

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032221\  
 Data File : VU042753.D  
 Acq On : 22 Mar 2021 11:27  
 Operator : SY/MD  
 Sample : M1743-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZD2

Quant Time: Mar 23 07:16:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 23 07:16:03 2021  
 Response via : Initial Calibration

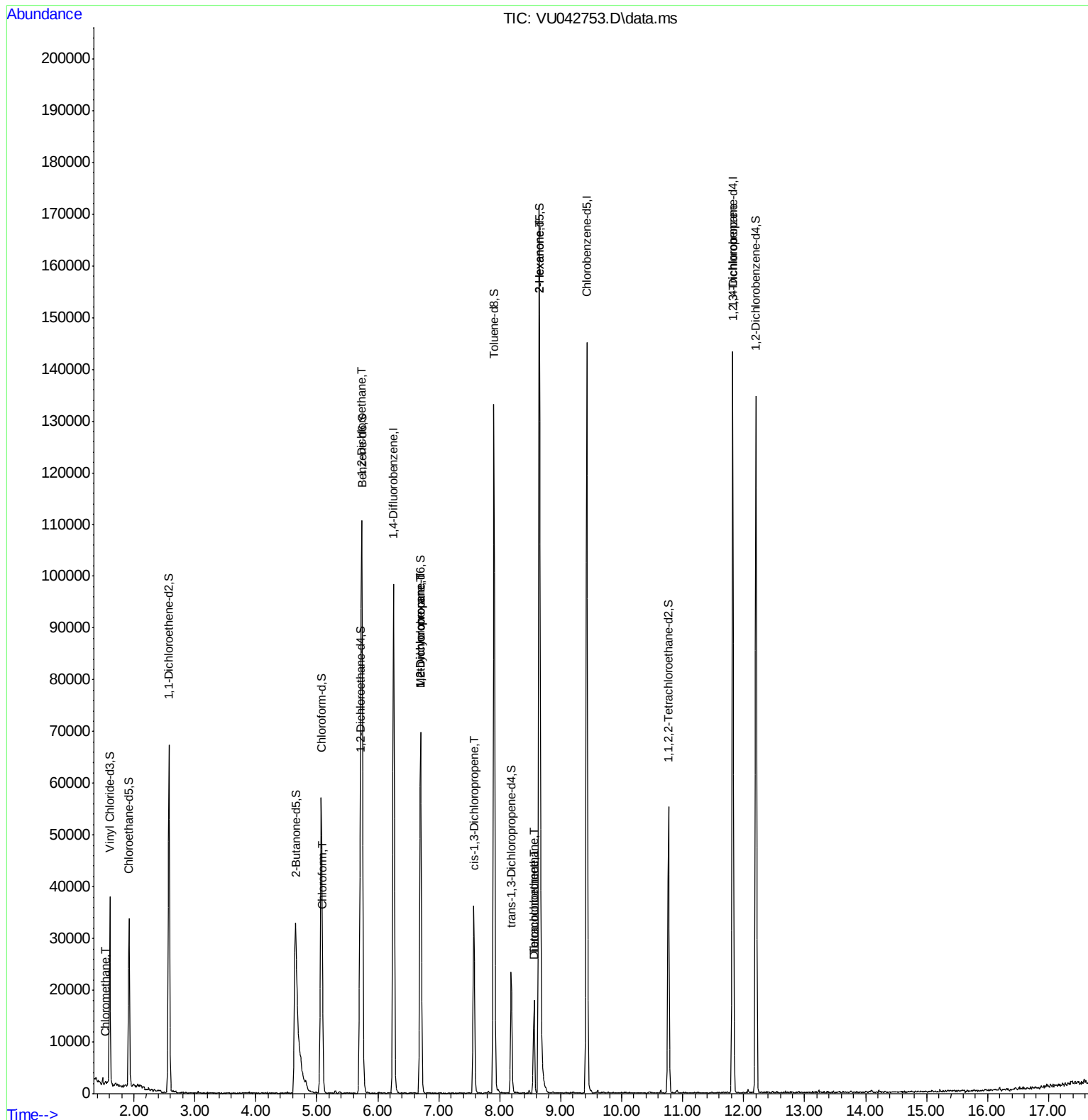
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 75093    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 75768    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 35277    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 24348    | 4.86     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 97.20%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 21771    | 5.74     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 114.80%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 41469    | 3.67     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 73.40%   |
| 20) 2-Butanone-d5             | 4.652  | 46    | 91333    | 55.57    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 111.14%  |
| 24) Chloroform-d              | 5.073  | 84    | 50802    | 5.13     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.60%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 32248    | 5.29     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.80%  |
| 32) Benzene-d6                | 5.739  | 84    | 91847    | 4.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.80%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 30233    | 5.05     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 101.00%  |
| 41) Toluene-d8                | 7.906  | 98    | 83594    | 4.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 92.20%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 12213    | 4.36     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.20%   |
| 46) 2-Hexanone-d5             | 8.648  | 63    | 62664    | 46.75    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 93.50%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.767 | 84    | 25715    | 4.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 96.40%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 33760    | 5.28     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.60%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.523  | 50    | 307      | 0.05     | ug/L # | 42       |
| 25) Chloroform                | 5.092  | 83    | 818      | 0.07     | ug/L # | 69       |
| 27) 1,2-Dichloroethane        | 5.735  | 62    | 659      | 0.08     | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.700  | 83    | 7002     | 0.70     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 3652     | 0.57     | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.578  | 75    | 1021     | 0.11     | ug/L # | 79       |
| 47) Tetrachloroethene         | 8.562  | 164   | 3826     | 0.71     | ug/L   | 96       |
| 48) 2-Hexanone                | 8.648  | 43    | 9299     | 2.26     | ug/L # | 72       |
| 49) Dibromochloromethane      | 8.565  | 129   | 3478     | 0.59     | ug/L # | 12       |
| 59) 1,2,3-Trichloropropane    | 11.819 | 75    | 4701     | 0.98     | ug/L # | 87       |
| -----                         |        |       |          |          |        |          |

