

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031221\  
 Data File : VU042577.D  
 Acq On : 11 Mar 2021 20:43  
 Operator : SY/MD  
 Sample : M1631-13  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B73

Quant Time: Mar 12 01:35:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Mar 12 01:30:46 2021  
 Response via : Initial Calibration

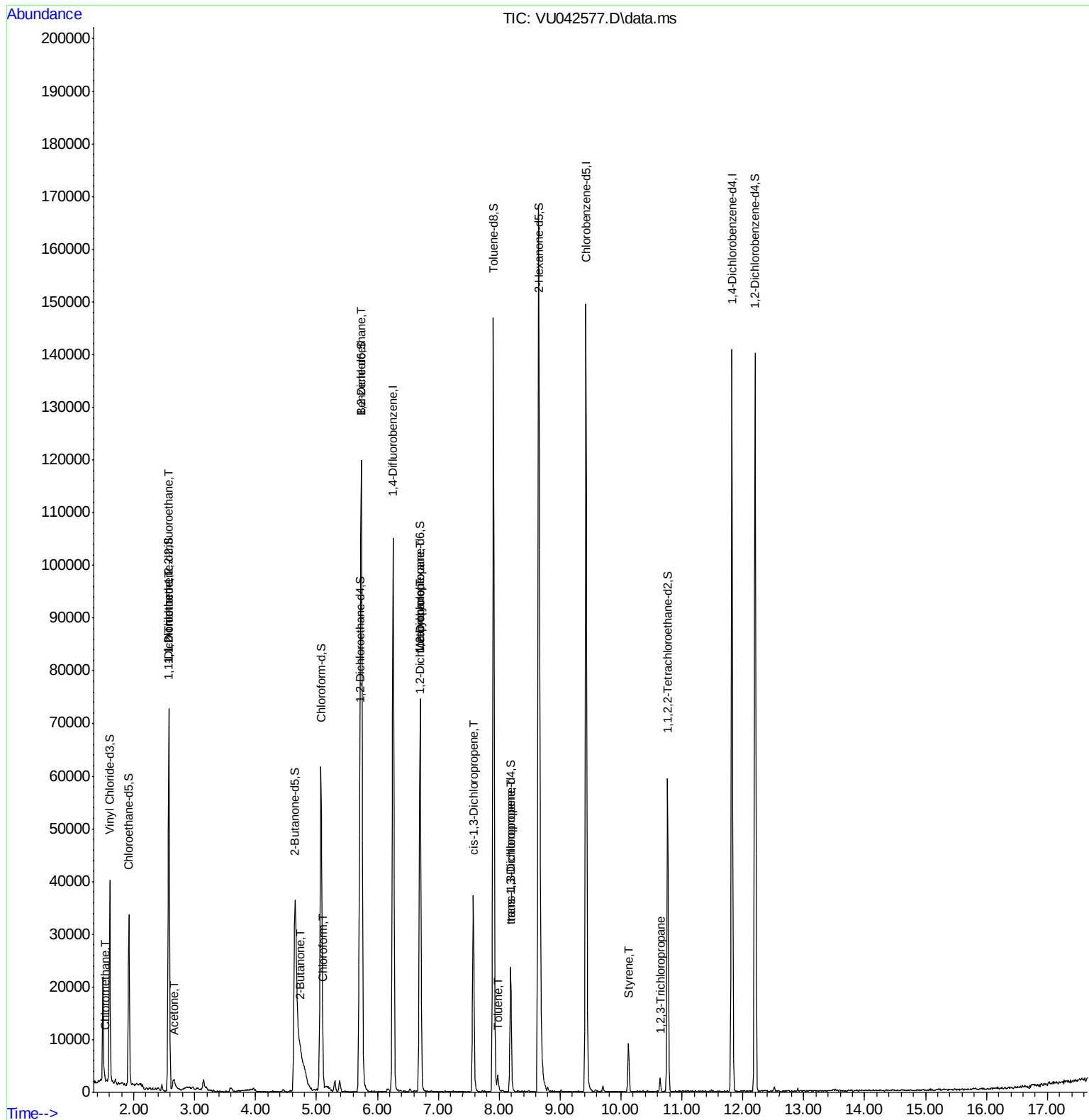
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.260  | 114   | 81664    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.427  | 117   | 76960    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 35523    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 26423    | 4.85     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 97.00%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 21338    | 5.18     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 103.60%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 44434    | 3.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 72.20%   |
| 20) 2-Butanone-d5             | 4.649  | 46    | 82428    | 46.11    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 92.22%   |
| 24) Chloroform-d              | 5.073  | 84    | 52985    | 4.92     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.40%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 35389    | 5.34     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 106.80%  |
| 32) Benzene-d6                | 5.736  | 84    | 98650    | 5.23     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.60%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 32333    | 5.31     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.20%  |
| 41) Toluene-d8                | 7.906  | 98    | 92668    | 5.03     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.60%  |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 12642    | 4.45     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 89.00%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 65240    | 47.91    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 95.82%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 27312    | 5.04     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 100.80%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.202 | 152   | 35652    | 5.54     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 110.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.524  | 50    | 681      | 0.09     | ug/L   | 87       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101   | 274      | 0.04     | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.572  | 96    | 338      | 0.06     | ug/L # | 1        |
| 13) Acetone                   | 2.659  | 43    | 4900     | 3.56     | ug/L   | 90       |
| 21) 2-Butanone                | 4.729  | 43    | 2517     | 1.07     | ug/L # | 66       |
| 25) Chloroform                | 5.102  | 83    | 1620     | 0.13     | ug/L   | 86       |
| 27) 1,2-Dichloroethane        | 5.736  | 62    | 702      | 0.08     | ug/L # | 75       |
| 35) Methylcyclohexane         | 6.700  | 83    | 7374     | 0.73     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.694  | 63    | 3799     | 0.58     | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.572  | 75    | 1026     | 0.11     | ug/L   | 84       |
| 42) Toluene                   | 7.977  | 91    | 1966     | 0.07     | ug/L   | 78       |
| 44) trans-1,3-Dichloropropene | 8.186  | 75    | 694      | 0.08     | ug/L # | 83       |
| 55) Styrene                   | 10.121 | 104   | 3986     | 0.22     | ug/L   | 97       |
| 59) 1,2,3-Trichloropropane    | 10.642 | 75    | 613      | 0.13     | ug/L # | 42       |
| -----                         |        |       |          |          |        |          |

