

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031721\  
 Data File : VU042689.D  
 Acq On : 17 Mar 2021 14:02  
 Operator : SY/MD  
 Sample : VSTDICCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

Manual Integrations  
 APPROVED

MMDadoda  
 3/25/2021 1:07:30 PM

Quant Time: Mar 18 03:53:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U031721DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 18 03:47:11 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Fluorobenzene             | 6.124  | 96   | 16991    | 1.00   | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 57) 4-Bromofluorobenzene     | 10.642 | 95   | 8290     | 1.10   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 110.00% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.205 | 152  | 8574     | 1.08   | ug/l    | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 108.00% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.388  | 85   | 65330    | 9.61   | ug/l    | 100      |
| 3) Chloromethane             | 1.523  | 50   | 58883    | 9.30   | ug/l    | 100      |
| 4) Vinyl Chloride            | 1.607  | 62   | 58929    | 9.80   | ug/l    | 100      |
| 5) Bromomethane              | 1.858  | 94   | 41057    | 9.95   | ug/l    | 100      |
| 6) Chloroethane              | 1.935  | 64   | 40932    | 10.62  | ug/l    | 100      |
| 7) Trichlorofluoromethane    | 2.144  | 101  | 102671   | 9.81   | ug/l    | 100      |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.588  | 101  | 51122    | 9.67   | ug/l    | 100      |
| 9) 1,1-Dichloroethene        | 2.588  | 96   | 43606    | 9.73   | ug/l    | 100      |
| 10) Iodomethane              | 2.729  | 142  | 71664    | 9.89   | ug/l    | 100      |
| 11) Allyl Chloride           | 2.932  | 41   | 82132    | 9.71   | ug/l    | 100      |
| 12) Acrylonitrile            | 3.330  | 53   | 26187    | 20.51  | ug/l    | 100      |
| 13) Acetone                  | 2.639  | 43   | 49948    | 53.35  | ug/l    | 100      |
| 14) Carbon Disulfide         | 2.800  | 76   | 137027   | 9.81   | ug/l    | 100      |
| 15) Methylene Chloride       | 3.054  | 84   | 50159    | 8.76   | ug/l    | 100      |
| 16) trans-1,2-Dichloroethene | 3.362  | 96   | 46410    | 9.70   | ug/l    | 100      |
| 17) 1,1-Dichloroethane       | 3.880  | 63   | 96036    | 9.75   | ug/l    | 100      |
| 18) 2-Butanone               | 4.732  | 43   | 90441    | 50.57  | ug/l    | 100      |
| 19) Cyclohexane              | 5.391  | 56   | 82137m   | 10.13  | ug/l    |          |
| 20) Methylcyclohexane        | 6.771  | 83   | 76971    | 10.52  | ug/l    | 100      |
| 21) 2,2-Dichloropropane      | 4.678  | 77   | 87656    | 9.71   | ug/l    | 100      |
| 22) cis-1,2-Dichloroethene   | 4.678  | 96   | 52154    | 9.65   | ug/l    | 100      |
| 23) Diethyl Ether            | 2.385  | 59   | 37886    | 10.00  | ug/l    | 100      |
| 24) tert-Butyl Alcohol       | 3.215  | 59   | 31677    | 125.44 | ug/l    | 100      |
| 25) Methyl tert-Butyl Ether  | 3.379  | 73   | 127230   | 9.67   | ug/l    | 100      |
| 26) Bromochloromethane       | 4.986  | 128  | 25760    | 9.78   | ug/l    | 100      |
| 27) Chloroform               | 5.099  | 83   | 99685    | 9.52   | ug/l    | 100      |
| 28) 1,1,1-Trichloroethane    | 5.324  | 97   | 91984    | 9.75   | ug/l    | 100      |
| 29) 1,1-Dichloropropene      | 5.533  | 75   | 65689    | 9.94   | ug/l    | 100      |
| 30) Carbon Tetrachloride     | 5.530  | 117  | 73632    | 9.87   | ug/l    | 100      |
| 31) Isopropyl Ether          | 4.012  | 45   | 170847   | 9.76   | ug/l    | 100      |
| 32) Ethyl-t-butyl ether      | 4.523  | 59   | 152924   | 9.78   | ug/l    | 100      |
| 33) Tert-Amyl methyl ether   | 5.960  | 73   | 118140   | 10.17  | ug/l    | 100      |
| 34) Propionitrile            | 4.803  | 54   | 23461    | 59.48  | ug/l    | 100      |
| 35) Benzene                  | 5.784  | 78   | 182406   | 9.90   | ug/l    | 100      |
| 36) 1,2-Dichloroethane       | 5.806  | 62   | 68758    | 9.53   | ug/l    | 100      |
| 37) Trichloroethene          | 6.552  | 130  | 49878    | 9.84   | ug/l    | 100      |
| 38) 1,2-Dichloropropane      | 6.803  | 63   | 52203    | 10.03  | ug/l    | 100      |
| 39) Methacrylonitrile        | 4.996  | 41   | 24923    | 9.25   | ug/l    | 100      |
| 40) Methyl acrylate          | 4.864  | 55   | 36256    | 10.51  | ug/l    | 100      |
| 41) Tetrahydrofuran          | 5.079  | 42   | 24071    | 19.55  | ug/l    | 100      |
| 42) 1-Chlorobutane           | 5.469  | 56   | 93757    | 9.61   | ug/l    | 100      |
| 43) Dibromomethane           | 6.931  | 93   | 30284    | 10.21  | ug/l    | 100      |
| 44) Bromodichloromethane     | 7.118  | 83   | 69183    | 10.11  | ug/l    | 100      |

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 Sample : VSTDICCC010  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICCC010

Manual Integrations  
 APPROVED

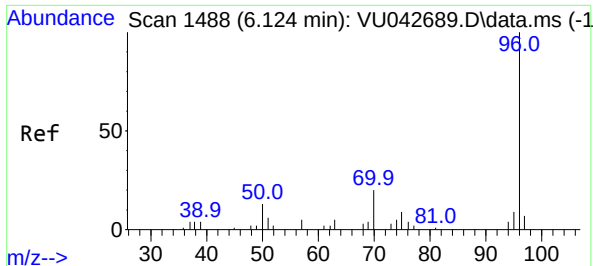
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Quant Time: Mar 18 03:53:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U031721DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Thu Mar 18 03:47:11 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.812  | 43   | 231946   | 52.24 | ug/l  | 100      |
| 46) t-1,4-Dichloro-2-butene   | 10.841 | 75   | 34993m   | 24.16 | ug/l  |          |
| 47) Methyl methacrylate       | 6.980  | 69   | 54575    | 21.14 | ug/l  | 100      |
| 48) Ethyl methacrylate        | 8.346  | 69   | 54700    | 10.68 | ug/l  | 100      |
| 49) Toluene                   | 7.980  | 92   | 122221   | 10.82 | ug/l  | 100      |
| 50) t-1,3-Dichloropropene     | 8.221  | 75   | 66497    | 10.62 | ug/l  | 100      |
| 51) cis-1,3-Dichloropropene   | 7.620  | 75   | 71402    | 10.49 | ug/l  | 100      |
| 52) 1,1,2-Trichloroethane     | 8.411  | 97   | 39975    | 9.92  | ug/l  | 100      |
| 53) 1,3-Dichloropropane       | 8.587  | 76   | 70105    | 10.11 | ug/l  | 100      |
| 54) 2-Hexanone                | 8.703  | 43   | 170226   | 54.82 | ug/l  | 100      |
| 55) Dibromochloromethane      | 8.819  | 129  | 49668    | 10.43 | ug/l  | 100      |
| 56) 1,2-Dibromoethane         | 8.935  | 107  | 40104    | 10.03 | ug/l  | 100      |
| 58) Tetrachloroethene         | 8.562  | 164  | 53459    | 10.02 | ug/l  | 100      |
| 59) Chlorobenzene             | 9.456  | 112  | 134087   | 10.45 | ug/l  | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.546  | 131  | 53531    | 10.47 | ug/l  | 100      |
| 61) Pentachloroethane         | 11.436 | 117  | 41331    | 10.71 | ug/l  | 100      |
| 62) Hexachloroethane          | 12.484 | 117  | 44705    | 11.08 | ug/l  | 100      |
| 63) Ethyl Benzene             | 9.578  | 91   | 243573   | 11.17 | ug/l  | 100      |
| 64) m/p-Xylenes               | 9.703  | 106  | 189275   | 22.35 | ug/l  | 100      |
| 65) o-Xylene                  | 10.108 | 106  | 90267    | 10.91 | ug/l  | 100      |
| 66) Styrene                   | 10.124 | 104  | 160653   | 11.67 | ug/l  | 100      |
| 67) Bromoform                 | 10.301 | 173  | 34202    | 11.08 | ug/l  | 100      |
| 69) Isopropylbenzene          | 10.494 | 105  | 247695   | 10.95 | ug/l  | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.793 | 83   | 56049    | 10.31 | ug/l  | 100      |
| 71) 1,2,3-Trichloropropane    | 10.835 | 75   | 44595m   | 9.46  | ug/l  |          |
| 72) Bromobenzene              | 10.790 | 156  | 65888    | 10.41 | ug/l  | 100      |
| 73) n-propylbenzene           | 10.915 | 120  | 70830    | 11.40 | ug/l  | 100      |
| 74) 2-Chlorotoluene           | 10.996 | 126  | 62416    | 10.95 | ug/l  | 100      |
| 75) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 231006   | 11.61 | ug/l  | 100      |
| 76) 4-Chlorotoluene           | 11.108 | 126  | 67704    | 11.42 | ug/l  | 100      |
| 77) tert-Butylbenzene         | 11.430 | 119  | 222526   | 11.20 | ug/l  | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 238442   | 11.54 | ug/l  | 100      |
| 79) sec-Butylbenzene          | 11.652 | 105  | 302703   | 11.57 | ug/l  | 100      |
| 80) Nitrobenzene              | 13.217 | 77   | 8100     | 57.41 | ug/l  | 100      |
| 81) p-Isopropyltoluene        | 11.803 | 119  | 258923   | 11.69 | ug/l  | 100      |
| 82) 1,3-Dichlorobenzene       | 11.754 | 146  | 134732   | 11.12 | ug/l  | 100      |
| 83) 1,4-Dichlorobenzene       | 11.844 | 146  | 136604   | 11.07 | ug/l  | 100      |
| 84) n-Butylbenzene            | 12.217 | 91   | 252242   | 12.08 | ug/l  | 100      |
| 85) 1,2-Dichlorobenzene       | 12.221 | 146  | 132124   | 10.87 | ug/l  | 100      |
| 86) 1,2-Dibromo-3-Chloropr... | 13.005 | 75   | 11416    | 11.35 | ug/l  | 100      |
| 87) 1,2,4-Trichlorobenzene    | 13.851 | 180  | 92352    | 11.85 | ug/l  | 100      |
| 88) Hexachlorobutadiene       | 14.031 | 225  | 59488    | 11.57 | ug/l  | 100      |
| 89) Naphthalene               | 14.098 | 128  | 154513   | 11.58 | ug/l  | 100      |
| 90) 1,2,3-Trichlorobenzene    | 14.340 | 180  | 88535    | 11.89 | ug/l  | 100      |

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





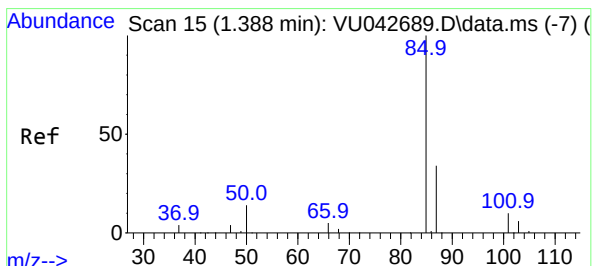
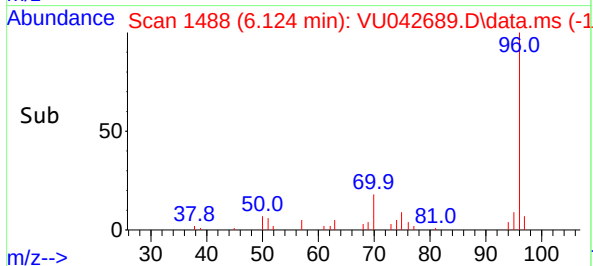
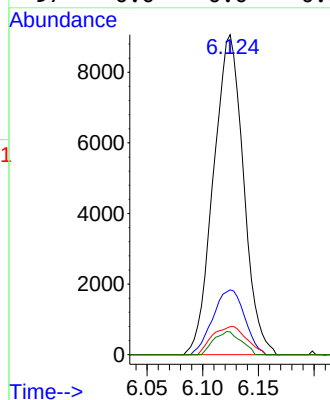
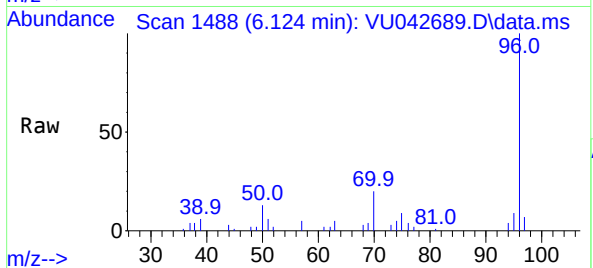
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Fluorobenzene  
Concen: 1.00 ug/l  
RT: 6.124 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 16991 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 21.5  | 17.2  | 25.8  |
| 95       | 10.0  | 8.0   | 12.0  |
| 97       | 0.0   | 0.0   | 0.0   |

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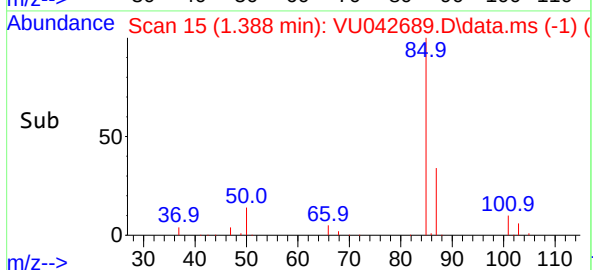
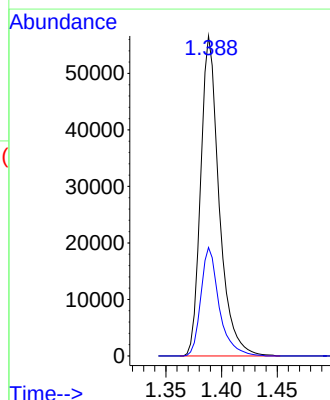
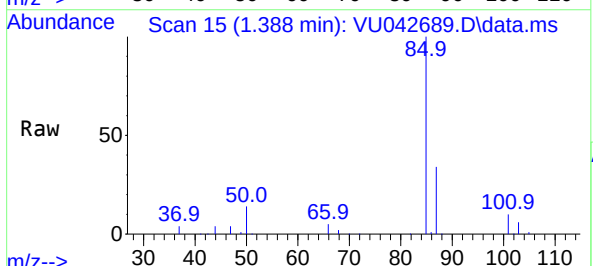
Manual Integrations  
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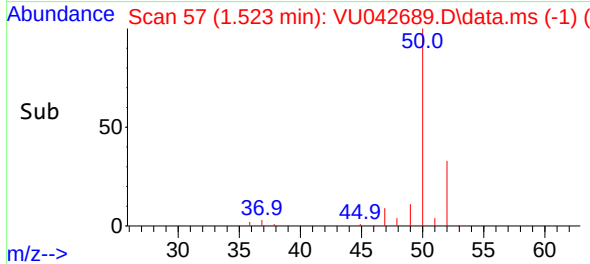
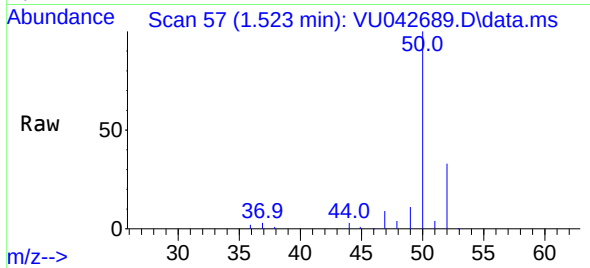
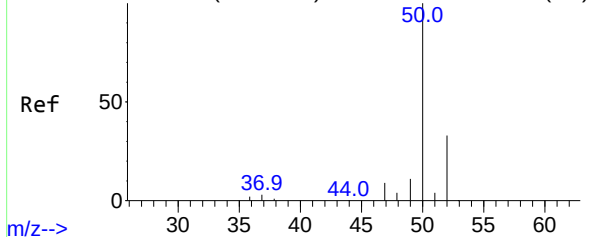


#2  
Dichlorodifluoromethane  
Concen: 9.61 ug/l  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 65330 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 33.9  | 17.0  | 50.9  |

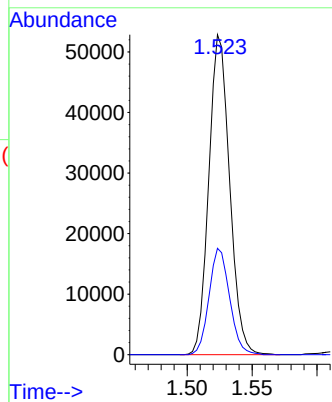


Abundance Scan 57 (1.523 min): VU042689.D\data.ms (-48)



#3  
Chloromethane  
Concen: 9.30 ug/l  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

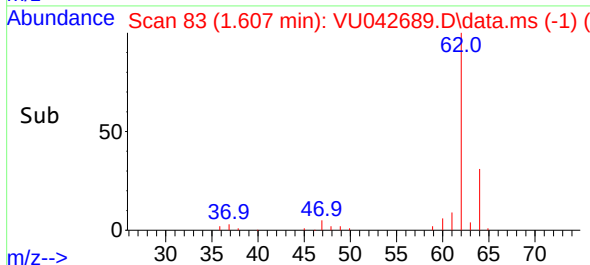
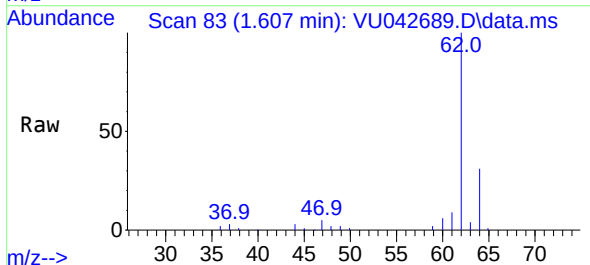
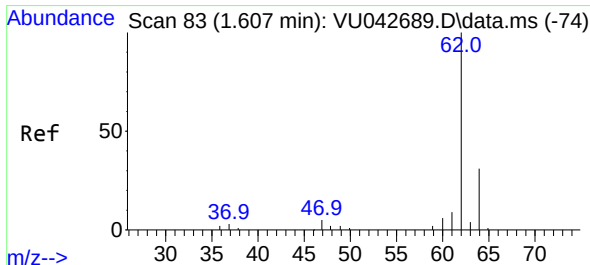
Tgt Ion: 50 Resp: 58883  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.6 40.0



Instrument :  
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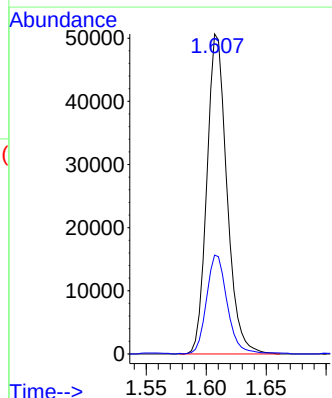
Manual Integrations  
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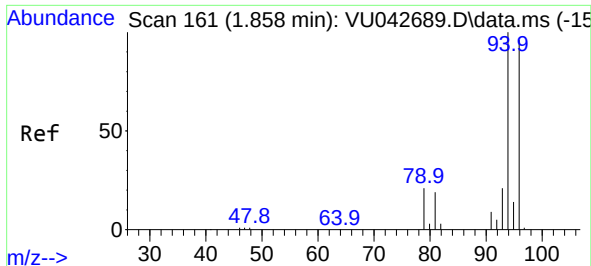
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3/25/2021 1:07:30 PM



#4  
Vinyl Chloride  
Concen: 9.80 ug/l  
RT: 1.607 min Scan# 83  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 62 Resp: 58929  
Ion Ratio Lower Upper  
62 100  
64 30.7 24.6 36.8





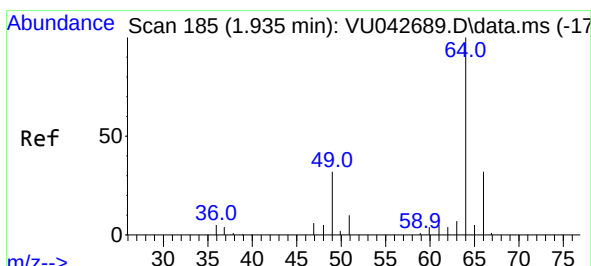
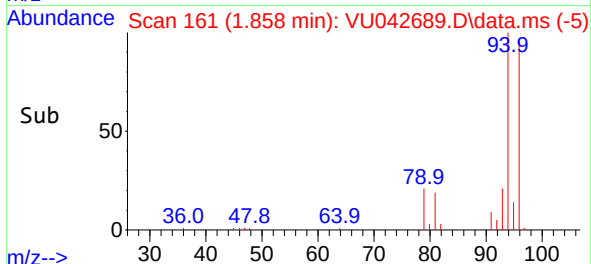
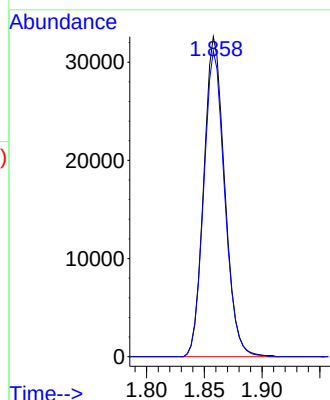
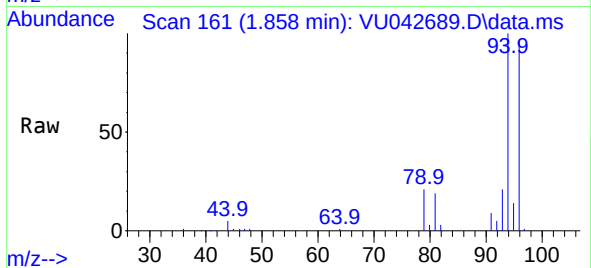
#5  
Bromomethane  
Concen: 9.95 ug/l  
RT: 1.858 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 94 Resp: 41057  
Ion Ratio Lower Upper  
94 100  
96 95.5 76.4 114.6

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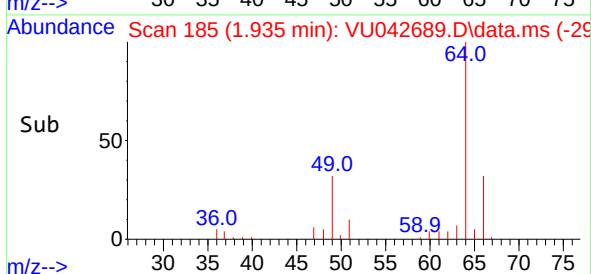
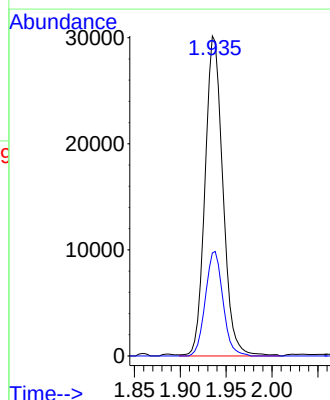
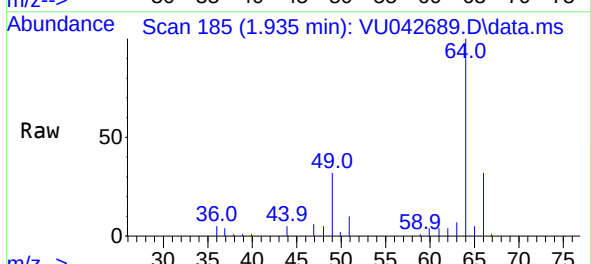
Manual Integrations  
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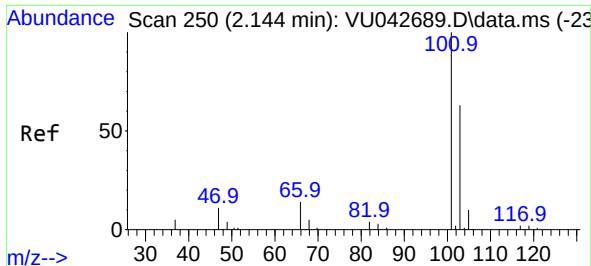
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#6  
Chloroethane  
Concen: 10.62 ug/l  
RT: 1.935 min Scan# 185  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 64 Resp: 40932  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.8 38.6





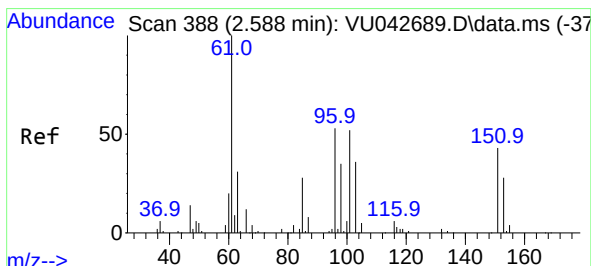
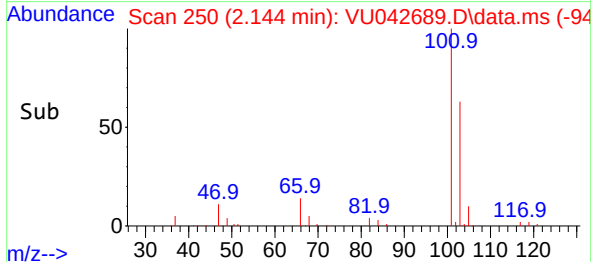
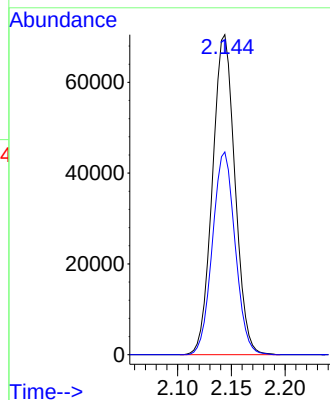
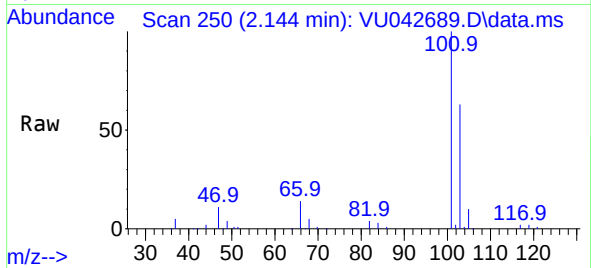
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Trichlorofluoromethane  
Concen: 9.81 ug/l  
RT: 2.144 min Scan# 250  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:101 Resp: 102671  
Ion Ratio Lower Upper  
101 100  
103 63.4 50.7 76.1

