

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031221\  
 Data File : VU042583.D  
 Acq On : 11 Mar 2021 23:31  
 Operator : SY/MD  
 Sample : M1654-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B87

Quant Time: Mar 12 02:44:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 12 02:42:43 2021  
 Response via : Initial Calibration

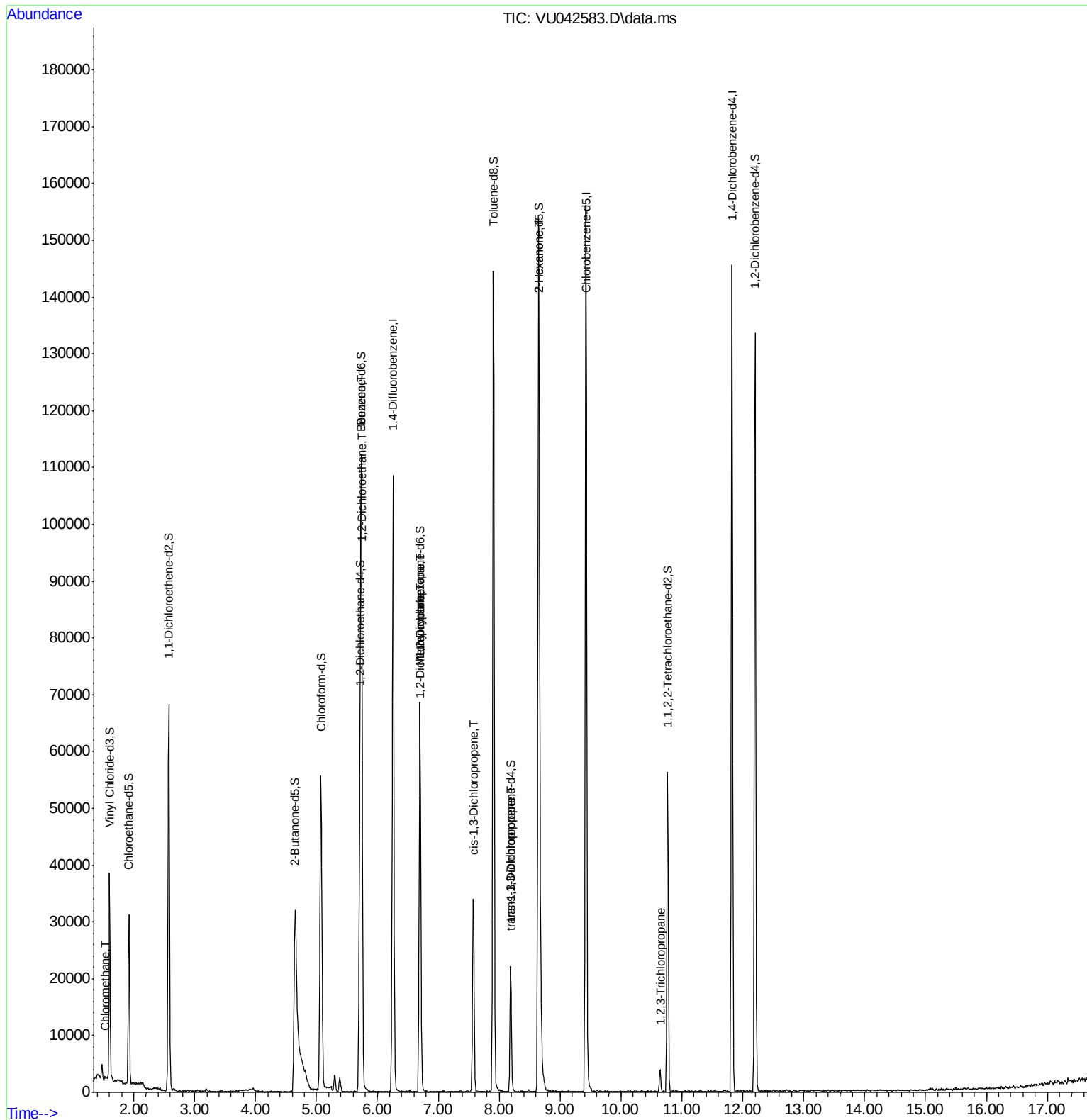
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 82676    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 81138    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 36354    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 25253    | 4.58     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 91.60%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 20603    | 4.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 98.80%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 42152    | 3.39     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 67.80%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 75731    | 41.85    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.70%   |
| 24) Chloroform-d              | 5.073  | 84    | 49430    | 4.53     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 34486    | 5.14     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 102.80%  |
| 32) Benzene-d6                | 5.739  | 84    | 93162    | 4.68     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.60%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 29748    | 4.64     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 92.80%   |
| 41) Toluene-d8                | 7.906  | 98    | 88969    | 4.58     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.60%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 11695    | 3.90     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 78.00%   |
| 46) 2-Hexanone-d5             | 8.648  | 63    | 61384    | 42.76    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 85.52%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 26018    | 4.55     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.00%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 33489    | 5.08     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 101.60%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.523  | 50    | 386      | 0.05     | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 5.745  | 62    | 323      | 0.03     | ug/L # | 75       |
| 33) Benzene                   | 5.729  | 78    | 824      | 0.03     | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.703  | 83    | 7056     | 0.66     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.706  | 63    | 3611     | 0.53     | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.574  | 75    | 905      | 0.09     | ug/L # | 81       |
| 44) trans-1,3-Dichloropropene | 8.192  | 75    | 570      | 0.06     | ug/L # | 68       |
| 48) 2-Hexanone                | 8.648  | 43    | 9816     | 2.23     | ug/L # | 70       |
| 59) 1,2,3-Trichloropropane    | 10.645 | 75    | 852      | 0.17     | ug/L # | 42       |
| -----                         |        |       |          |          |        |          |