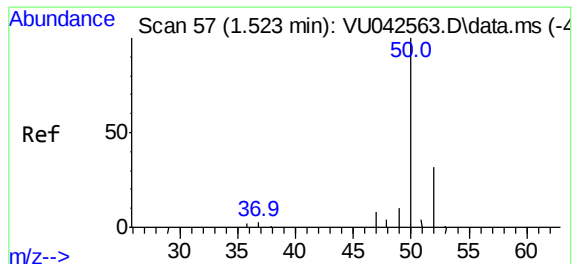
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031221\  
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Sample : M1631-13  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
C0B73

Quant Time: Mar 12 01:35:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Mar 12 01:30:46 2021  
Response via : Initial Calibration

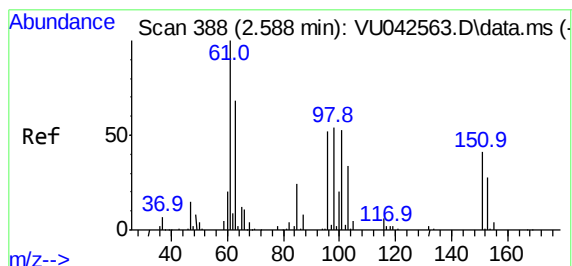
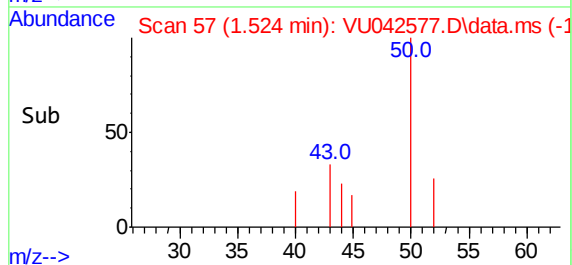
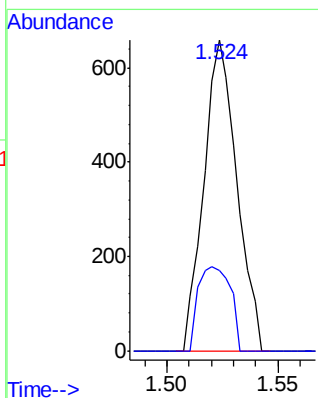
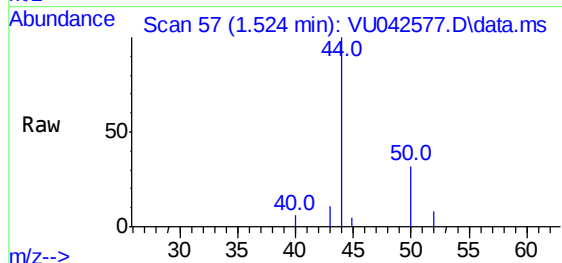




#3  
Chloromethane  
Concen: 0.09 ug/L  
RT: 1.524 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

