

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050321\  
 Data File : VU043480.D  
 Acq On : 03 May 2021 10:53  
 Operator : SY/MD  
 Sample : VSTD01035  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 04 07:24:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 04 07:22:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114  | 100614   | 5.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117  | 101065   | 5.00   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 54077    | 5.00   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65   | 79673    | 14.06  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.916  | 69   | 59726    | 11.93  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65   | 38472    | 12.31  | ug/L  | 0.00     |
| 20) 2-Butanone-d5             | 4.642  | 46   | 254092   | 107.20 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.073  | 84   | 153896   | 11.44  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65   | 90477    | 10.03  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.735  | 84   | 283651   | 11.64  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67   | 96597    | 11.75  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.906  | 98   | 264349   | 10.61  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.186  | 79   | 39937    | 11.19  | ug/L  | 0.00     |
| 46) 2-Hexanone-d5             | 8.642  | 63   | 169889   | 97.59  | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84   | 74737    | 10.44  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152  | 95369    | 10.29  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85   | 67774    | 10.50  | ug/L  | 99       |
| 3) Chloromethane              | 1.520  | 50   | 65501    | 10.14  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.607  | 62   | 66743    | 10.05  | ug/L  | 98       |
| 6) Bromomethane               | 1.861  | 94   | 31908    | 8.49   | ug/L  | 98       |
| 8) Chloroethane               | 1.938  | 64   | 43484    | 9.16   | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 2.141  | 101  | 105627   | 8.86   | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.584  | 101  | 66810    | 10.04  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.584  | 96   | 56389    | 10.17  | ug/L  | 97       |
| 13) Acetone                   | 2.655  | 43   | 165965   | 96.94  | ug/L  | 97       |
| 14) Carbon disulfide          | 2.800  | 76   | 137510   | 9.71   | ug/L  | 99       |
| 15) Methyl Acetate            | 2.964  | 43   | 36934    | 10.87  | ug/L  | 100      |
| 16) Methylene chloride        | 3.054  | 84   | 71003    | 9.67   | ug/L  | 96       |
| 17) Methyl tert-butyl Ether   | 3.372  | 73   | 166114   | 9.18   | ug/L  | 99       |
| 18) trans-1,2-Dichloroethene  | 3.359  | 96   | 59396    | 10.06  | ug/L  | 97       |
| 19) 1,1-Dichloroethane        | 3.880  | 63   | 137838   | 10.44  | ug/L  | 99       |
| 21) 2-Butanone                | 4.723  | 43   | 273968   | 98.86  | ug/L  | 99       |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96   | 69952    | 9.97   | ug/L  | 97       |
| 23) Bromochloromethane        | 4.983  | 128  | 31251    | 9.76   | ug/L  | 93       |
| 25) Chloroform                | 5.099  | 83   | 143726   | 10.30  | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 5.803  | 62   | 99147    | 9.69   | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97   | 118565   | 9.61   | ug/L  | 99       |
| 30) Cyclohexane               | 5.398  | 56   | 103755   | 9.95   | ug/L  | 99       |
| 31) Carbon tetrachloride      | 5.533  | 117  | 96500    | 9.39   | ug/L  | 99       |
| 33) Benzene                   | 5.784  | 78   | 274973   | 10.17  | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95   | 69616    | 9.46   | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.771  | 83   | 96067    | 9.62   | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 6.800  | 63   | 80888    | 10.50  | ug/L  | 99       |
| 38) Bromodichloromethane      | 7.115  | 83   | 104159   | 10.17  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.616  | 75   | 110121   | 10.02  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.800  | 43   | 664894   | 96.41  | ug/L  | 100      |
| 42) Toluene                   | 7.977  | 91   | 295013   | 9.87   | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.218  | 75   | 100772   | 9.71   | ug/L  | 95       |

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 Data File : VU043480.D  
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 Operator : SY/MD  
 Sample : VSTD01035  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

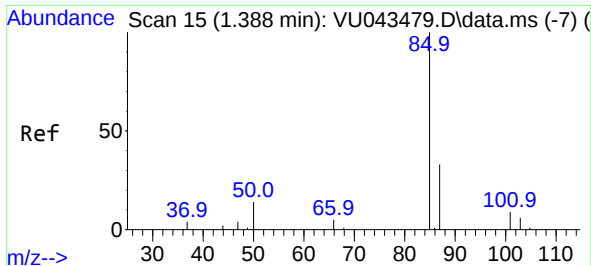
Quant Time: May 04 07:24:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR050321WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 04 07:22:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 8.407  | 97   | 54245    | 9.59  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.562  | 164  | 51753    | 9.01  | ug/L  | 96       |
| 48) 2-Hexanone                | 8.694  | 43   | 497793   | 97.39 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.819  | 129  | 66211    | 9.33  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.931  | 107  | 51067    | 9.11  | ug/L  | 98       |
| 51) Chlorobenzene             | 9.452  | 112  | 181498   | 9.60  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.578  | 91   | 323737   | 9.61  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.700  | 106  | 119814   | 9.70  | ug/L  | 100      |
| 54) o-Xylene                  | 10.108 | 106  | 116791   | 9.59  | ug/L  | 98       |
| 55) Styrene                   | 10.121 | 104  | 210526   | 10.00 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.790 | 83   | 72659    | 9.67  | ug/L  | 96       |
| 59) Bromoform                 | 10.298 | 173  | 38857    | 8.99  | ug/L  | 98       |
| 60) Isopropylbenzene          | 10.491 | 105  | 323462   | 9.68  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.829 | 75   | 51543    | 9.21  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 11.095 | 105  | 263716   | 9.78  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.475 | 105  | 270303   | 9.75  | ug/L  | 97       |
| 64) 1,3-Dichlorobenzene       | 11.751 | 146  | 151575   | 9.43  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.841 | 146  | 152614   | 9.37  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 12.221 | 146  | 148931   | 9.54  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 13.005 | 75   | 12290    | 9.14  | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 13.227 | 180  | 121073   | 9.29  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180  | 100494   | 9.33  | ug/L  | 99       |
| 71) Naphthalene               | 14.095 | 128  | 184259   | 10.05 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.336 | 180  | 97898    | 9.84  | ug/L  | 99       |

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

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue May 04 07:22:33 2021  
Response via : Initial Calibration

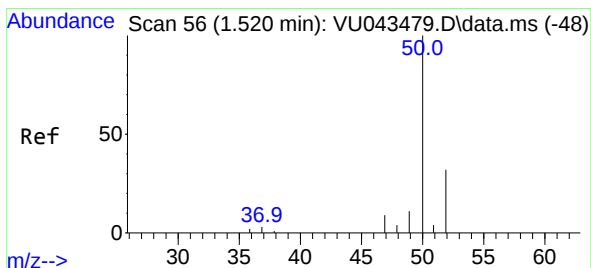
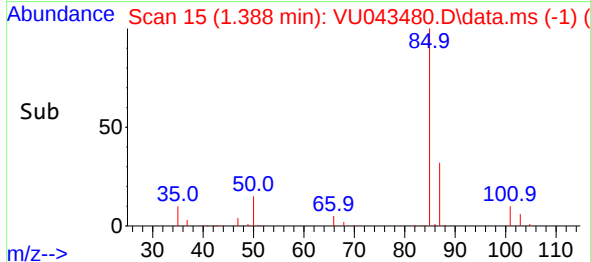
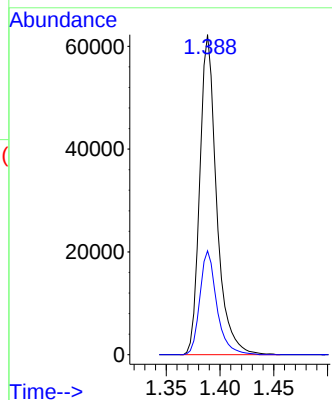
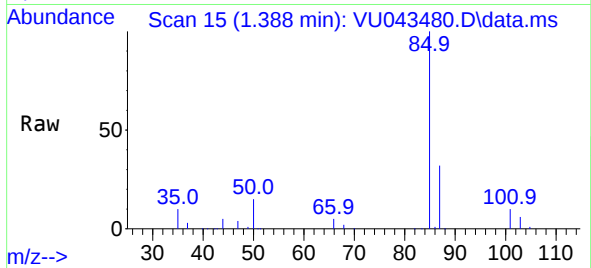




#2  
Dichlorodifluoromethane  
Concen: 10.50 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

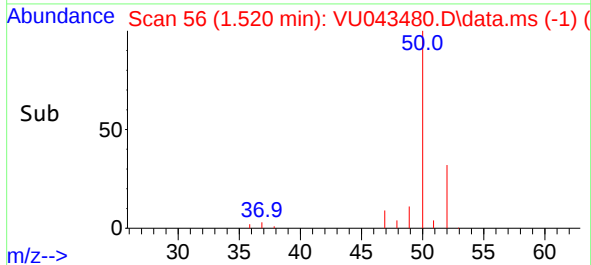
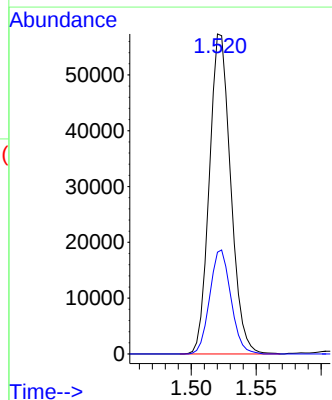
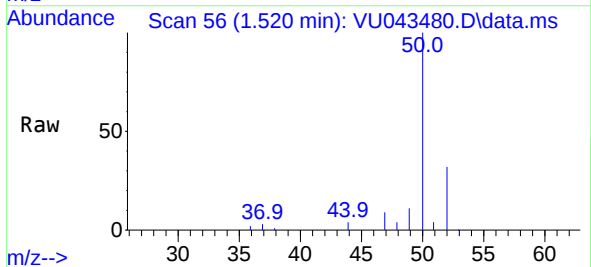
Tgt Ion: 85 Resp: 67774  
Ion Ratio Lower Upper  
85 100  
87 32.6 26.6 39.8

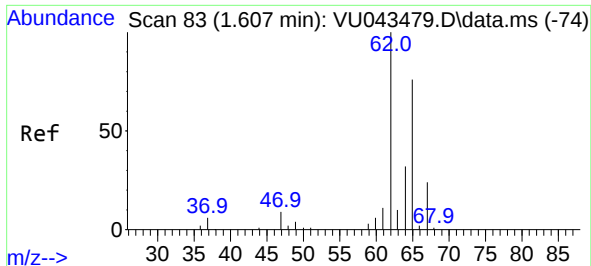
Instrument :  
MSVOA\_U  
ClientSampled :



#3  
Chloromethane  
Concen: 10.14 ug/L  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 50 Resp: 65501  
Ion Ratio Lower Upper  
50 100  
52 31.8 22.1 41.1

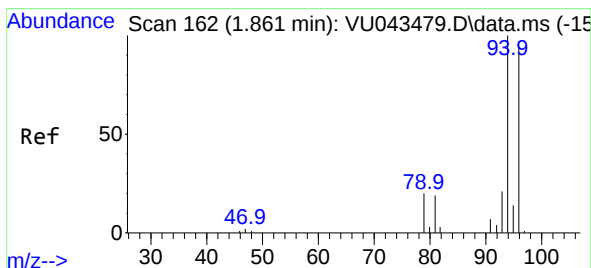
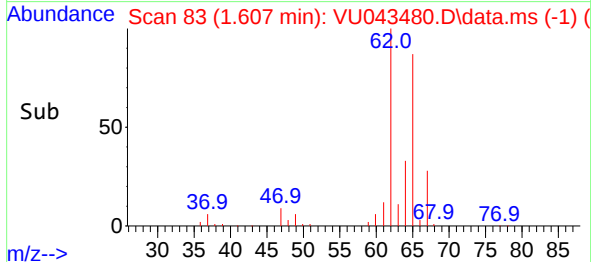
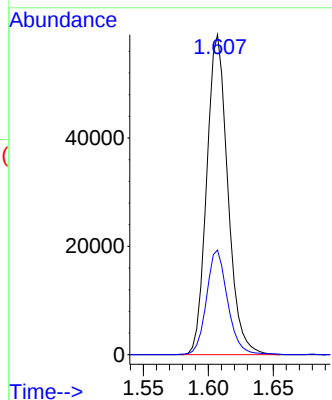
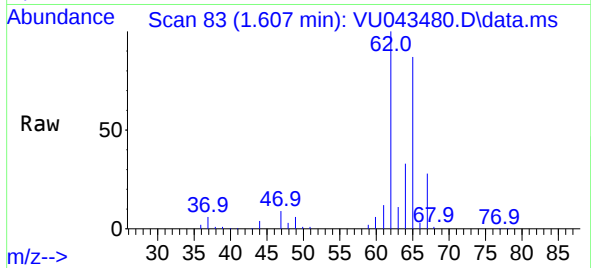




#5  
 Vinyl chloride  
 Concen: 10.05 ug/L  
 RT: 1.607 min Scan# 83  
 Delta R.T. 0.000 min  
 Lab File: VU043480.D  
 Acq: 03 May 2021 10:53

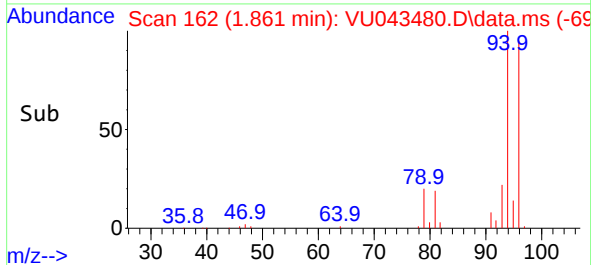
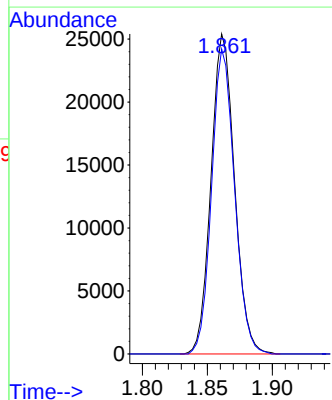
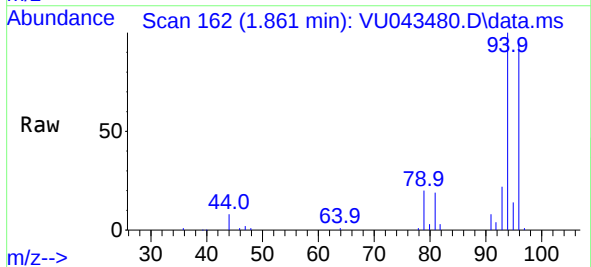
Instrument :  
 MSVOA\_U  
 ClientSampled :

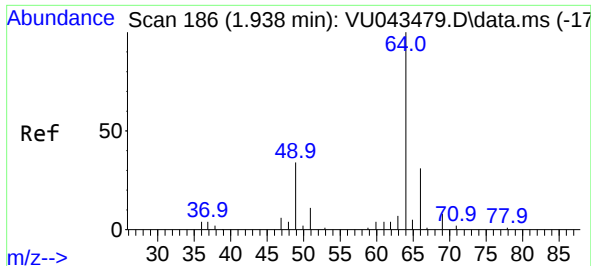
Tgt Ion: 62 Resp: 66743  
 Ion Ratio Lower Upper  
 62 100  
 64 32.7 22.3 41.3



#6  
 Bromomethane  
 Concen: 8.49 ug/L  
 RT: 1.861 min Scan# 162  
 Delta R.T. 0.000 min  
 Lab File: VU043480.D  
 Acq: 03 May 2021 10:53

Tgt Ion: 94 Resp: 31908  
 Ion Ratio Lower Upper  
 94 100  
 96 95.3 65.7 121.9

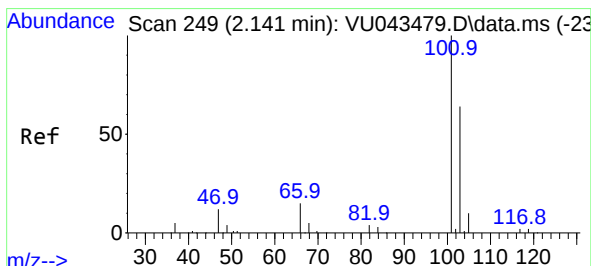
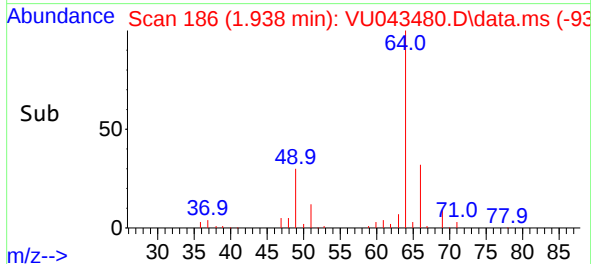
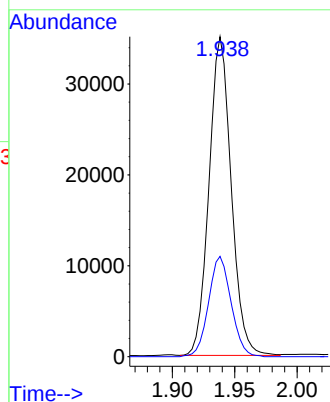
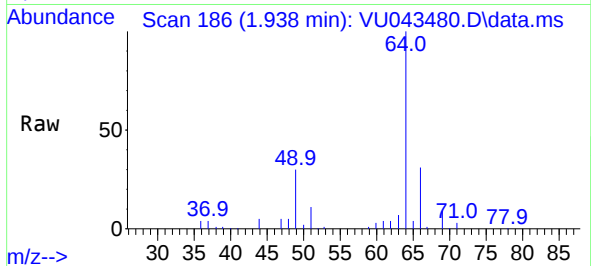