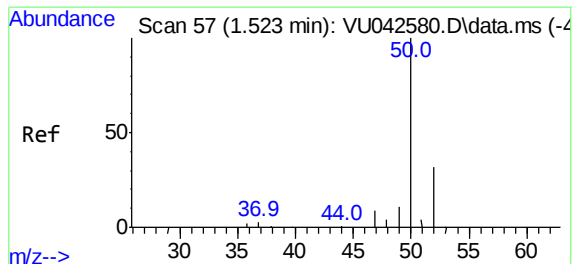
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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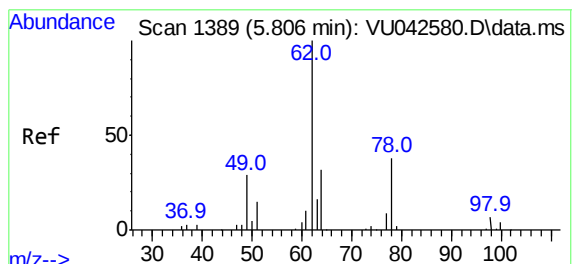
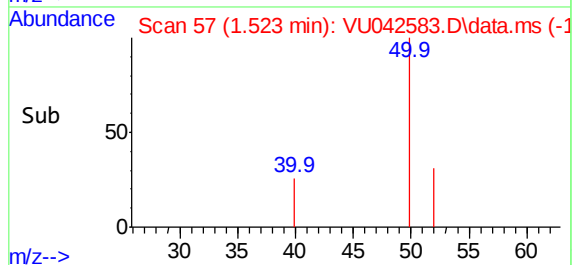
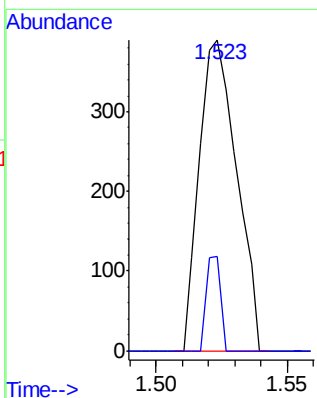
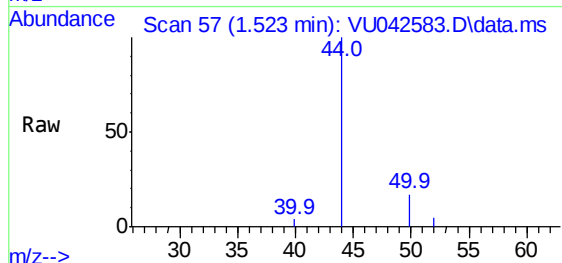




#3  
Chloromethane  
Concen: 0.05 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