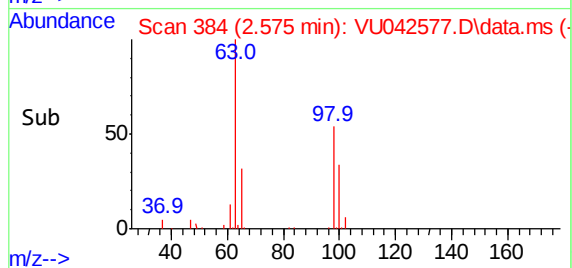
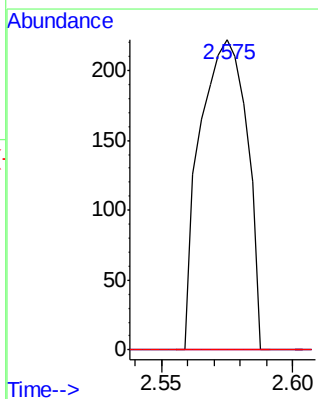
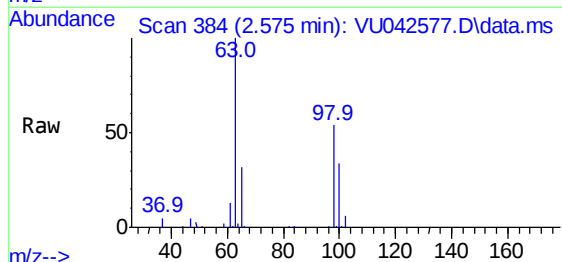
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B73

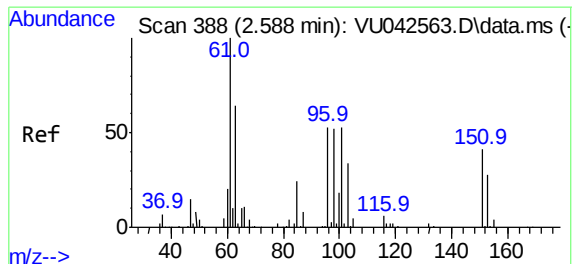
Tgt Ion: 50 Resp: 681  
Ion Ratio Lower Upper  
50 100  
52 25.8 23.0 42.8



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.04 ug/L  
RT: 2.575 min Scan# 384  
Delta R.T. -0.013 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion:101 Resp: 274  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 62.7 94.1#

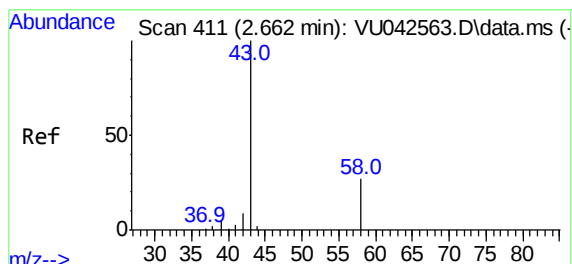
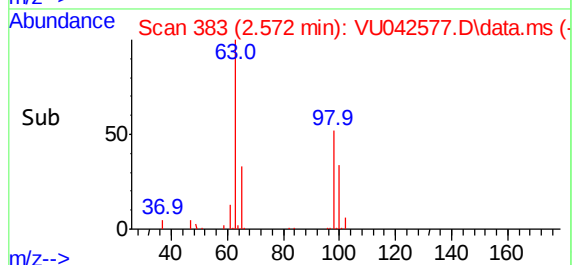
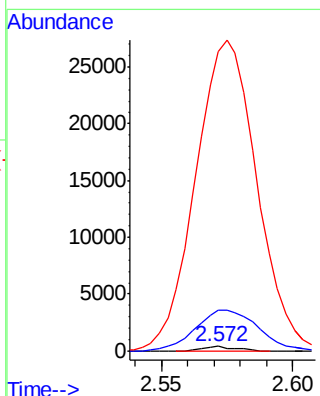
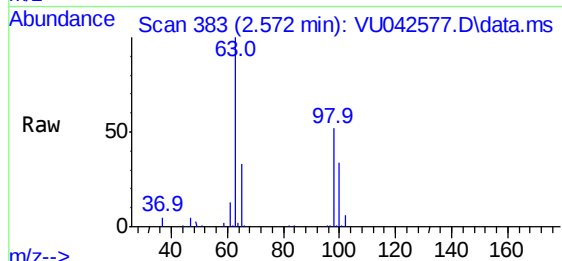




#12  
1,1-Dichloroethene  
Concen: 0.06 ug/L  
RT: 2.572 min Scan# 383  
Delta R.T. -0.016 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