#8  
Chloroethane  
Concen: 9.16 ug/L  
RT: 1.938 min Scan# 186  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

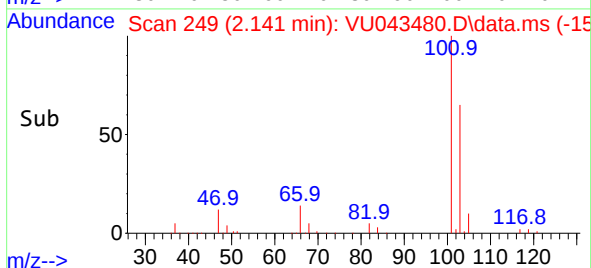
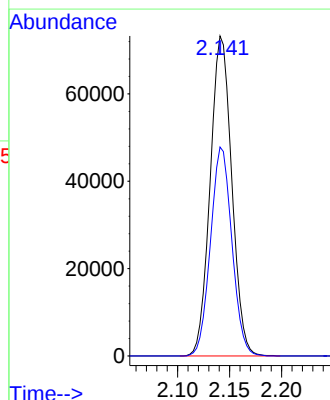
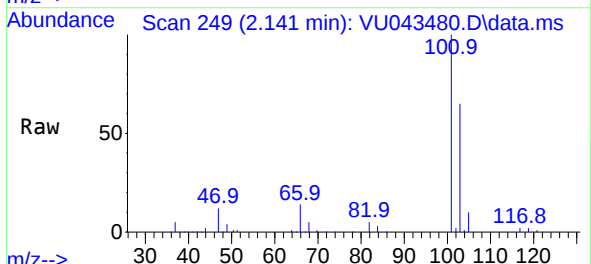
Instrument :  
MSVOA\_U  
ClientSampled :

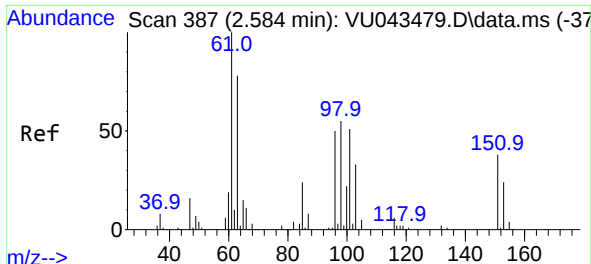
Tgt Ion: 64 Resp: 43484  
Ion Ratio Lower Upper  
64 100  
66 31.4 21.8 40.4



#9  
Trichlorofluoromethane  
Concen: 8.86 ug/L  
RT: 2.141 min Scan# 249  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 101 Resp: 105627  
Ion Ratio Lower Upper  
101 100  
103 64.8 52.6 78.8

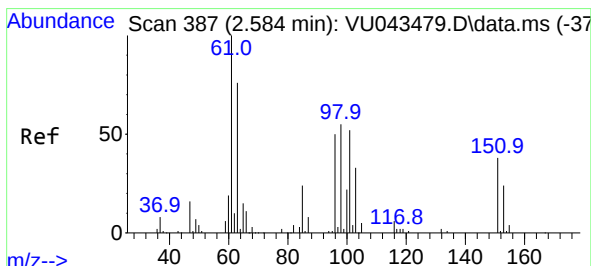
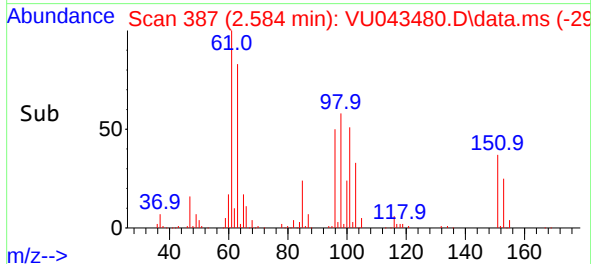
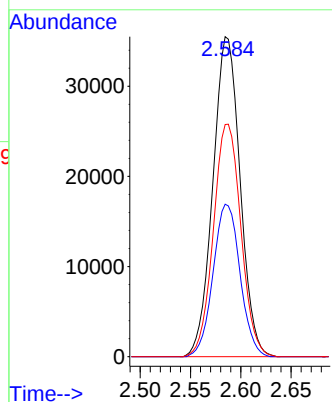
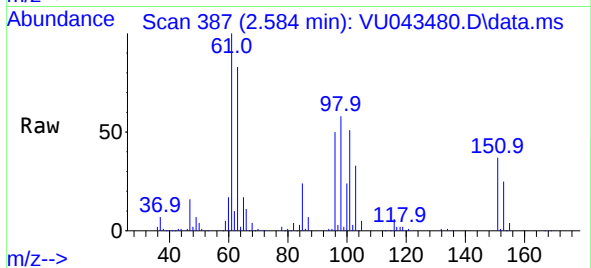




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 10.04 ug/L  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

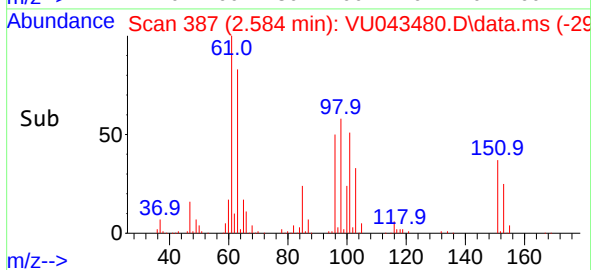
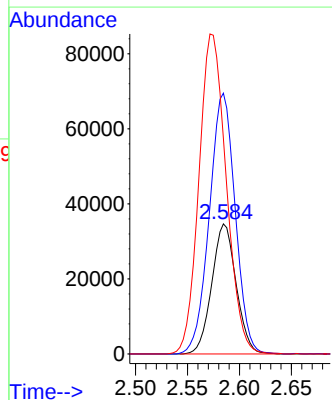
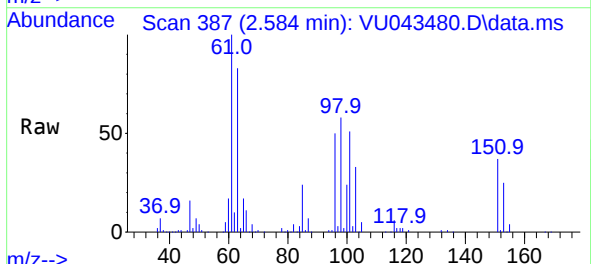
Instrument :  
MSVOA\_U  
ClientSampled :

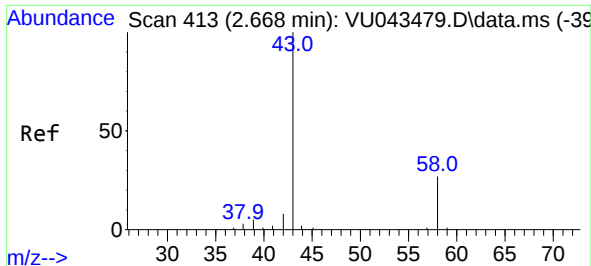
Tgt Ion:101 Resp: 66810  
Ion Ratio Lower Upper  
101 100  
85 47.1 38.5 57.7  
151 73.6 58.5 87.7



#12  
1,1-Dichloroethene  
Concen: 10.17 ug/L  
RT: 2.584 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 96 Resp: 56389  
Ion Ratio Lower Upper  
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61 200.5 141.2 262.2  
63 165.7 111.1 206.3

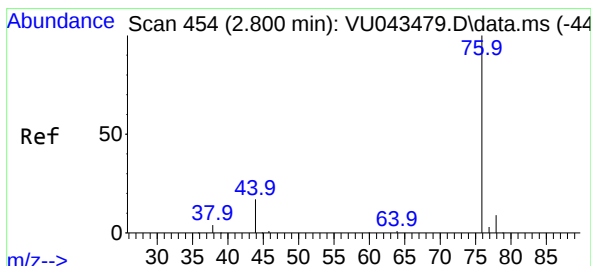
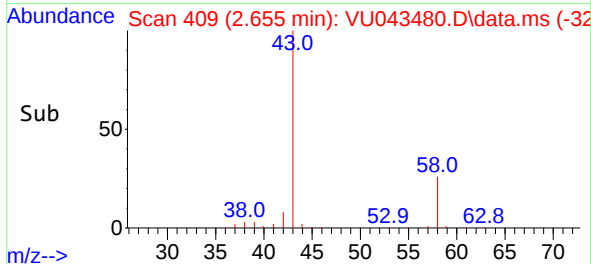
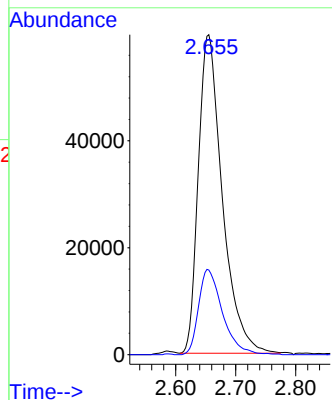
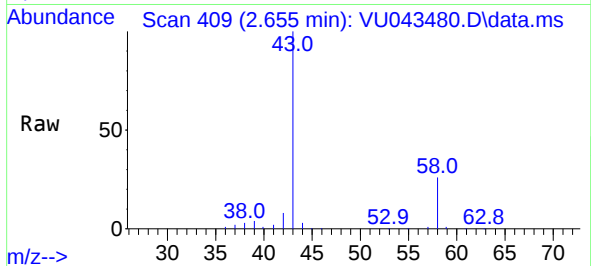




#13  
Acetone  
Concen: 96.94 ug/L  
RT: 2.655 min Scan# 409  
Delta R.T. -0.013 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

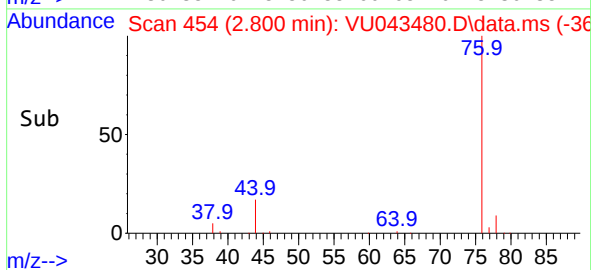
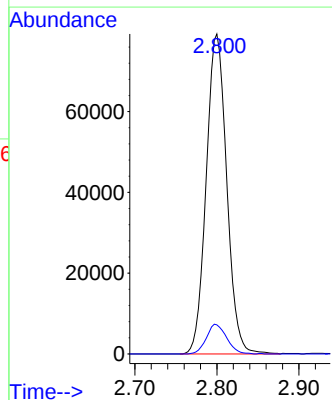
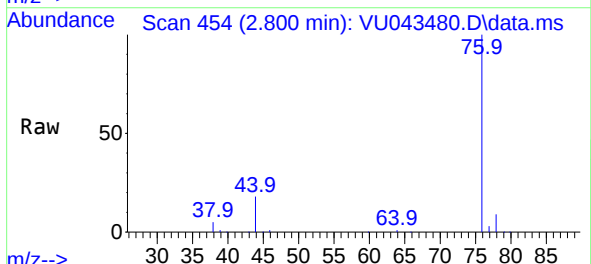
Instrument :  
MSVOA\_U  
ClientSampled :

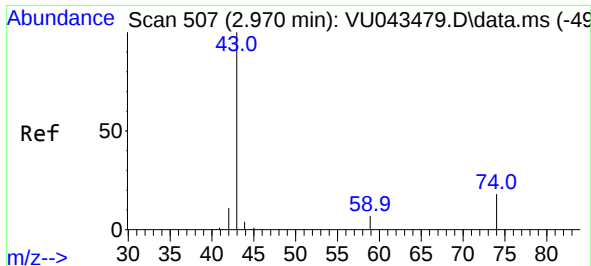
Tgt Ion: 43 Resp: 165965  
Ion Ratio Lower Upper  
43 100  
58 26.7 0.0 50.8



#14  
Carbon disulfide  
Concen: 9.71 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 76 Resp: 137510  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.2

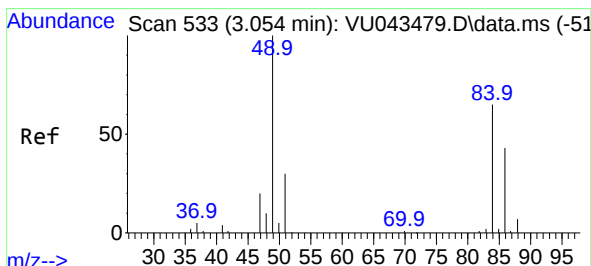
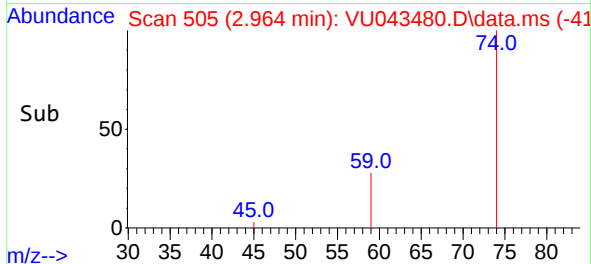
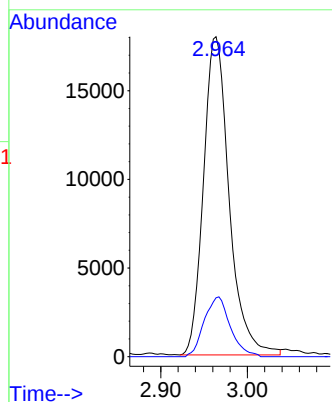
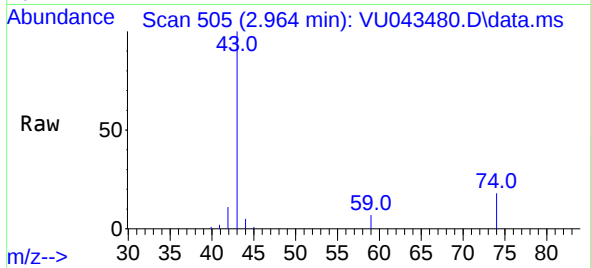




#15  
Methyl Acetate  
Concen: 10.87 ug/L  
RT: 2.964 min Scan# 505  
Delta R.T. -0.006 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

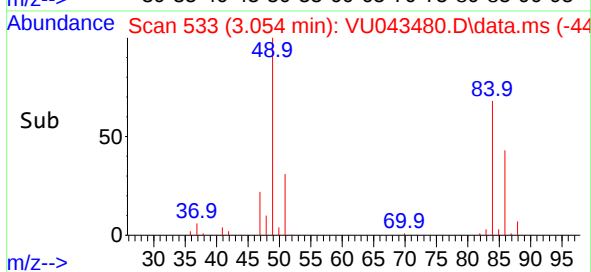
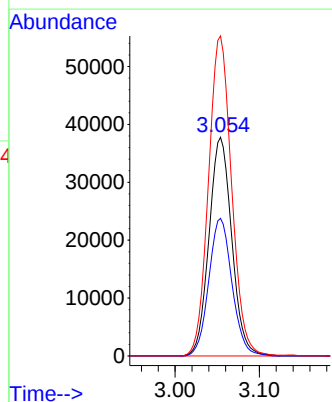
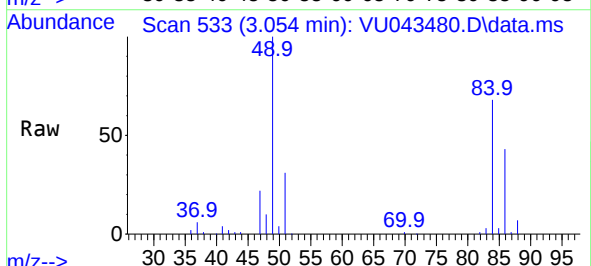
Instrument :  
MSVOA\_U  
ClientSampled :