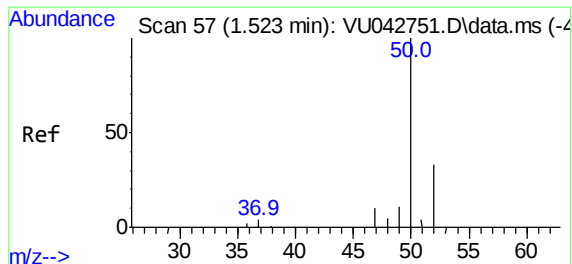
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Mar 23 07:16:03 2021  
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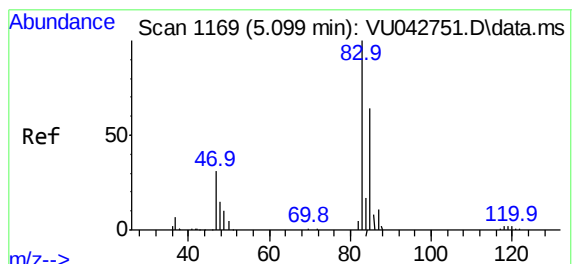
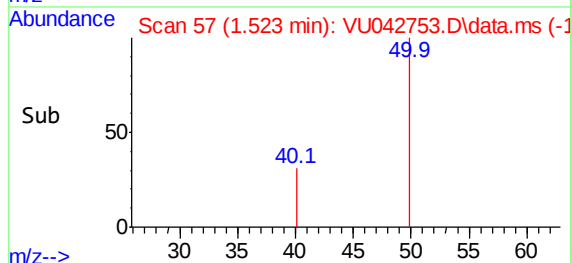
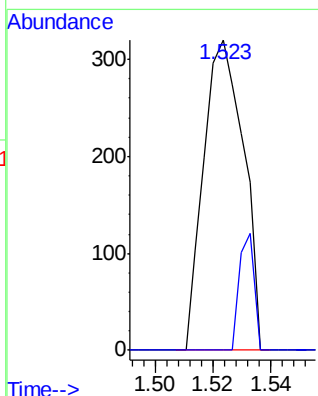
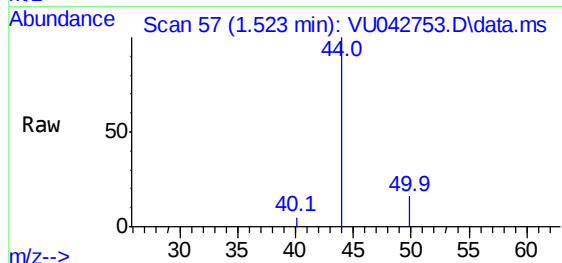