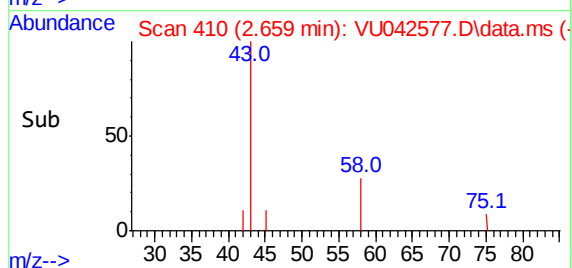
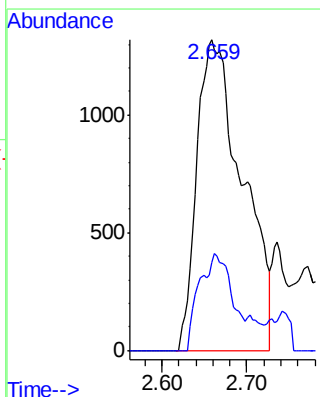
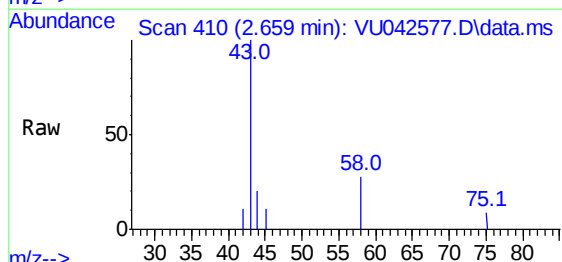
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0B73

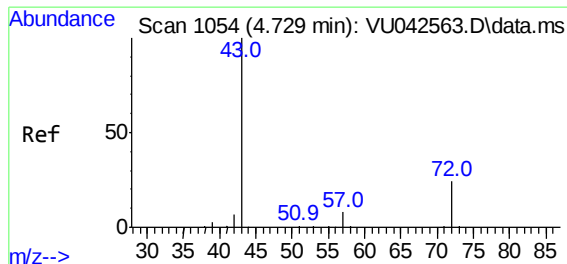
Tgt Ion: 96 Resp: 338  
Ion Ratio Lower Upper  
96 100  
61 930.4 126.2 234.4#  
63 6896.3 77.8 144.4#



#13  
Acetone  
Concen: 3.56 ug/L  
RT: 2.659 min Scan# 410  
Delta R.T. -0.003 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion: 43 Resp: 4900  
Ion Ratio Lower Upper  
43 100  
58 22.4 0.0 55.8

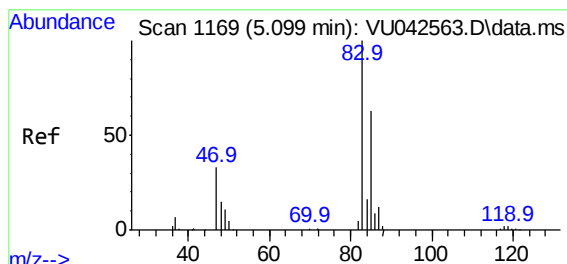
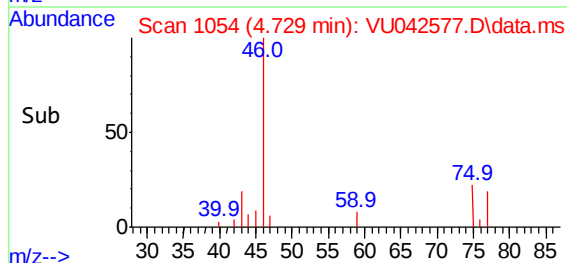
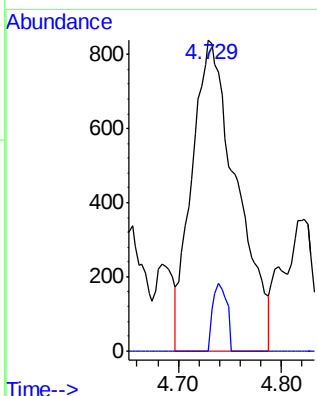
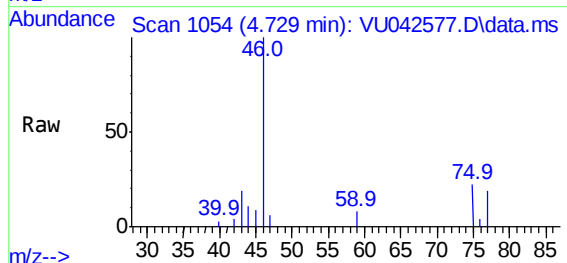




#21  
2-Butanone  
Concen: 1.07 ug/L  
RT: 4.729 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