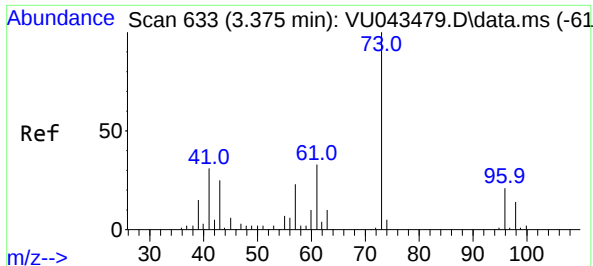
Tgt Ion: 43 Resp: 36934  
Ion Ratio Lower Upper  
43 100  
74 19.1 15.2 22.8



#16  
Methylene chloride  
Concen: 9.67 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 84 Resp: 71003  
Ion Ratio Lower Upper  
84 100  
86 62.9 45.6 84.6  
49 146.3 107.0 198.8

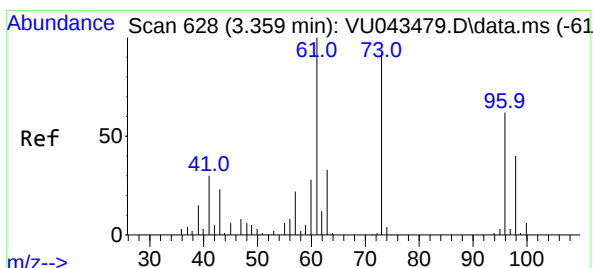
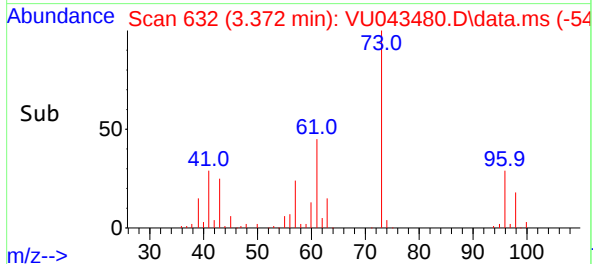
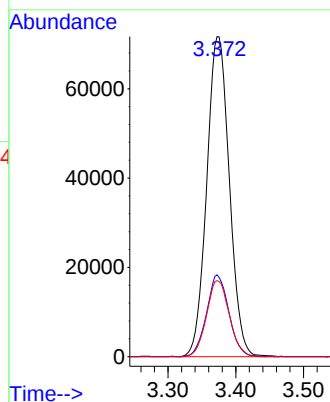
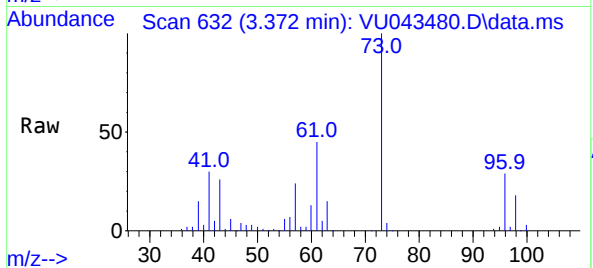




#17  
Methyl tert-butyl Ether  
Concen: 9.18 ug/L  
RT: 3.372 min Scan# 632  
Delta R.T. -0.003 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

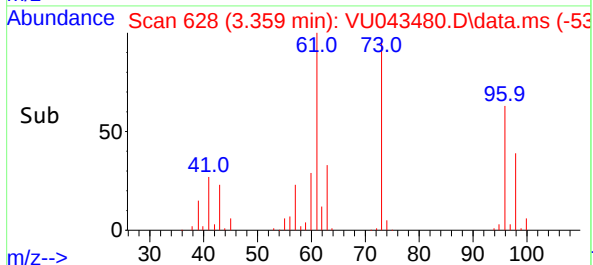
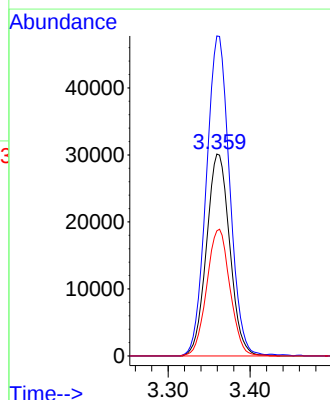
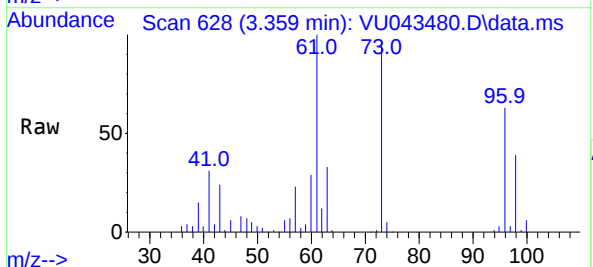
Instrument :  
MSVOA\_U  
ClientSampled :

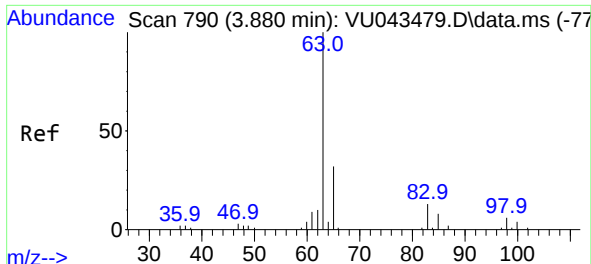
Tgt Ion: 73 Resp: 166114  
Ion Ratio Lower Upper  
73 100  
43 25.2 20.6 30.8  
57 24.0 18.7 28.1



#18  
trans-1,2-Dichloroethene  
Concen: 10.06 ug/L  
RT: 3.359 min Scan# 628  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 96 Resp: 59396  
Ion Ratio Lower Upper  
96 100  
61 158.4 113.5 210.9  
98 61.9 45.4 84.2



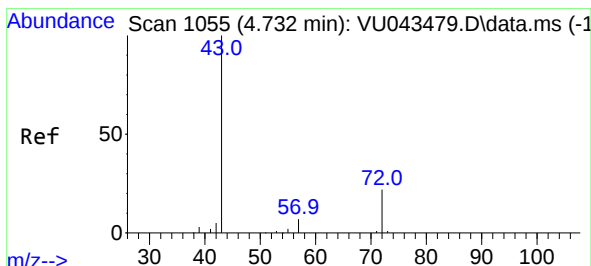
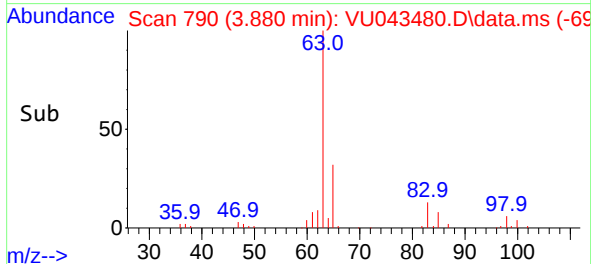
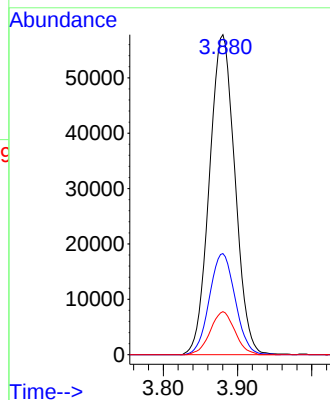
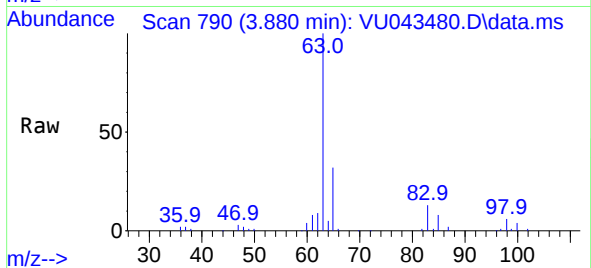


#19

1,1-Dichloroethane  
Concen: 10.44 ug/L  
RT: 3.880 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Instrument :  
MSVOA\_U  
ClientSampleId :

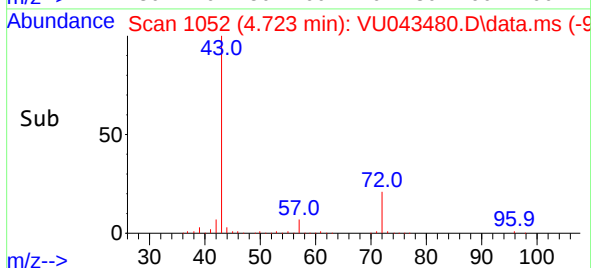
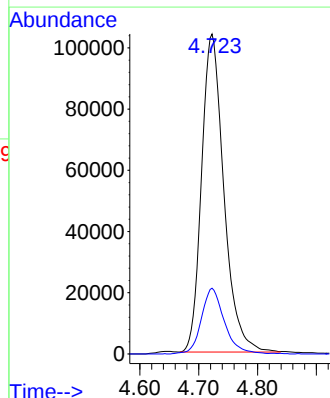
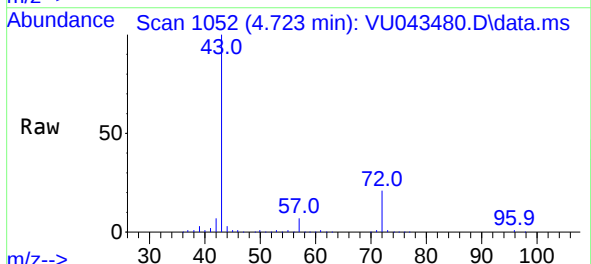
Tgt Ion: 63 Resp: 137838  
Ion Ratio Lower Upper  
63 100  
65 31.6 22.7 42.1  
83 13.4 9.4 17.4

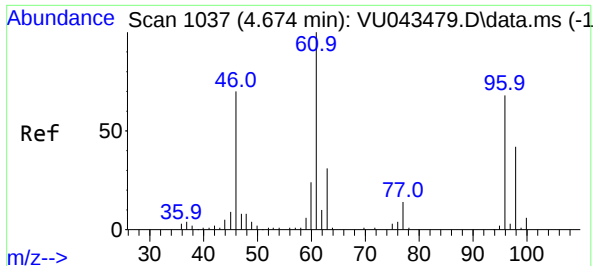


#21

2-Butanone  
Concen: 98.86 ug/L  
RT: 4.723 min Scan# 1052  
Delta R.T. -0.009 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 43 Resp: 273968  
Ion Ratio Lower Upper  
43 100  
72 21.2 10.8 32.4

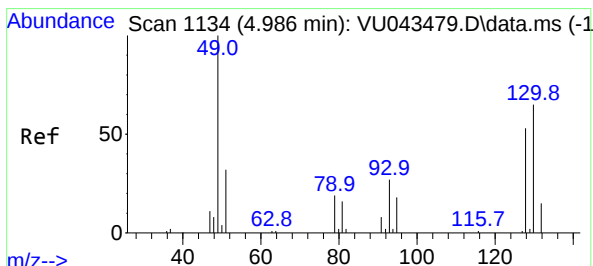
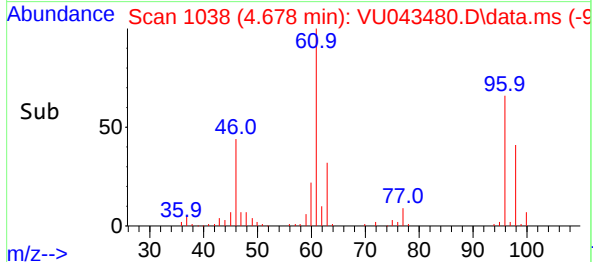
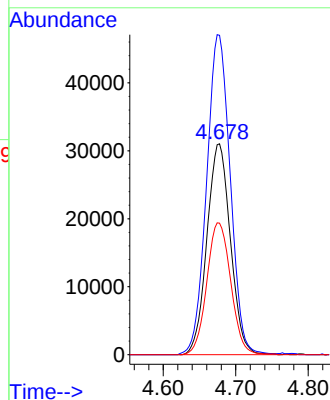
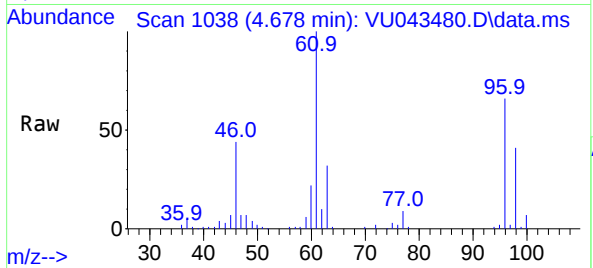




#22  
 cis-1,2-Dichloroethene  
 Concen: 9.97 ug/L  
 RT: 4.678 min Scan# 1038  
 Delta R.T. 0.003 min  
 Lab File: VU043480.D  
 Acq: 03 May 2021 10:53

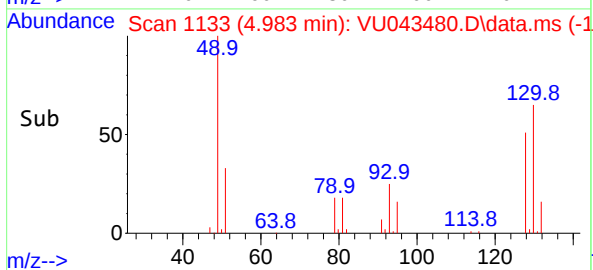
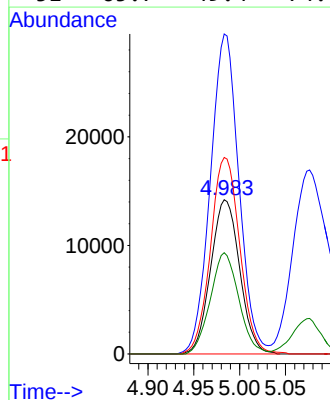
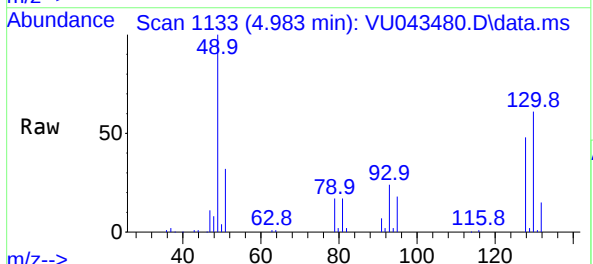
Instrument :  
 MSVOA\_U  
 ClientSampled :

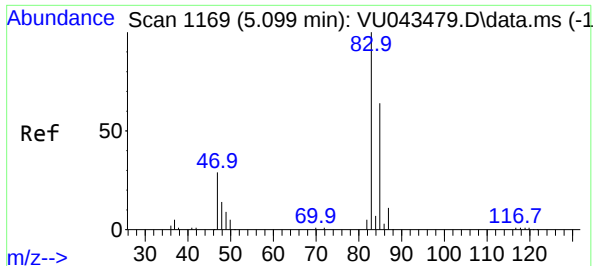
Tgt Ion: 96 Resp: 69952  
 Ion Ratio Lower Upper  
 96 100  
 61 151.4 102.8 190.8  
 98 62.4 42.8 79.6



#23  
 Bromochloromethane  
 Concen: 9.76 ug/L  
 RT: 4.983 min Scan# 1133  
 Delta R.T. -0.003 min  
 Lab File: VU043480.D  
 Acq: 03 May 2021 10:53

Tgt Ion: 128 Resp: 31251  
 Ion Ratio Lower Upper  
 128 100  
 49 207.5 134.2 249.2  
 130 127.4 87.2 162.0  
 51 65.7 49.4 74.0



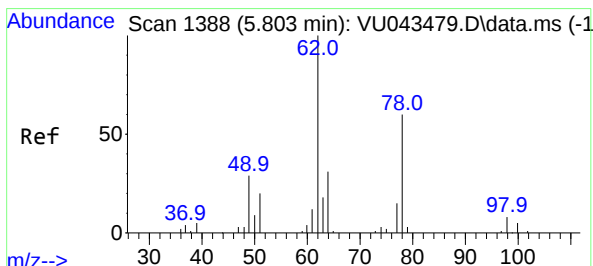
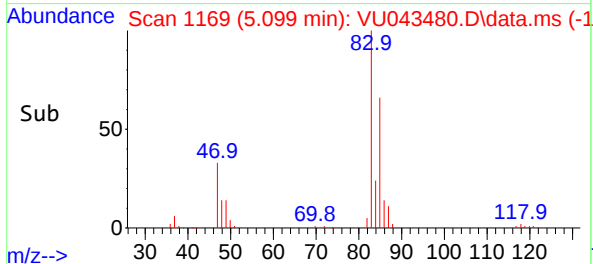
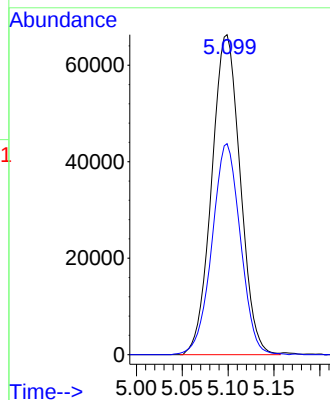
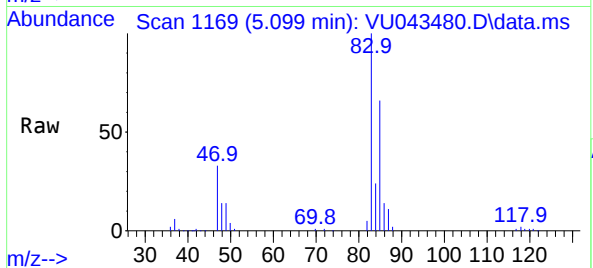