#3  
Chloromethane  
Concen: 0.05 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. -0.000 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

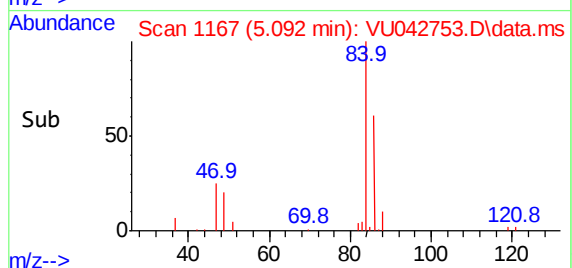
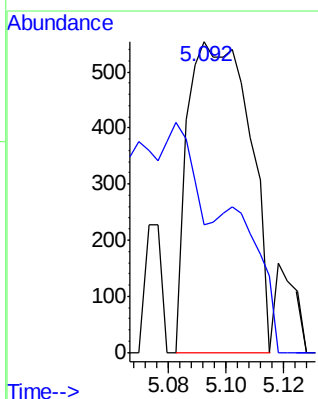
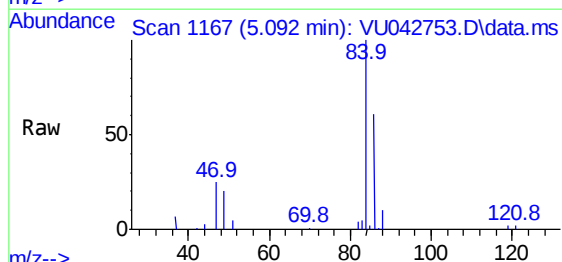
Instrument :  
MSVOA\_U  
ClientSampleId :  
ETZD2

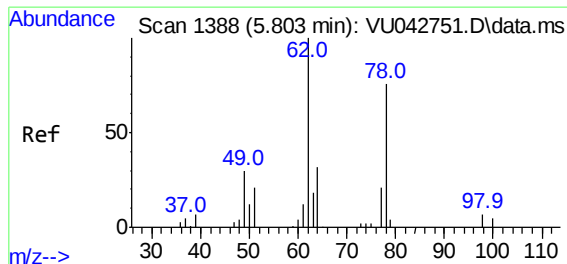
Tgt Ion: 50 Resp: 307  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.0 42.8#



#25  
Chloroform  
Concen: 0.07 ug/L  
RT: 5.092 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