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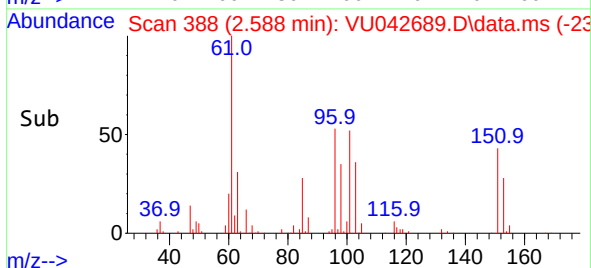
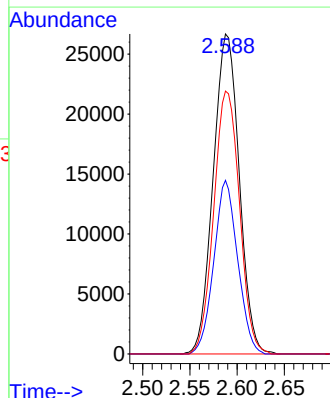
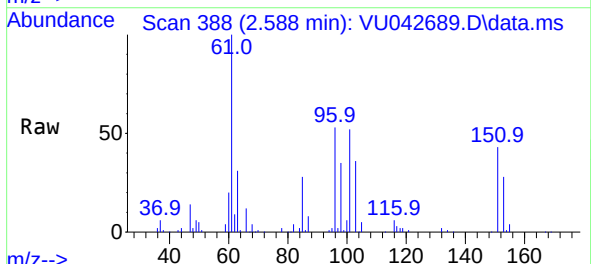
Manual Integrations  
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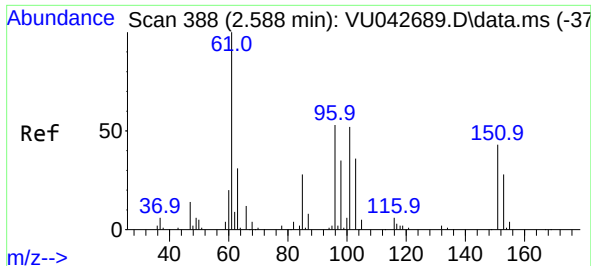
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#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 9.67 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:101 Resp: 51122  
Ion Ratio Lower Upper  
101 100  
85 49.6 39.7 59.5  
151 81.3 65.0 97.6





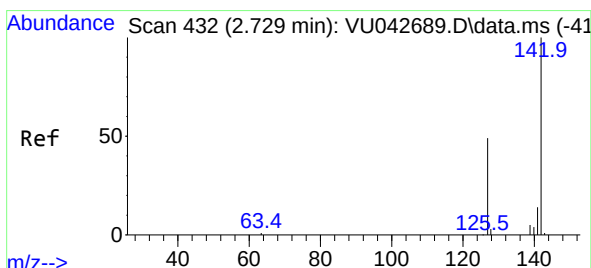
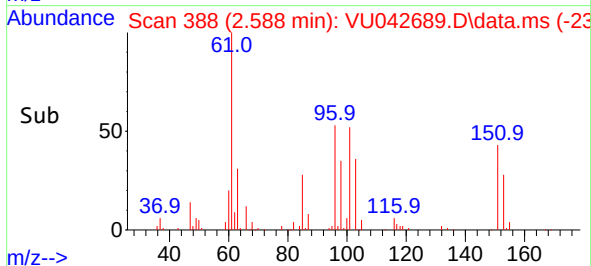
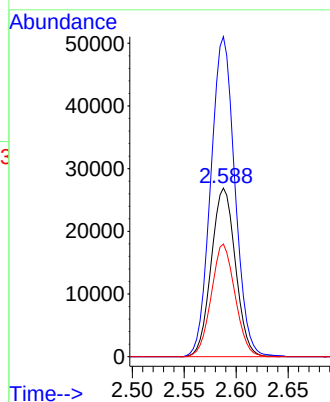
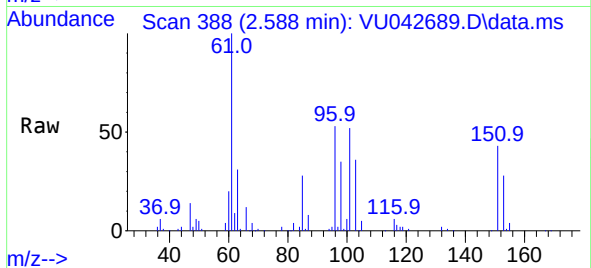
#9  
1,1-Dichloroethene  
Concen: 9.73 ug/l  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 96 Resp: 43606  
Ion Ratio Lower Upper  
96 100  
61 189.7 0.0 569.1  
98 66.8 0.0 133.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

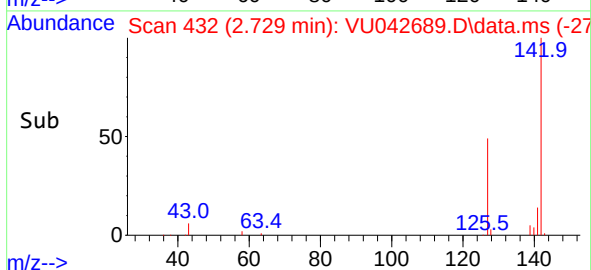
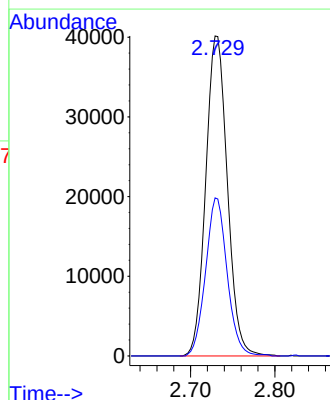
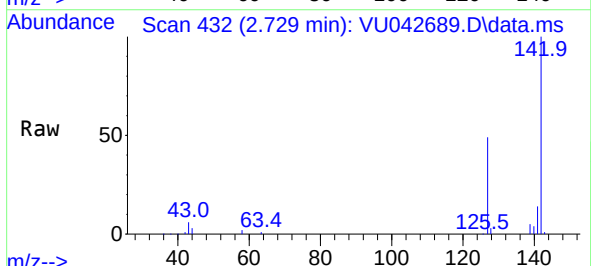
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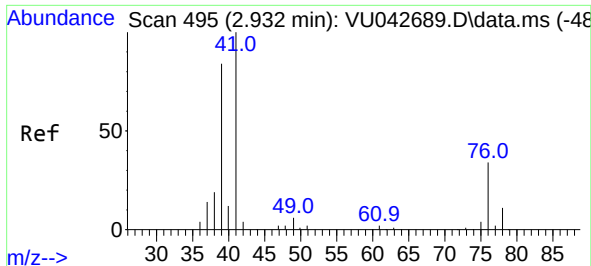


#10  
Iodomethane  
Concen: 9.89 ug/l  
RT: 2.729 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 142 Resp: 71664  
Ion Ratio Lower Upper  
142 100  
127 49.2 39.4 59.0

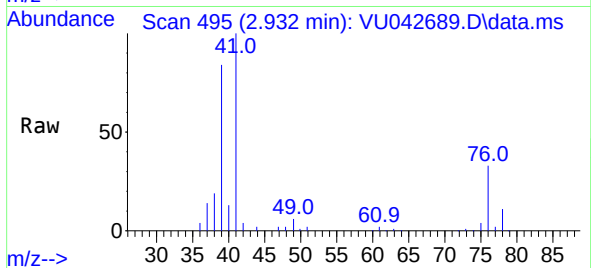






#11  
Allyl Chloride  
Concen: 9.71 ug/l  
RT: 2.932 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

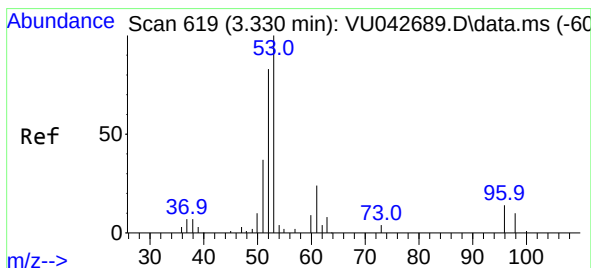
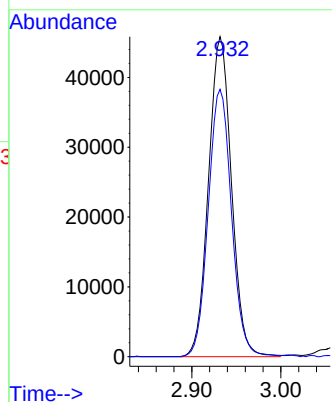
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



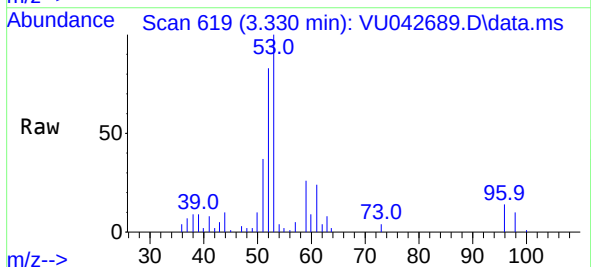
Tgt Ion: 41 Resp: 82132  
Ion Ratio Lower Upper  
41 100  
39 84.7 67.8 101.6

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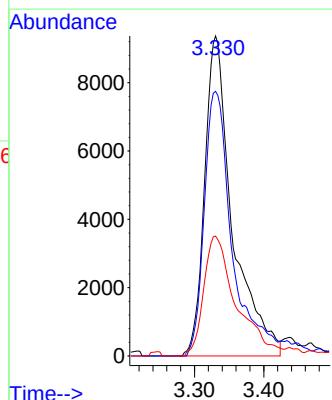
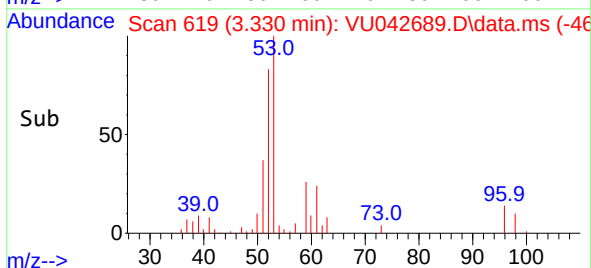
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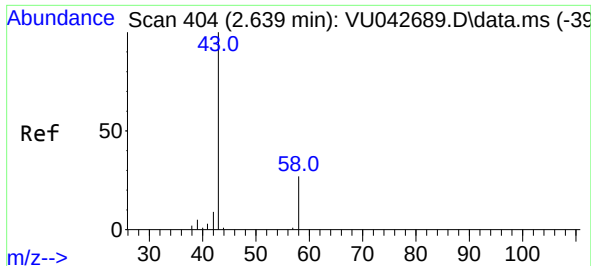


#12  
Acrylonitrile  
Concen: 20.51 ug/l  
RT: 3.330 min Scan# 619  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 53 Resp: 26187  
Ion Ratio Lower Upper  
53 100  
52 82.3 65.8 98.8  
51 44.0 35.2 52.8





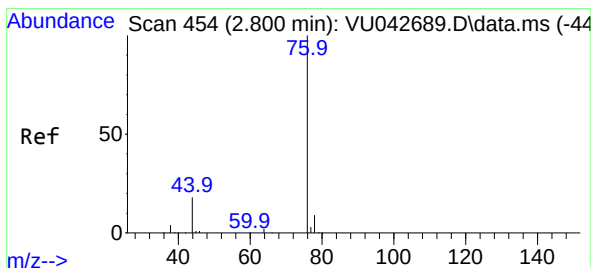
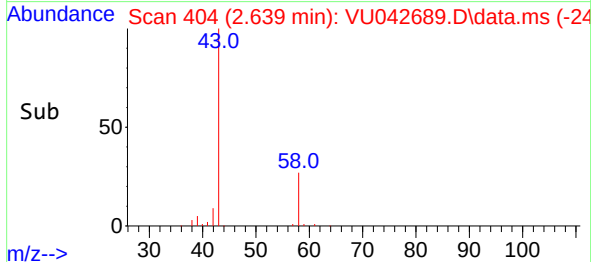
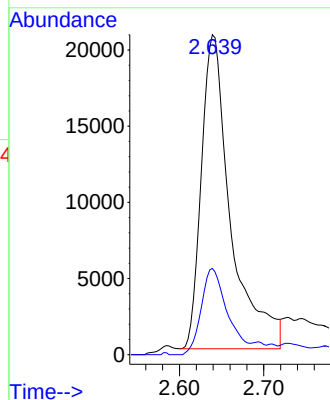
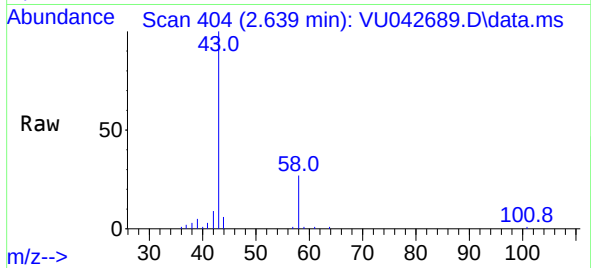
#13  
Acetone  
Concen: 53.35 ug/l  
RT: 2.639 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 43 Resp: 49948  
Ion Ratio Lower Upper  
43 100  
58 27.4 21.9 32.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
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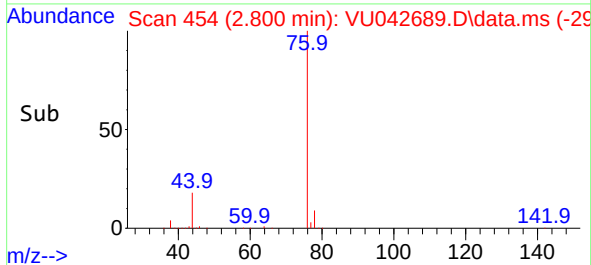
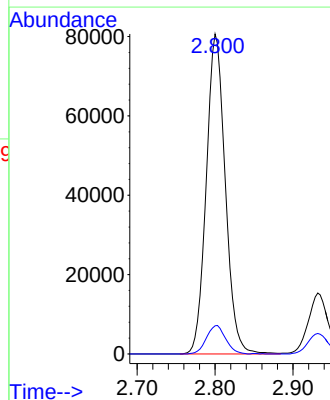
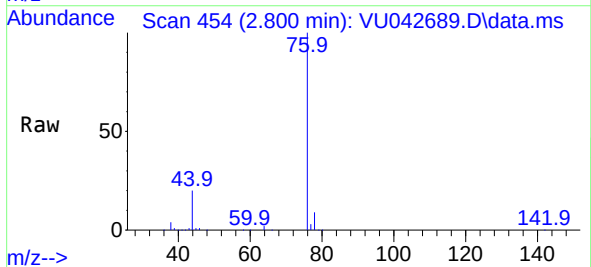
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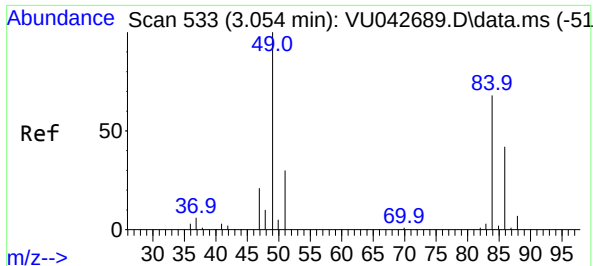
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#14  
Carbon Disulfide  
Concen: 9.81 ug/l  
RT: 2.800 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

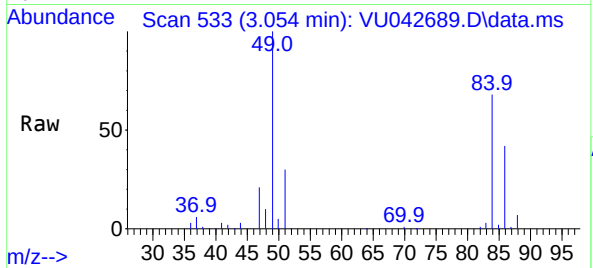
Tgt Ion: 76 Resp: 137027  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.0 10.6





#15  
Methylene Chloride  
Concen: 8.76 ug/l  
RT: 3.054 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

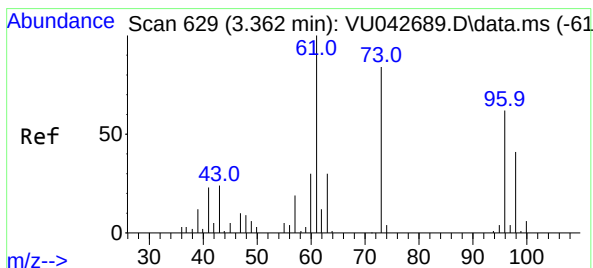
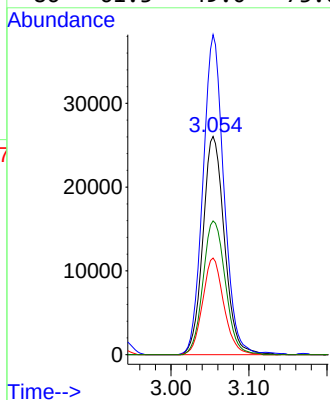


Tgt Ion: 84 Resp: 50159

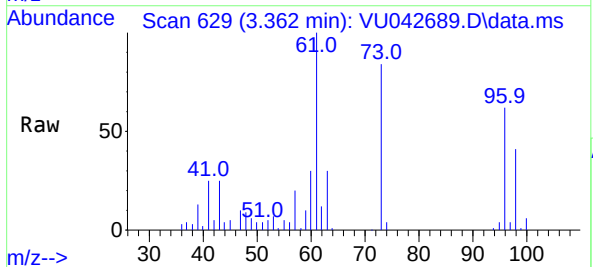
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 146.7 | 117.4 | 176.0 |
| 51  | 44.3  | 0.0   | 88.6  |
| 86  | 61.3  | 49.0  | 73.6  |

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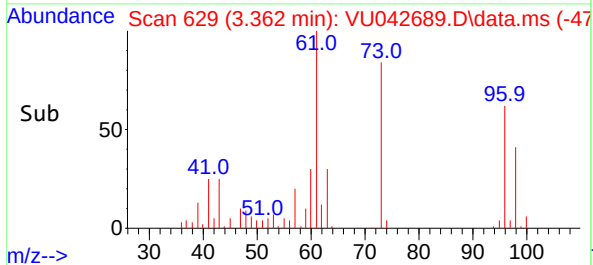
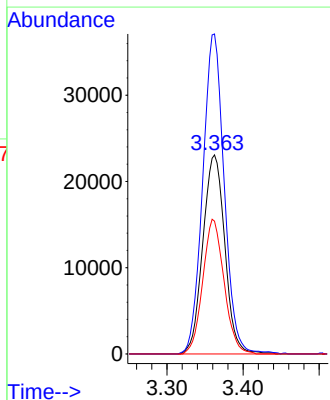


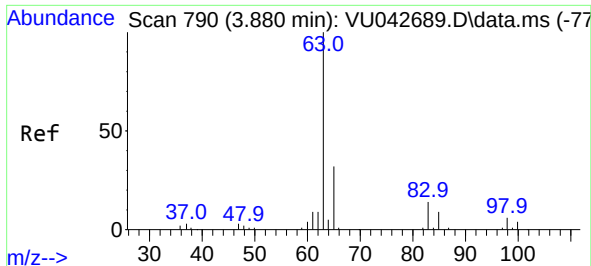
#16  
trans-1,2-Dichloroethene  
Concen: 9.70 ug/l  
RT: 3.362 min Scan# 629  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 96 Resp: 46410

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 160.7 | 128.6 | 192.8 |
| 98  | 66.7  | 53.4  | 80.0  |





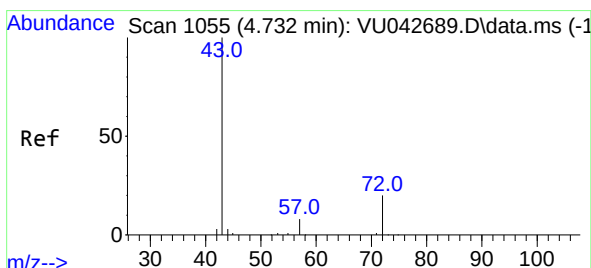
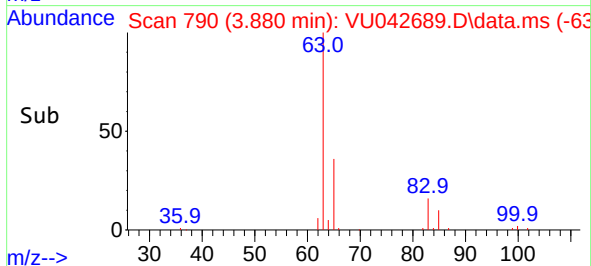
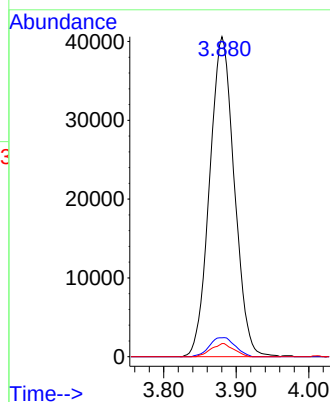
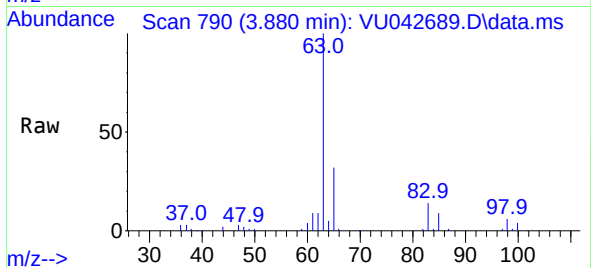
#17  
1,1-Dichloroethane  
Concen: 9.75 ug/l  
RT: 3.880 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 63 Resp: 96036  
Ion Ratio Lower Upper  
63 100  
98 5.9 2.9 8.8  
100 4.1 2.1 6.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
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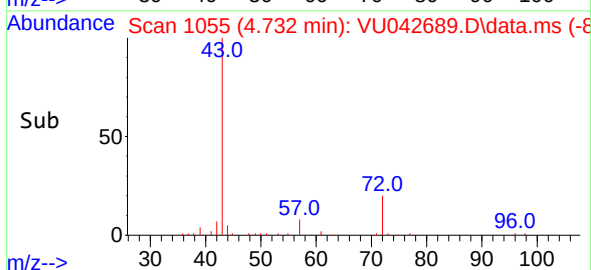
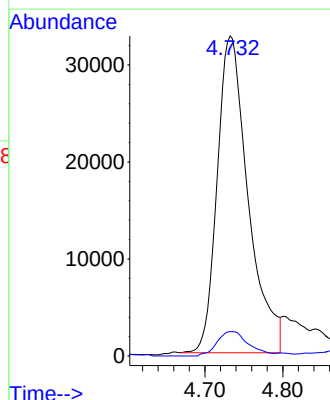
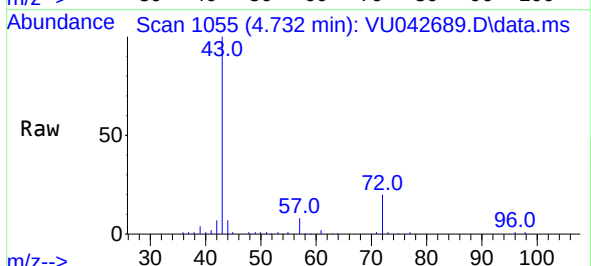
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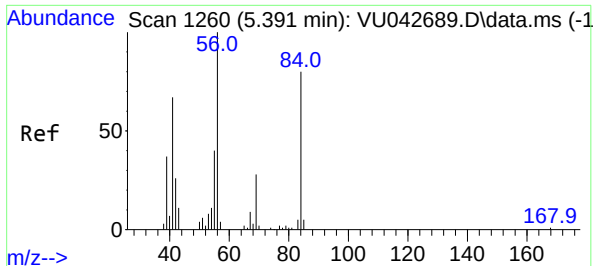
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#18  
2-Butanone  
Concen: 50.57 ug/l  
RT: 4.732 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

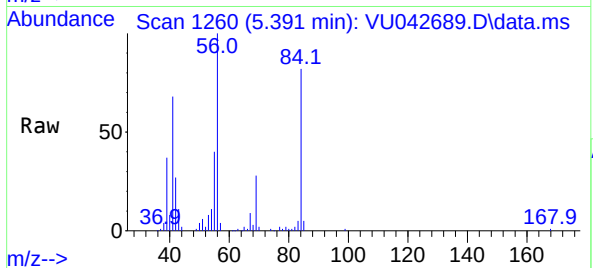
Tgt Ion: 43 Resp: 90441  
Ion Ratio Lower Upper  
43 100  
57 7.7 0.0 15.4





#19  
Cyclohexane  
Concen: 10.13 ug/l m  
RT: 5.391 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

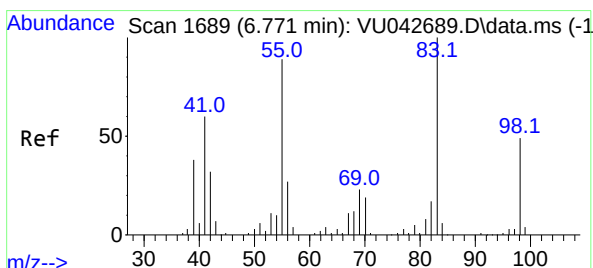
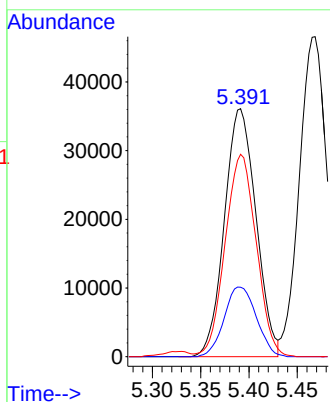
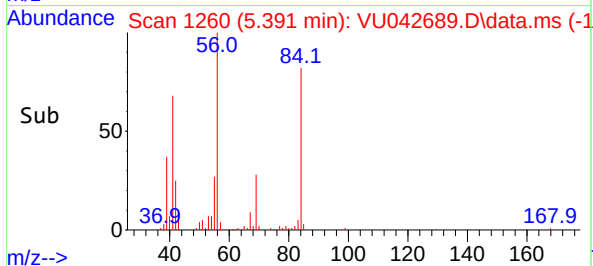
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



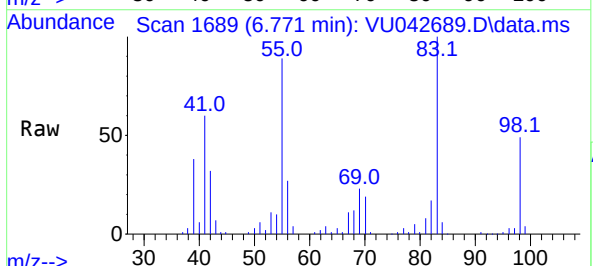
Tgt Ion: 56 Resp: 82137  
Ion Ratio Lower Upper  
56 100  
69 28.6 22.9 34.3  
84 78.8 63.0 94.6