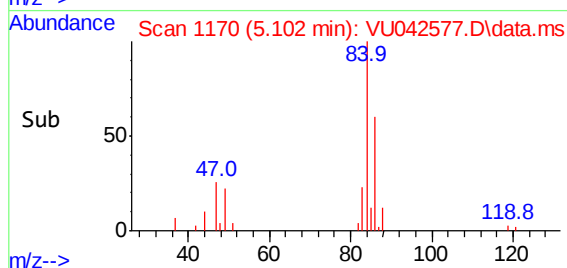
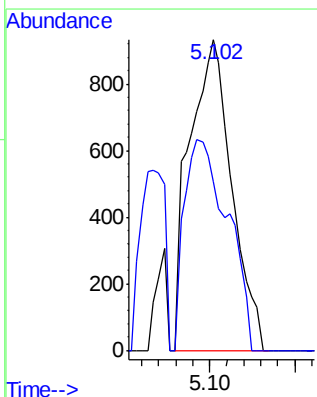
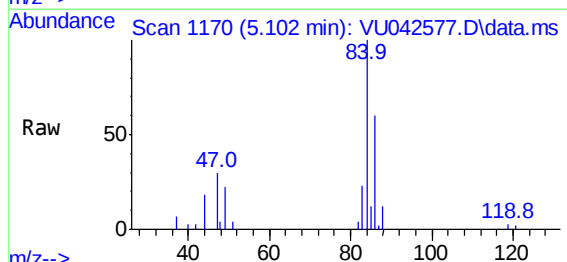
Instrument :  
MSVOA\_U  
ClientSampled :  
C0B73

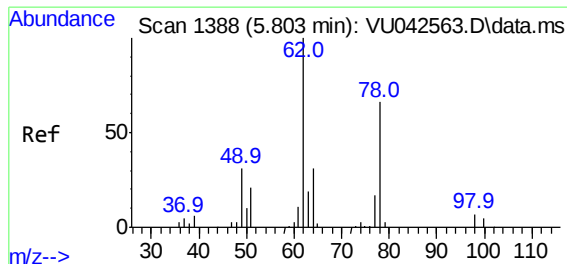
Tgt Ion: 43 Resp: 2517  
Ion Ratio Lower Upper  
43 100  
72 6.8 11.7 35.1#



#25  
Chloroform  
Concen: 0.13 ug/L  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion: 83 Resp: 1620  
Ion Ratio Lower Upper  
83 100  
85 54.1 45.7 84.9

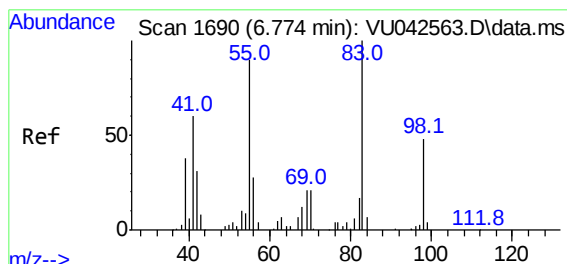
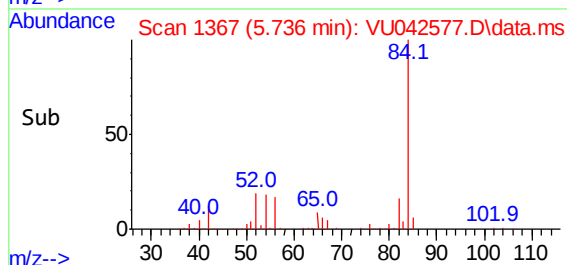
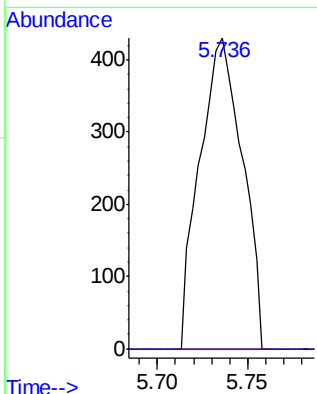
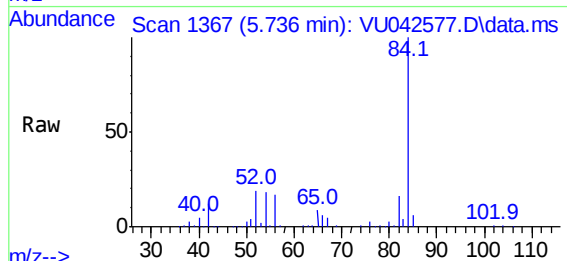




#27  
1,2-Dichloroethane  
Concen: 0.08 ug/L  
RT: 5.736 min Scan# 1367  
Delta R.T. -0.067 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