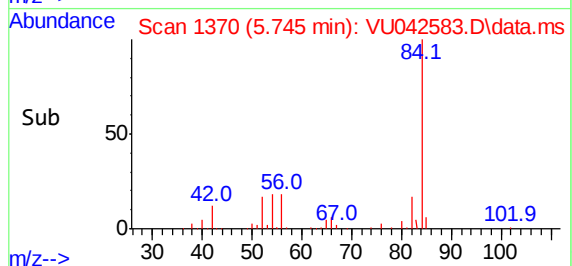
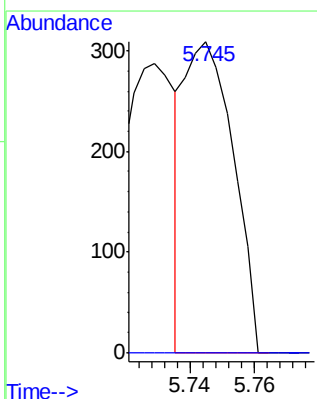
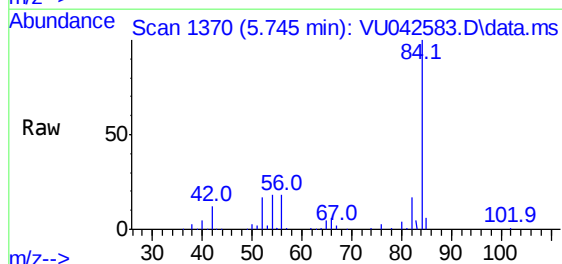
Instrument :  
MSVOA\_U  
ClientSampled :  
C0B87

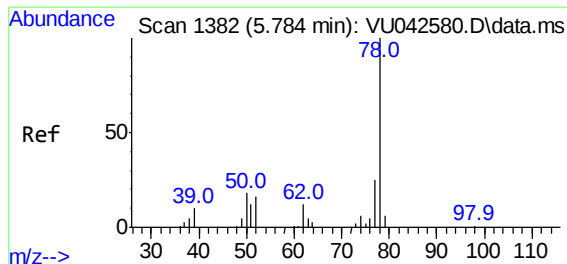
Tgt Ion: 50 Resp: 386  
Ion Ratio Lower Upper  
50 100  
52 30.5 23.0 42.8



#27  
1,2-Dichloroethane  
Concen: 0.03 ug/L  
RT: 5.745 min Scan# 1370  
Delta R.T. -0.061 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

Tgt Ion: 62 Resp: 323  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#

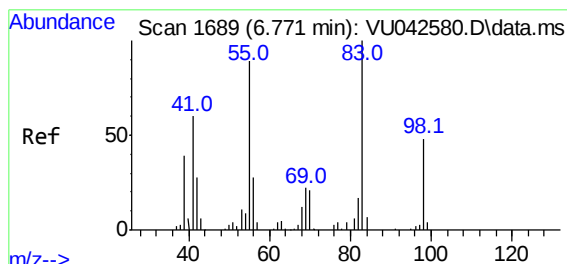
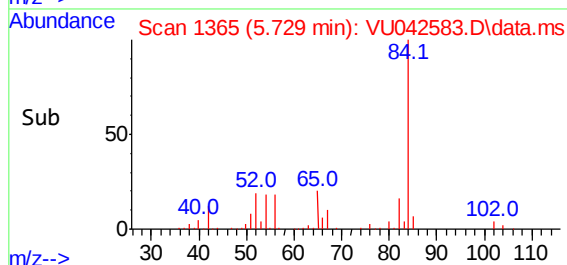
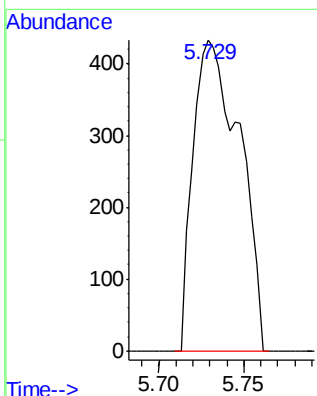
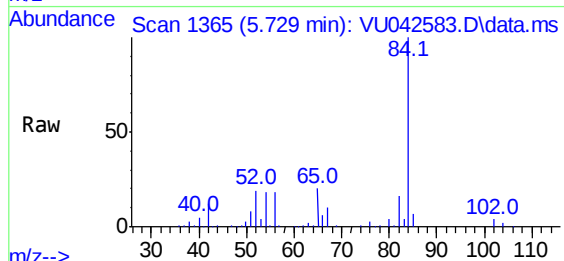