Tgt Ion: 83 Resp: 818  
Ion Ratio Lower Upper  
83 100  
85 41.0 45.7 84.9#

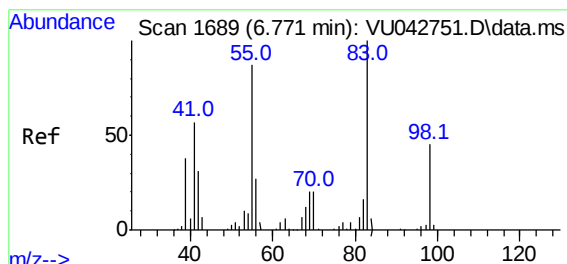
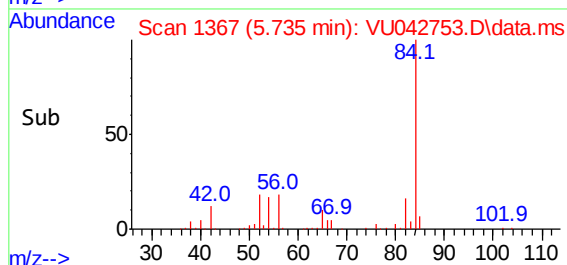
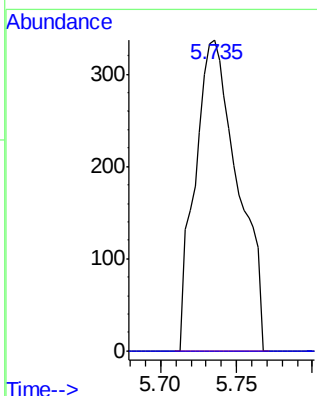
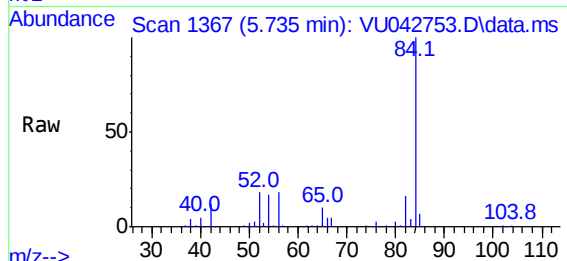




#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.735 min Scan# 1367  
Delta R.T. -0.068 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

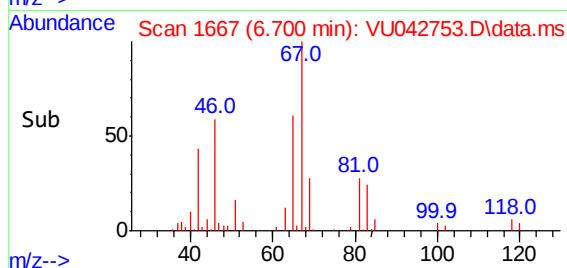
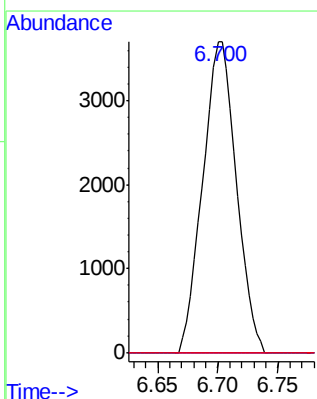
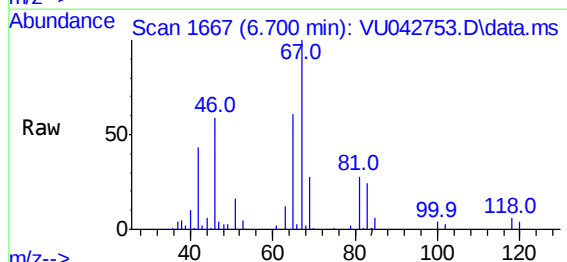
Instrument :  
MSVOA\_U  
ClientSampleId :  
ETZD2

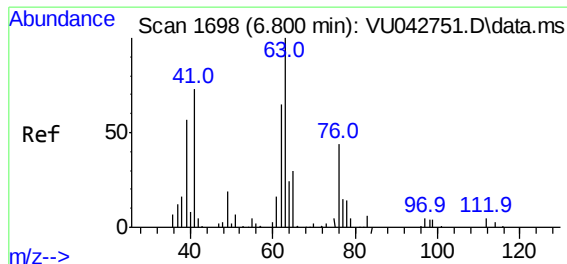
Tgt Ion: 62 Resp: 659  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#35  
Methylcyclohexane  
Concen: 0.70 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

Tgt Ion: 83 Resp: 7002  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.0 39.7 59.5#