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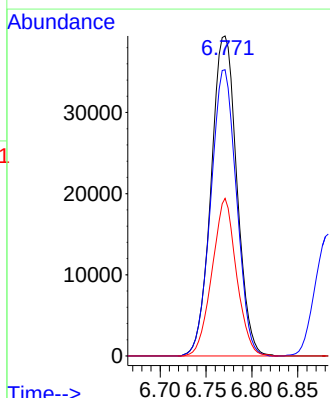
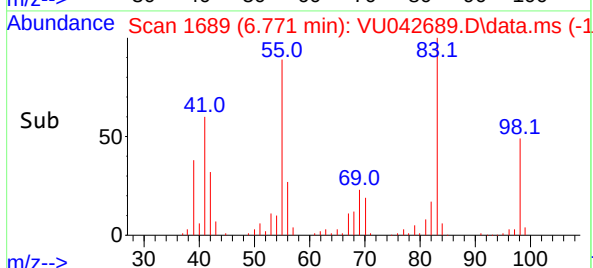
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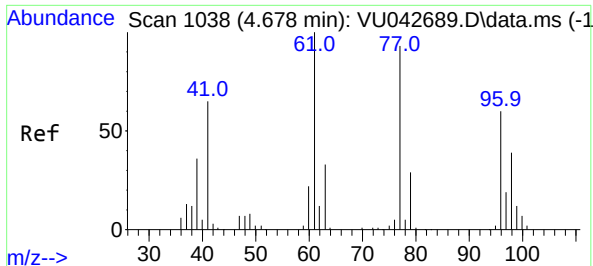


#20  
Methylcyclohexane  
Concen: 10.52 ug/l  
RT: 6.771 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 83 Resp: 76971  
Ion Ratio Lower Upper  
83 100  
55 89.3 71.4 107.2  
98 46.6 37.3 55.9





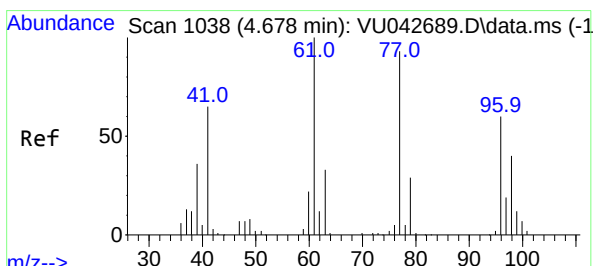
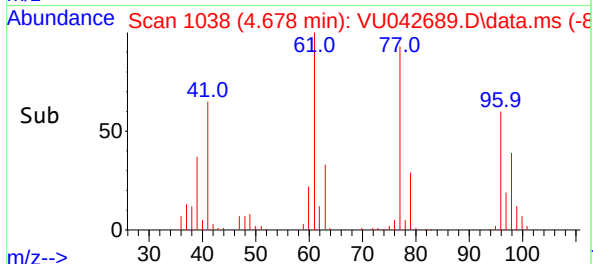
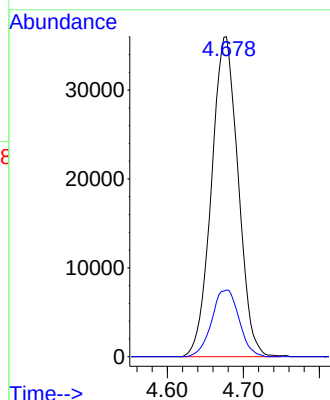
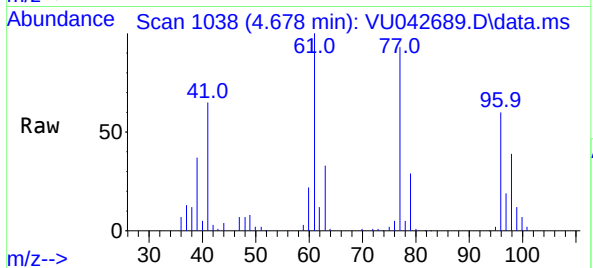
#21  
2,2-Dichloropropane  
Concen: 9.71 ug/l  
RT: 4.678 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 77 Resp: 87656  
Ion Ratio Lower Upper  
77 100  
97 21.4 17.1 25.7

Instrument :  
MSVOA\_U  
ClientSampleId :  
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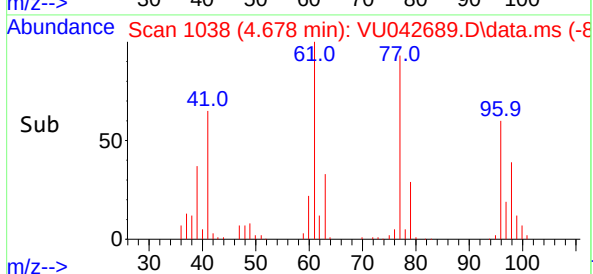
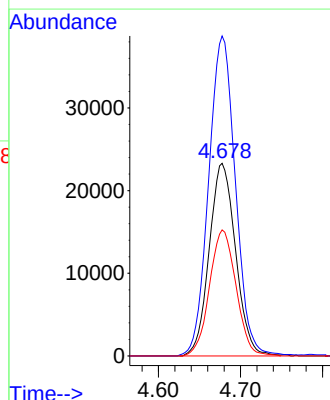
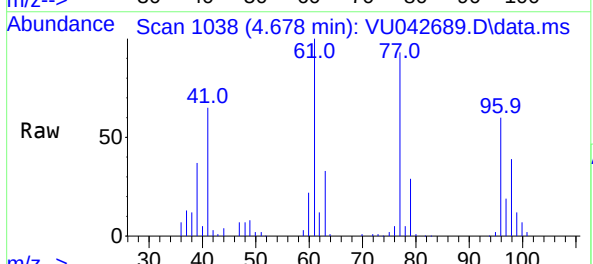
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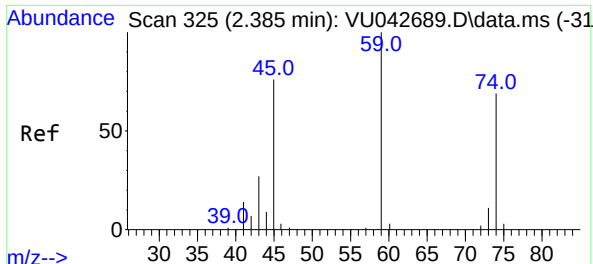
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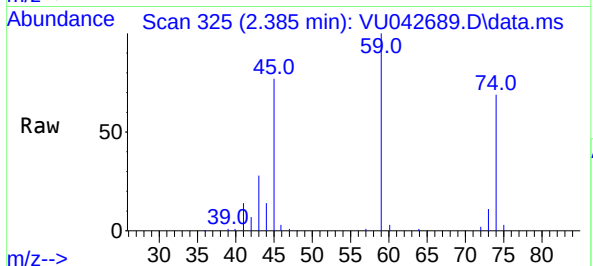
#22  
cis-1,2-Dichloroethene  
Concen: 9.65 ug/l  
RT: 4.678 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 96 Resp: 52154  
Ion Ratio Lower Upper  
96 100  
61 168.3 0.0 420.8  
98 65.8 32.9 98.7

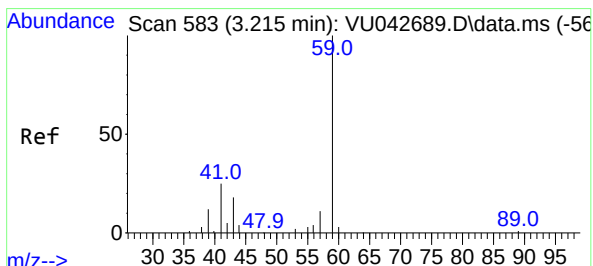
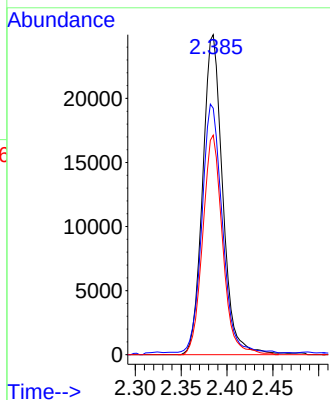
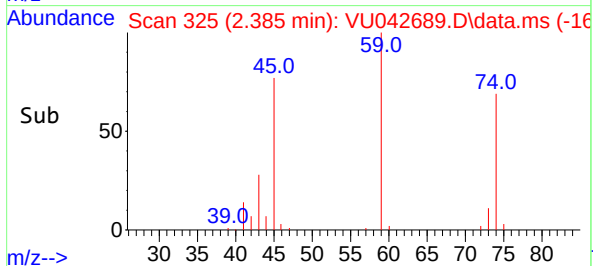




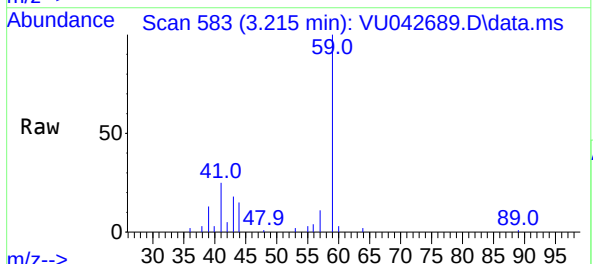
#23  
Diethyl Ether  
Concen: 10.00 ug/l  
RT: 2.385 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



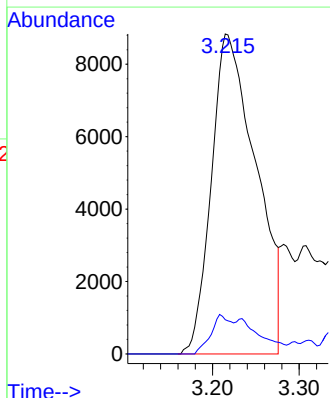
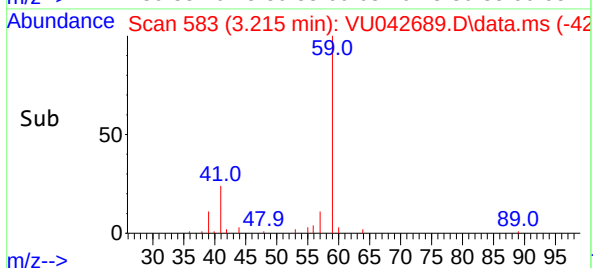
Tgt Ion: 59 Resp: 37886  
Ion Ratio Lower Upper  
59 100  
45 79.2 63.4 95.0  
74 68.1 54.5 81.7



#24  
tert-Butyl Alcohol  
Concen: 125.44 ug/l  
RT: 3.215 min Scan# 583  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



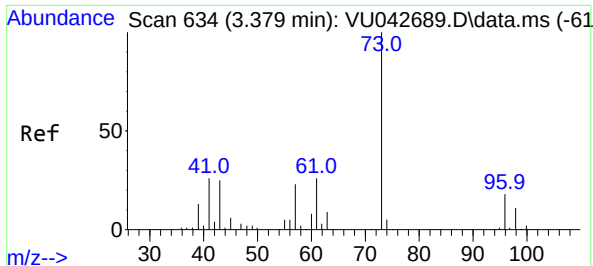
Tgt Ion: 59 Resp: 31677  
Ion Ratio Lower Upper  
59 100  
57 5.7 4.6 6.8



Instrument :  
MSVOA\_U  
ClientSampleId :  
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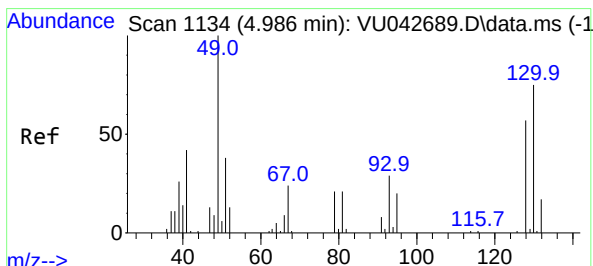
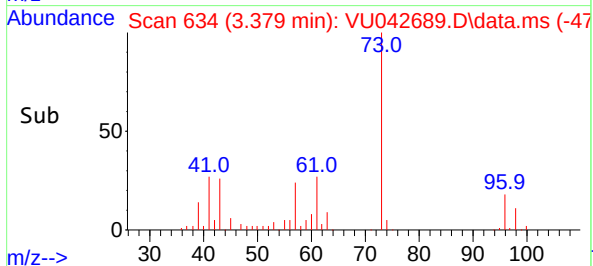
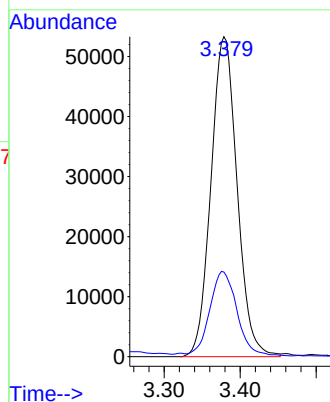
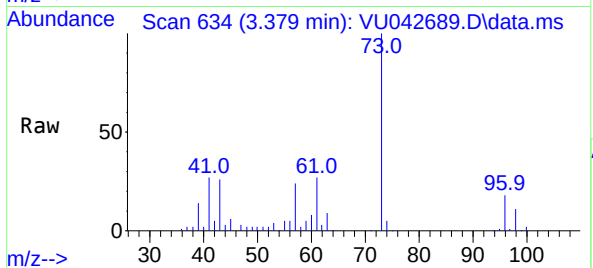
#25  
Methyl tert-Butyl Ether  
Concen: 9.67 ug/l  
RT: 3.379 min Scan# 634  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 73 Resp: 127230  
Ion Ratio Lower Upper  
73 100  
43 27.4 21.9 32.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

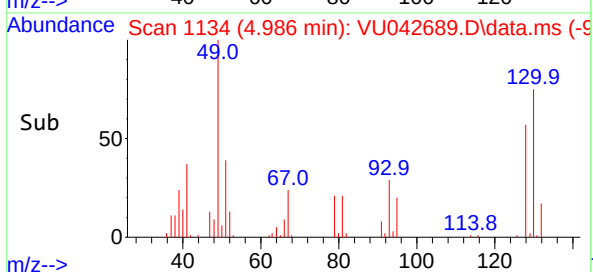
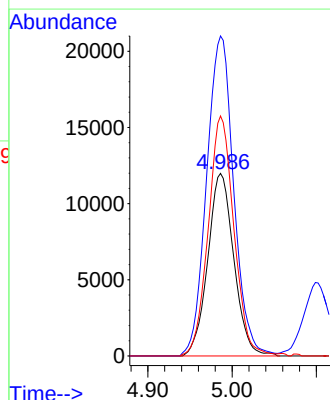
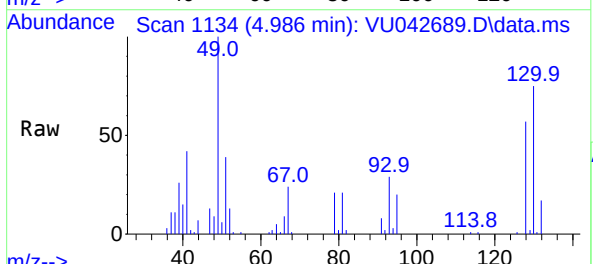
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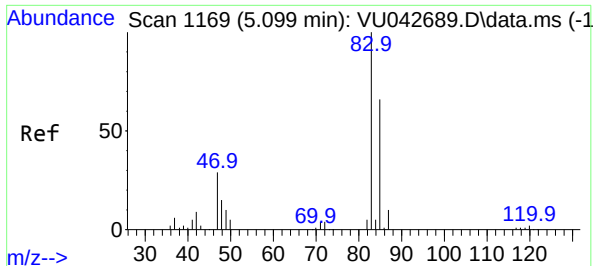


#26  
Bromochloromethane  
Concen: 9.78 ug/l  
RT: 4.986 min Scan# 1134  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 128 Resp: 25760  
Ion Ratio Lower Upper  
128 100  
49 182.0 0.0 364.0  
130 129.4 103.5 155.3







#27

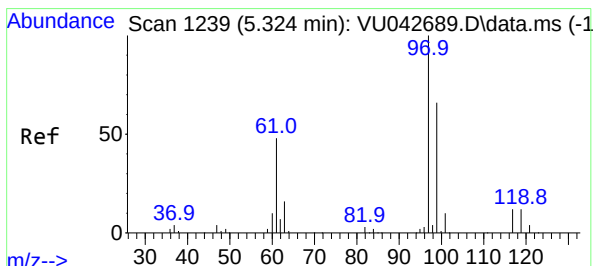
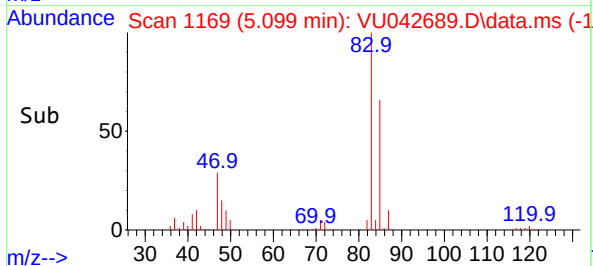
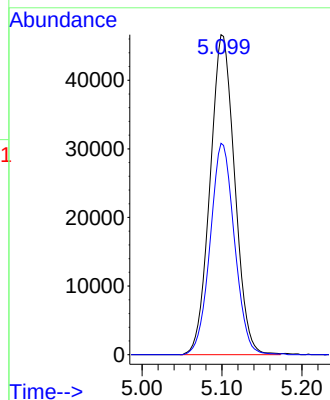
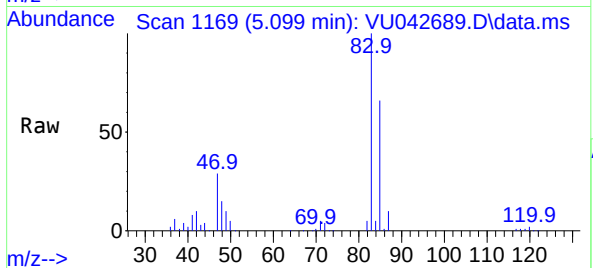
Chloroform  
Concen: 9.52 ug/l  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 83 Resp: 99685  
Ion Ratio Lower Upper  
83 100  
85 66.1 0.0 132.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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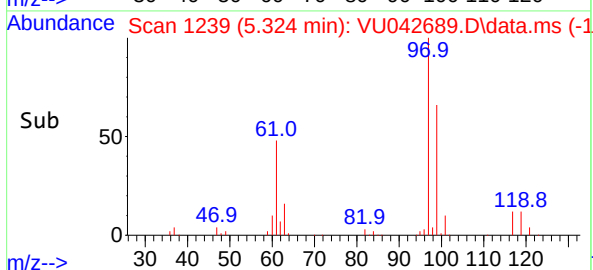
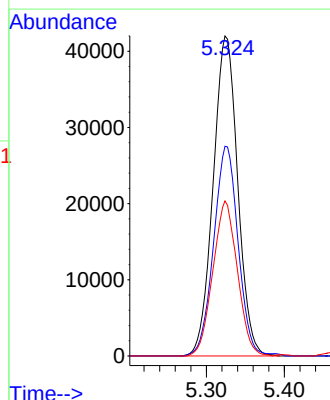
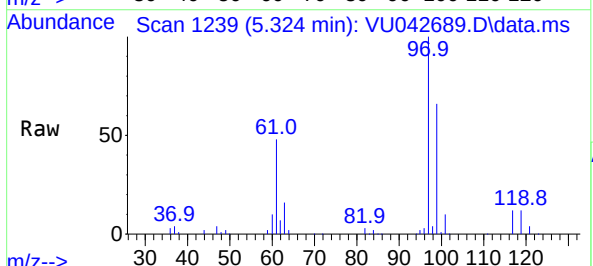
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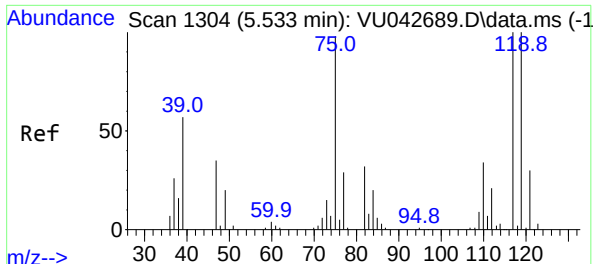


#28

1,1,1-Trichloroethane  
Concen: 9.75 ug/l  
RT: 5.324 min Scan# 1239  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 97 Resp: 91984  
Ion Ratio Lower Upper  
97 100  
99 65.5 32.8 98.3  
61 48.3 24.1 72.4





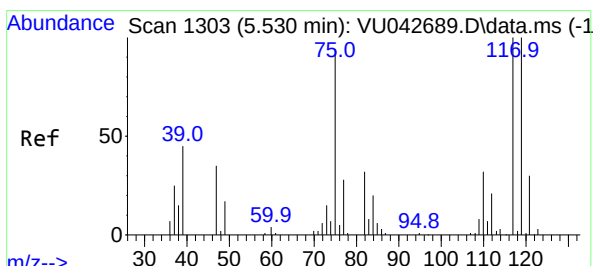
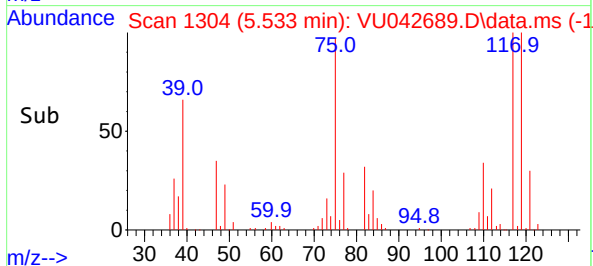
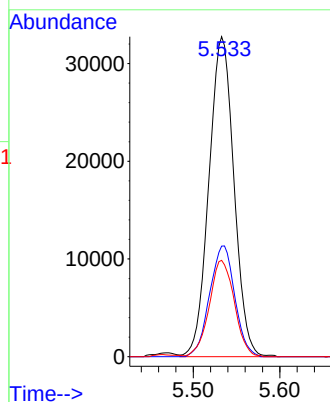
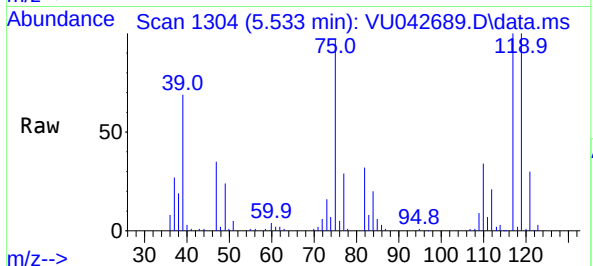
#29  
1,1-Dichloropropene  
Concen: 9.94 ug/l  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 65689 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 34.8  | 17.4  | 52.2  |
| 77        | 30.1  | 24.1  | 36.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

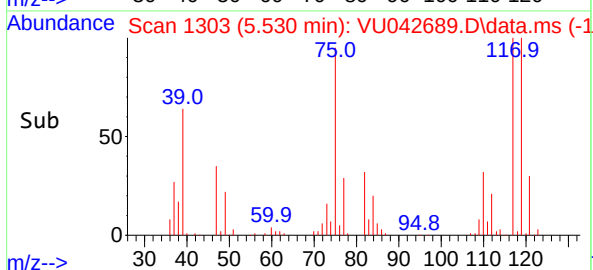
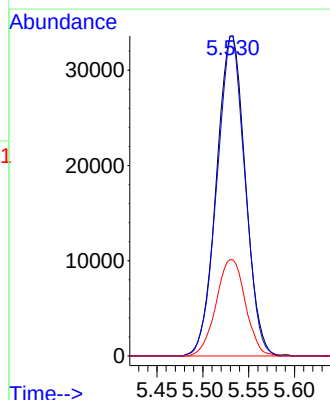
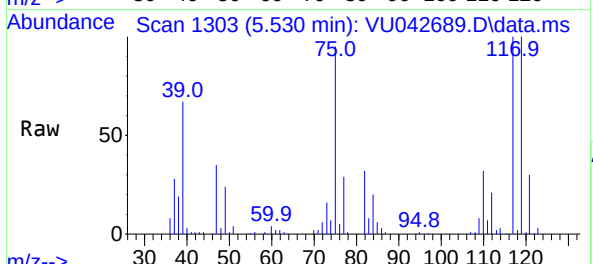
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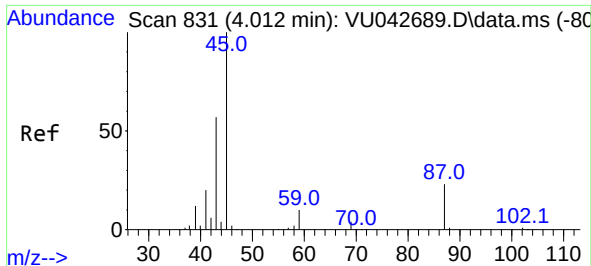
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#30  
Carbon Tetrachloride  
Concen: 9.87 ug/l  
RT: 5.530 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 73632 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.8  | 79.8  | 119.8 |
| 121       | 30.1  | 24.1  | 36.1  |





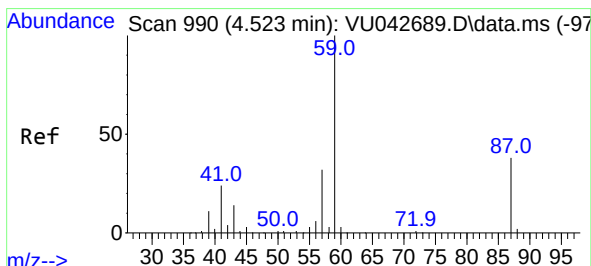
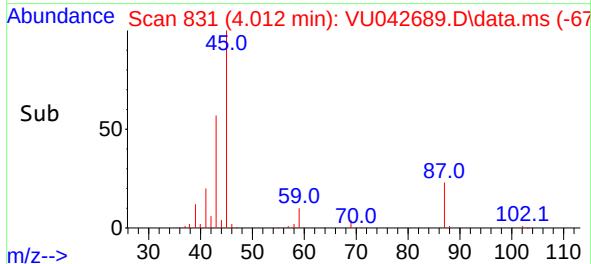
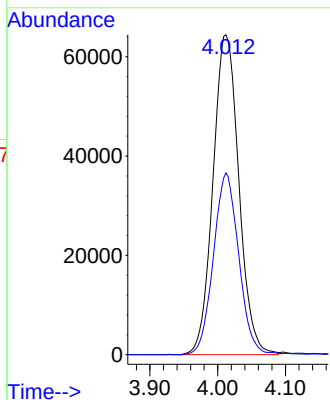
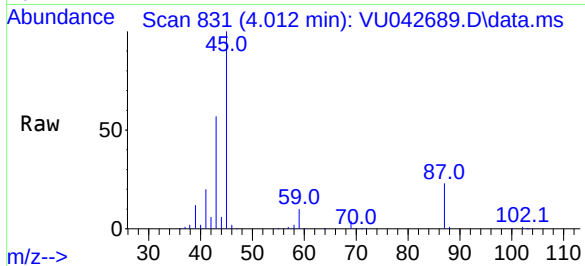
#31  
Isopropyl Ether  
Concen: 9.76 ug/l  
RT: 4.012 min Scan# 831  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 45 Resp: 170847  
Ion Ratio Lower Upper  
45 100  
43 55.5 27.8 83.3