#25

Chloroform  
Concen: 10.30 ug/L  
RT: 5.099 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Instrument :  
MSVOA\_U  
ClientSampled :

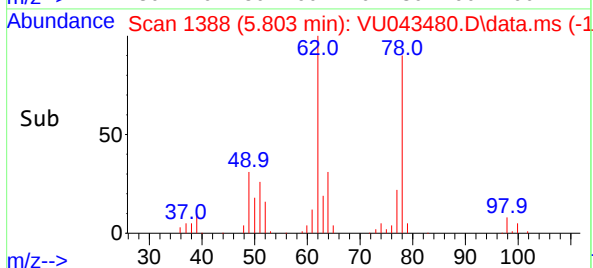
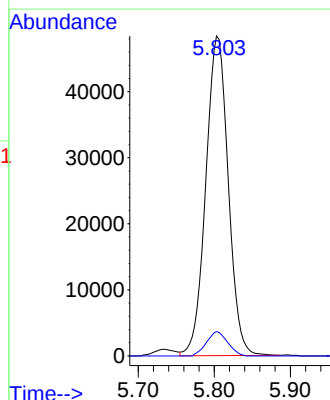
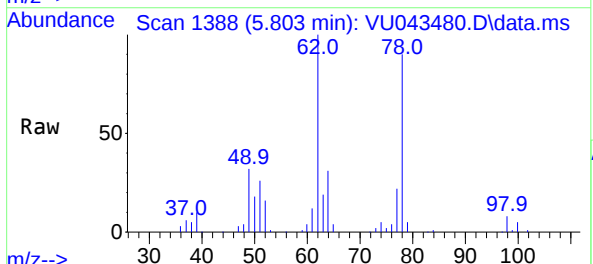
Tgt Ion: 83 Resp: 143726  
Ion Ratio Lower Upper  
83 100  
85 66.0 45.1 83.9

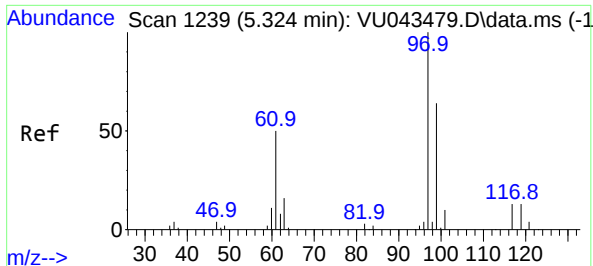


#27

1,2-Dichloroethane  
Concen: 9.69 ug/L  
RT: 5.803 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 62 Resp: 99147  
Ion Ratio Lower Upper  
62 100  
98 7.6 6.1 9.1

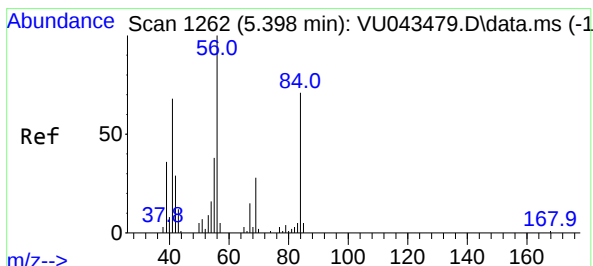
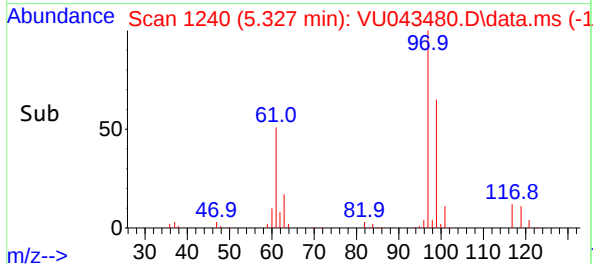
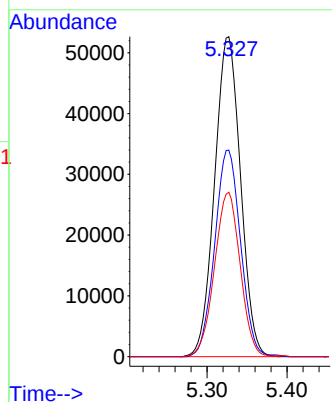
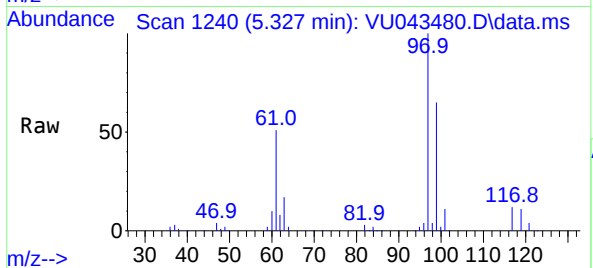




#29  
1,1,1-Trichloroethane  
Concen: 9.61 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. 0.003 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

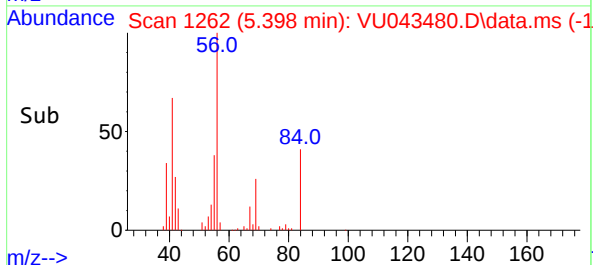
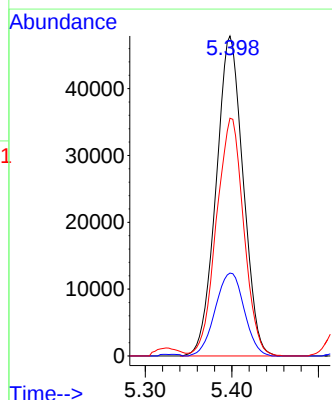
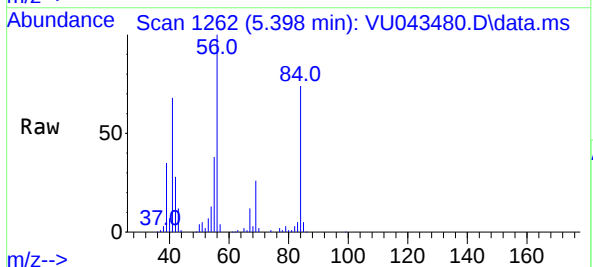
Instrument :  
MSVOA\_U  
ClientSampled :

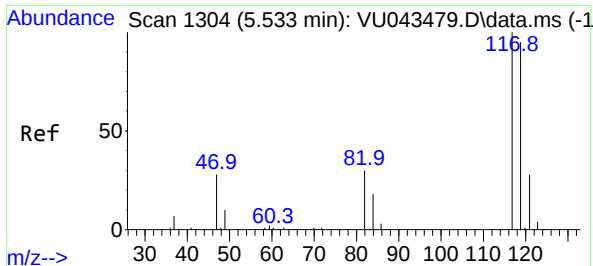
Tgt Ion: 97 Resp: 118565  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.8 77.6  
61 50.9 39.8 59.8



#30  
Cyclohexane  
Concen: 9.95 ug/L  
RT: 5.398 min Scan# 1262  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 56 Resp: 103755  
Ion Ratio Lower Upper  
56 100  
69 27.8 23.0 34.4  
84 75.2 60.3 90.5

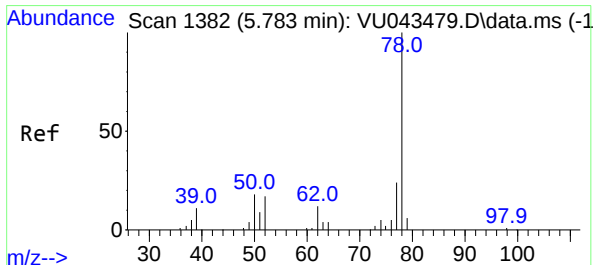
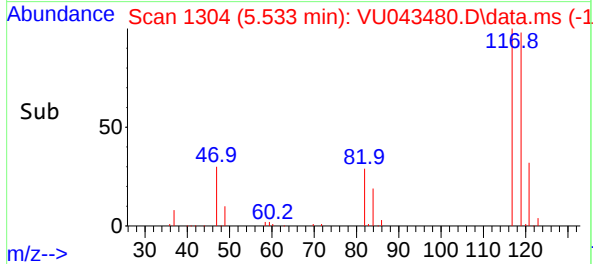
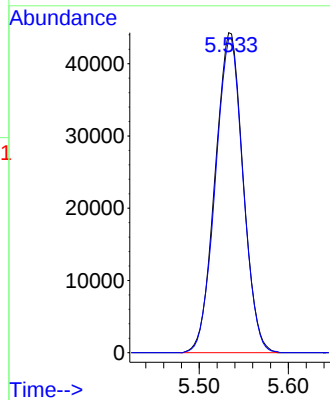
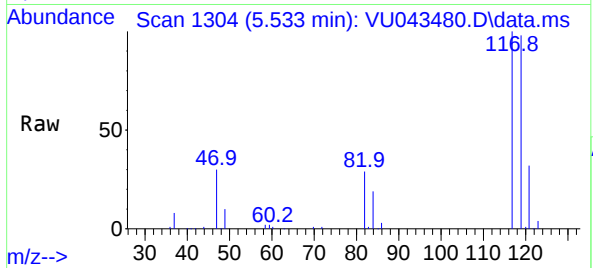




#31  
Carbon tetrachloride  
Concen: 9.39 ug/L  
RT: 5.533 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

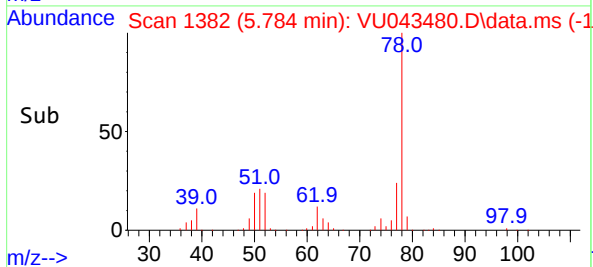
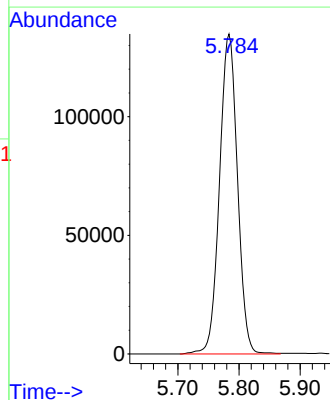
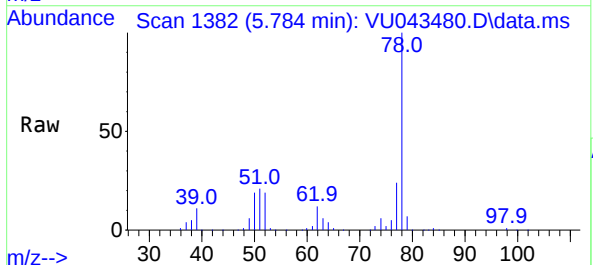
Instrument :  
MSVOA\_U  
ClientSampled :

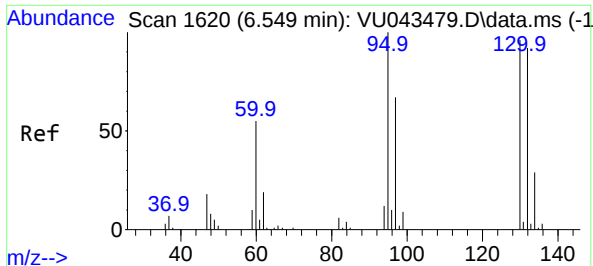
Tgt Ion:117 Resp: 96500  
Ion Ratio Lower Upper  
117 100  
119 97.4 77.0 115.6



#33  
Benzene  
Concen: 10.17 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 78 Resp: 274973

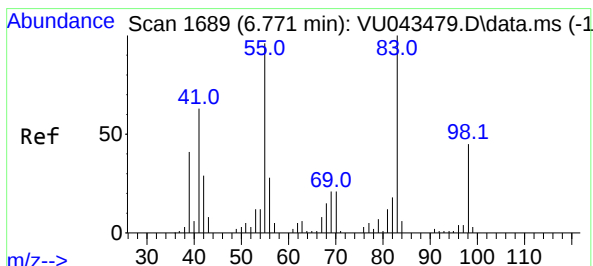
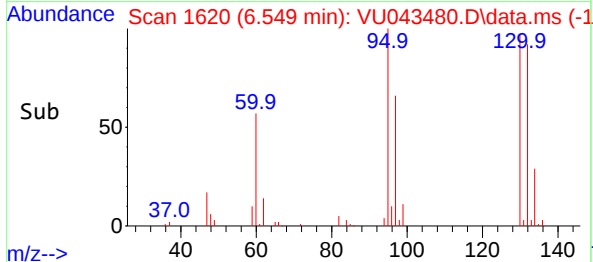
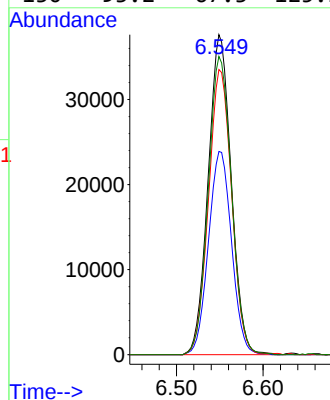
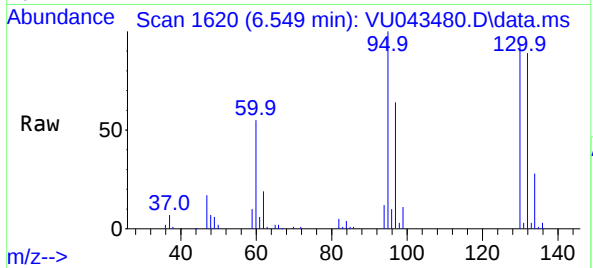




#34  
Trichloroethene  
Concen: 9.46 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

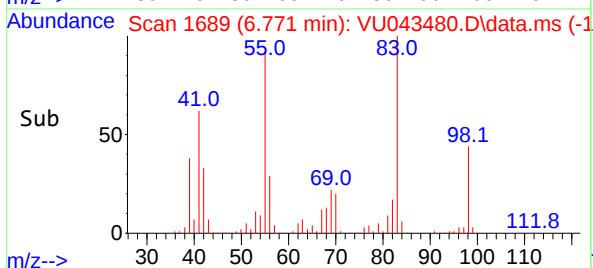
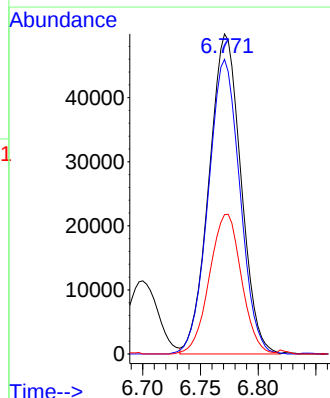
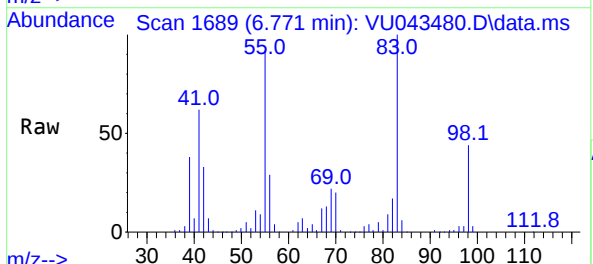
Instrument :  
MSVOA\_U  
ClientSampled :