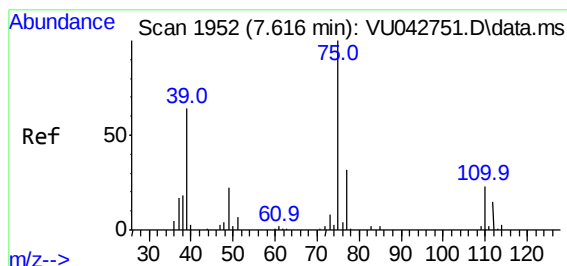
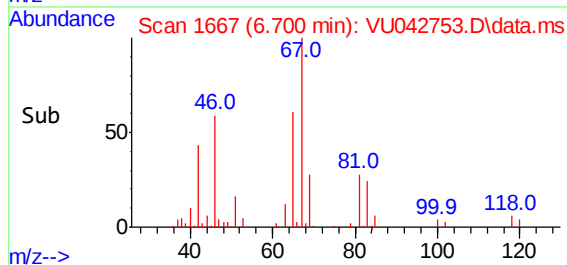
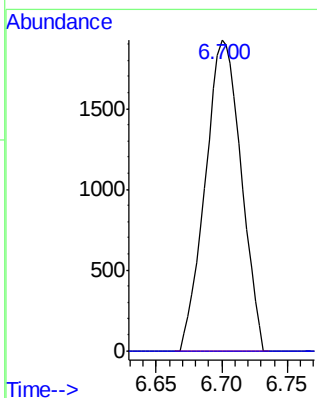
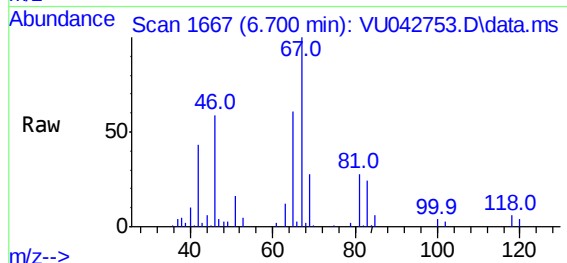




#37  
1,2-Dichloropropane  
Concen: 0.57 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

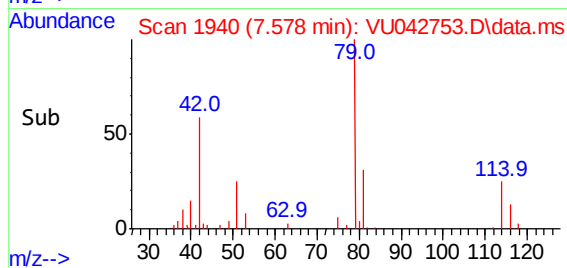
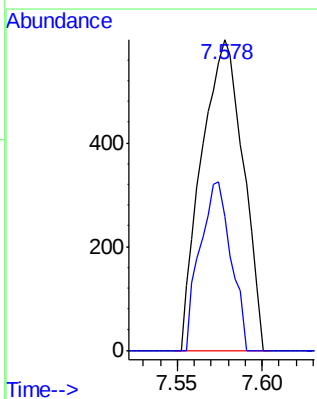
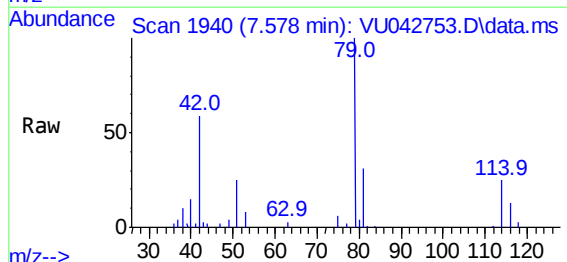
Instrument :  
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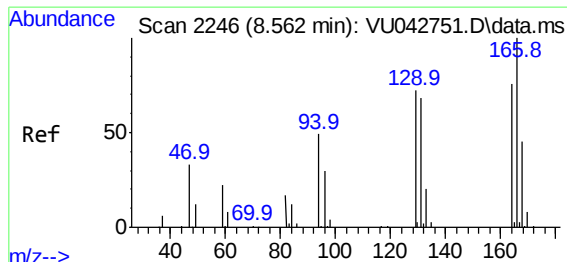
Tgt Ion: 63 Resp: 3652  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.578 min Scan# 1940  
Delta R.T. -0.039 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