#33  
Benzene  
Concen: 0.03 ug/L  
RT: 5.729 min Scan# 1365  
Delta R.T. -0.055 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B87

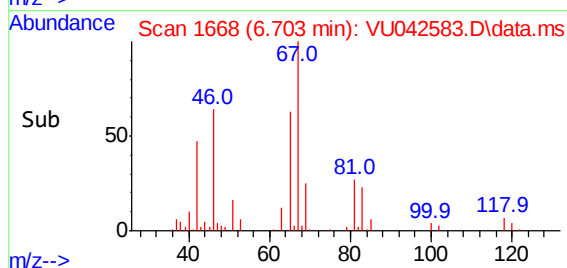
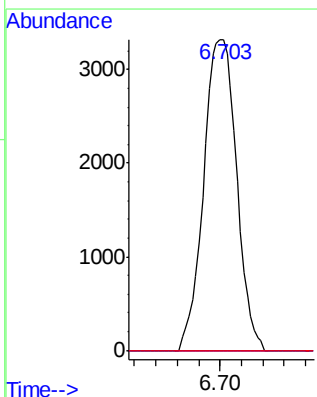
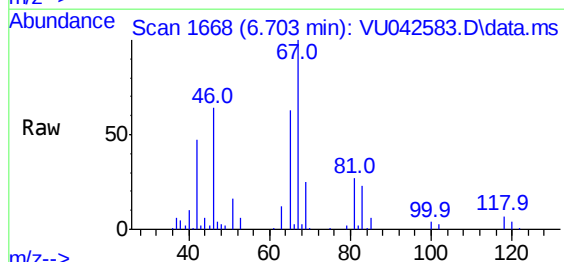
Tgt Ion: 78 Resp: 824

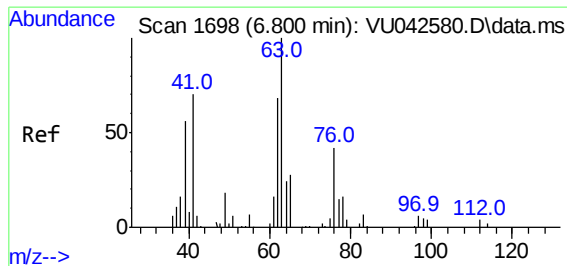


#35  
Methylcyclohexane  
Concen: 0.66 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.068 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

Tgt Ion: 83 Resp: 7056

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 83  | 100   |       |        |
| 55  | 0.0   | 68.2  | 102.4# |
| 98  | 0.0   | 39.7  | 59.5#  |

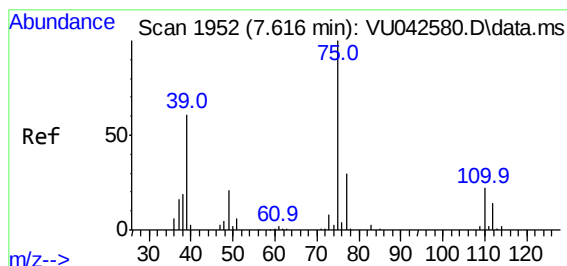
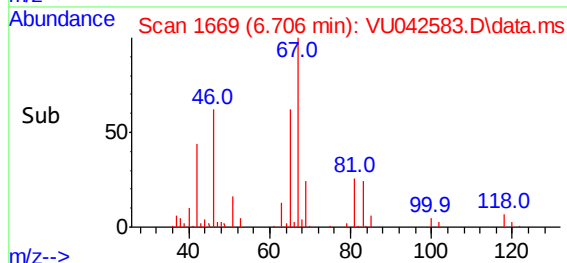
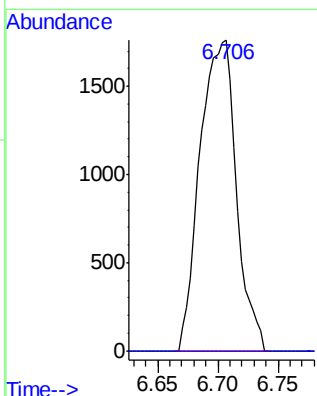
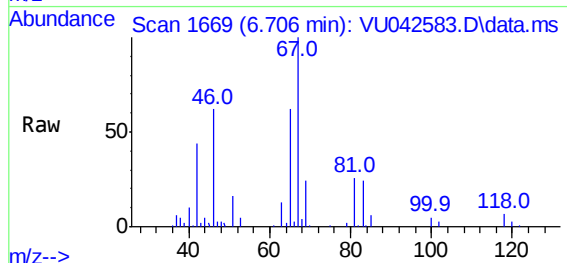