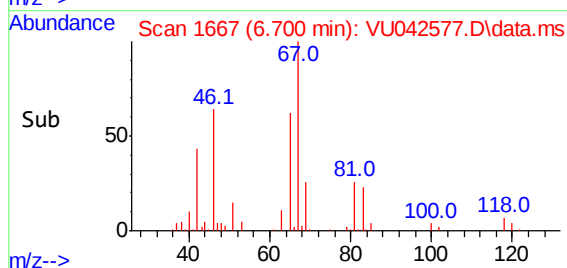
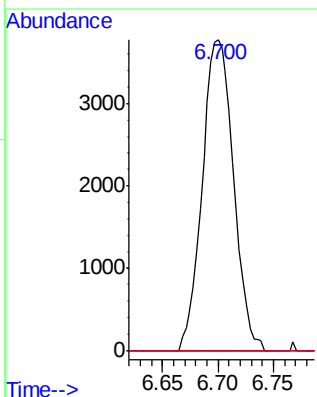
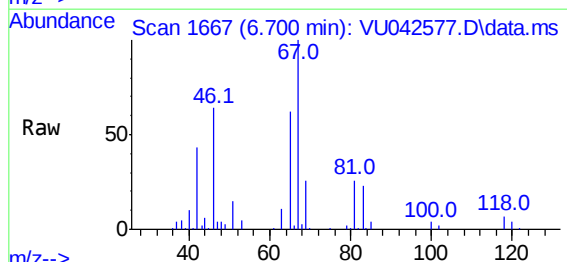
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ClientSampleId :  
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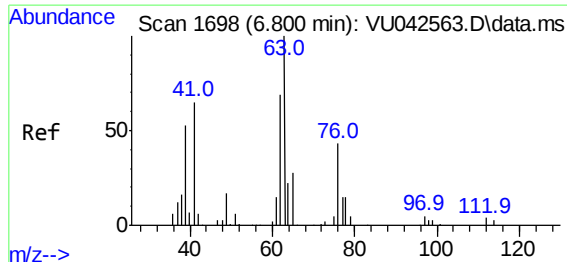
Tgt Ion: 62 Resp: 702  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#35  
Methylcyclohexane  
Concen: 0.73 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion: 83 Resp: 7374  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.0 39.7 59.5#

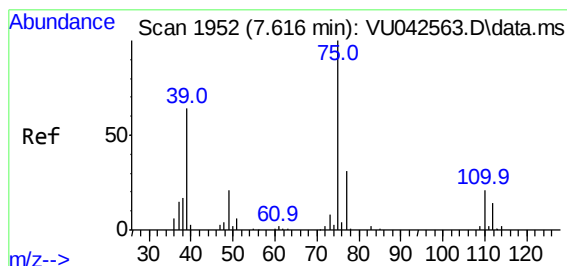
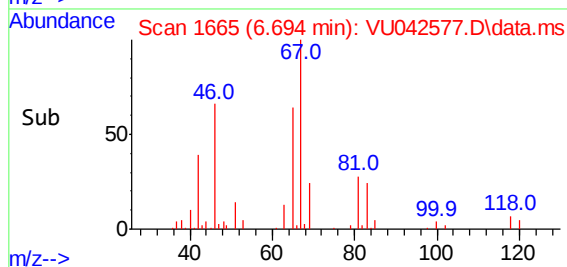
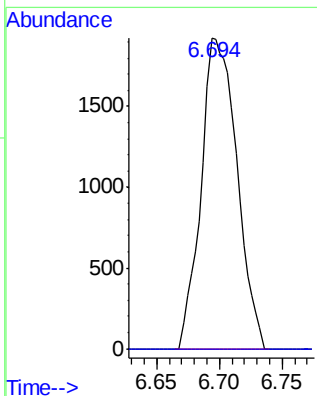
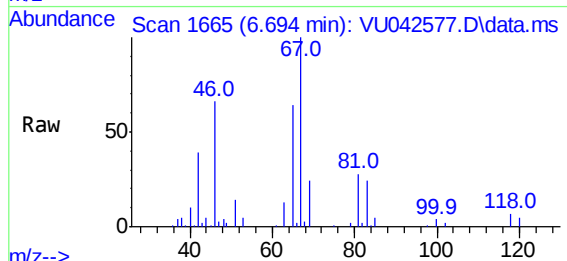




#37  
1,2-Dichloropropane  
Concen: 0.58 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.106 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