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

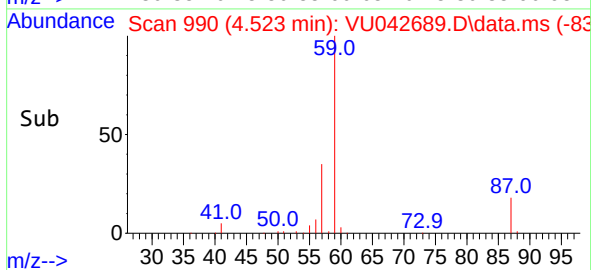
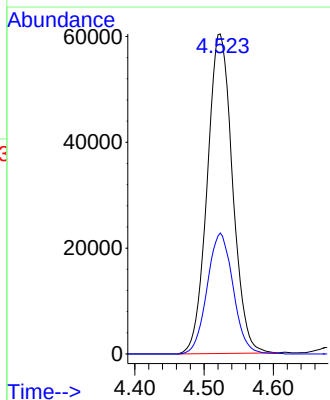
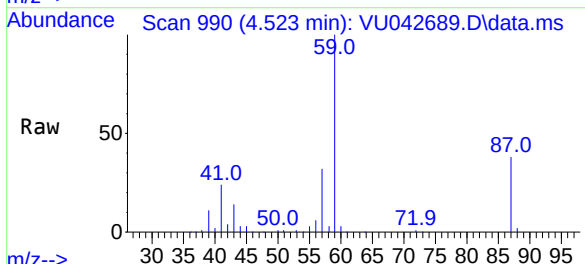
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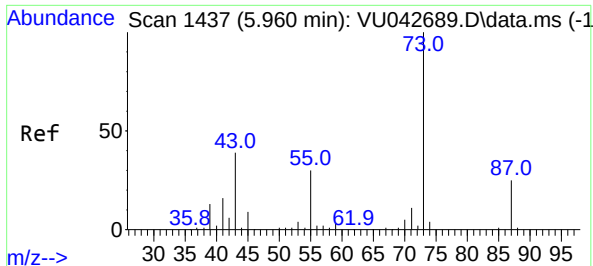
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#32  
Ethyl-t-butyl ether  
Concen: 9.78 ug/l  
RT: 4.523 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

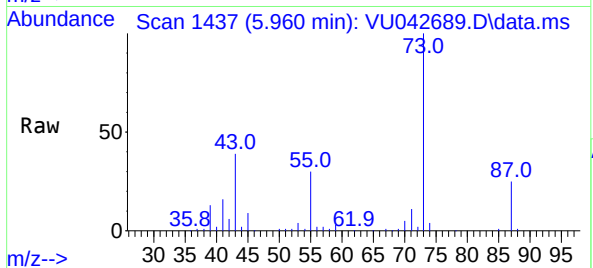
Tgt Ion: 59 Resp: 152924  
Ion Ratio Lower Upper  
59 100  
87 38.9 31.1 46.7





#33  
Tert-Amyl methyl ether  
Concen: 10.17 ug/l  
RT: 5.960 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

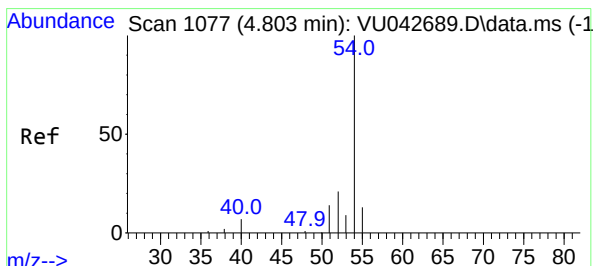
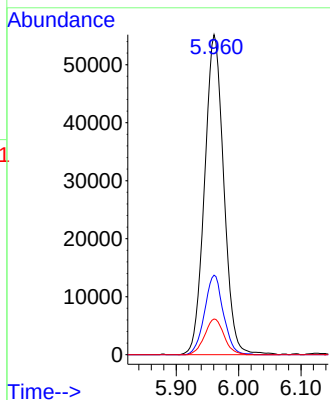
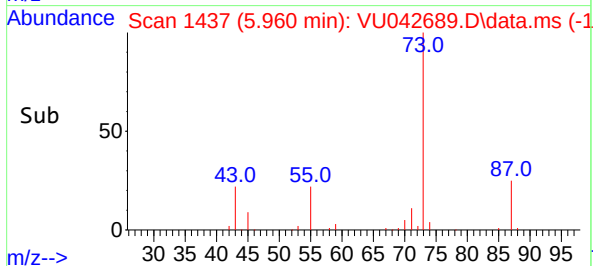
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



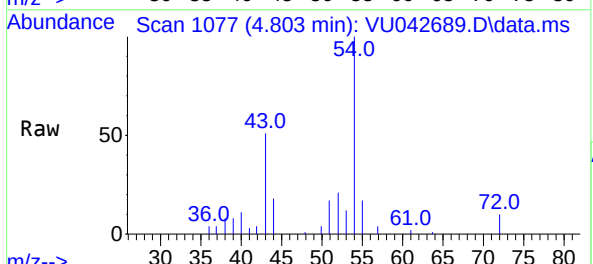
Tgt Ion: 73 Resp: 118140  
Ion Ratio Lower Upper  
73 100  
87 24.4 19.5 29.3  
71 11.3 9.0 13.6

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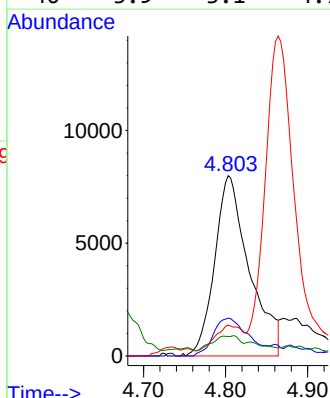
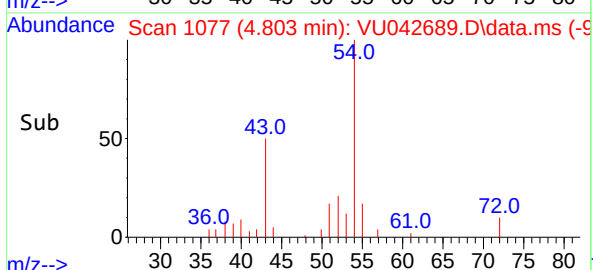
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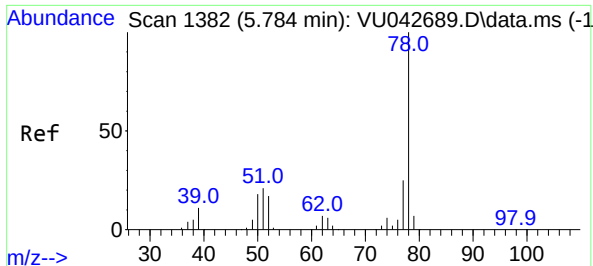


#34  
Propionitrile  
Concen: 59.48 ug/l  
RT: 4.803 min Scan# 1077  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 54 Resp: 23461  
Ion Ratio Lower Upper  
54 100  
52 21.5 17.2 25.8  
55 11.4 9.1 13.7  
40 3.9 3.1 4.7





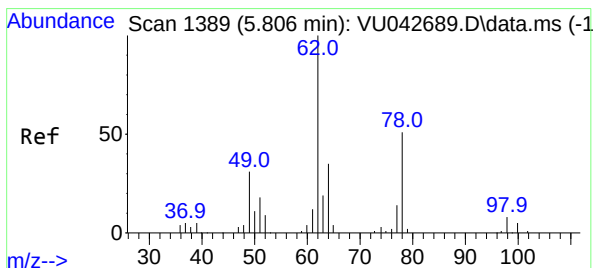
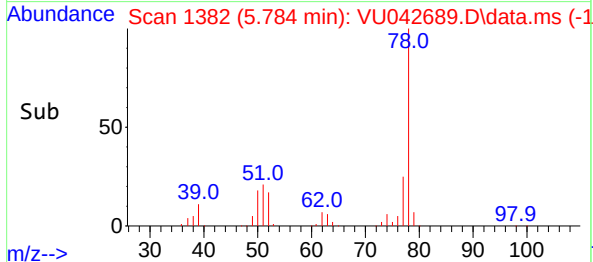
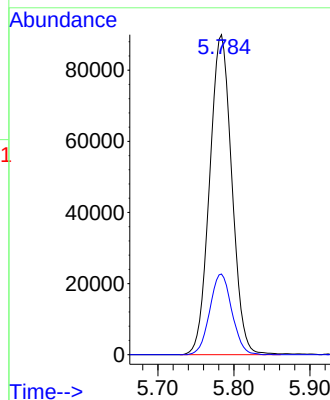
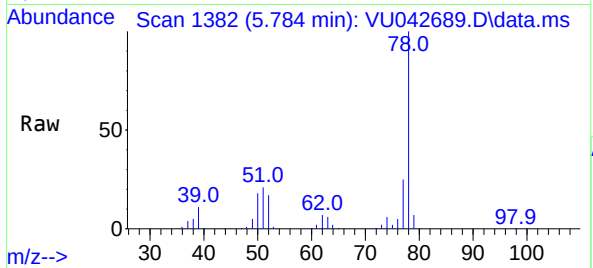
#35  
Benzene  
Concen: 9.90 ug/l  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 78 Resp: 182406  
Ion Ratio Lower Upper  
78 100  
77 25.2 20.2 30.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
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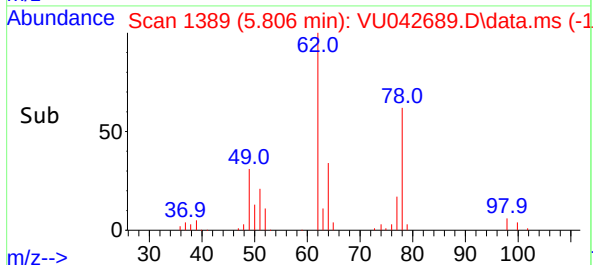
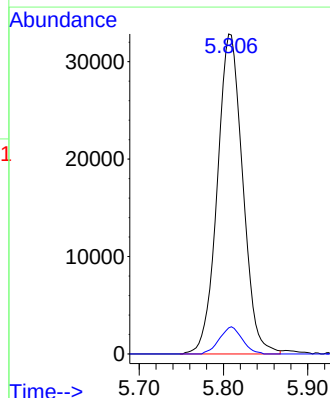
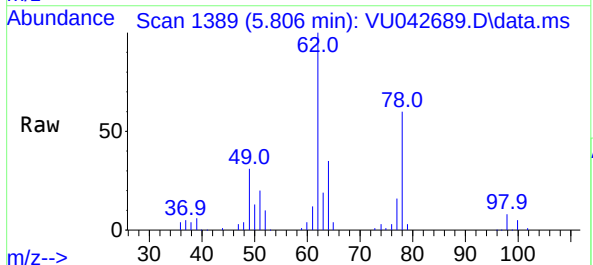
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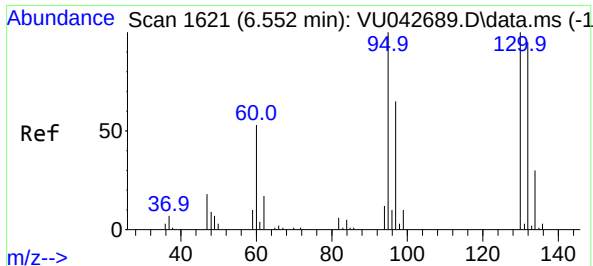
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#36  
1,2-Dichloroethane  
Concen: 9.53 ug/l  
RT: 5.806 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 62 Resp: 68758  
Ion Ratio Lower Upper  
62 100  
98 7.6 6.1 9.1





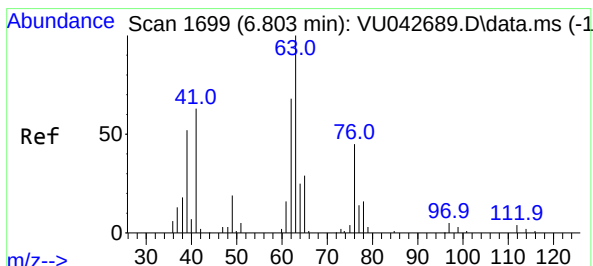
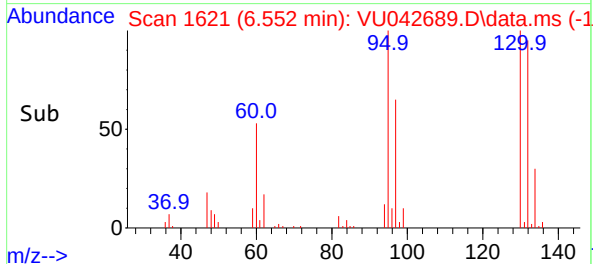
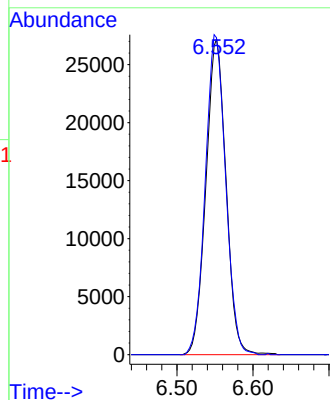
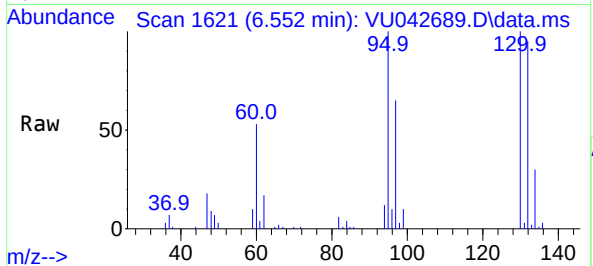
#37  
Trichloroethene  
Concen: 9.84 ug/l  
RT: 6.552 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:130 Resp: 49878  
Ion Ratio Lower Upper  
130 100  
95 100.4 80.3 120.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

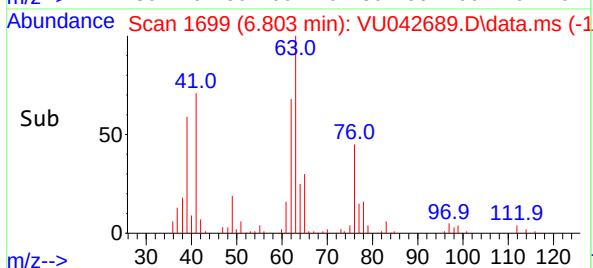
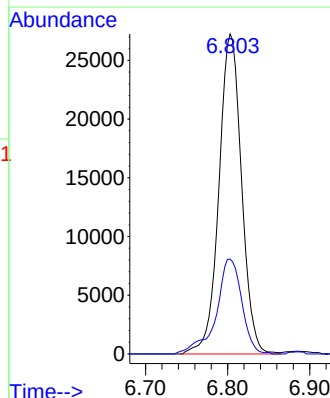
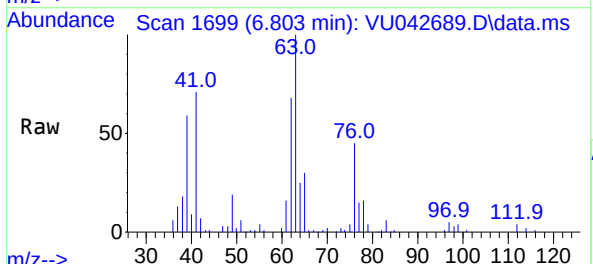
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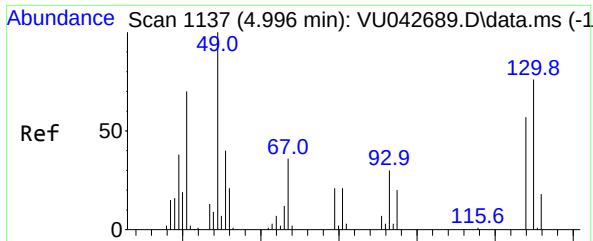
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#38  
1,2-Dichloropropane  
Concen: 10.03 ug/l  
RT: 6.803 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 63 Resp: 52203  
Ion Ratio Lower Upper  
63 100  
65 29.7 23.8 35.6





#39  
Methacrylonitrile  
Concen: 9.25 ug/l  
RT: 4.996 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

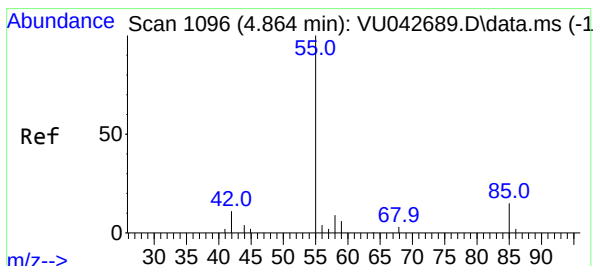
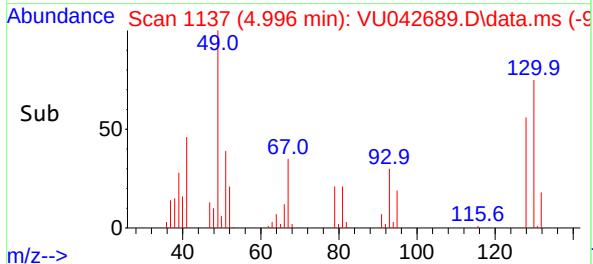
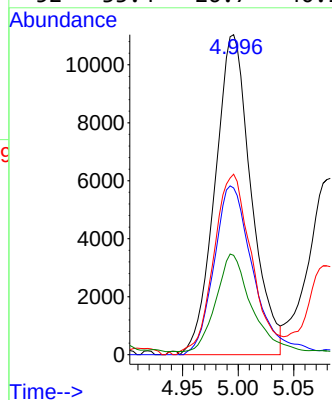
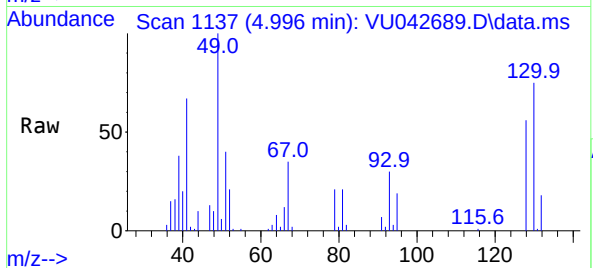
Tgt Ion: 41 Resp: 24923

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 67  | 57.5  | 46.0  | 69.0  |
| 39  | 59.5  | 47.6  | 71.4  |
| 52  | 33.4  | 26.7  | 40.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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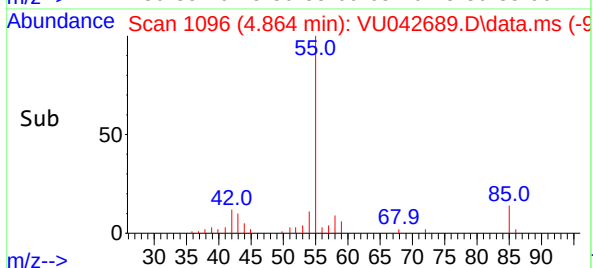
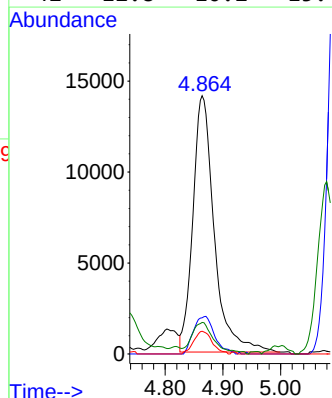
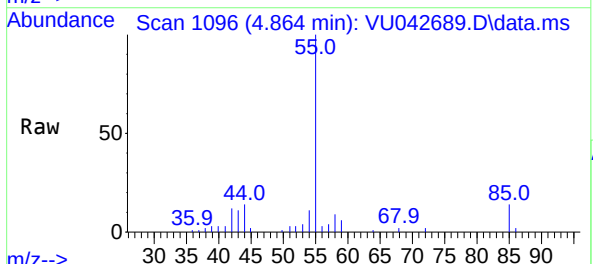
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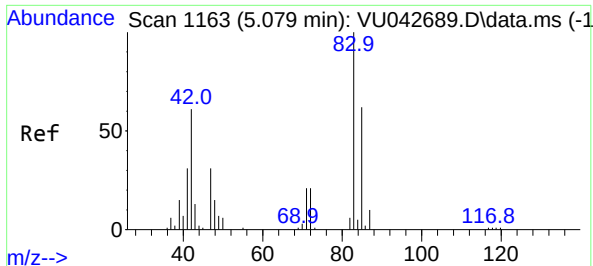


#40  
Methyl acrylate  
Concen: 10.51 ug/l  
RT: 4.864 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 55 Resp: 36256

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 55  | 100   |       |       |
| 85  | 14.4  | 11.5  | 17.3  |
| 58  | 7.6   | 6.1   | 9.1   |
| 42  | 12.8  | 10.2  | 15.4  |





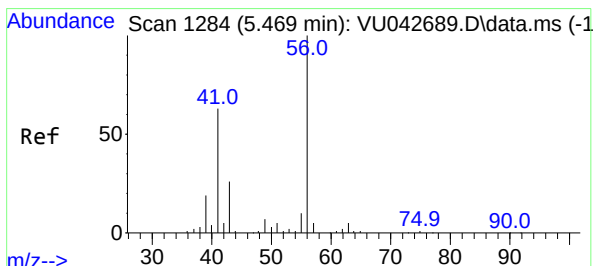
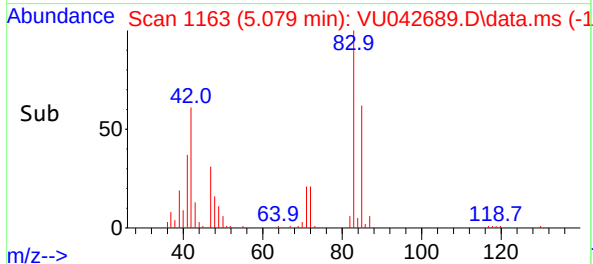
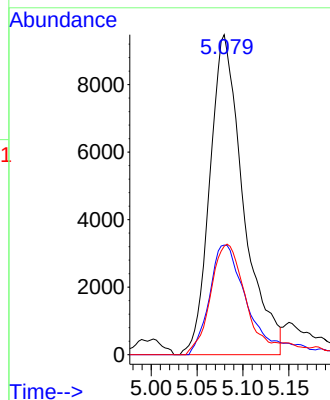
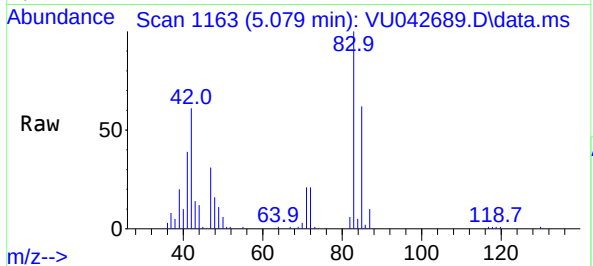
#41  
Tetrahydrofuran  
Concen: 19.55 ug/l  
RT: 5.079 min Scan# 1163  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 24071 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 39.6  | 31.7  | 47.5  |
| 71        | 36.2  | 29.0  | 43.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

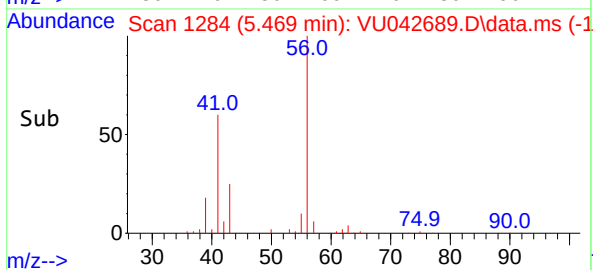
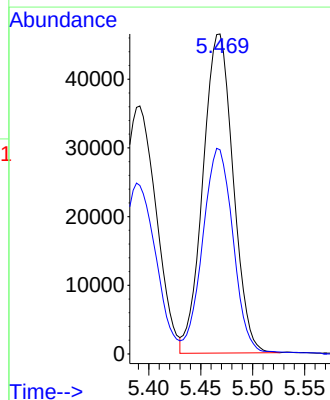
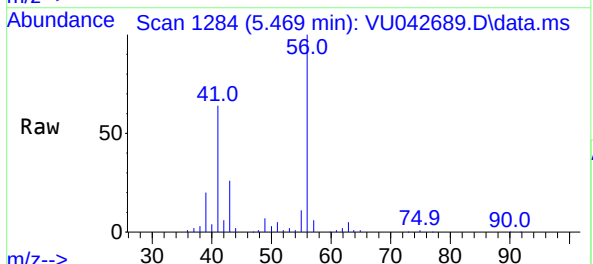
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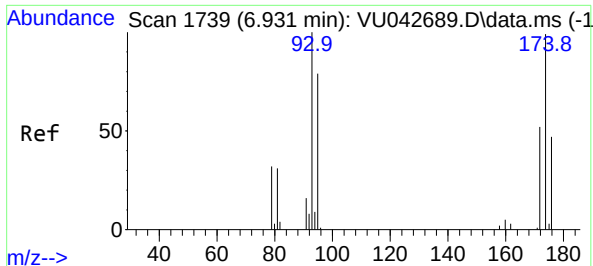


#42  
1-Chlorobutane  
Concen: 9.61 ug/l  
RT: 5.469 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 93757 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 41        | 65.8  | 32.9  | 98.7  |







#43  
Dibromomethane  
Concen: 10.21 ug/l  
RT: 6.931 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

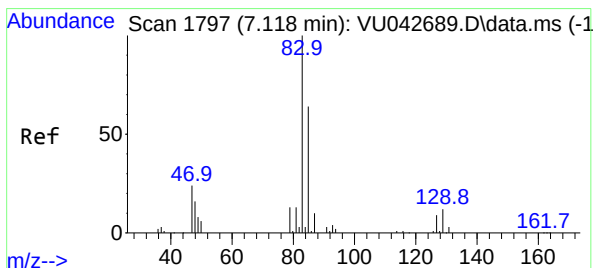
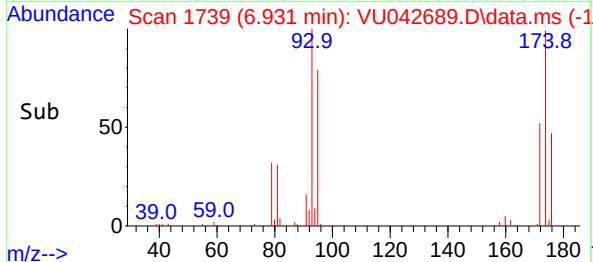
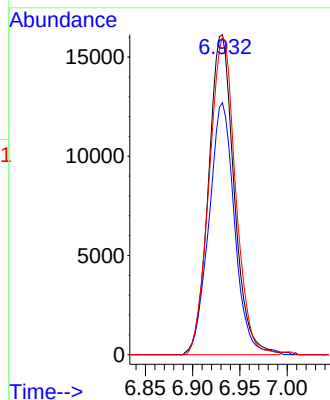
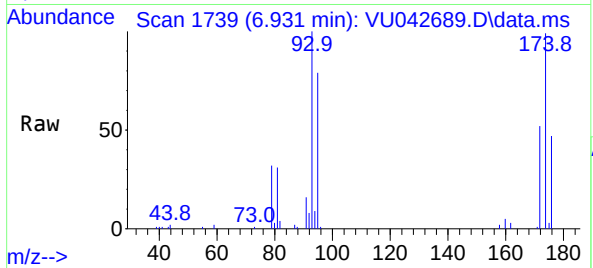
Tgt Ion: 93 Resp: 30284