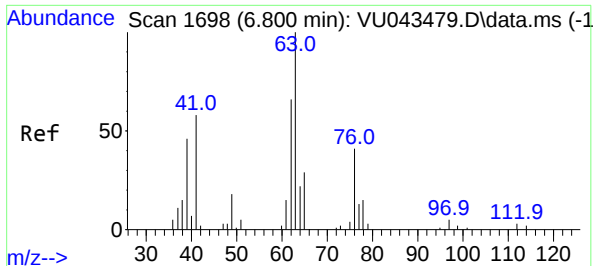
Tgt Ion: 95 Resp: 69616  
Ion Ratio Lower Upper  
95 100  
97 63.5 46.5 86.5  
132 89.1 64.1 119.1  
130 93.2 67.3 125.1



#35  
Methylcyclohexane  
Concen: 9.62 ug/L  
RT: 6.771 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 83 Resp: 96067  
Ion Ratio Lower Upper  
83 100  
55 91.4 75.8 113.8  
98 43.8 35.5 53.3

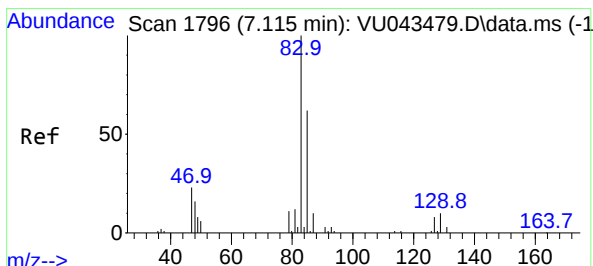
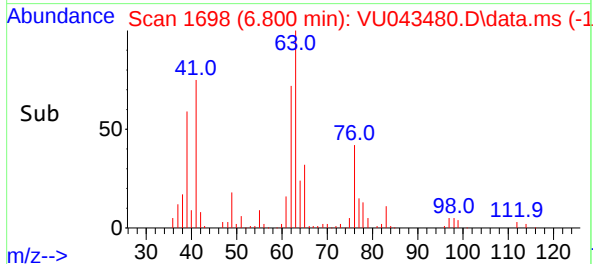
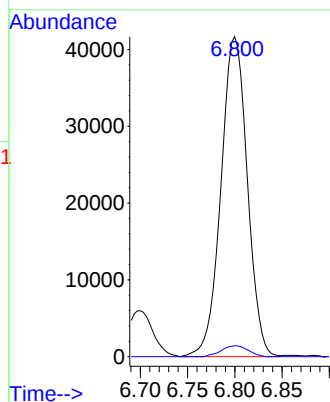
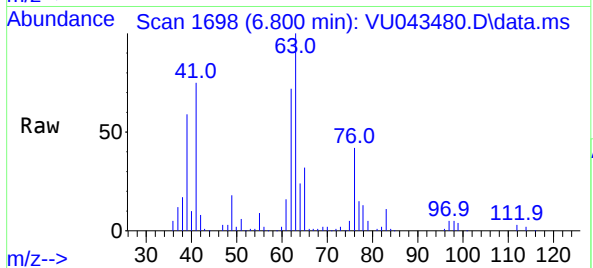




#37  
1,2-Dichloropropane  
Concen: 10.50 ug/L  
RT: 6.800 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

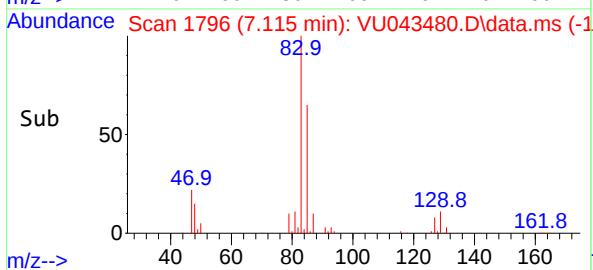
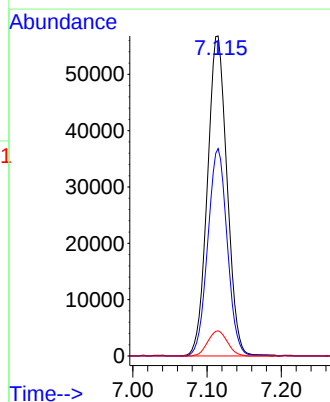
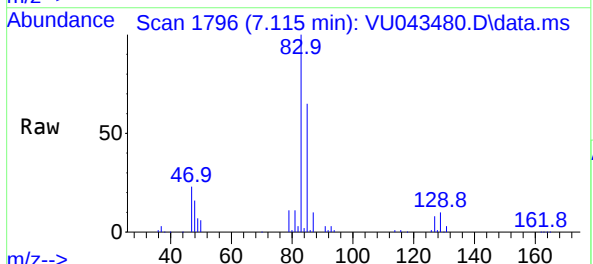
Instrument :  
MSVOA\_U  
ClientSampled :

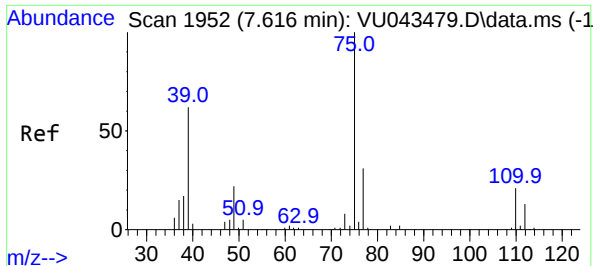
Tgt Ion: 63 Resp: 80888  
Ion Ratio Lower Upper  
63 100  
112 3.5 2.6 3.8



#38  
Bromodichloromethane  
Concen: 10.17 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 83 Resp: 104159  
Ion Ratio Lower Upper  
83 100  
85 64.8 43.3 80.5  
127 7.8 6.2 9.4

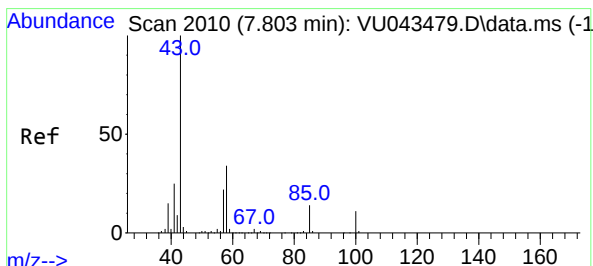
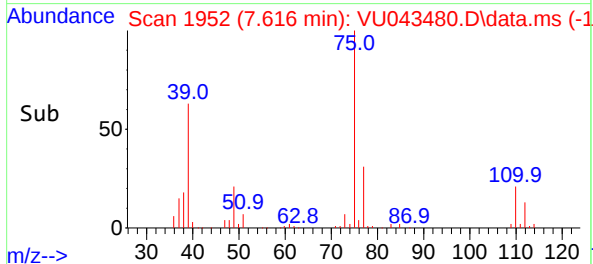
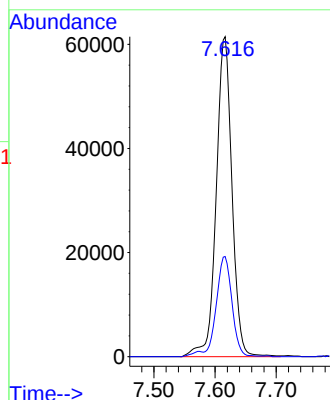
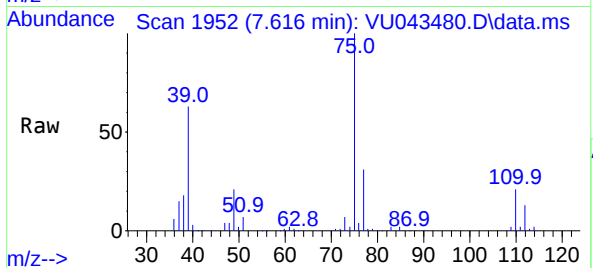




#39  
cis-1,3-Dichloropropene  
Concen: 10.02 ug/L  
RT: 7.616 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

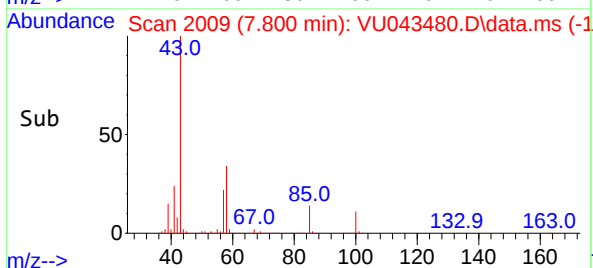
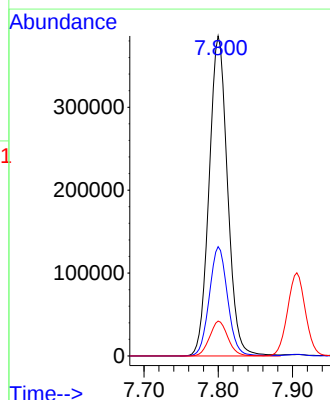
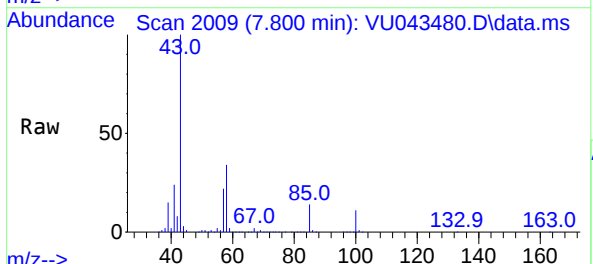
Instrument :  
MSVOA\_U  
ClientSampled :

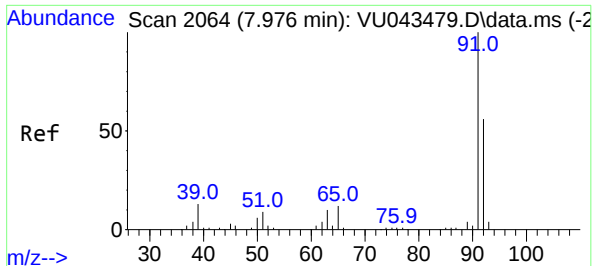
Tgt Ion: 75 Resp: 110121  
Ion Ratio Lower Upper  
75 100  
77 31.3 21.9 40.7



#40  
4-Methyl-2-pentanone  
Concen: 96.41 ug/L  
RT: 7.800 min Scan# 2009  
Delta R.T. -0.003 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 43 Resp: 664894  
Ion Ratio Lower Upper  
43 100  
58 33.9 26.9 40.3  
100 10.8 8.6 13.0





#42

Toluene

Concen: 9.87 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043480.D

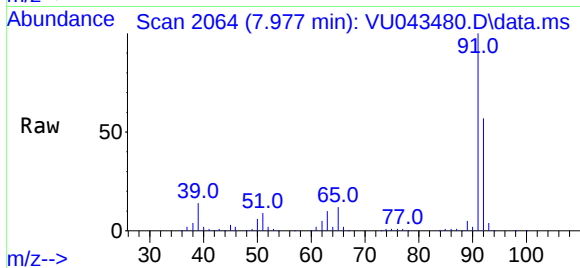
Acq: 03 May 2021 10:53

Tgt Ion: 91 Resp: 295013

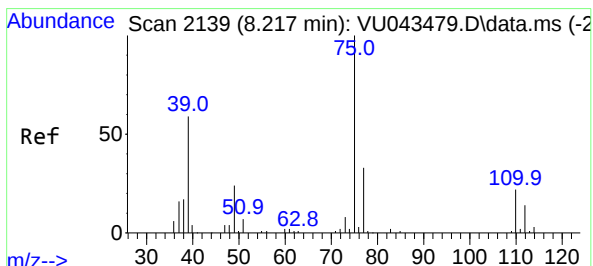
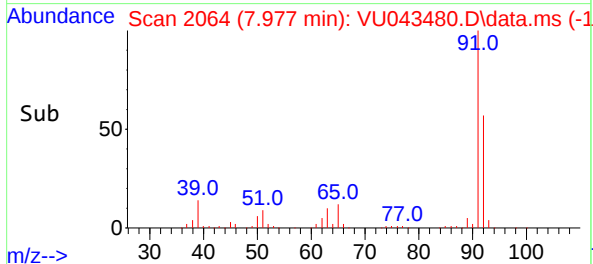
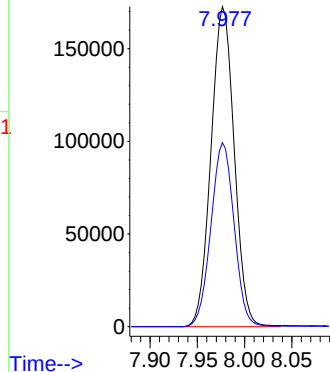
Ion Ratio Lower Upper

91 100

92 57.5 39.1 72.5



Abundance



#44

trans-1,3-Dichloropropene

Concen: 9.71 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043480.D

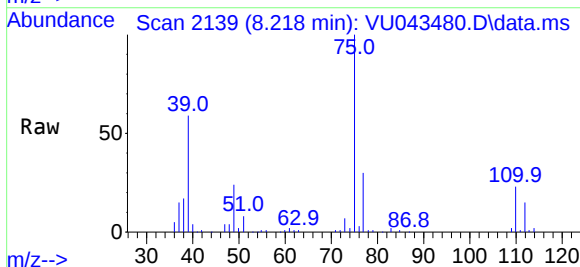
Acq: 03 May 2021 10:53

Tgt Ion: 75 Resp: 100772

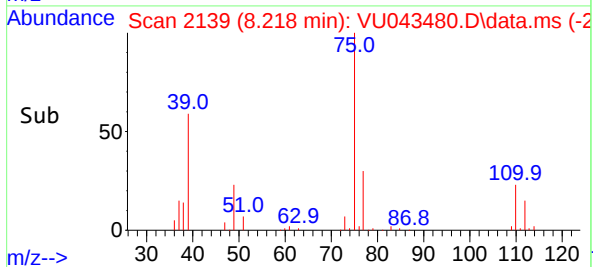
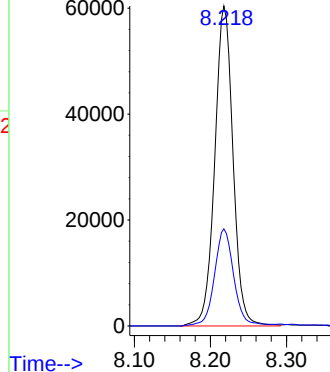
Ion Ratio Lower Upper

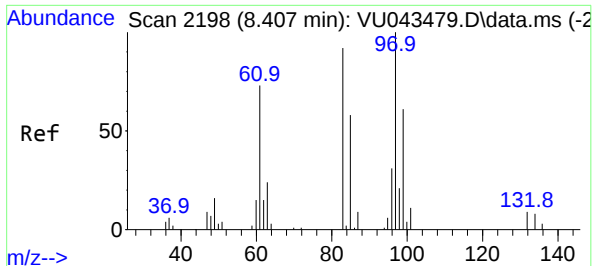
75 100

77 30.3 23.3 43.3



Abundance



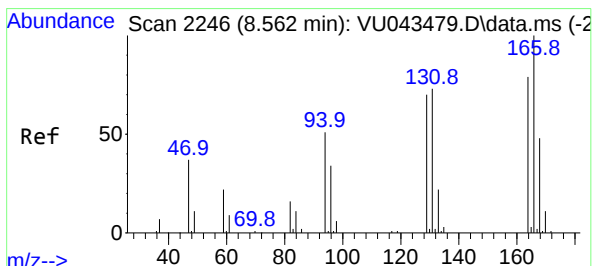
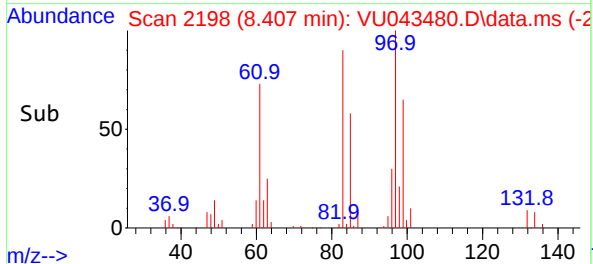
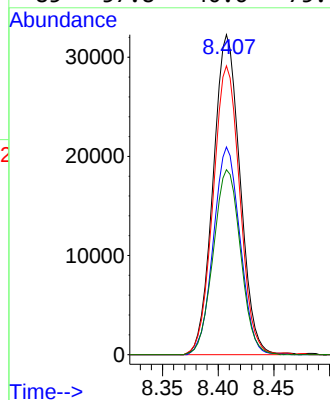
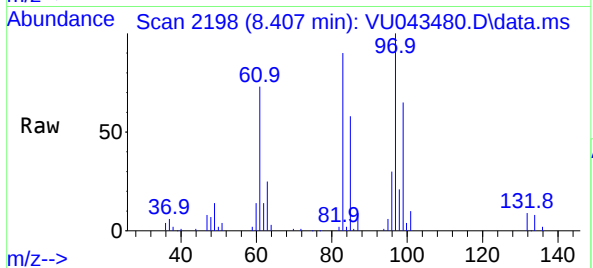