Tgt Ion: 75 Resp: 1021  
Ion Ratio Lower Upper  
75 100  
77 43.1 22.0 40.8#



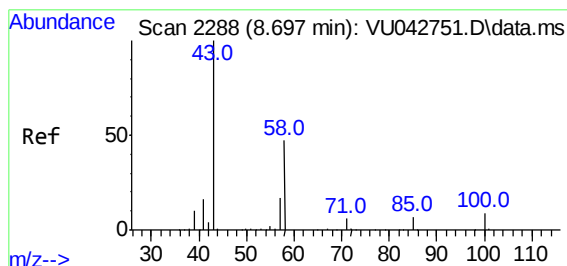
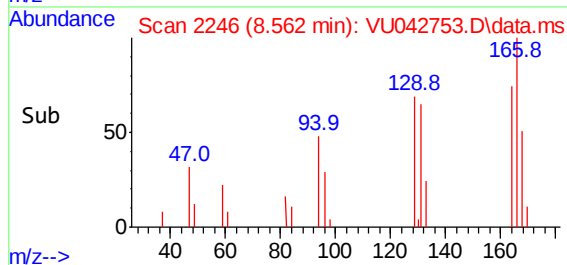
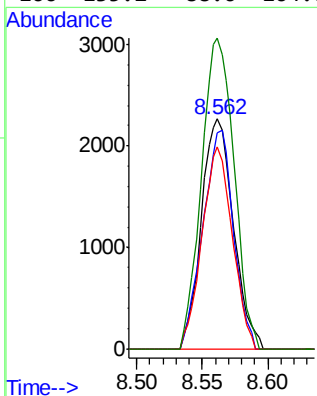
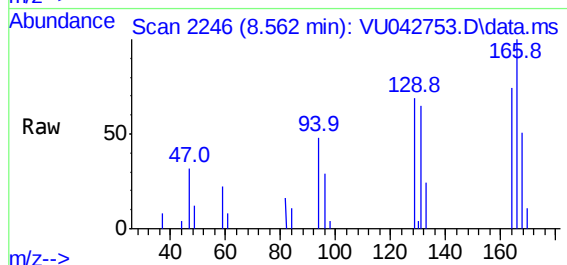


#47  
Tetrachloroethene  
Concen: 0.71 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETZD2

Tgt Ion:164 Resp: 3826

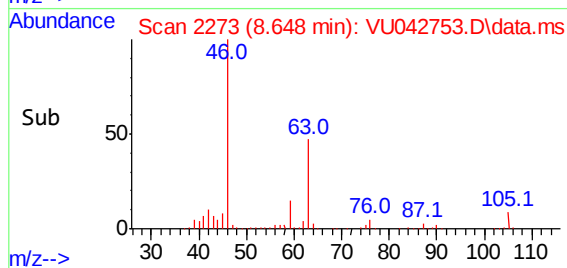
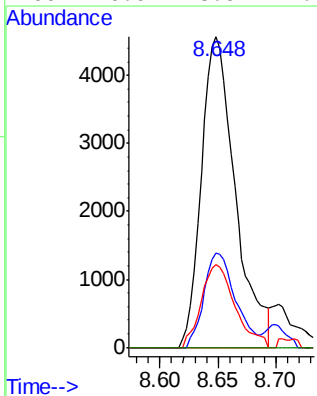
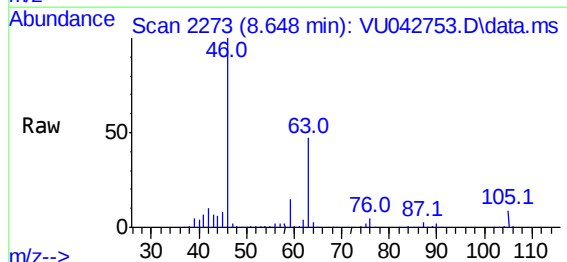
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 93.7  | 64.3  | 119.5 |
| 131 | 87.7  | 62.2  | 115.6 |
| 166 | 135.2 | 88.6  | 164.6 |