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 95  | 79.1  | 63.3  | 94.9  |
| 174 | 102.5 | 82.0  | 123.0 |

Instrument :  
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ClientSampleId :  
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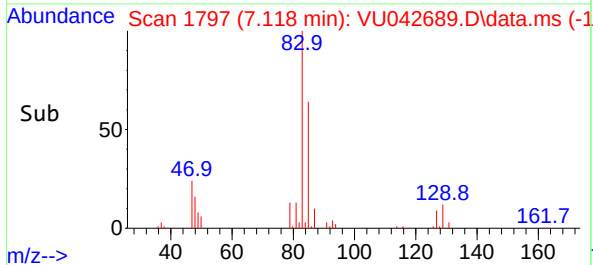
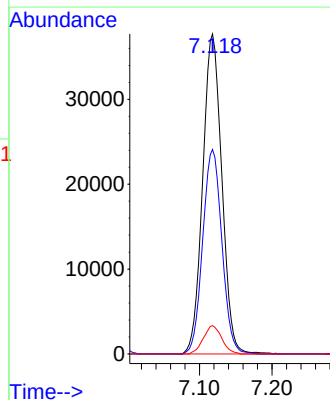
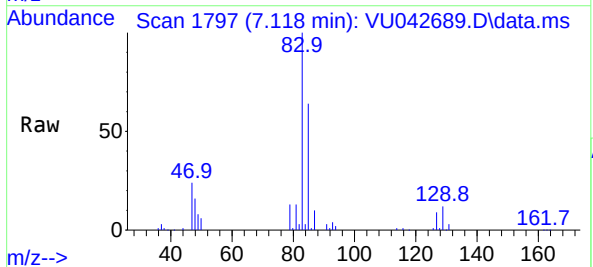
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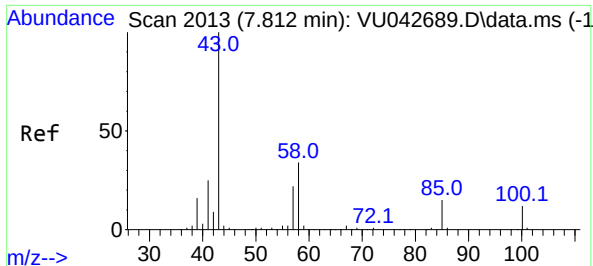


#44  
Bromodichloromethane  
Concen: 10.11 ug/l  
RT: 7.118 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 83 Resp: 69183

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.9  | 51.1  | 76.7  |
| 127 | 8.9   | 7.1   | 10.7  |





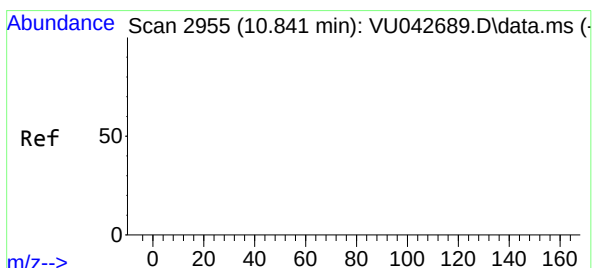
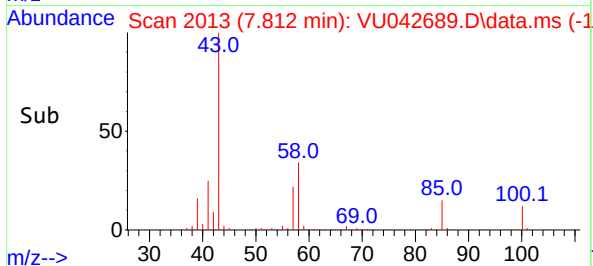
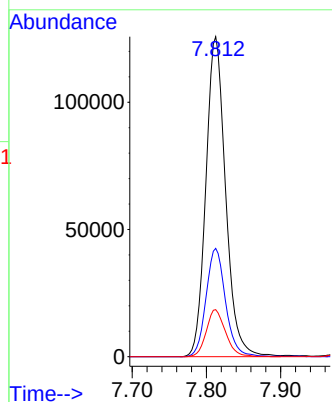
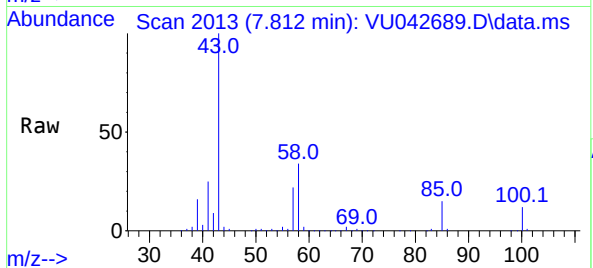
#45  
4-Methyl-2-Pentanone  
Concen: 52.24 ug/l  
RT: 7.812 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 43 Resp: 231946  
Ion Ratio Lower Upper  
43 100  
58 33.5 16.8 50.3  
85 14.3 11.4 17.2

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

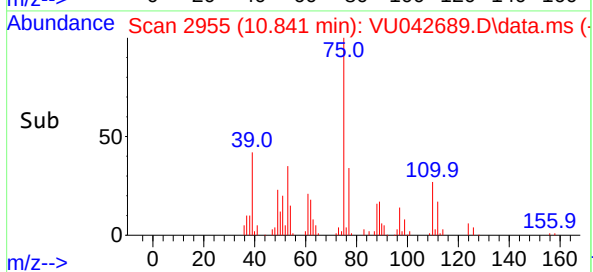
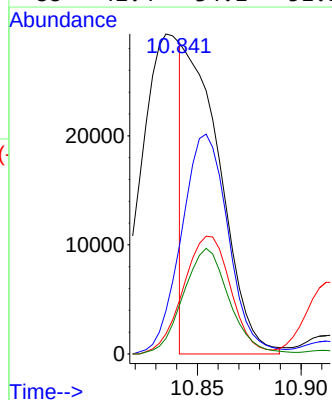
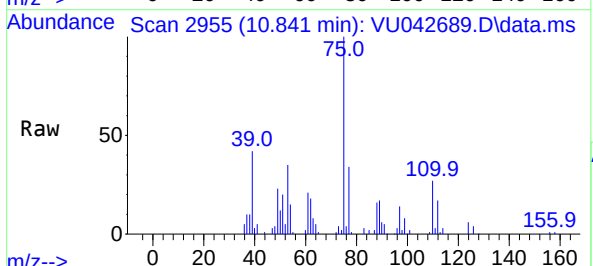
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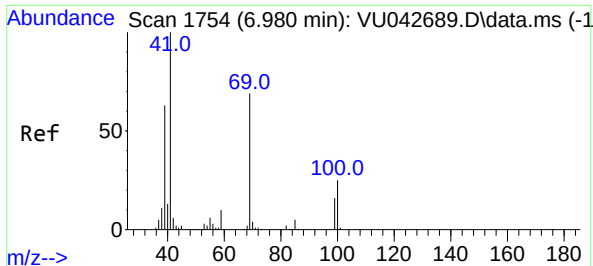
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#46  
t-1,4-Dichloro-2-butene  
Concen: 24.16 ug/l m  
RT: 10.841 min Scan# 2955  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 75 Resp: 34993  
Ion Ratio Lower Upper  
75 100  
53 90.8 72.9 109.3  
89 49.2 39.5 59.3  
88 42.4 34.1 51.1





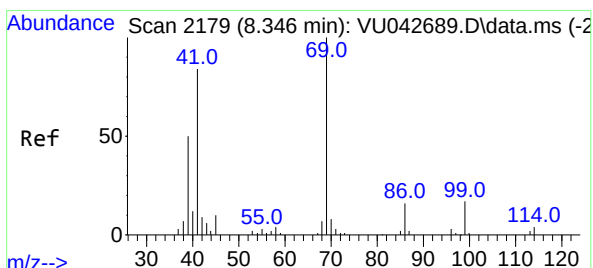
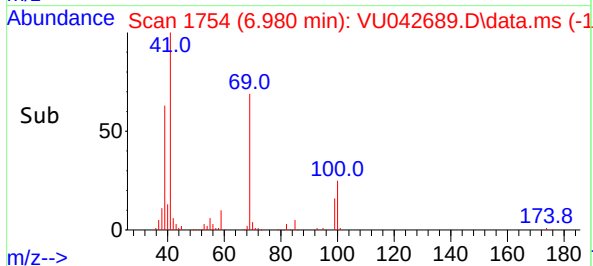
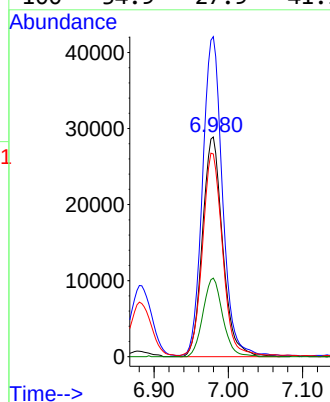
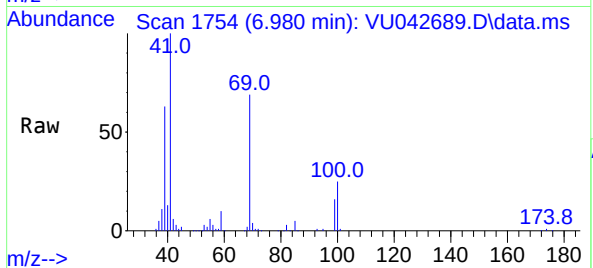
#47  
Methyl methacrylate  
Concen: 21.14 ug/l  
RT: 6.980 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 54575 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 141.7 | 0.0   | 283.4 |
| 39       | 90.6  | 72.5  | 108.7 |
| 100      | 34.9  | 27.9  | 41.9  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

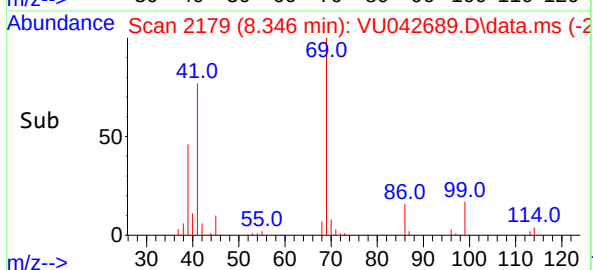
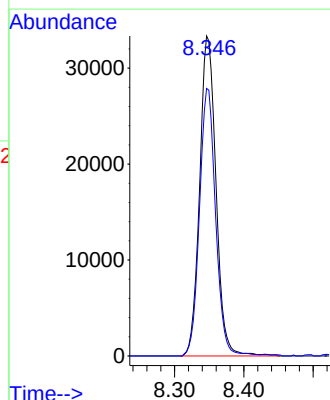
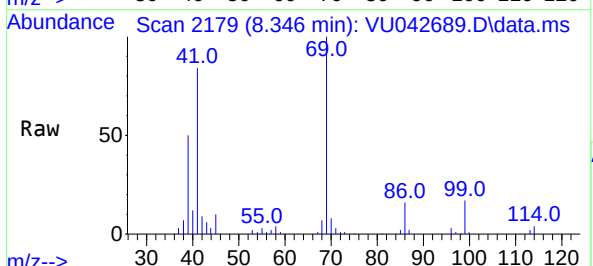
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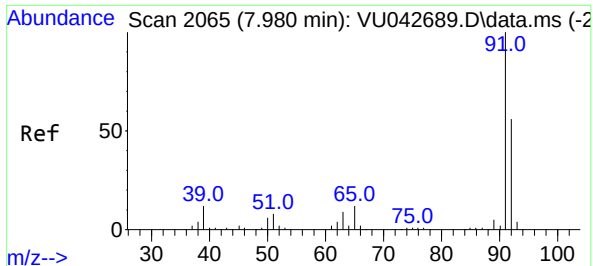
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#48  
Ethyl methacrylate  
Concen: 10.68 ug/l  
RT: 8.346 min Scan# 2179  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 54700 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 82.6  | 41.3  | 123.9 |





#49

Toluene

Concen: 10.82 ug/l

RT: 7.980 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VU042689.D

Acq: 17 Mar 2021 14:02

Tgt Ion: 92 Resp: 122221

Ion Ratio Lower Upper

92 100

91 176.9 141.5 212.3

Instrument :

MSVOA\_U

ClientSampleId :

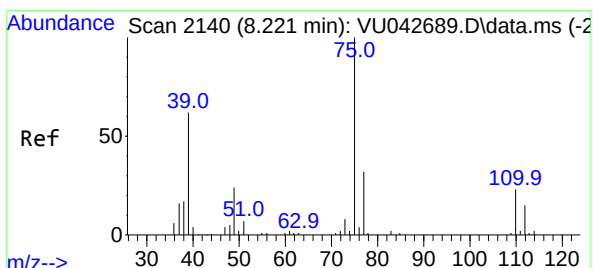
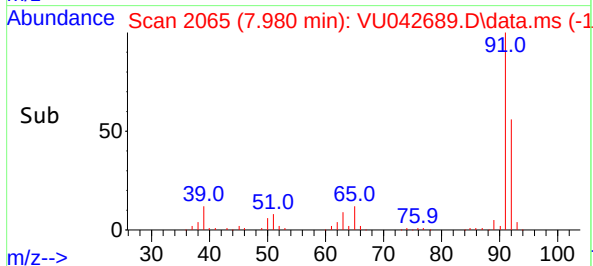
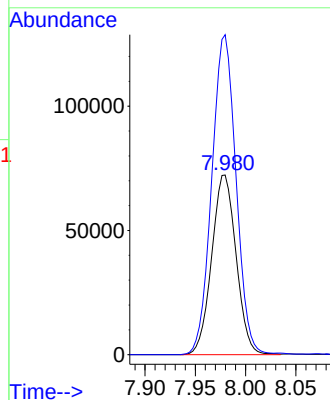
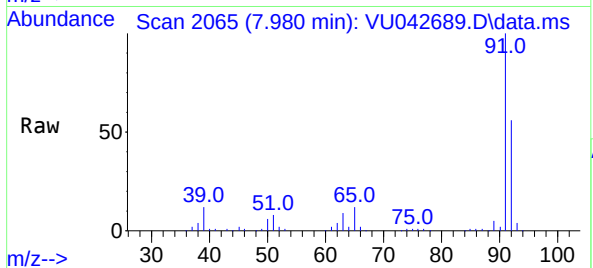
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#50

t-1,3-Dichloropropene

Concen: 10.62 ug/l

RT: 8.221 min Scan# 2140

Delta R.T. 0.000 min

Lab File: VU042689.D

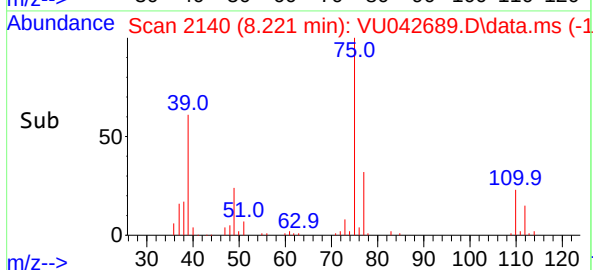
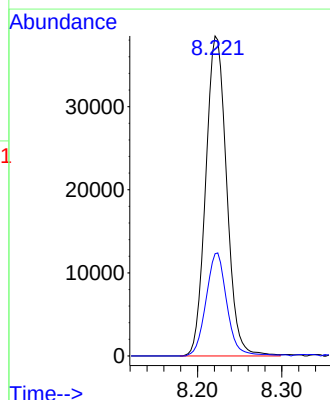
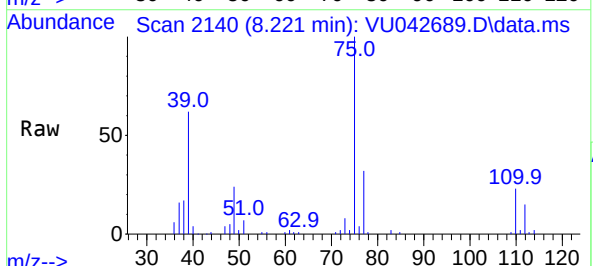
Acq: 17 Mar 2021 14:02

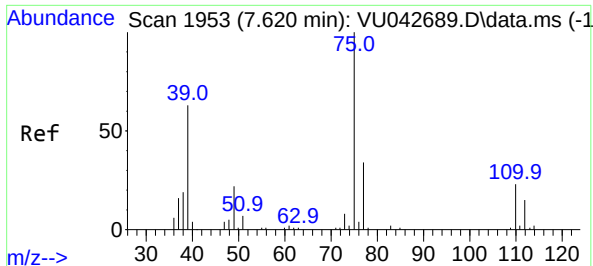
Tgt Ion: 75 Resp: 66497

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4





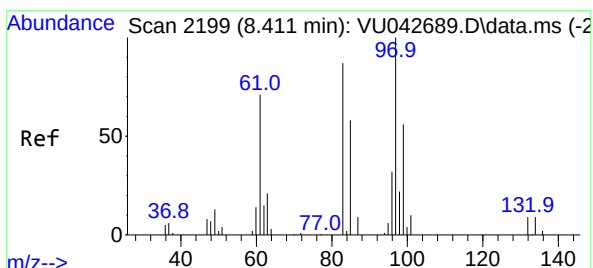
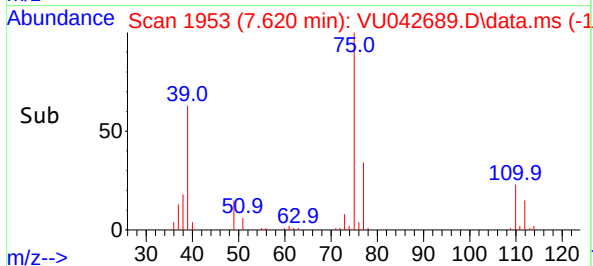
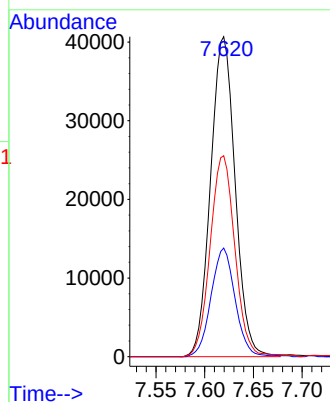
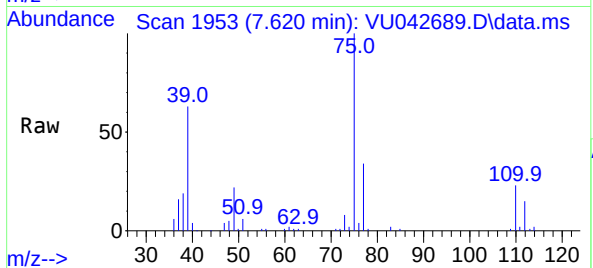
#51  
cis-1,3-Dichloropropene  
Concen: 10.49 ug/l  
RT: 7.620 min Scan# 1953  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 71402 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 33.9  | 27.1  | 40.7  |
| 39       | 62.8  | 50.2  | 75.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

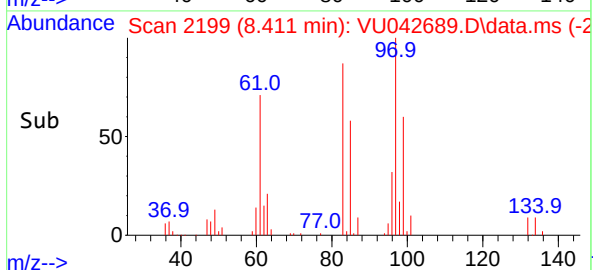
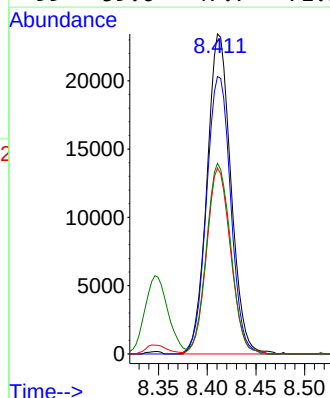
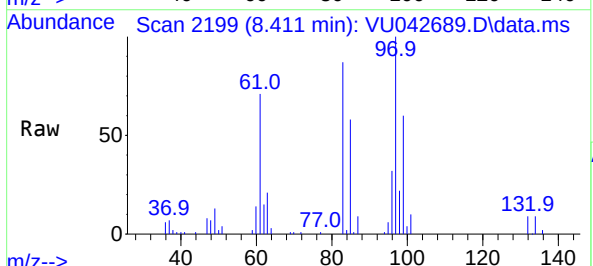
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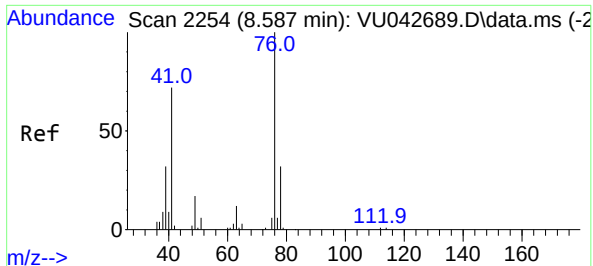
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#52  
1,1,2-Trichloroethane  
Concen: 9.92 ug/l  
RT: 8.411 min Scan# 2199  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 39975 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.7  | 69.4  | 104.0 |
| 85       | 58.1  | 46.5  | 69.7  |
| 99       | 59.6  | 47.7  | 71.5  |





#53

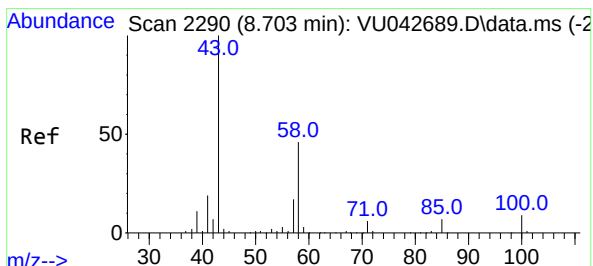
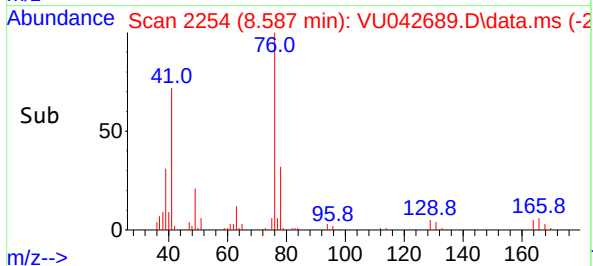
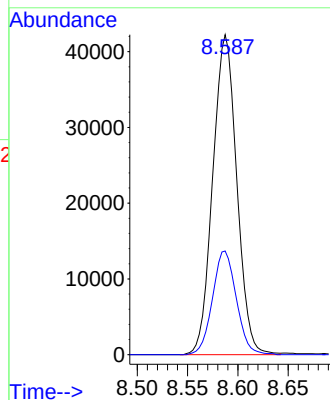
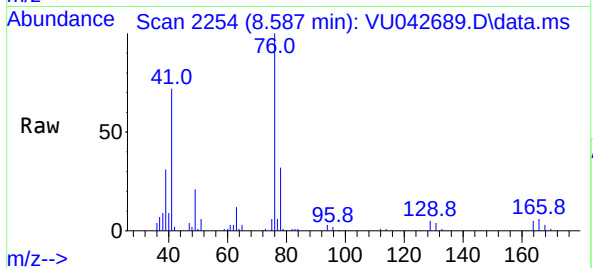
1,3-Dichloropropane  
Concen: 10.11 ug/l  
RT: 8.587 min Scan# 2254  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 76 Resp: 70105  
Ion Ratio Lower Upper  
76 100  
78 32.2 25.8 38.6

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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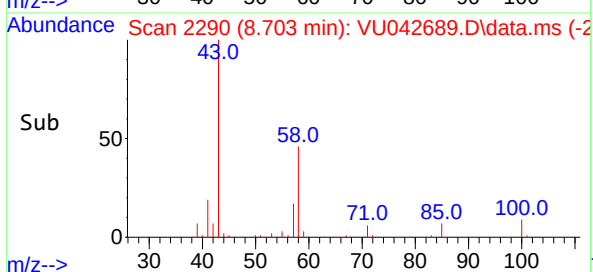
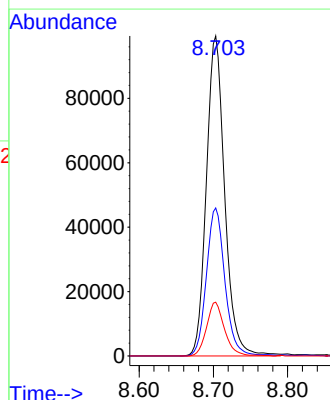
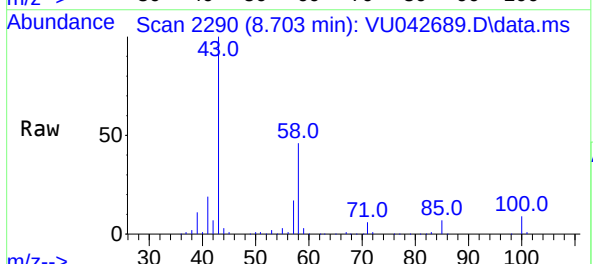
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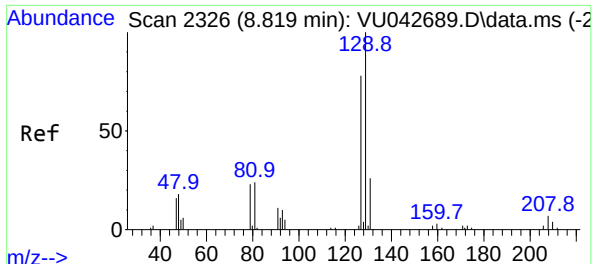


#54

2-Hexanone  
Concen: 54.82 ug/l  
RT: 8.703 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 43 Resp: 170226  
Ion Ratio Lower Upper  
43 100  
58 46.5 26.5 66.5  
57 16.5 0.0 36.5