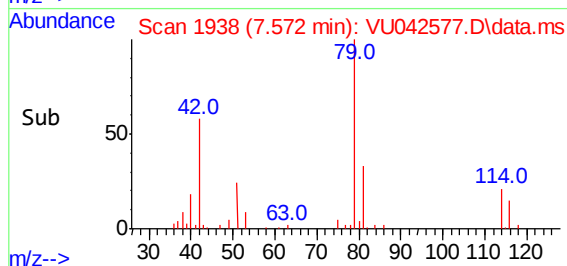
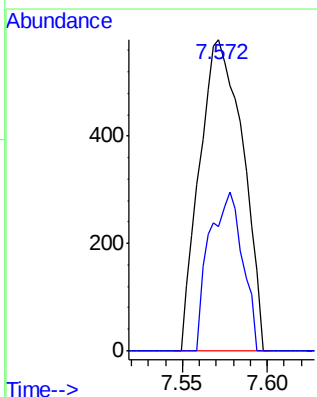
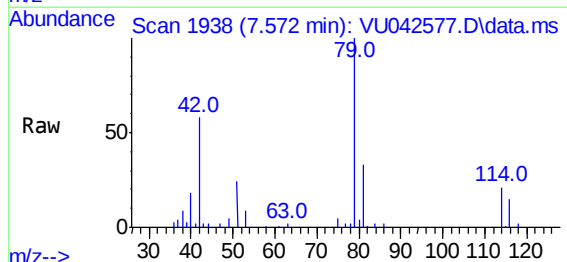
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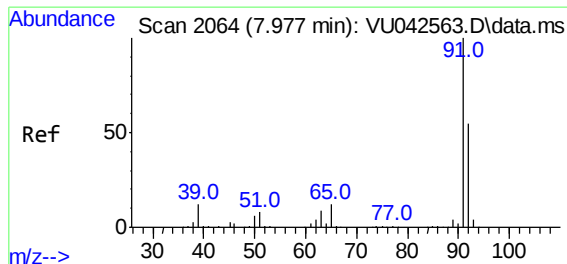
Tgt Ion: 63 Resp: 3799  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



#39  
cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.572 min Scan# 1938  
Delta R.T. -0.045 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion: 75 Resp: 1026  
Ion Ratio Lower Upper  
75 100  
77 40.0 22.0 40.8

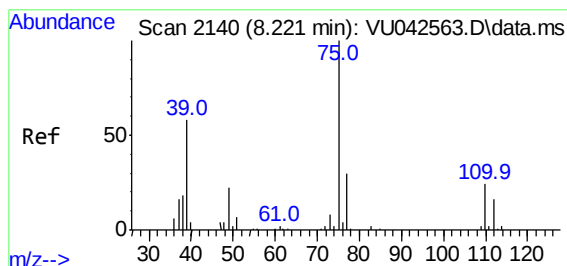
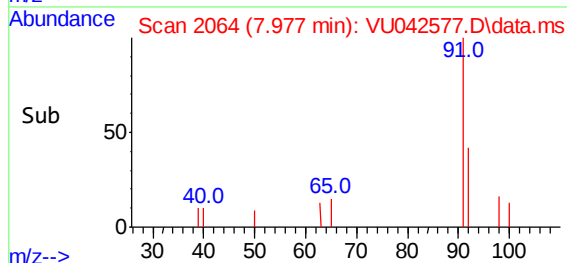
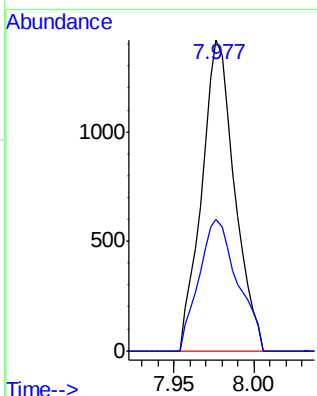
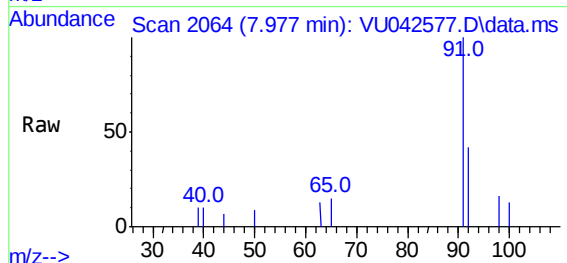




#42  
Toluene  
Concen: 0.07 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