#37  
1,2-Dichloropropane  
Concen: 0.53 ug/L  
RT: 6.706 min Scan# 1669  
Delta R.T. -0.093 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

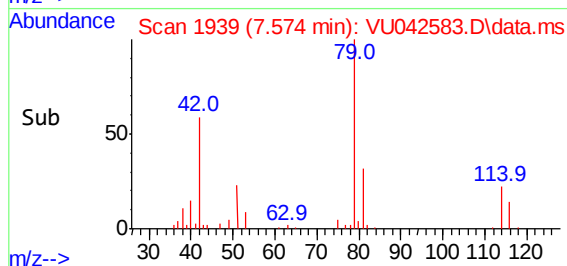
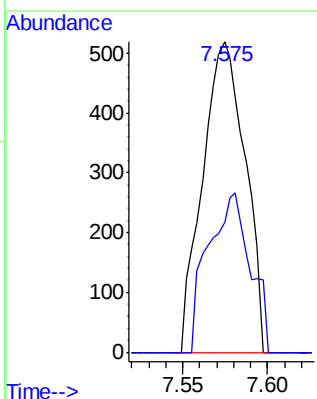
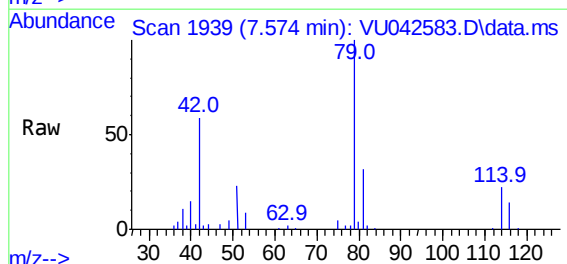
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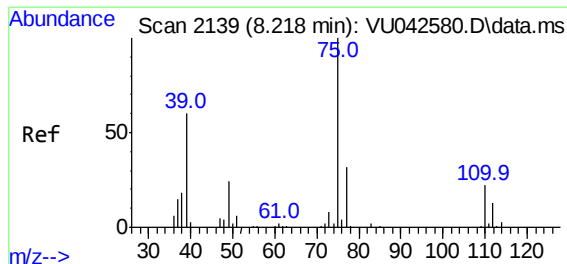
Tgt Ion: 63 Resp: 3611  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.09 ug/L  
RT: 7.574 min Scan# 1939  
Delta R.T. -0.042 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

Tgt Ion: 75 Resp: 905  
Ion Ratio Lower Upper  
75 100  
77 41.8 22.0 40.8#

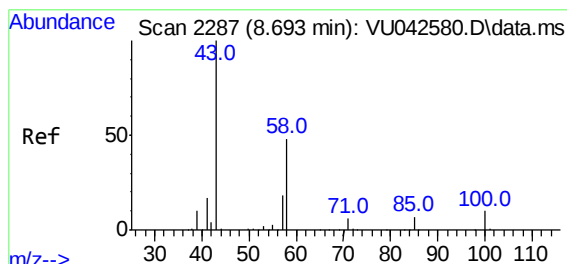
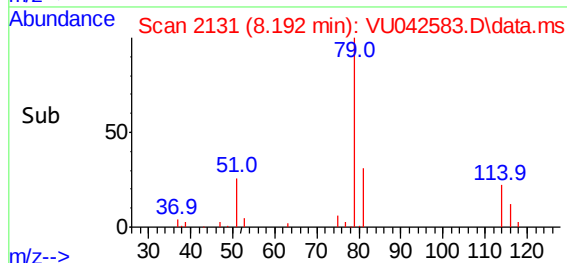
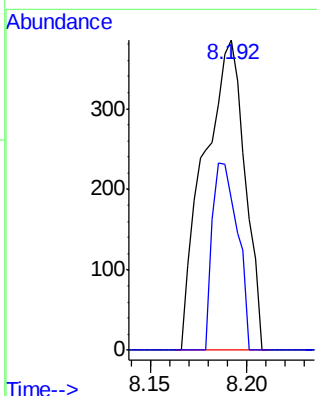
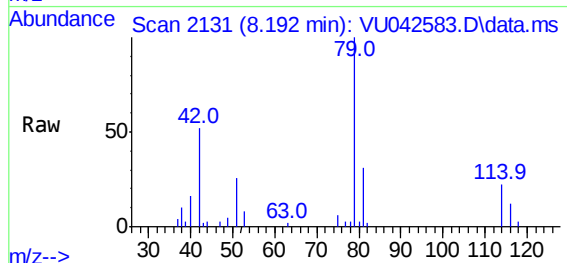