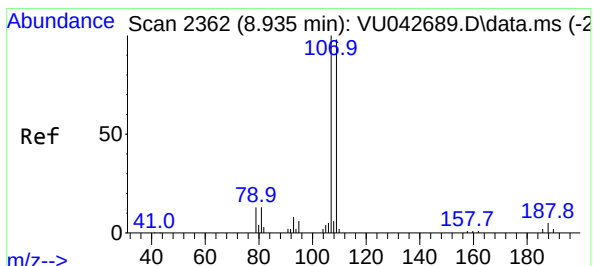
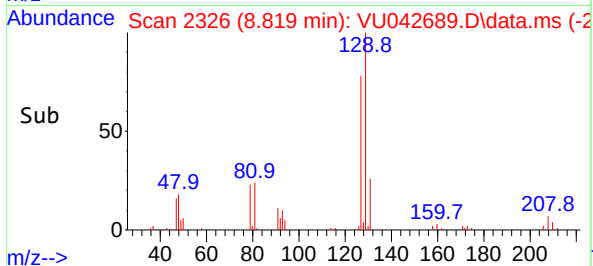
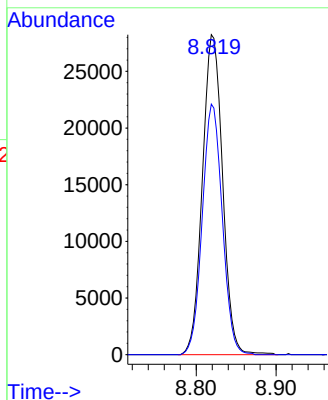
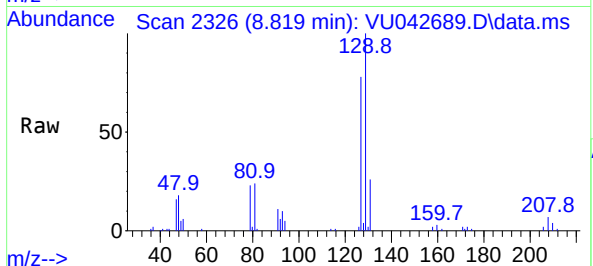
#55  
Dibromochloromethane  
Concen: 10.43 ug/l  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:129 Resp: 49668  
Ion Ratio Lower Upper  
129 100  
127 77.4 61.9 92.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

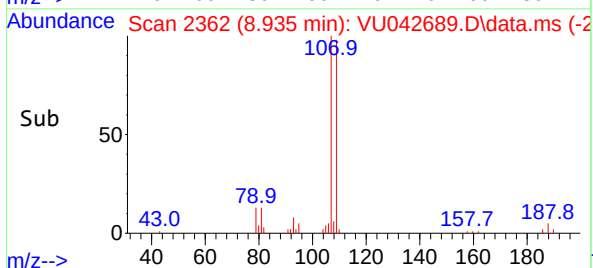
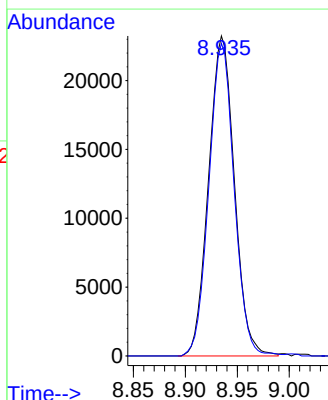
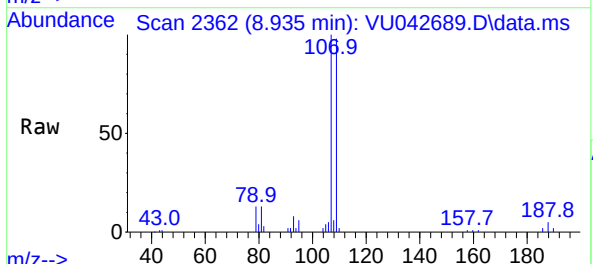
Manual Integrations  
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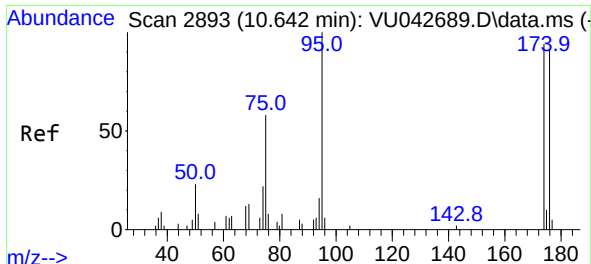
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#56  
1,2-Dibromoethane  
Concen: 10.03 ug/l  
RT: 8.935 min Scan# 2362  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

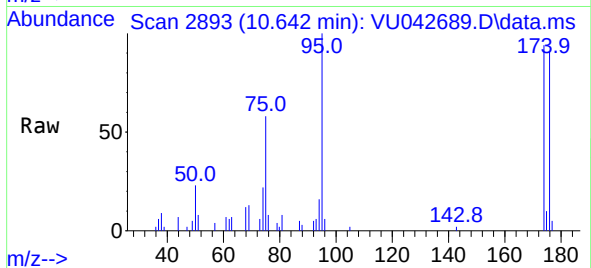
Tgt Ion:107 Resp: 40104  
Ion Ratio Lower Upper  
107 100  
109 95.4 0.0 190.8





#57  
4-Bromofluorobenzene  
Concen: 1.10 ug/l  
RT: 10.642 min Scan# 2893  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

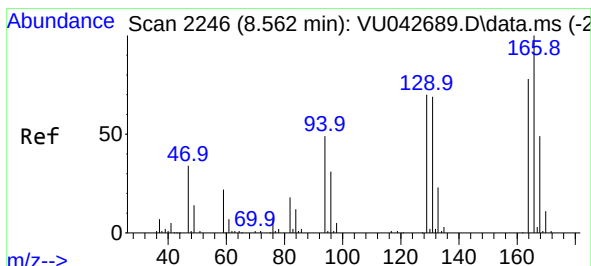
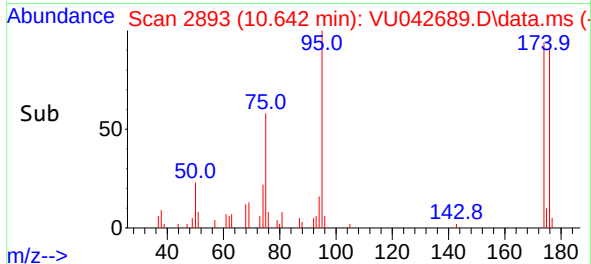
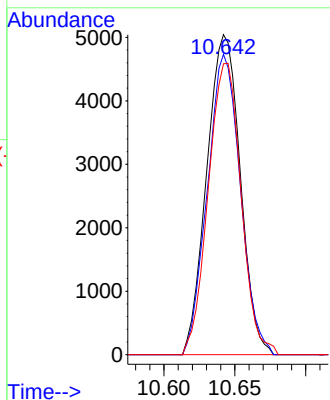
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



Tgt Ion: 95 Resp: 8290  
Ion Ratio Lower Upper  
95 100  
174 92.2 73.8 110.6  
176 89.2 71.4 107.0

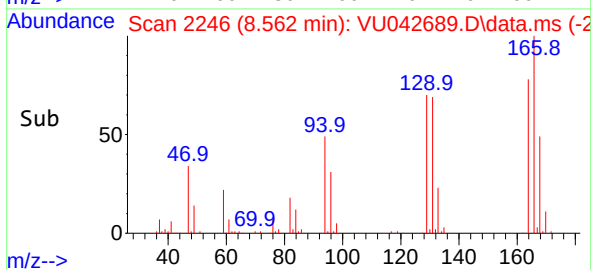
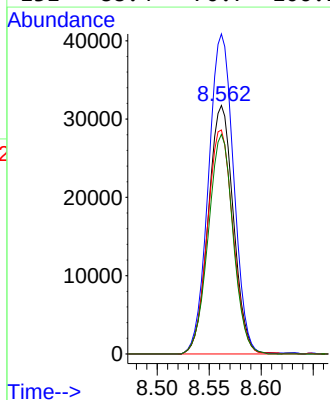
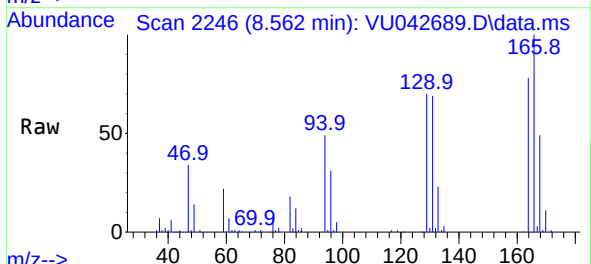
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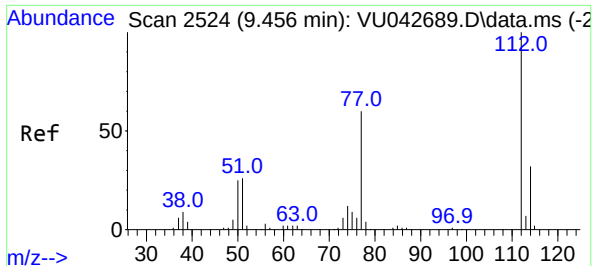


#58  
Tetrachloroethene  
Concen: 10.02 ug/l  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 164 Resp: 53459  
Ion Ratio Lower Upper  
164 100  
166 128.8 103.0 154.6  
129 90.2 72.2 108.2  
131 88.4 70.7 106.1







#59

Chlorobenzene

Concen: 10.45 ug/l

RT: 9.456 min Scan# 2524

Delta R.T. 0.000 min

Lab File: VU042689.D

Acq: 17 Mar 2021 14:02

Tgt Ion:112 Resp: 134087

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0

Instrument :

MSVOA\_U

ClientSampleId :

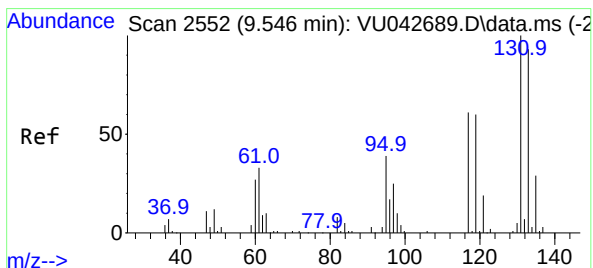
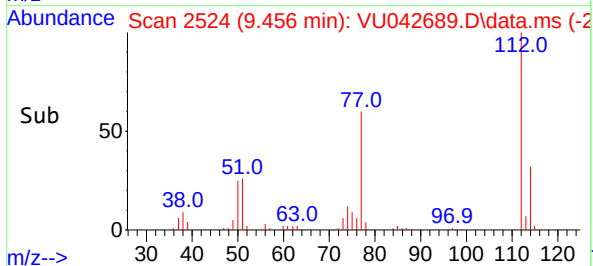
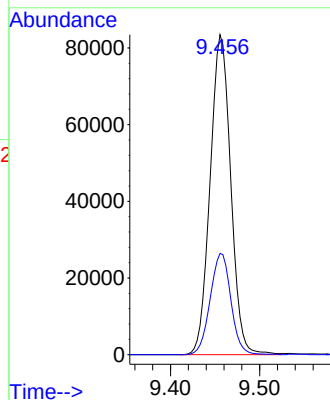
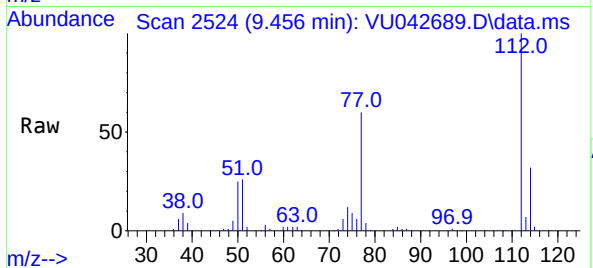
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#60

1,1,1,2-Tetrachloroethane

Concen: 10.47 ug/l

RT: 9.546 min Scan# 2552

Delta R.T. 0.000 min

Lab File: VU042689.D

Acq: 17 Mar 2021 14:02

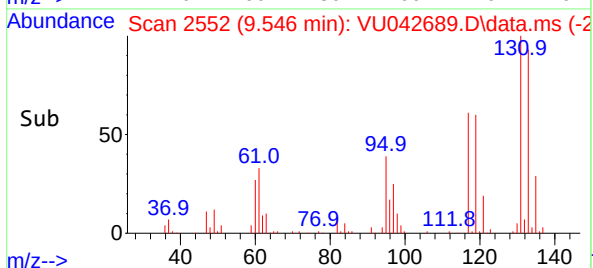
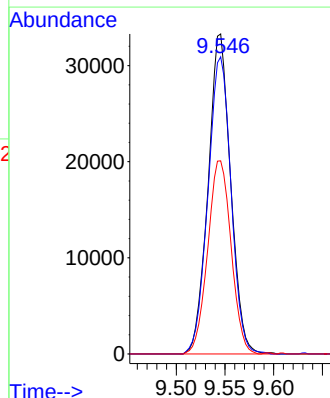
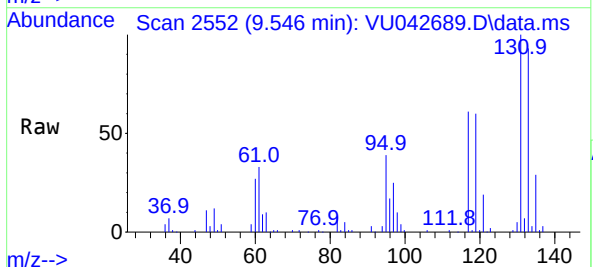
Tgt Ion:131 Resp: 53531

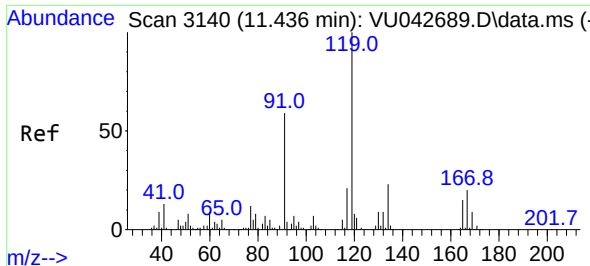
Ion Ratio Lower Upper

131 100

133 95.1 76.1 114.1

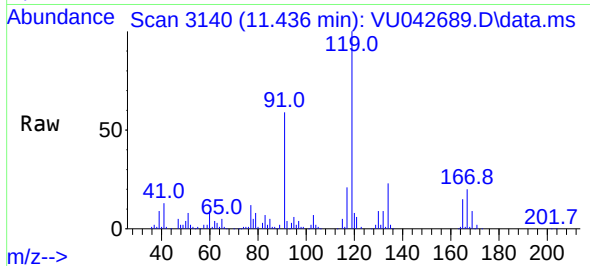
119 62.6 50.1 75.1





#61  
Pentachloroethane  
Concen: 10.71 ug/l  
RT: 11.436 min Scan# 3140  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

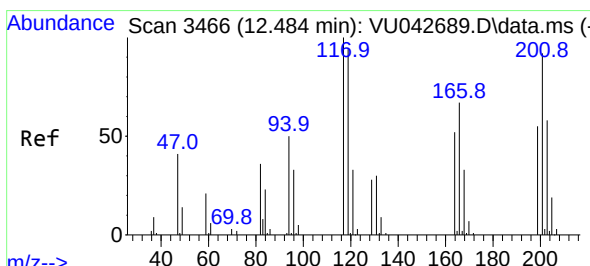
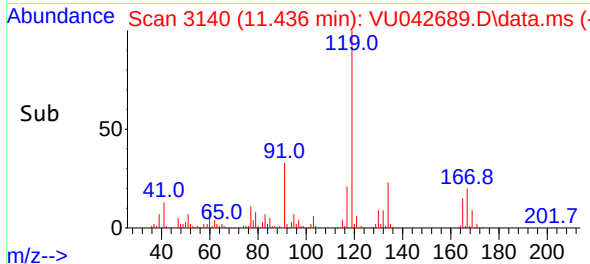
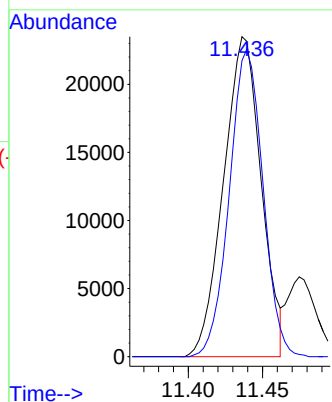
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



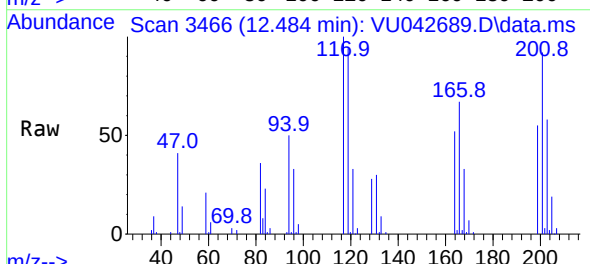
Tgt Ion:117 Resp: 41331  
Ion Ratio Lower Upper  
117 100  
167 85.9 68.7 103.1

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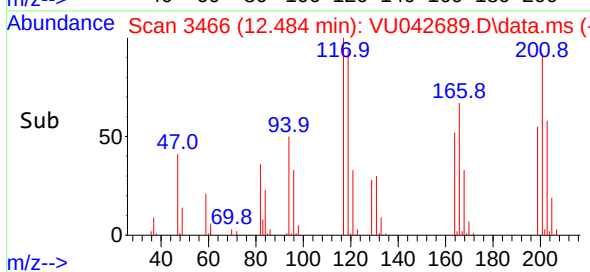
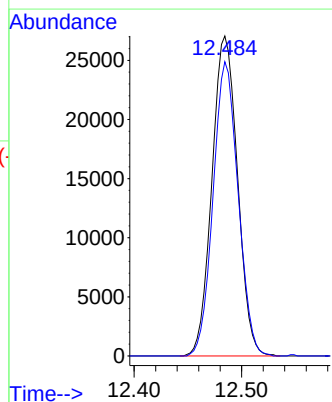
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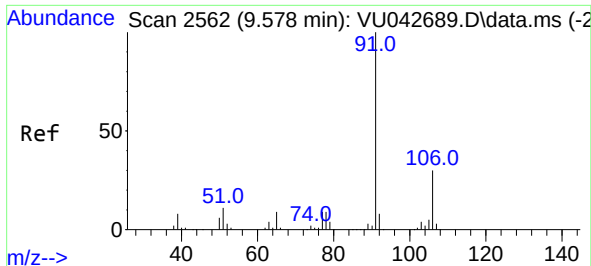


#62  
Hexachloroethane  
Concen: 11.08 ug/l  
RT: 12.484 min Scan# 3466  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion:117 Resp: 44705  
Ion Ratio Lower Upper  
117 100  
201 89.8 71.8 107.8





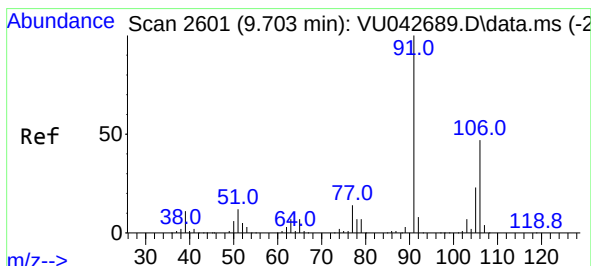
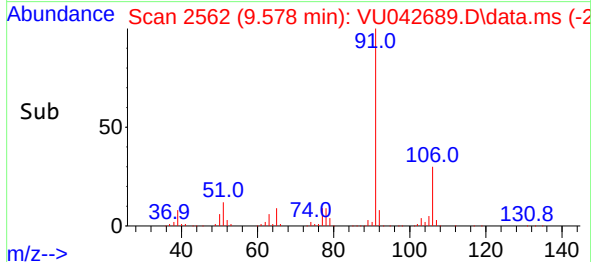
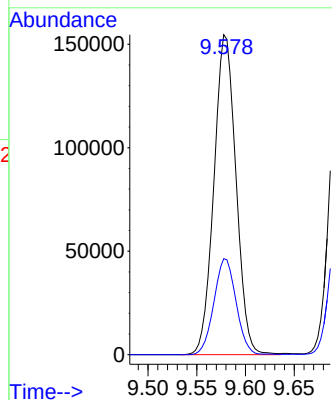
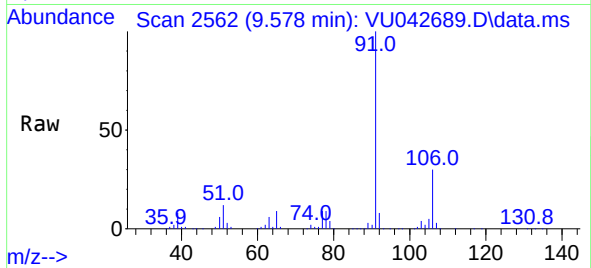
#63  
Ethyl Benzene  
Concen: 11.17 ug/l  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 91 Resp: 243573  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.0 36.0

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

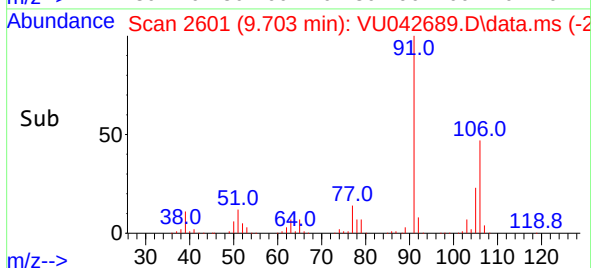
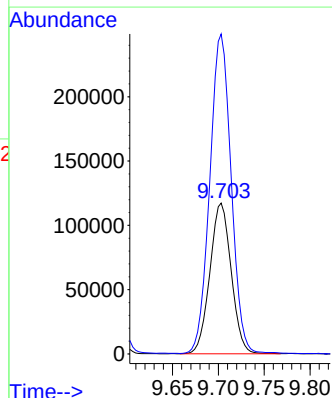
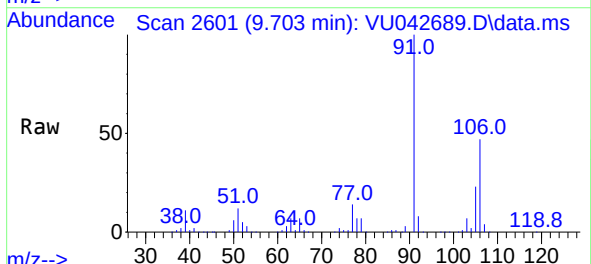
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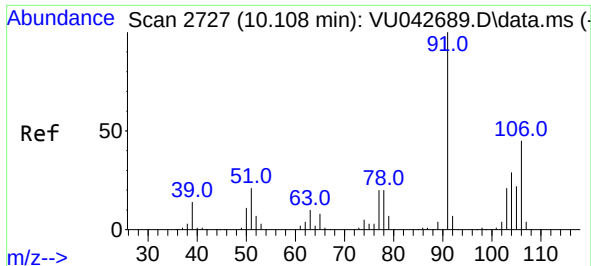
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#64  
m/p-Xylenes  
Concen: 22.35 ug/l  
RT: 9.703 min Scan# 2601  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 106 Resp: 189275  
Ion Ratio Lower Upper  
106 100  
91 212.7 170.2 255.2





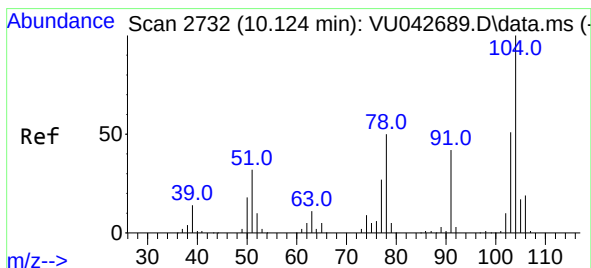
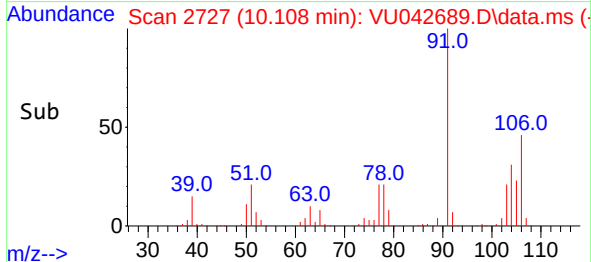
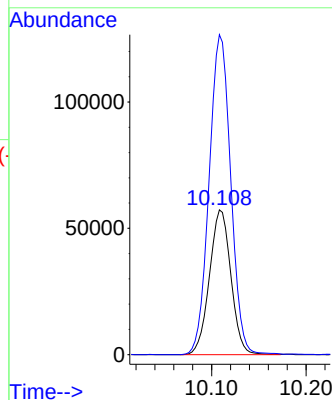
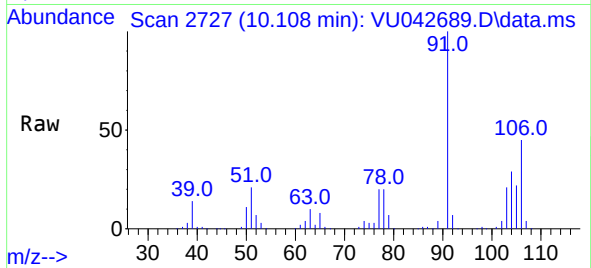
#65  
o-Xylene  
Concen: 10.91 ug/l  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:106 Resp: 90267  
Ion Ratio Lower Upper  
106 100  
91 223.0 111.5 334.5

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

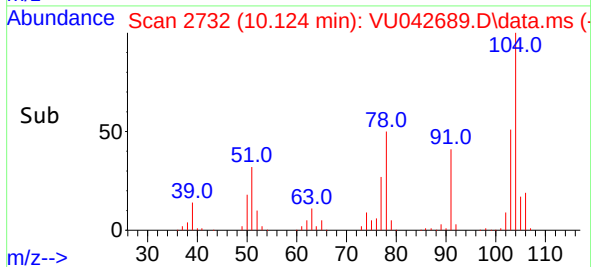
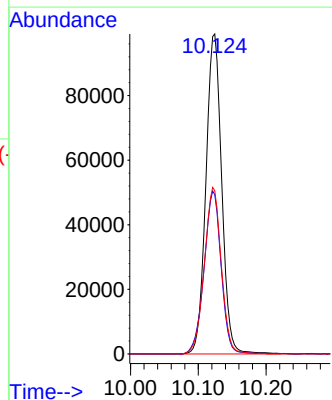
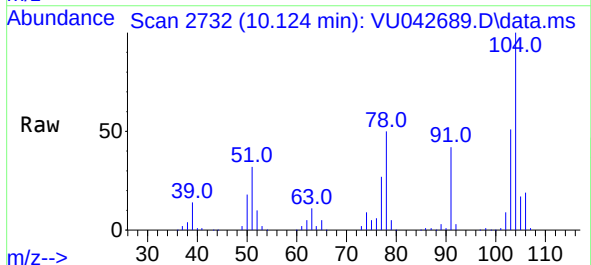
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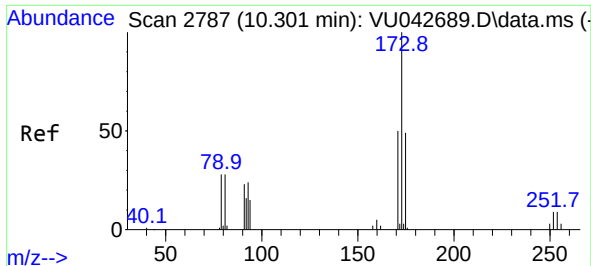
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#66  
Styrene  
Concen: 11.67 ug/l  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:104 Resp: 160653  
Ion Ratio Lower Upper  
104 100  
78 54.5 43.6 65.4  
103 55.9 44.7 67.1