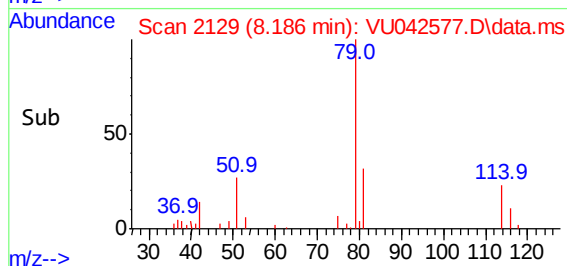
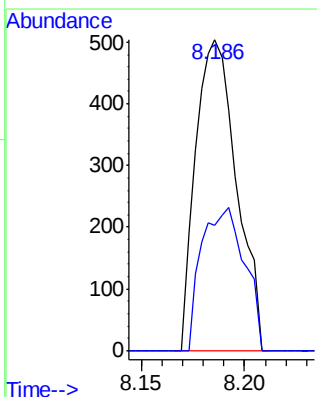
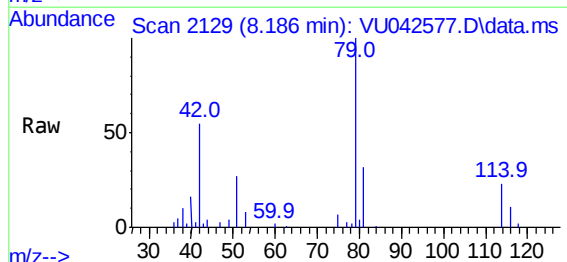
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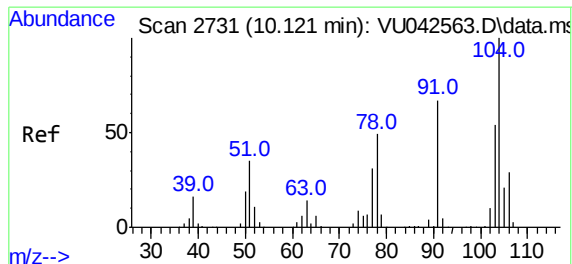
Tgt Ion: 91 Resp: 1966  
Ion Ratio Lower Upper  
91 100  
92 42.3 41.2 76.6



#44  
trans-1,3-Dichloropropene  
Concen: 0.08 ug/L  
RT: 8.186 min Scan# 2129  
Delta R.T. -0.035 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion: 75 Resp: 694  
Ion Ratio Lower Upper  
75 100  
77 40.5 21.8 40.4#

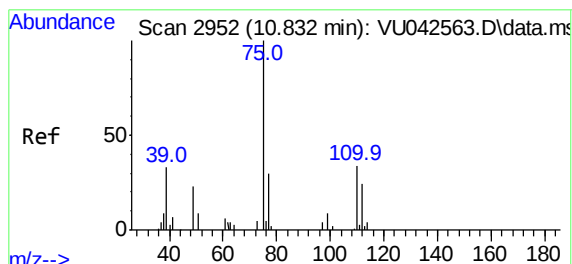
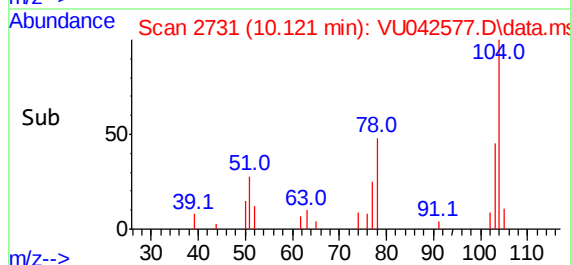
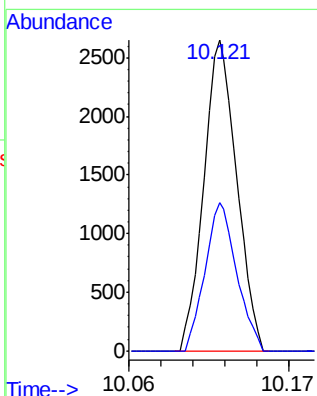
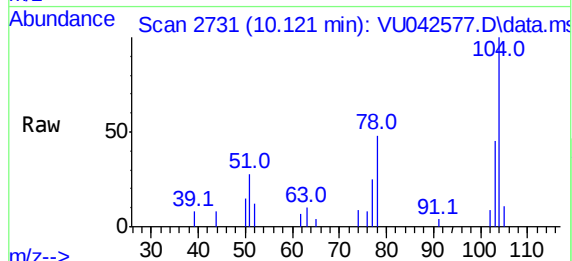




#55  
Styrene  
Concen: 0.22 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Instrument :  
MSVOA\_U  
ClientSampled :  
C0B73

Tgt Ion:104 Resp: 3986  
Ion Ratio Lower Upper  
104 100  
78 47.8 34.9 64.7



#59  
1,2,3-Trichloropropane  
Concen: 0.13 ug/L  
RT: 10.642 min Scan# 2893  
Delta R.T. -0.190 min  
Lab File: VU042577.D  
Acq: 11 Mar 2021 20:43

Tgt Ion: 75 Resp: 613  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.0 39.0#