#44  
trans-1,3-Dichloropropene  
Concen: 0.06 ug/L  
RT: 8.192 min Scan# 2131  
Delta R.T. -0.026 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

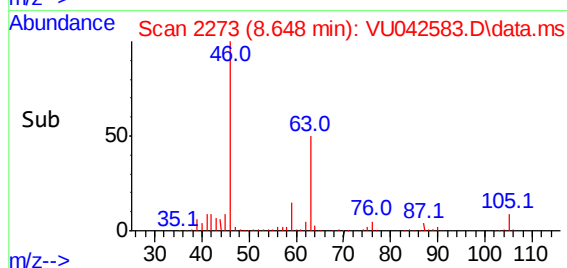
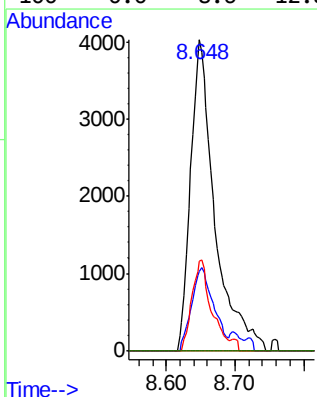
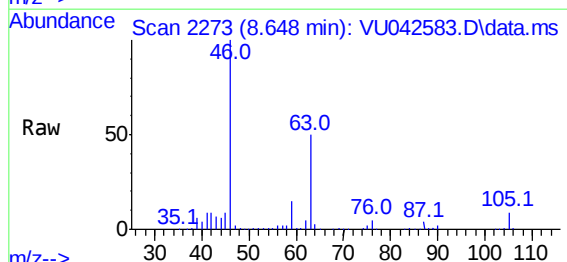
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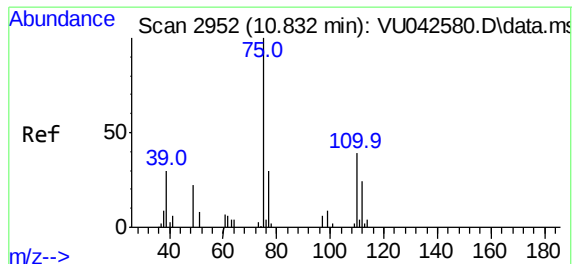
Tgt Ion: 75 Resp: 570  
Ion Ratio Lower Upper  
75 100  
77 48.8 21.8 40.4#



#48  
2-Hexanone  
Concen: 2.23 ug/L  
RT: 8.648 min Scan# 2273  
Delta R.T. -0.045 min  
Lab File: VU042583.D  
Acq: 11 Mar 2021 23:31

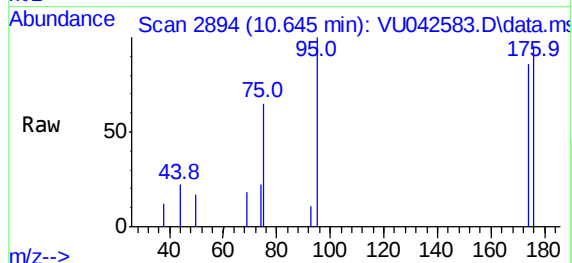
Tgt Ion: 43 Resp: 9816  
Ion Ratio Lower Upper  
43 100  
58 24.4 40.6 61.0#  
57 23.1 14.9 22.3#  
100 0.0 8.6 12.8#





#59  
 1,2,3-Trichloropropane  
 Concen: 0.17 ug/L  
 RT: 10.645 min Scan# 2894  
 Delta R.T. -0.187 min  
 Lab File: VU042583.D  
 Acq: 11 Mar 2021 23:31

Instrument :  
 MSVOA\_U  
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Tgt Ion: 75 Resp: 852  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 26.0 39.0#