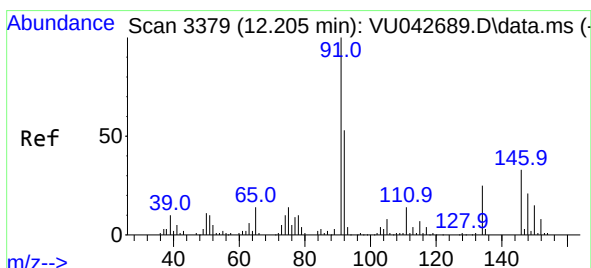
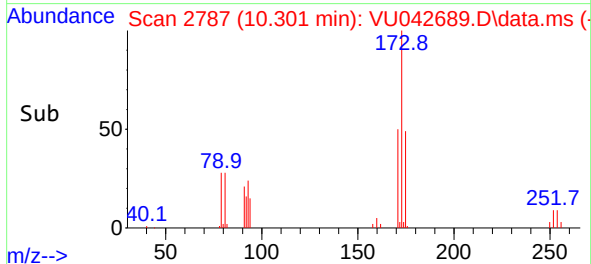
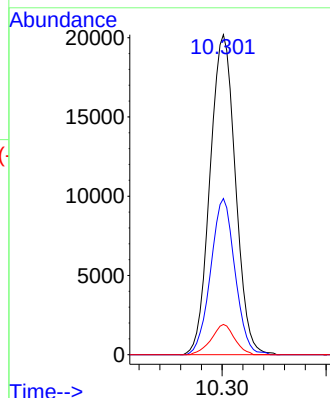
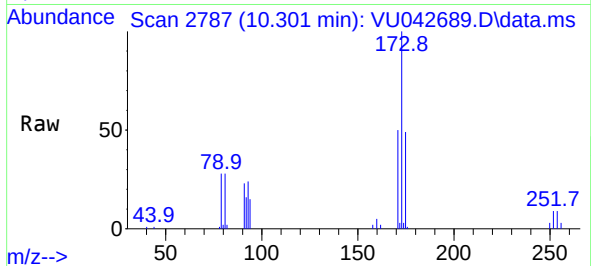
#67  
Bromoform  
Concen: 11.08 ug/l  
RT: 10.301 min Scan# 2787  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 34202 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 46.7  | 37.4  | 56.0  |
| 254       | 8.7   | 7.0   | 10.4  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
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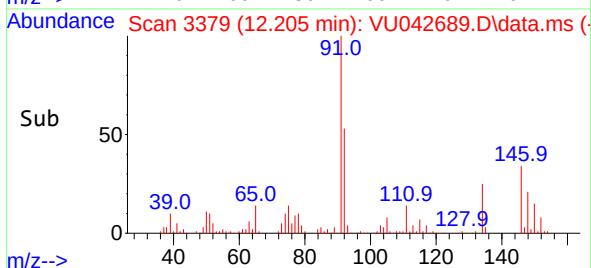
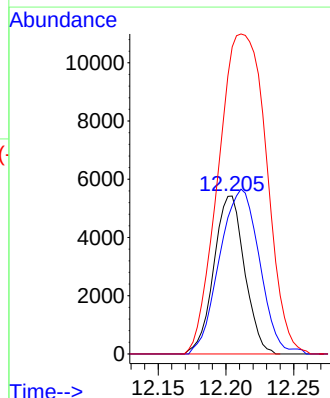
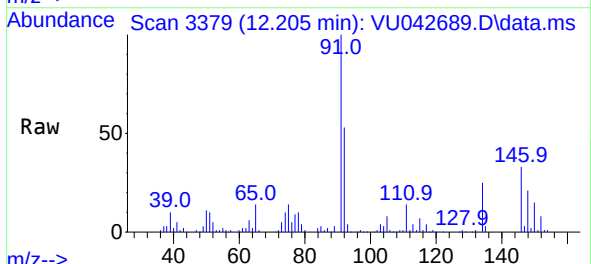
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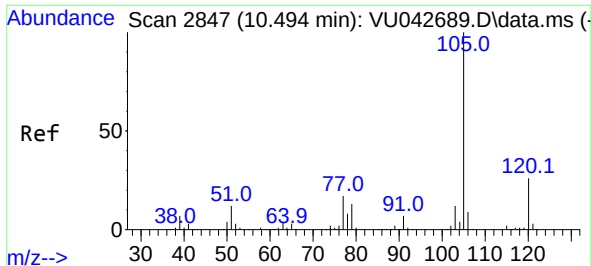
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#68  
1,2-Dichlorobenzene-d4  
Concen: 1.08 ug/l  
RT: 12.205 min Scan# 3379  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 8574  |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 135.5 | 0.0   | 271.0 |
| 150       | 316.5 | 0.0   | 633.0 |





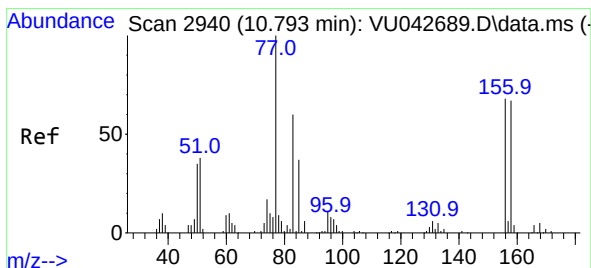
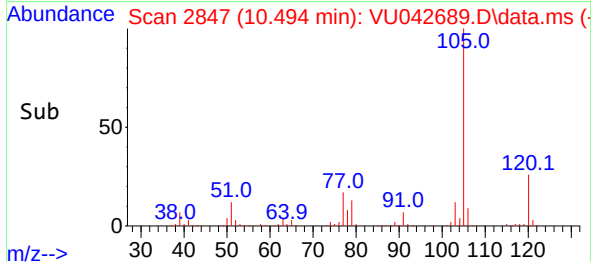
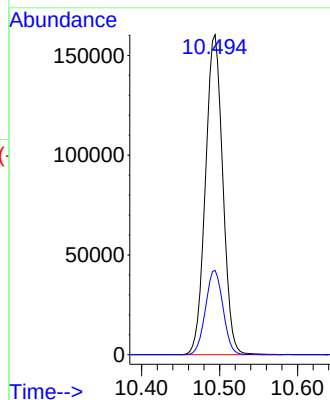
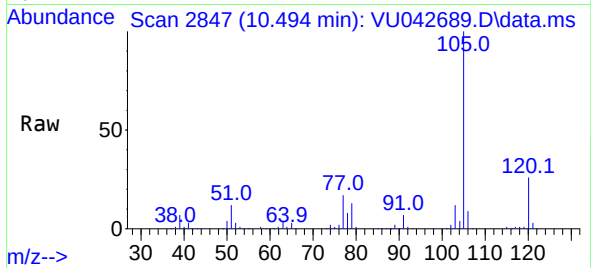
#69  
Isopropylbenzene  
Concen: 10.95 ug/l  
RT: 10.494 min Scan# 2847  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 105 Resp: 247695  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.3 39.9

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

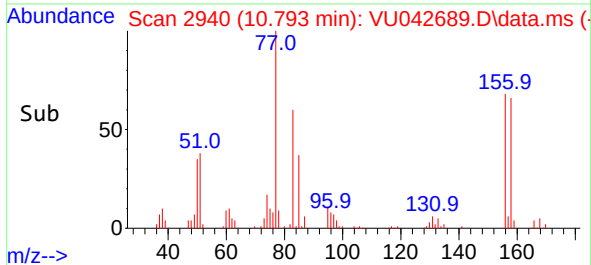
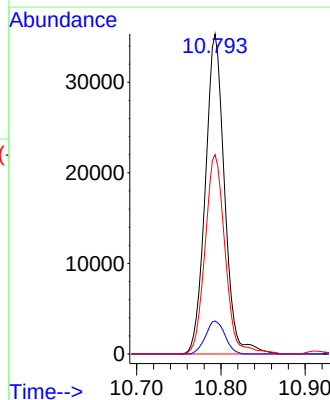
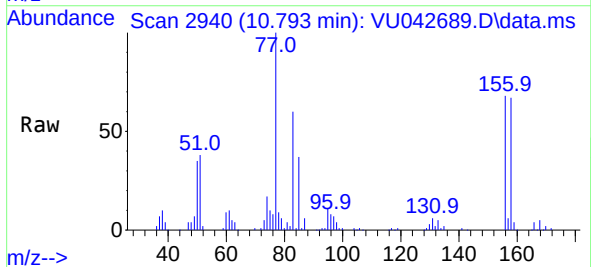
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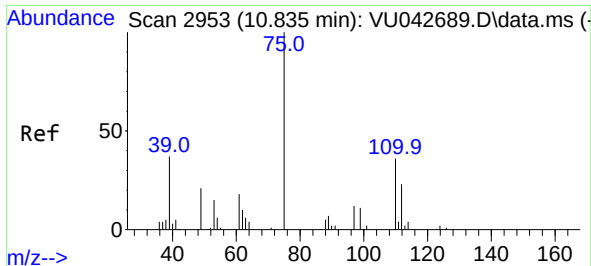
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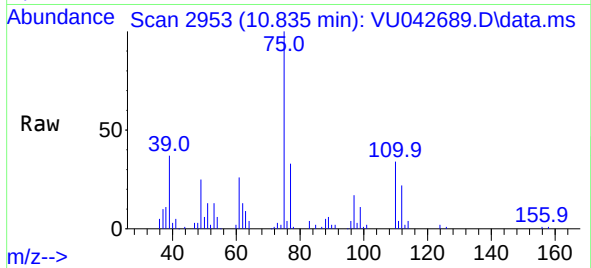
#70  
1,1,2,2-Tetrachloroethane  
Concen: 10.31 ug/l  
RT: 10.793 min Scan# 2940  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 83 Resp: 56049  
Ion Ratio Lower Upper  
83 100  
131 10.4 8.3 12.5  
85 64.8 51.8 77.8



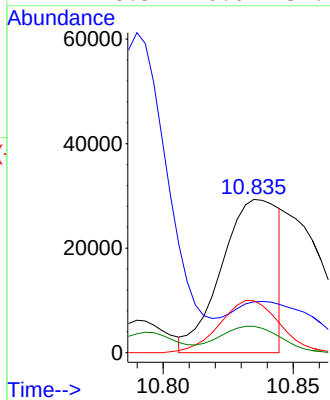


#71  
1,2,3-Trichloropropane  
Concen: 9.46 ug/l m  
RT: 10.835 min Scan# 2953  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 75 Resp: 44595

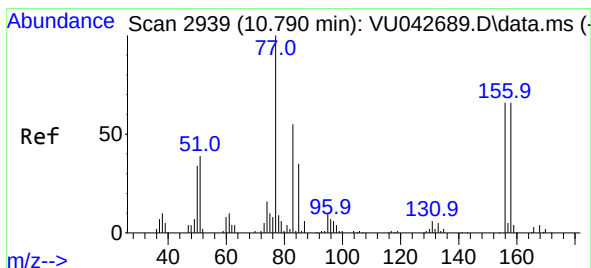
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 48.4  | 0.0   | 96.8  |
| 110 | 35.9  | 0.0   | 71.8  |
| 97  | 18.5  | 0.0   | 37.0  |



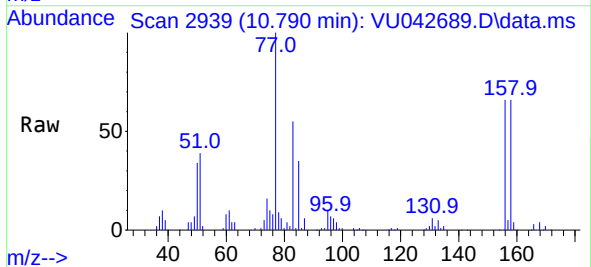
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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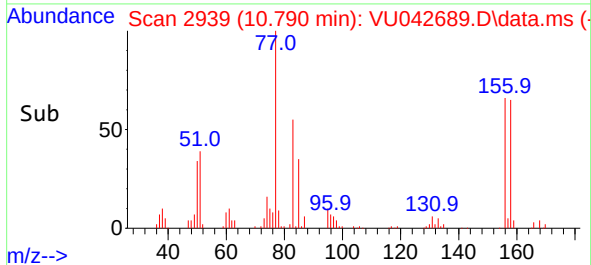
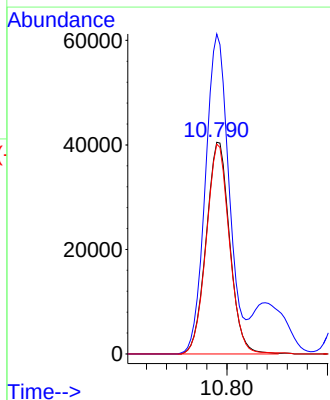


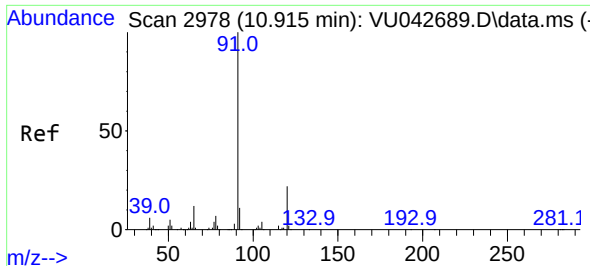
#72  
Bromobenzene  
Concen: 10.41 ug/l  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 156 Resp: 65888

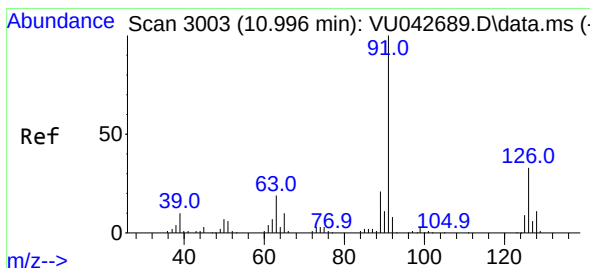
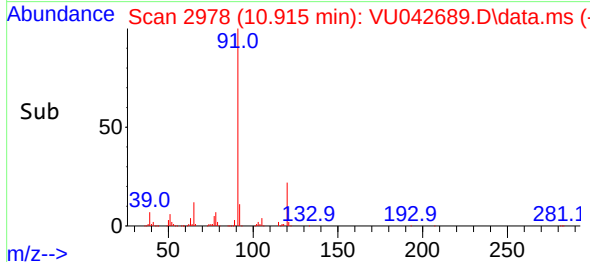
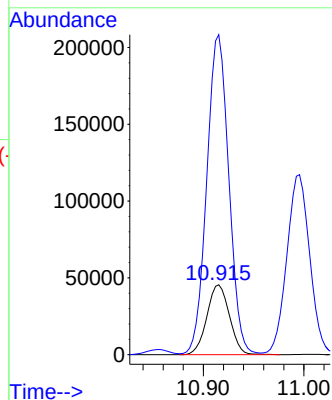
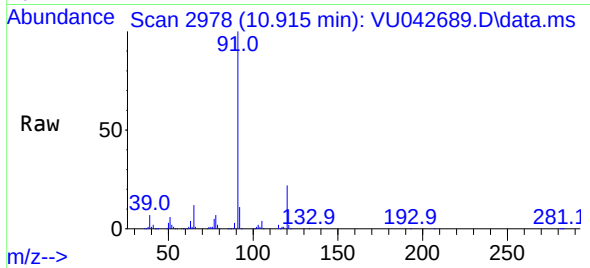
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 150.8 | 0.0   | 301.6 |
| 158 | 97.8  | 0.0   | 195.6 |





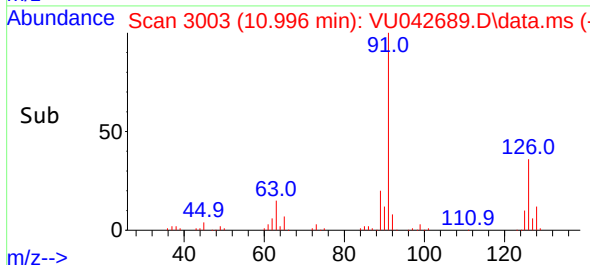
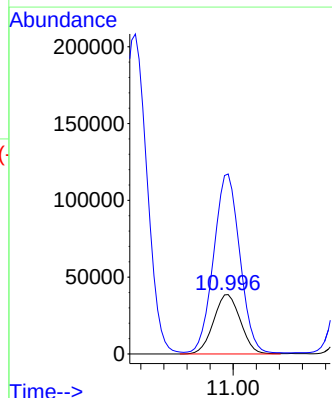
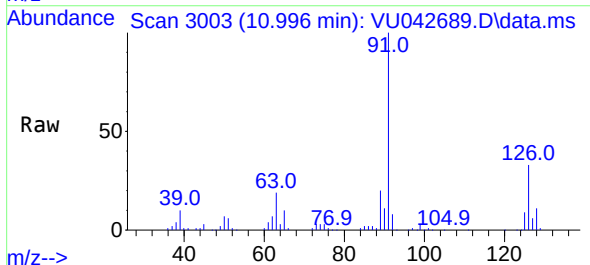
#73  
n-propylbenzene  
Concen: 11.40 ug/l  
RT: 10.915 min Scan# 2978  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:120 Resp: 70830  
Ion Ratio Lower Upper  
120 100  
91 445.2 356.2 534.2



#74  
2-Chlorotoluene  
Concen: 10.95 ug/l  
RT: 10.996 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:126 Resp: 62416  
Ion Ratio Lower Upper  
126 100  
91 294.7 0.0 589.4

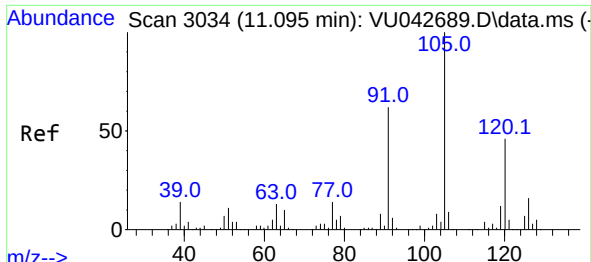


Instrument :  
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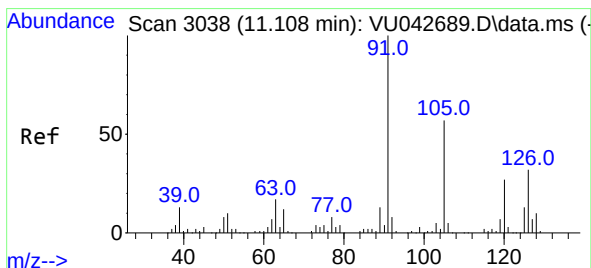
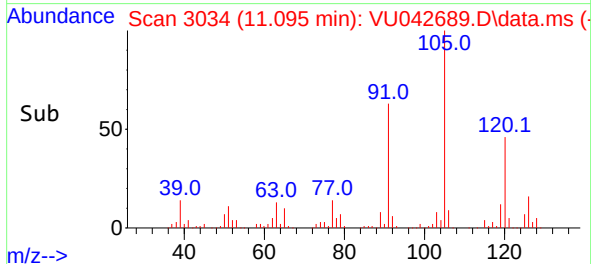
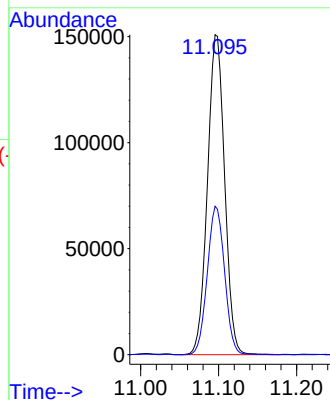
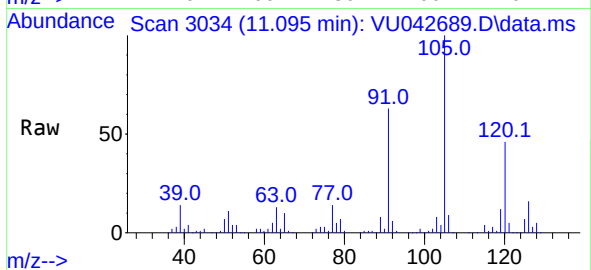
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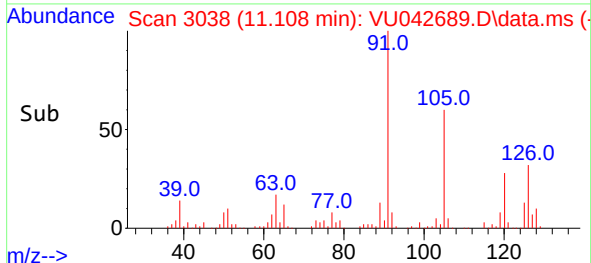
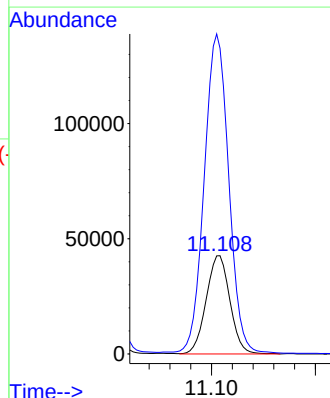
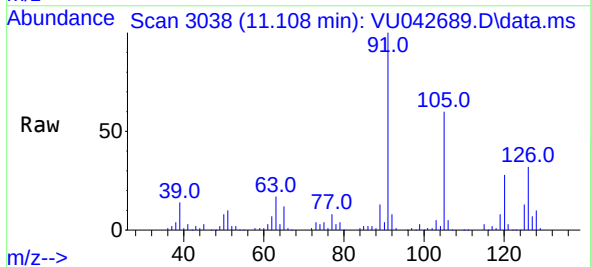
#75  
1,3,5-Trimethylbenzene  
Concen: 11.61 ug/l  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
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Tgt Ion:105 Resp: 231006  
Ion Ratio Lower Upper  
105 100  
120 46.8 37.4 56.2



#76  
4-Chlorotoluene  
Concen: 11.42 ug/l  
RT: 11.108 min Scan# 3038  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

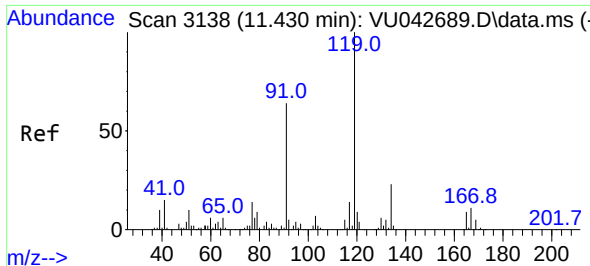
Tgt Ion:126 Resp: 67704  
Ion Ratio Lower Upper  
126 100  
91 334.4 0.0 668.8



Instrument :  
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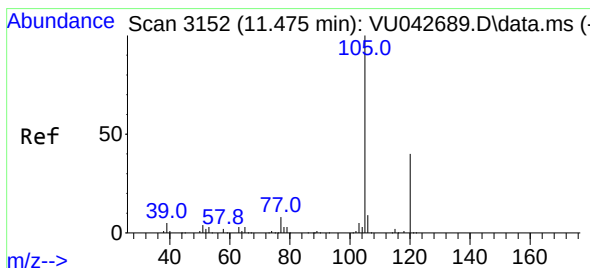
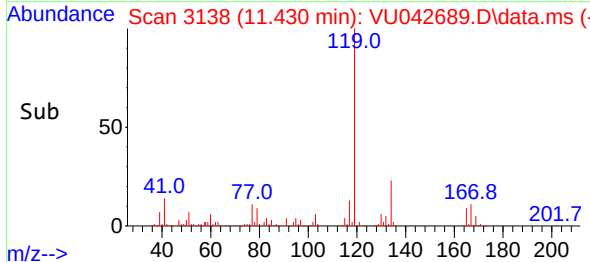
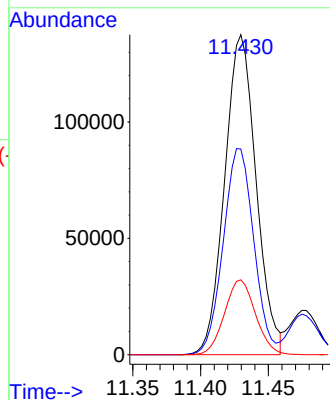
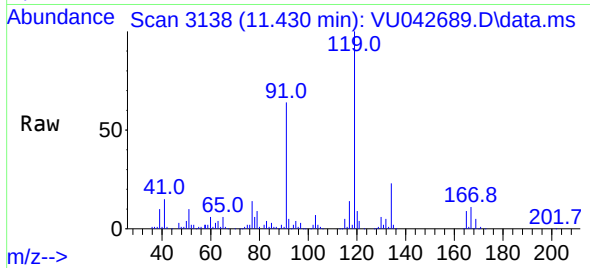
#77  
tert-Butylbenzene  
Concen: 11.20 ug/l  
RT: 11.430 min Scan# 3138  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:119 Resp: 222526  
Ion Ratio Lower Upper  
119 100  
91 62.4 31.2 93.6  
134 23.0 18.4 27.6

Instrument :  
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ClientSampleId :  
VSTDICCC010

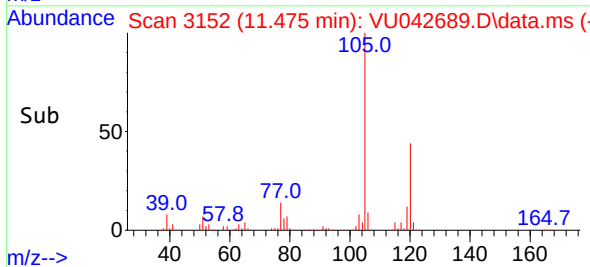
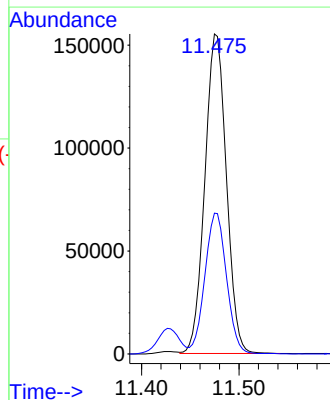
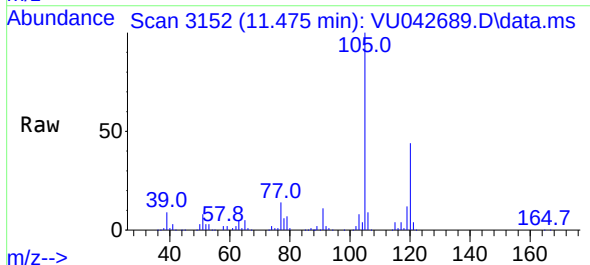
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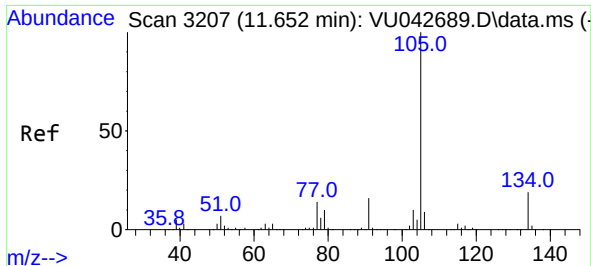
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#78  
1,2,4-Trimethylbenzene  
Concen: 11.54 ug/l  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