#45  
1,1,2-Trichloroethane  
Concen: 9.59 ug/L  
RT: 8.407 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 97 Resp: 54245

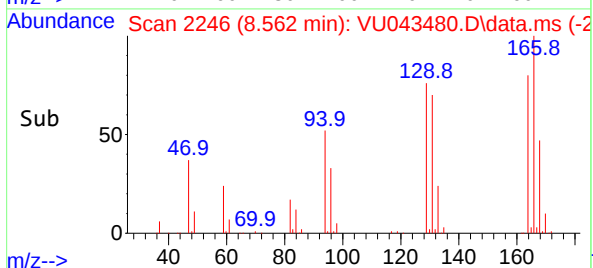
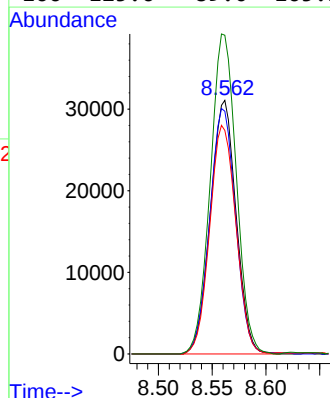
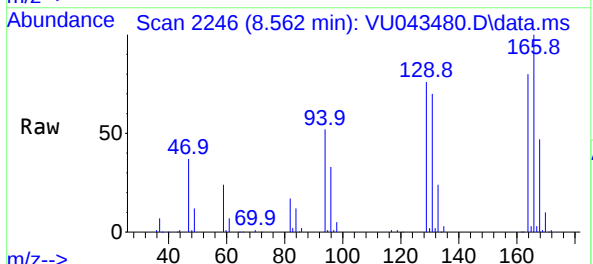
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.9  | 42.6  | 79.0  |
| 83  | 90.3  | 64.1  | 119.1 |
| 85  | 57.8  | 40.6  | 75.4  |

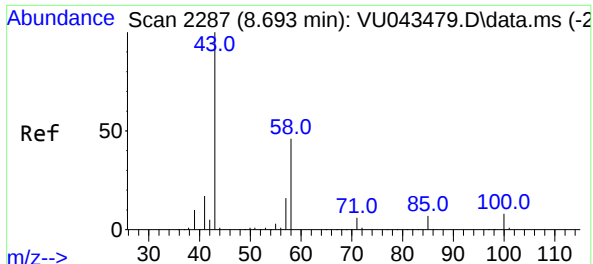


#47  
Tetrachloroethene  
Concen: 9.01 ug/L  
RT: 8.562 min Scan# 2246  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 164 Resp: 51753

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.7  | 62.5  | 116.1 |
| 131 | 88.1  | 64.9  | 120.5 |
| 166 | 125.6 | 89.0  | 165.2 |

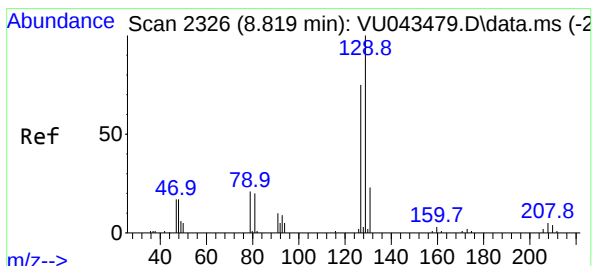
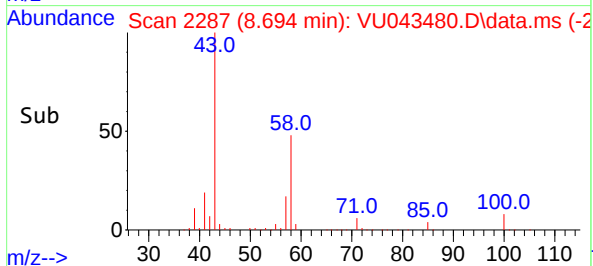
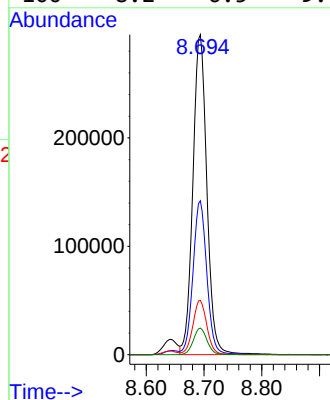
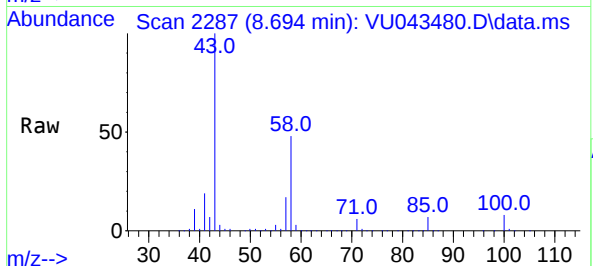




#48  
2-Hexanone  
Concen: 97.39 ug/L  
RT: 8.694 min Scan# 2287  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

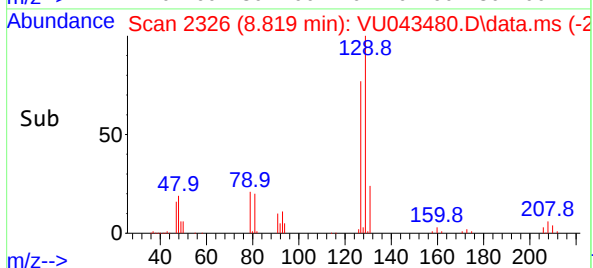
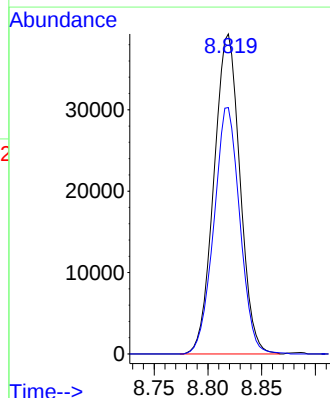
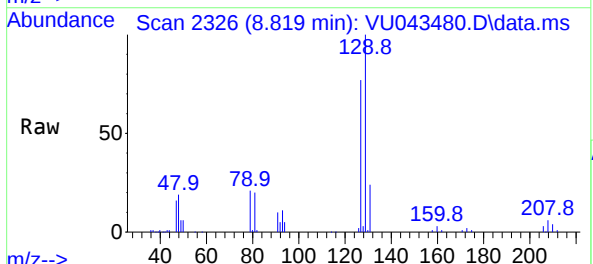
Instrument :  
MSVOA\_U  
ClientSampleId :

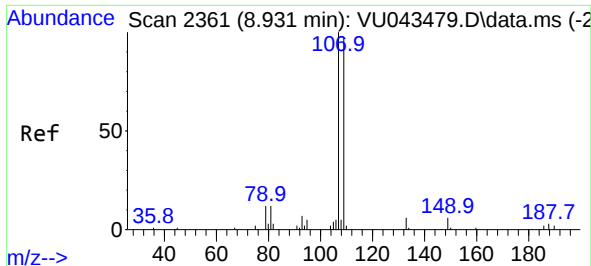
Tgt Ion: 43 Resp: 497793  
Ion Ratio Lower Upper  
43 100  
58 47.3 36.8 55.2  
57 16.8 13.2 19.8  
100 8.2 6.5 9.7



#49  
Dibromochloromethane  
Concen: 9.33 ug/L  
RT: 8.819 min Scan# 2326  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 129 Resp: 66211  
Ion Ratio Lower Upper  
129 100  
127 77.0 52.4 97.4





#50

1,2-Dibromoethane

Concen: 9.11 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

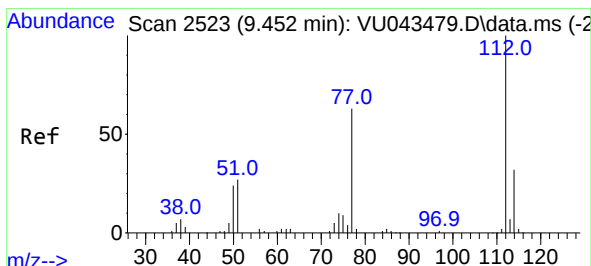
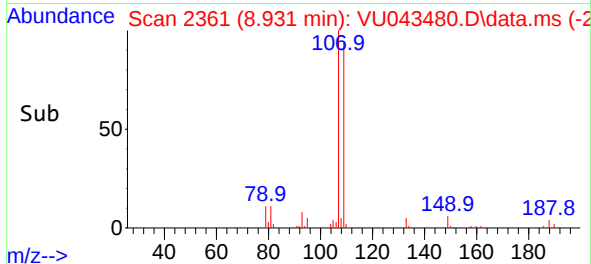
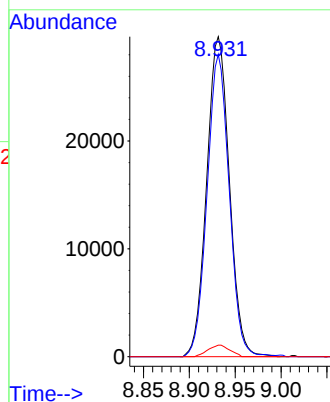
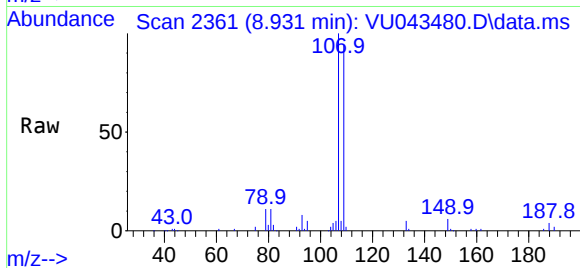
Lab File: VU043480.D

Acq: 03 May 2021 10:53

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion:107 Resp: 51067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 109 | 94.4  | 67.6  | 125.6 |
| 188 | 3.6   | 2.6   | 3.8   |



#51

Chlorobenzene

Concen: 9.60 ug/L

RT: 9.452 min Scan# 2523

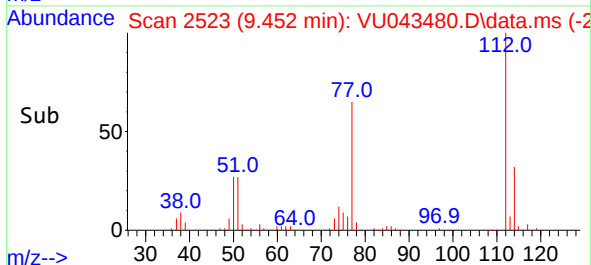
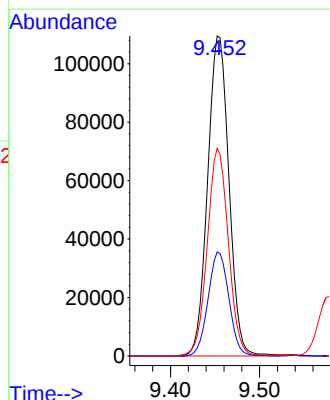
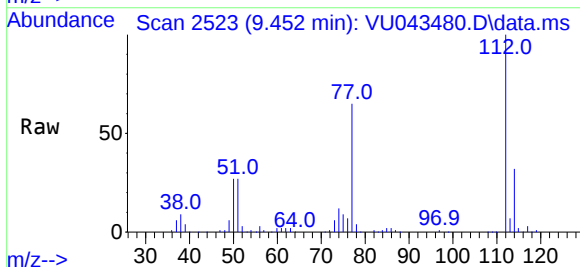
Delta R.T. 0.000 min

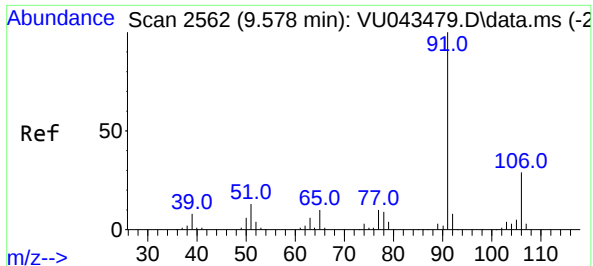
Lab File: VU043480.D

Acq: 03 May 2021 10:53

Tgt Ion:112 Resp: 181498

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 32.5  | 22.0  | 41.0  |
| 77  | 64.9  | 51.0  | 76.4  |

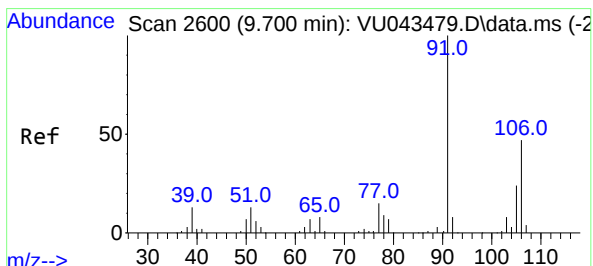
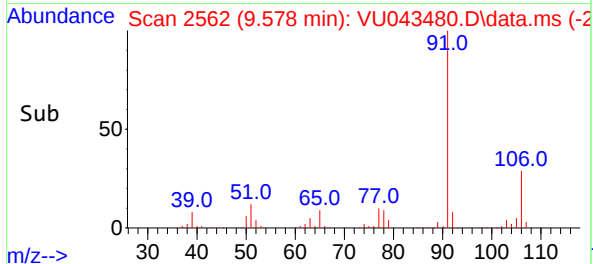
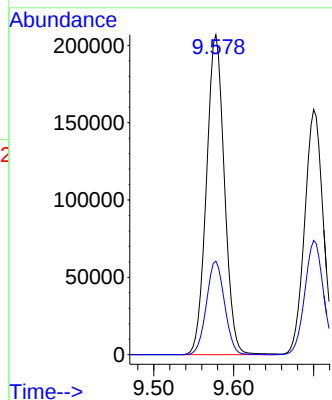
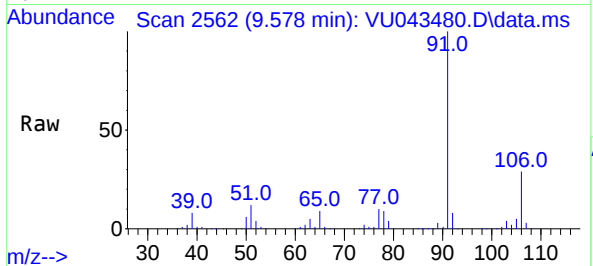




#52  
Ethylbenzene  
Concen: 9.61 ug/L  
RT: 9.578 min Scan# 2562  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

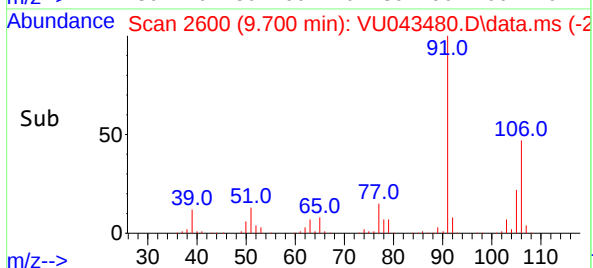
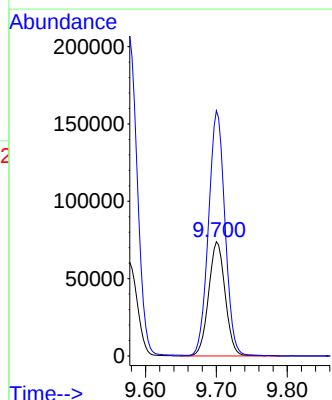
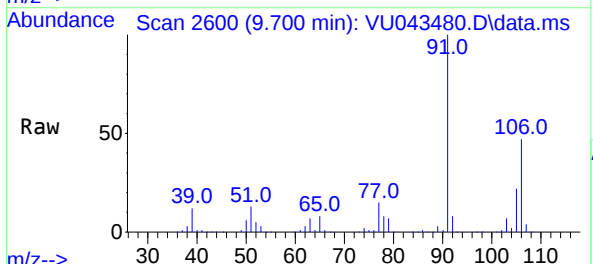
Instrument :  
MSVOA\_U  
ClientSampled :

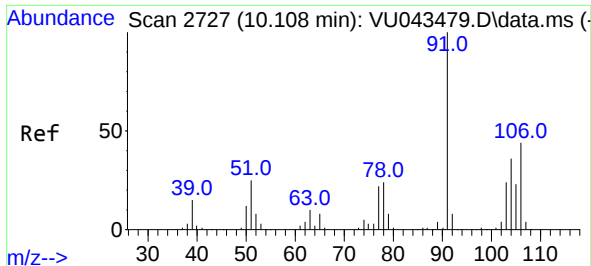
Tgt Ion: 91 Resp: 323737  
Ion Ratio Lower Upper  
91 100  
106 29.3 20.5 38.1