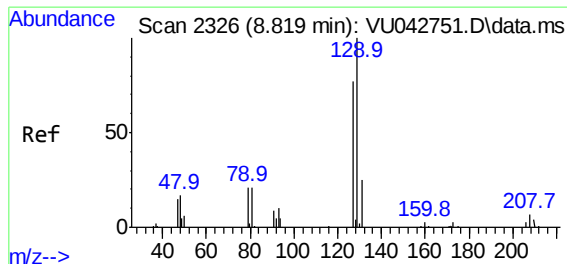


#48  
2-Hexanone  
Concen: 2.26 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU042753.D  
Acq: 22 Mar 2021 11:27

Tgt Ion: 43 Resp: 9299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.5  | 40.6  | 61.0# |
| 57  | 26.6  | 14.9  | 22.3# |
| 100 | 0.0   | 8.6   | 12.8# |

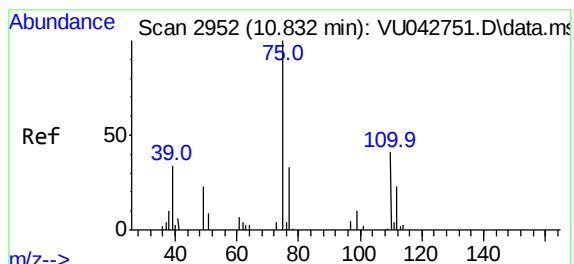
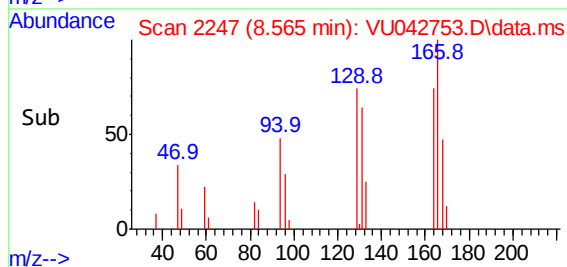
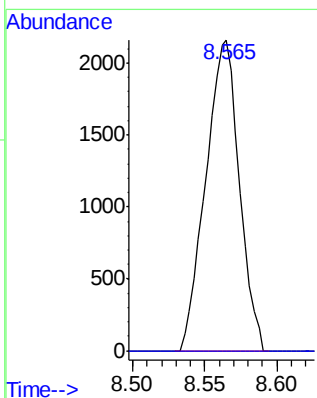
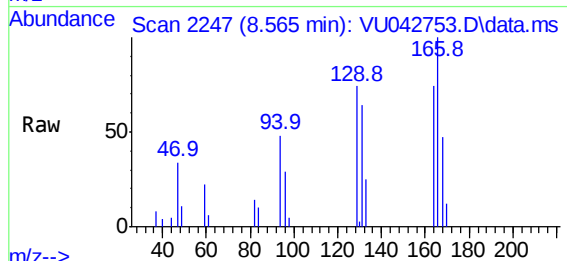




#49  
Dibromochloromethane  
Concen: 0.59 ug/L  
RT: 8.565 min Scan# 2247  
Delta R.T. -0.254 min  
Lab File: VU042753.D  
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Tgt Ion:129 Resp: 3478  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.3 97.1#



#59  
1,2,3-Trichloropropane  
Concen: 0.98 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.987 min  
Lab File: VU042753.D  
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Tgt Ion: 75 Resp: 4701  
Ion Ratio Lower Upper  
75 100  
77 39.8 26.0 39.0#