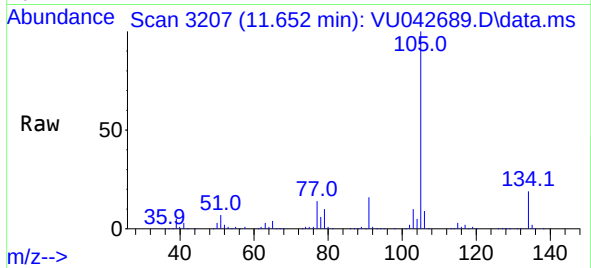
Tgt Ion:105 Resp: 238442  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.1 66.5



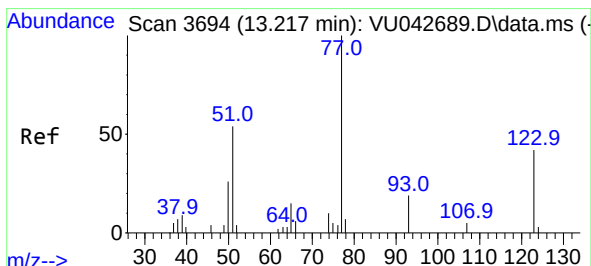
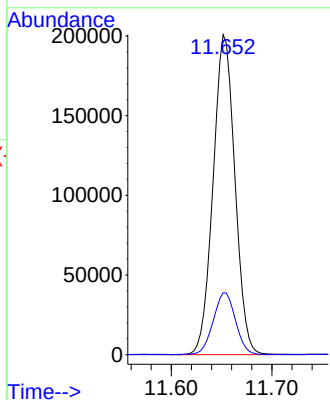
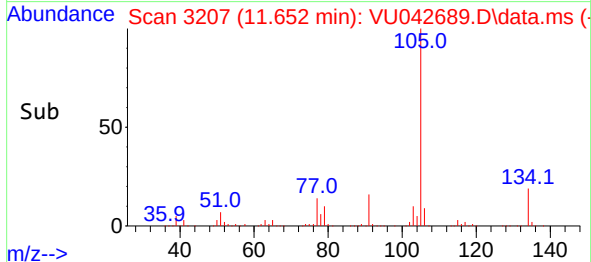


#79  
sec-Butylbenzene  
Concen: 11.57 ug/l  
RT: 11.652 min Scan# 3207  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

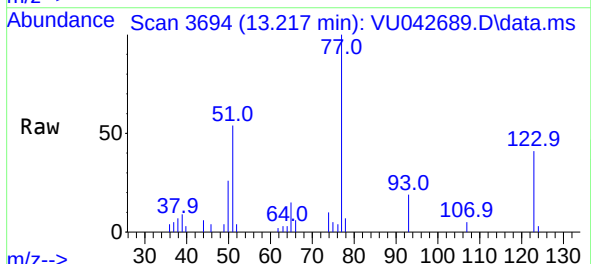
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010



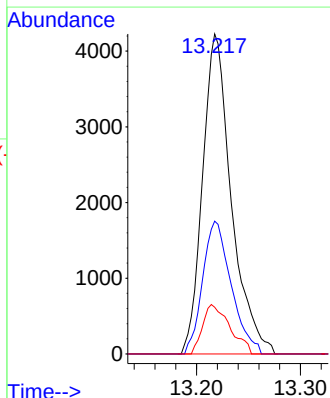
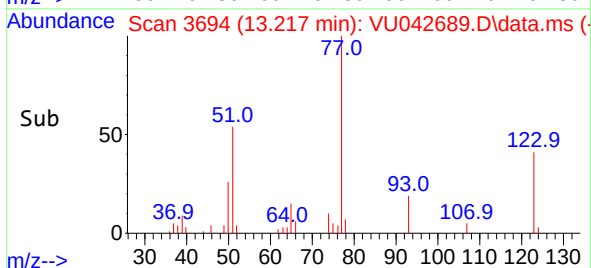
Tgt Ion:105 Resp: 302703  
Ion Ratio Lower Upper  
105 100  
134 19.9 15.9 23.9

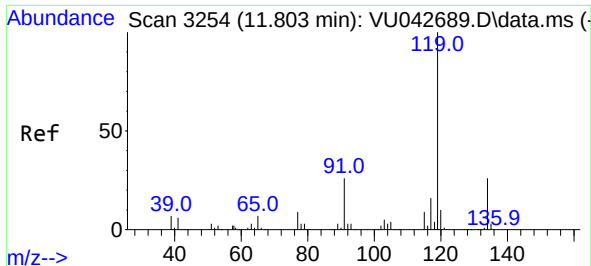


#80  
Nitrobenzene  
Concen: 57.41 ug/l  
RT: 13.217 min Scan# 3694  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



Tgt Ion: 77 Resp: 8100  
Ion Ratio Lower Upper  
77 100  
123 41.3 18.2 64.4  
65 14.7 12.9 16.5





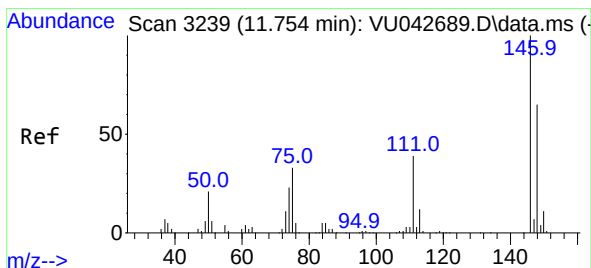
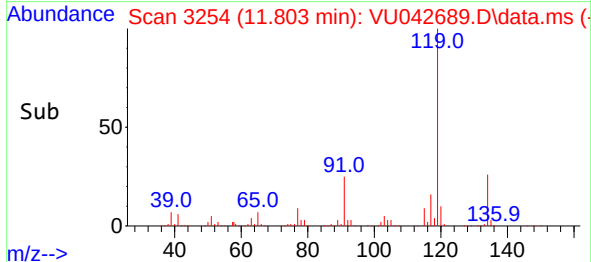
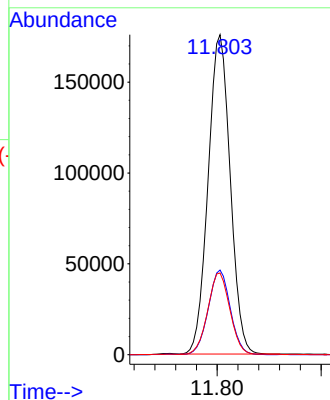
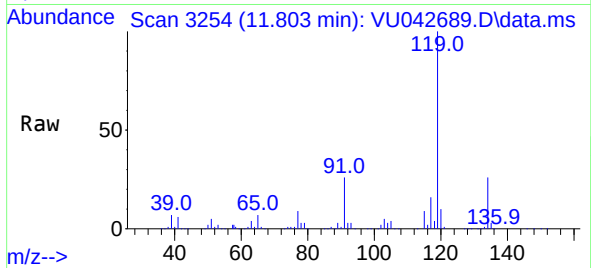
#81  
p-Isopropyltoluene  
Concen: 11.69 ug/l  
RT: 11.803 min Scan# 3254  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:119 Resp: 258923  
Ion Ratio Lower Upper  
119 100  
134 26.5 21.2 31.8  
91 25.6 20.5 30.7

Instrument :  
MSVOA\_U  
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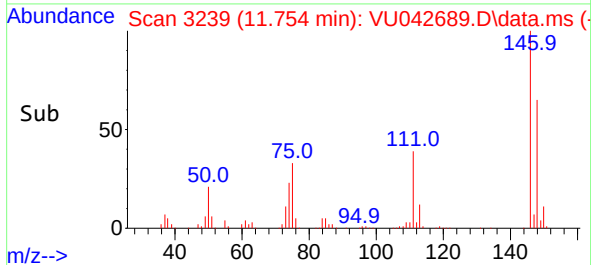
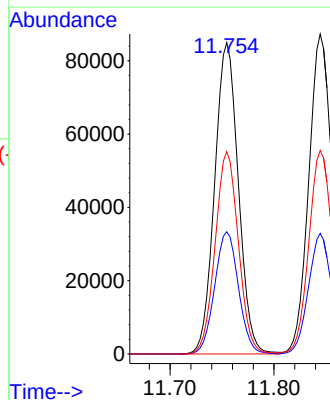
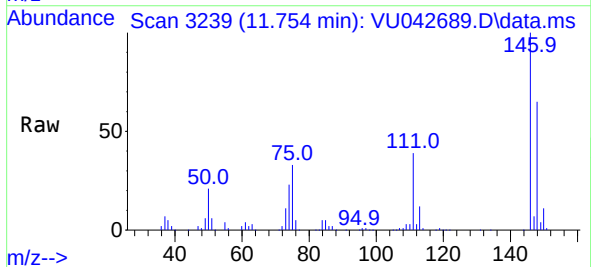
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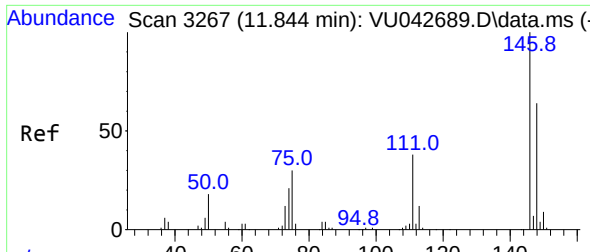
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#82  
1,3-Dichlorobenzene  
Concen: 11.12 ug/l  
RT: 11.754 min Scan# 3239  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:146 Resp: 134732  
Ion Ratio Lower Upper  
146 100  
111 39.5 31.6 47.4  
148 63.7 51.0 76.4





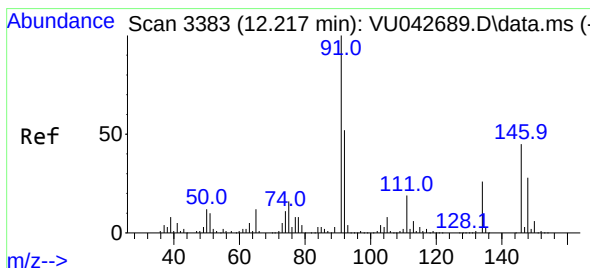
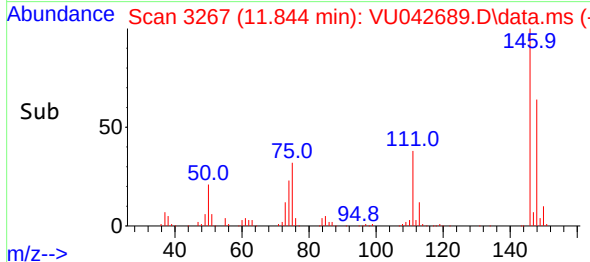
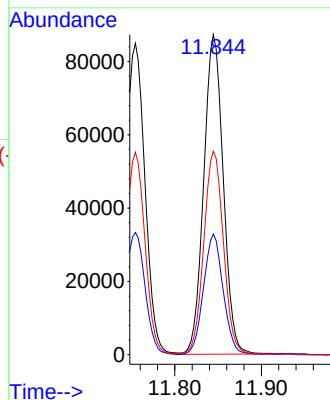
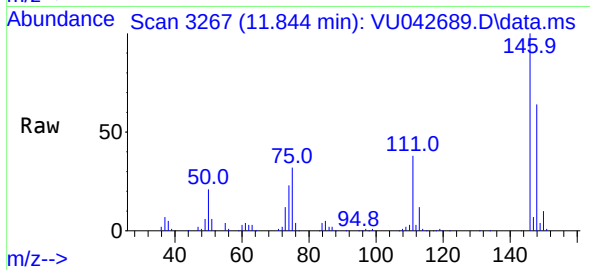
#83  
1,4-Dichlorobenzene  
Concen: 11.07 ug/l  
RT: 11.844 min Scan# 3267  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:146 Resp: 136604  
Ion Ratio Lower Upper  
146 100  
111 38.1 30.5 45.7  
148 63.9 51.1 76.7

Instrument :  
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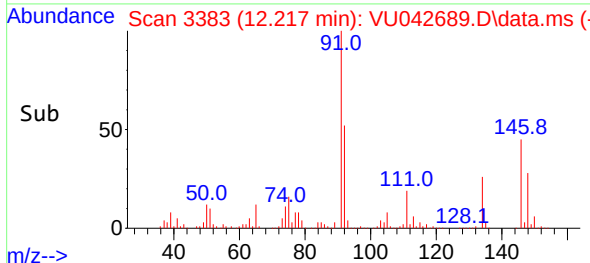
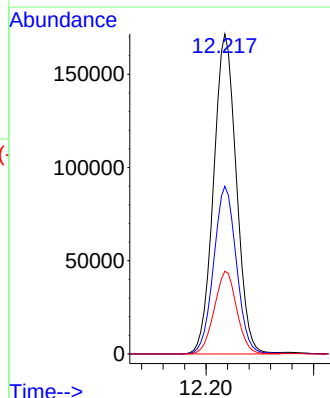
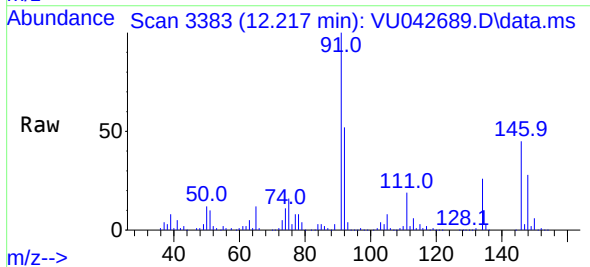
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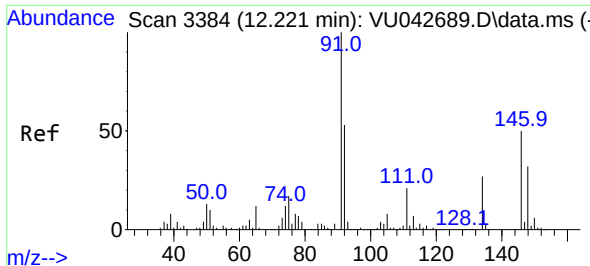
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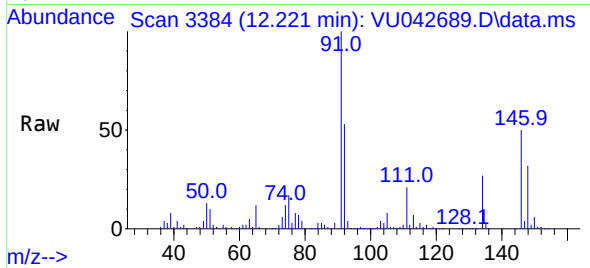
#84  
n-Butylbenzene  
Concen: 12.08 ug/l  
RT: 12.217 min Scan# 3383  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion: 91 Resp: 252242  
Ion Ratio Lower Upper  
91 100  
92 52.5 42.0 63.0  
134 25.6 20.5 30.7

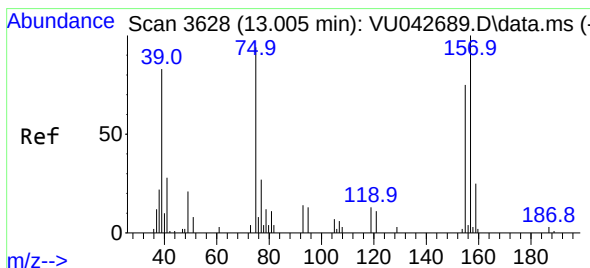
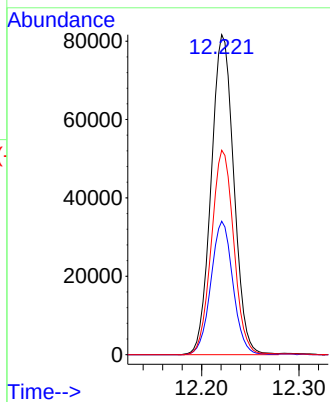
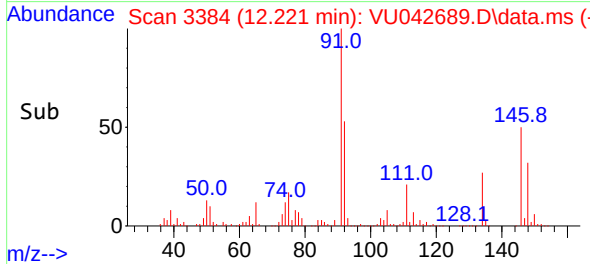




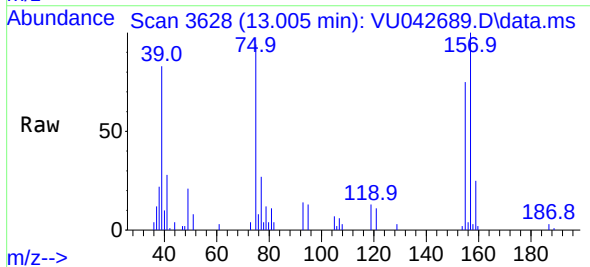
#85  
1,2-Dichlorobenzene  
Concen: 10.87 ug/l  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



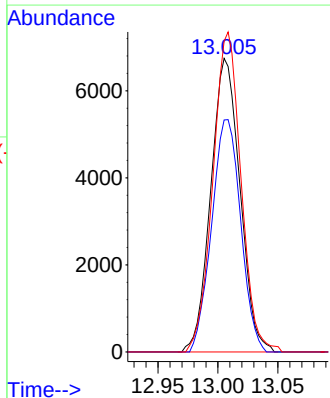
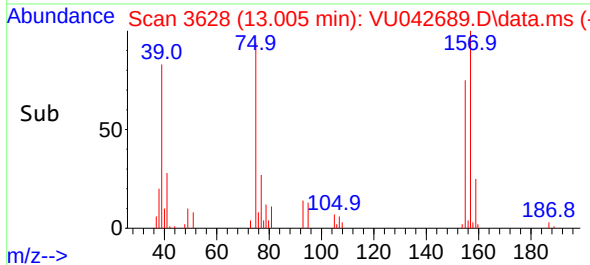
Tgt Ion: 146 Resp: 132124  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.3 60.8  
148 63.4 31.7 95.1



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 11.35 ug/l  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



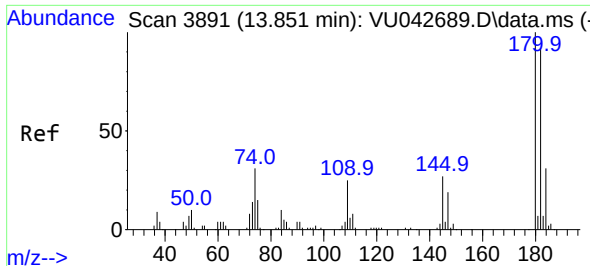
Tgt Ion: 75 Resp: 11416  
Ion Ratio Lower Upper  
75 100  
155 78.5 62.8 94.2  
157 105.0 84.0 126.0



Instrument :  
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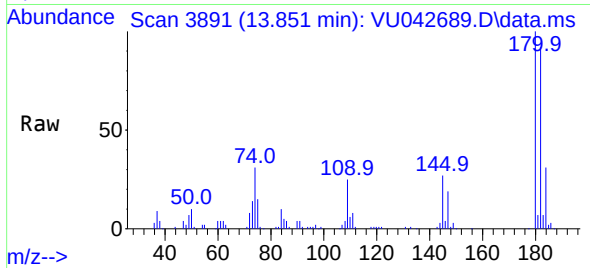
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#87  
1,2,4-Trichlorobenzene  
Concen: 11.85 ug/l  
RT: 13.851 min Scan# 3891  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

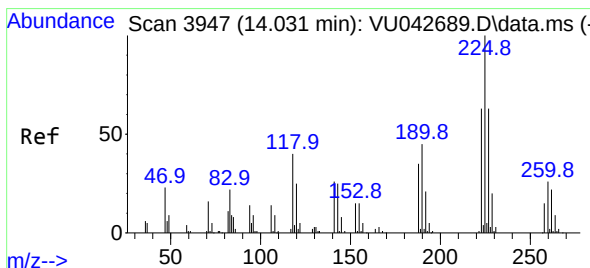
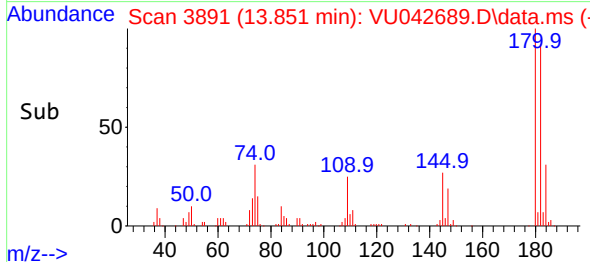
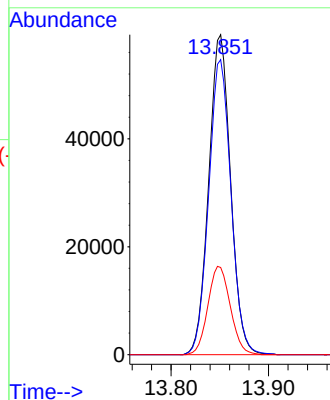
Instrument :  
MSVOA\_U  
ClientSampleId :  
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Tgt Ion:180 Resp: 92352  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.4 113.0  
145 28.3 22.6 34.0

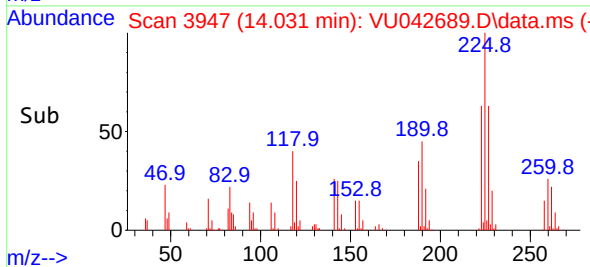
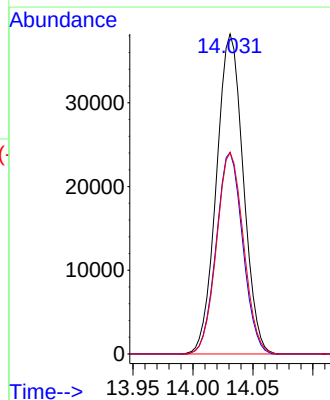
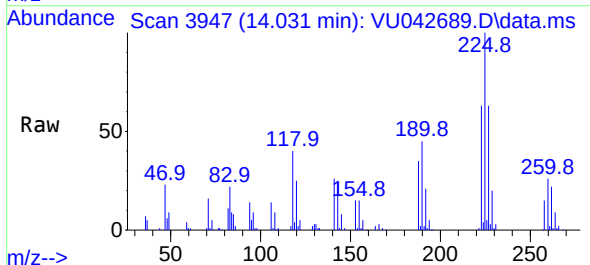
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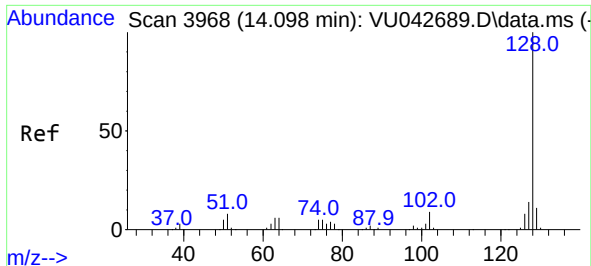
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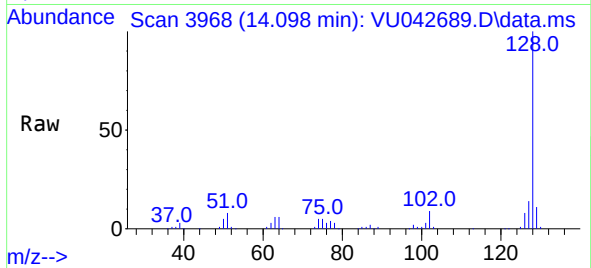
#88  
Hexachlorobutadiene  
Concen: 11.57 ug/l  
RT: 14.031 min Scan# 3947  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02

Tgt Ion:225 Resp: 59488  
Ion Ratio Lower Upper  
225 100  
223 62.1 49.7 74.5  
227 63.1 50.5 75.7

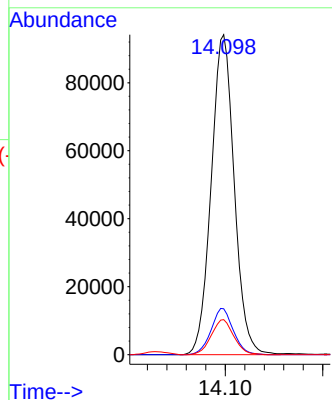
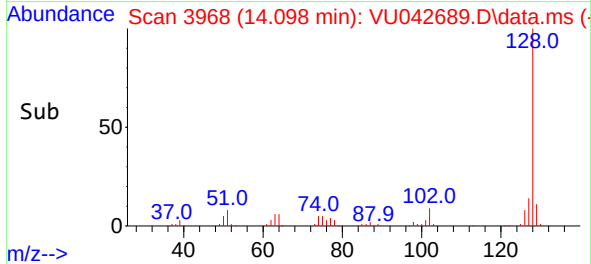




#89  
Naphthalene  
Concen: 11.58 ug/l  
RT: 14.098 min Scan# 3968  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
Acq: 17 Mar 2021 14:02



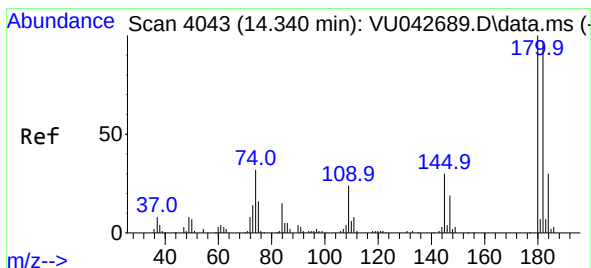
Tgt Ion:128 Resp: 154513  
Ion Ratio Lower Upper  
128 100  
127 13.9 11.1 16.7  
129 10.7 8.6 12.8



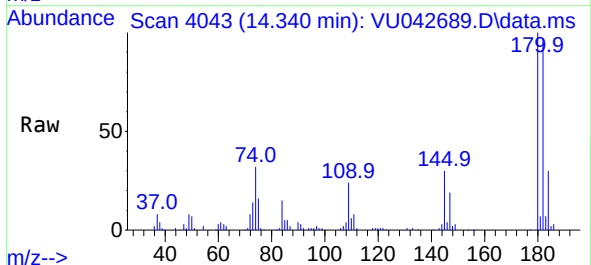
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICCC010

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#90  
1,2,3-Trichlorobenzene  
Concen: 11.89 ug/l  
RT: 14.340 min Scan# 4043  
Delta R.T. 0.000 min  
Lab File: VU042689.D  
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Tgt Ion:180 Resp: 88535  
Ion Ratio Lower Upper  
180 100  
182 96.2 77.0 115.4  
145 29.2 23.4 35.0