#53  
m,p-Xylene  
Concen: 9.70 ug/L  
RT: 9.700 min Scan# 2600  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 106 Resp: 119814  
Ion Ratio Lower Upper  
106 100  
91 214.8 150.3 279.1

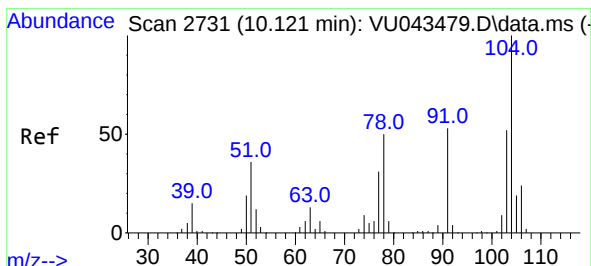
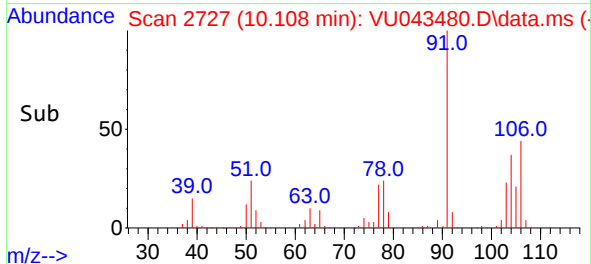
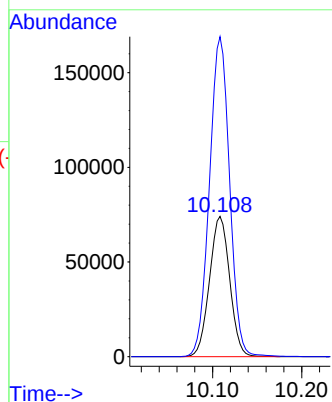
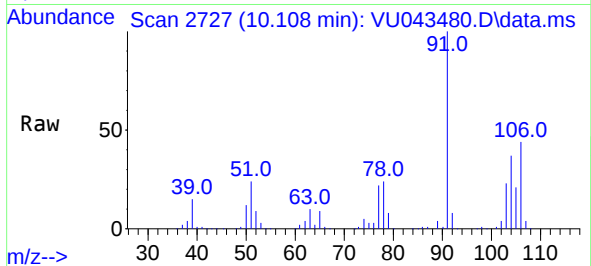




#54  
o-Xylene  
Concen: 9.59 ug/L  
RT: 10.108 min Scan# 2727  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

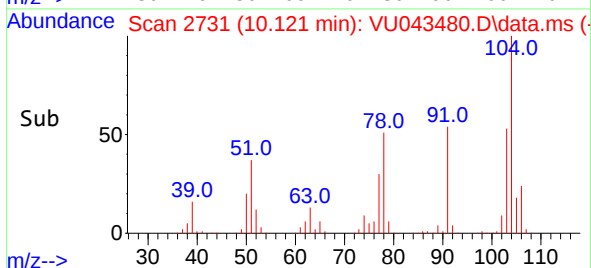
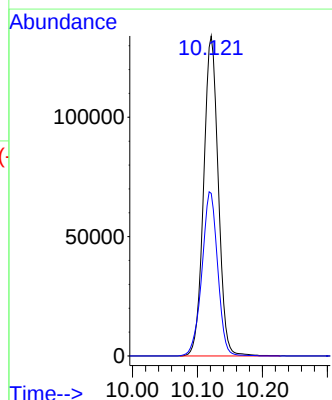
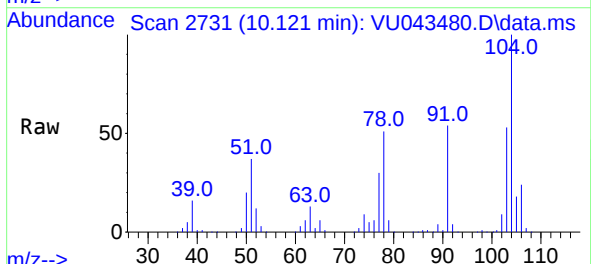
Instrument :  
MSVOA\_U  
ClientSampled :

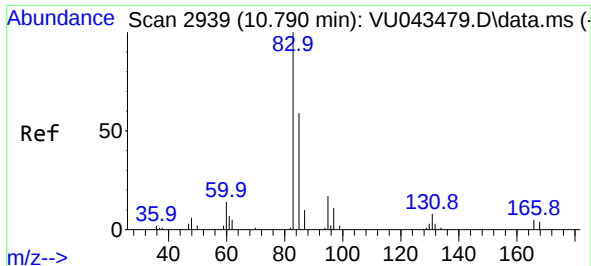
Tgt Ion:106 Resp: 116791  
Ion Ratio Lower Upper  
106 100  
91 228.1 157.3 292.1



#55  
Styrene  
Concen: 10.00 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion:104 Resp: 210526  
Ion Ratio Lower Upper  
104 100  
78 50.8 35.3 65.5

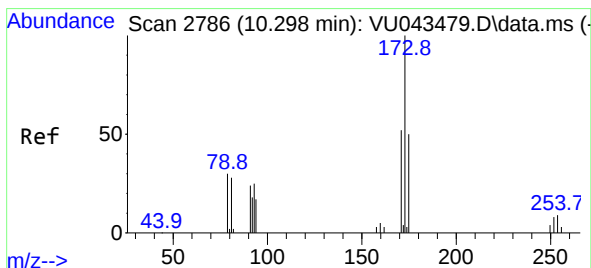
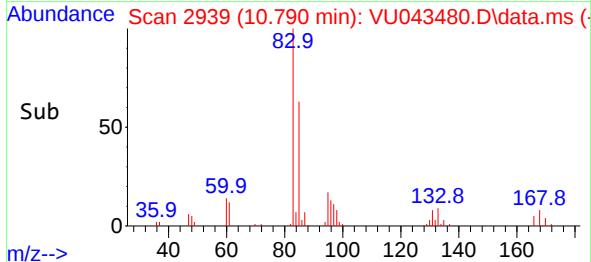
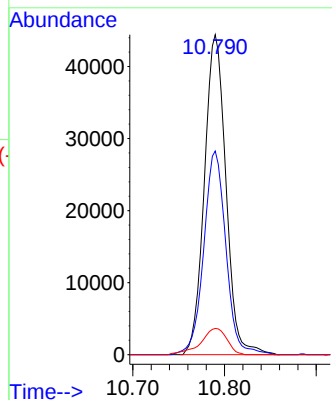
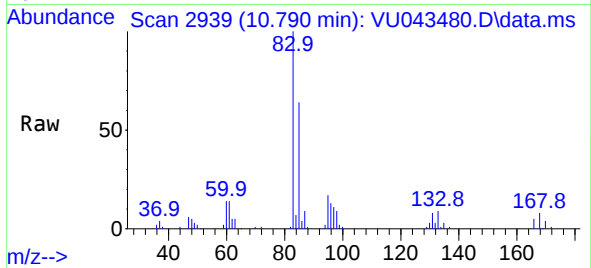




#57  
1,1,2,2-Tetrachloroethane  
Concen: 9.67 ug/L  
RT: 10.790 min Scan# 2939  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

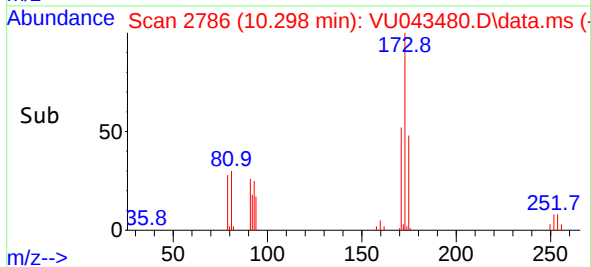
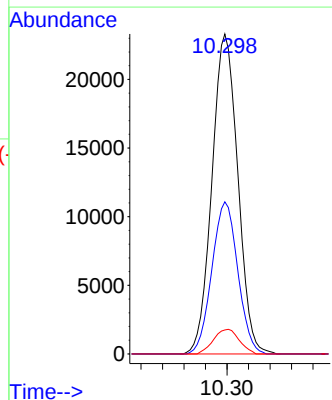
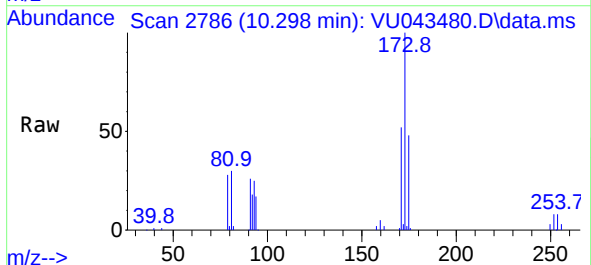
Instrument :  
MSVOA\_U  
ClientSampled :

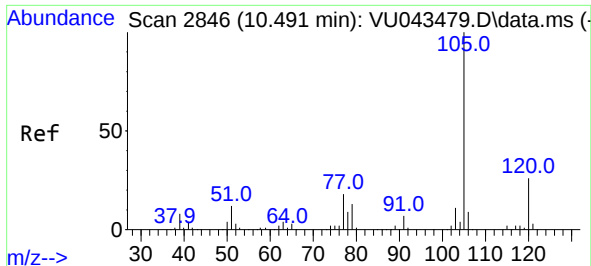
Tgt Ion: 83 Resp: 72659  
Ion Ratio Lower Upper  
83 100  
85 63.7 42.6 79.0  
131 8.2 7.4 11.2



#59  
Bromoform  
Concen: 8.99 ug/L  
RT: 10.298 min Scan# 2786  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion:173 Resp: 38857  
Ion Ratio Lower Upper  
173 100  
175 47.7 39.4 59.0  
254 7.7 5.9 8.9

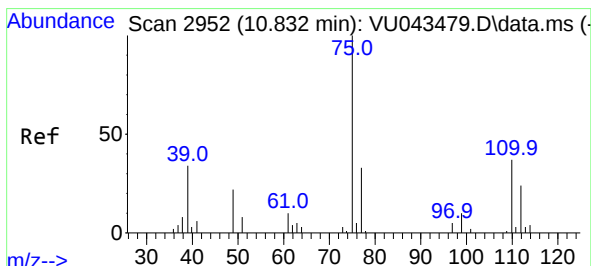
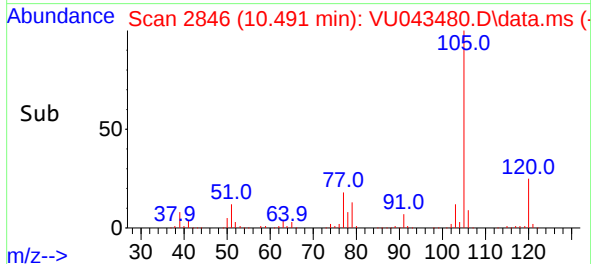
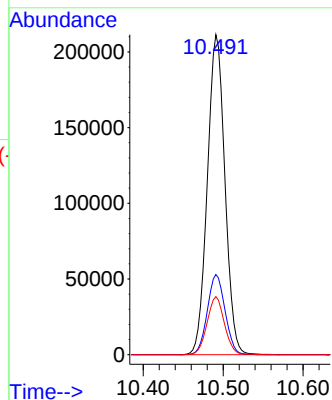
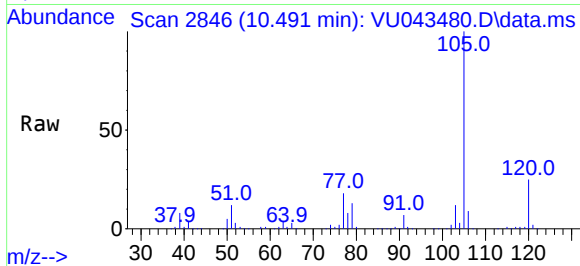




#60  
Isopropylbenzene  
Concen: 9.68 ug/L  
RT: 10.491 min Scan# 2846  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

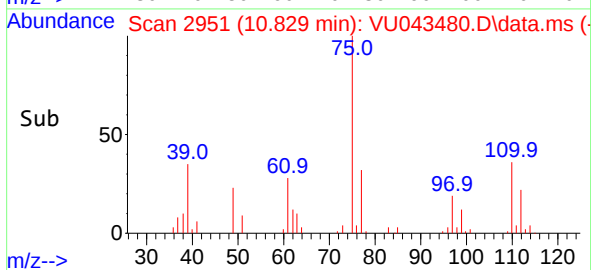
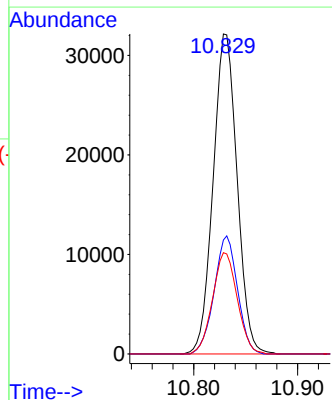
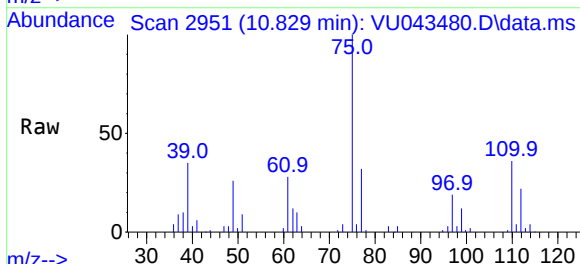
Instrument :  
MSVOA\_U  
ClientSampled :

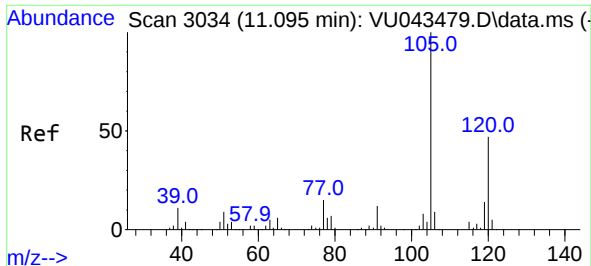
Tgt Ion:105 Resp: 323462  
Ion Ratio Lower Upper  
105 100  
120 25.2 20.4 30.6  
77 17.9 14.6 21.8



#61  
1,2,3-Trichloropropane  
Concen: 9.21 ug/L  
RT: 10.829 min Scan# 2951  
Delta R.T. -0.003 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion: 75 Resp: 51543  
Ion Ratio Lower Upper  
75 100  
110 35.9 28.6 42.8  
77 32.6 25.7 38.5

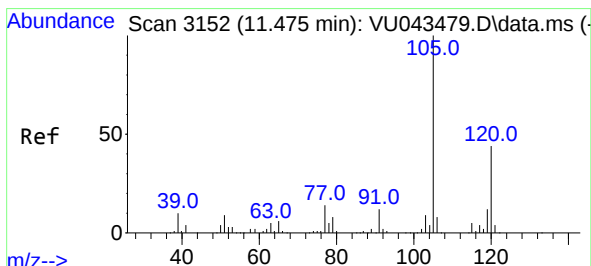
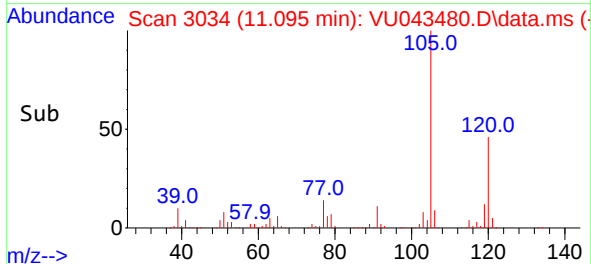
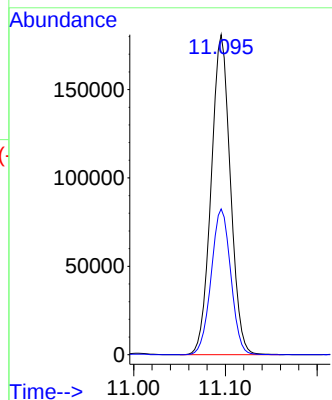
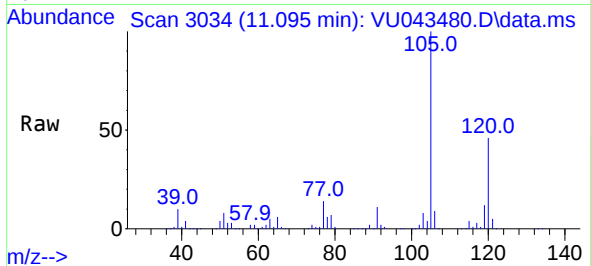




#62  
1,3,5-Trimethylbenzene  
Concen: 9.78 ug/L  
RT: 11.095 min Scan# 3034  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

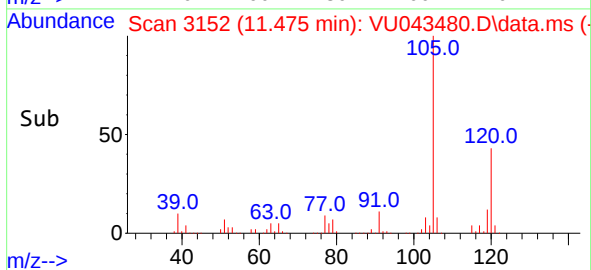
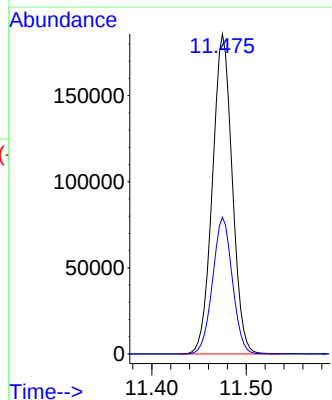
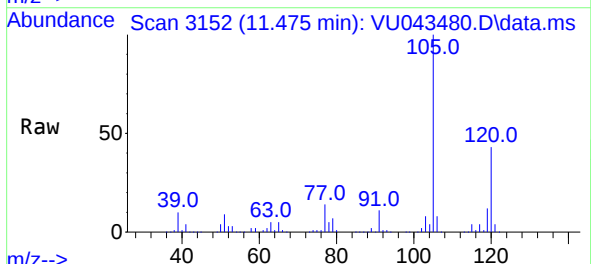
Instrument :  
MSVOA\_U  
ClientSampled :

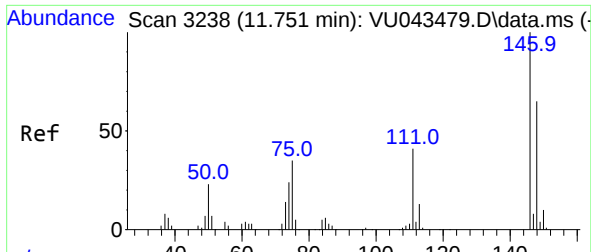
Tgt Ion:105 Resp: 263716  
Ion Ratio Lower Upper  
105 100  
120 46.4 36.6 55.0



#63  
1,2,4-Trimethylbenzene  
Concen: 9.75 ug/L  
RT: 11.475 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion:105 Resp: 270303  
Ion Ratio Lower Upper  
105 100  
120 42.5 35.4 53.0

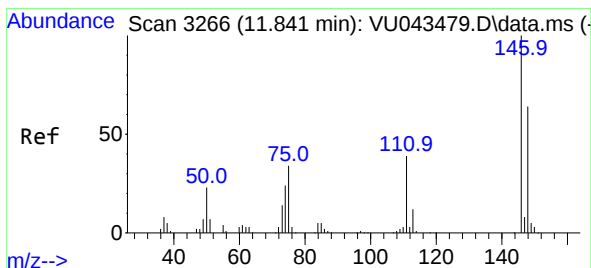
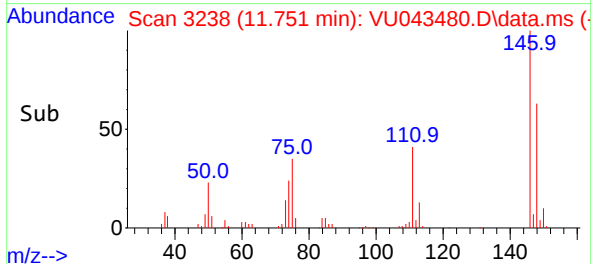
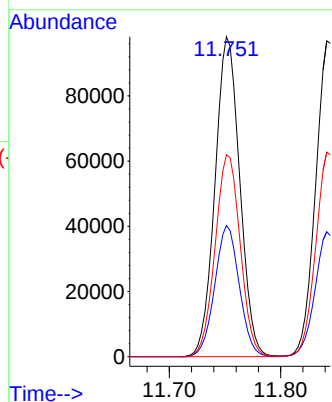
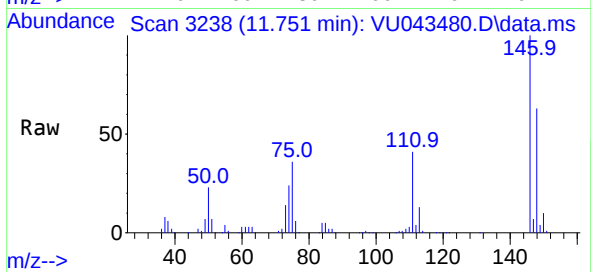




#64  
1,3-Dichlorobenzene  
Concen: 9.43 ug/L  
RT: 11.751 min Scan# 3238  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

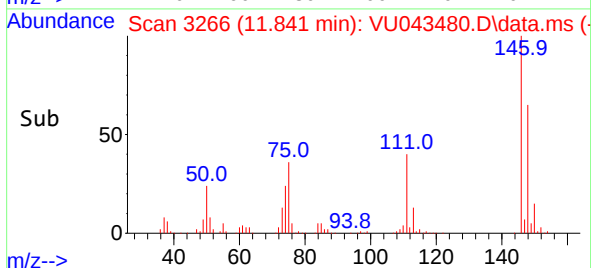
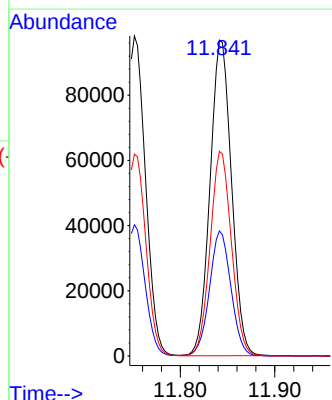
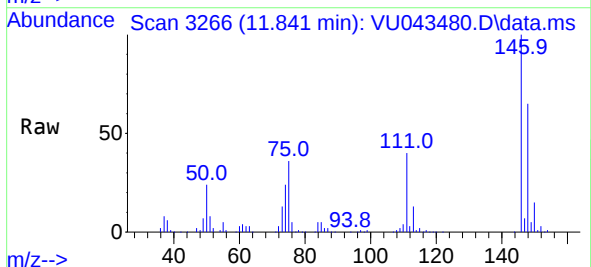
Instrument :  
MSVOA\_U  
ClientSampled :

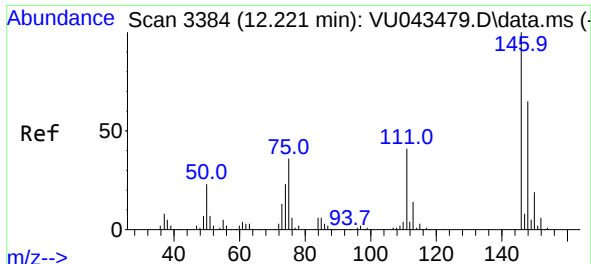
Tgt Ion:146 Resp: 151575  
Ion Ratio Lower Upper  
146 100  
111 41.0 28.9 53.7  
148 63.1 45.7 84.9



#65  
1,4-Dichlorobenzene  
Concen: 9.37 ug/L  
RT: 11.841 min Scan# 3266  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

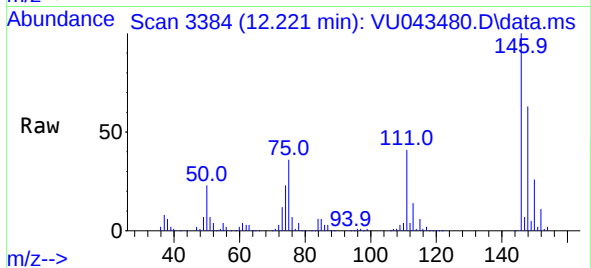
Tgt Ion:146 Resp: 152614  
Ion Ratio Lower Upper  
146 100  
111 39.6 27.6 51.2  
148 64.8 44.6 82.8



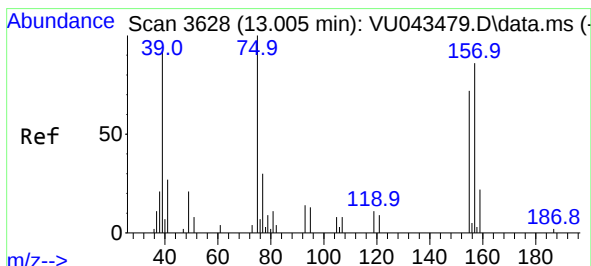
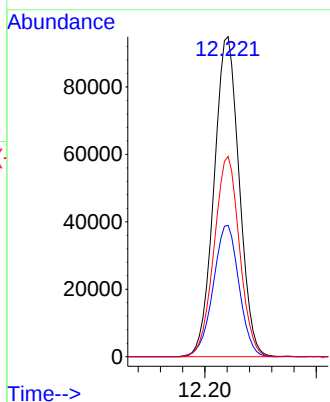
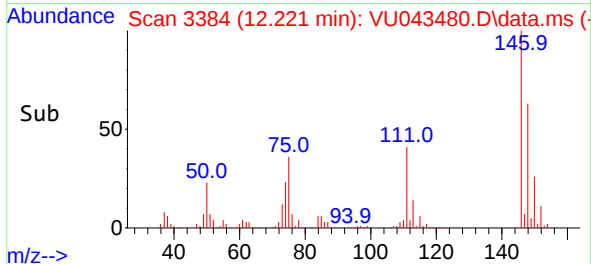


#67  
1,2-Dichlorobenzene  
Concen: 9.54 ug/L  
RT: 12.221 min Scan# 3384  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

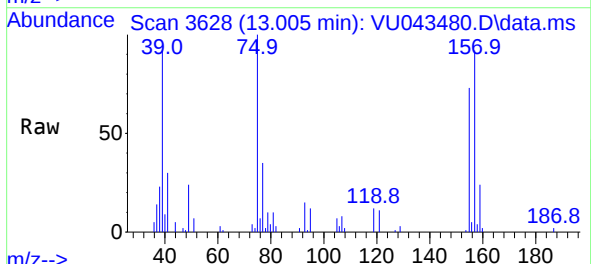
Instrument :  
MSVOA\_U  
ClientSampled :



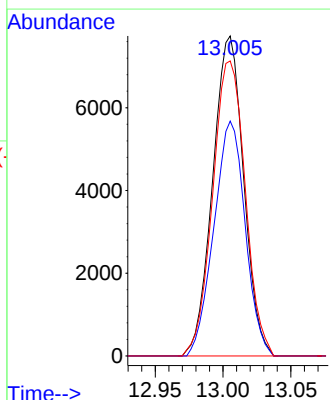
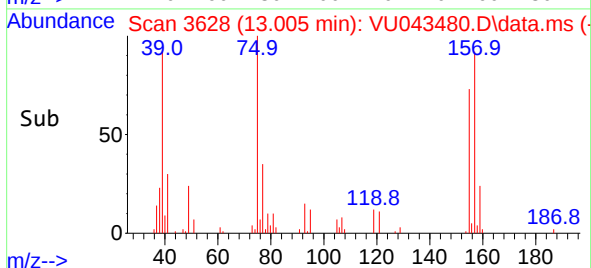
Tgt Ion:146 Resp: 148931  
Ion Ratio Lower Upper  
146 100  
111 41.0 32.6 49.0  
148 62.5 51.8 77.8

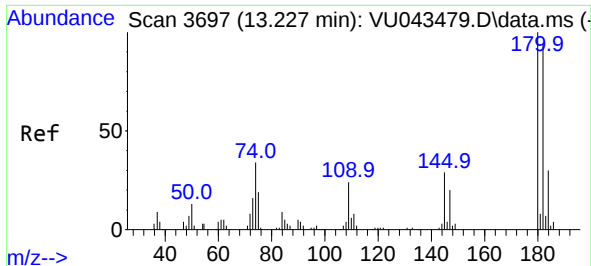


#68  
1,2-Dibromo-3-chloropropane  
Concen: 9.14 ug/L  
RT: 13.005 min Scan# 3628  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53



Tgt Ion: 75 Resp: 12290  
Ion Ratio Lower Upper  
75 100  
155 73.4 57.8 86.6  
157 92.2 68.5 102.7

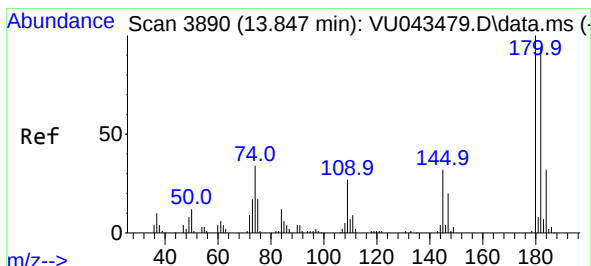
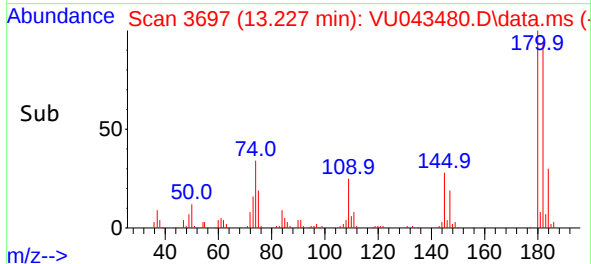
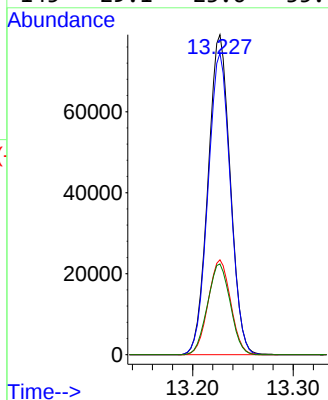
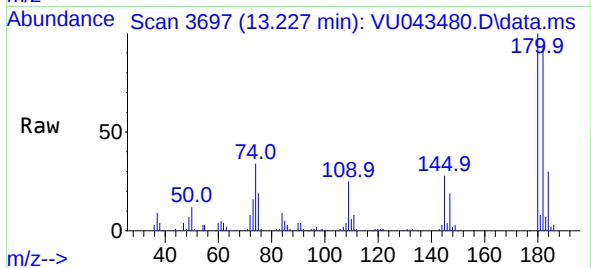




#69  
1,3,5-Trichlorobenzene  
Concen: 9.29 ug/L  
RT: 13.227 min Scan# 3697  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

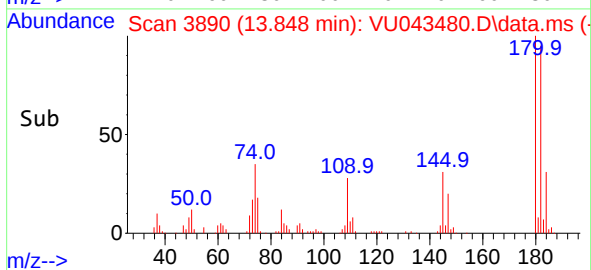
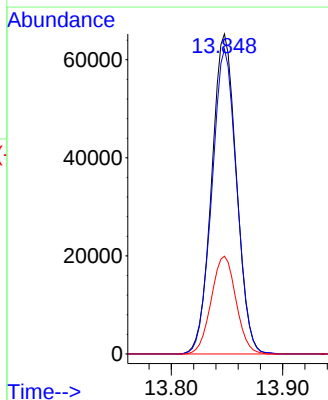
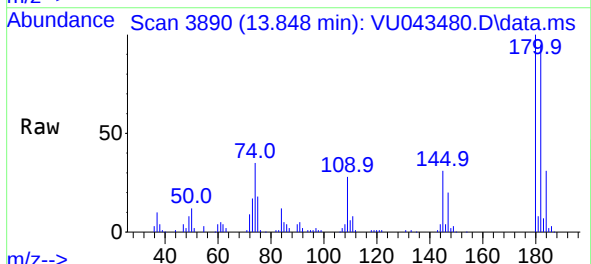
Instrument :  
MSVOA\_U  
ClientSampled :

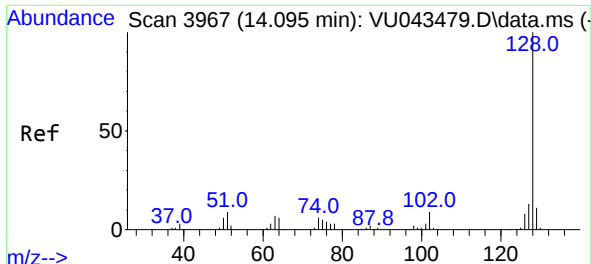
Tgt Ion:180 Resp: 121073  
Ion Ratio Lower Upper  
180 100  
182 94.8 76.0 114.0  
184 30.0 24.1 36.1  
145 29.1 23.6 35.4



#70  
1,2,4-trichlorobenzene  
Concen: 9.33 ug/L  
RT: 13.848 min Scan# 3890  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion:180 Resp: 100494  
Ion Ratio Lower Upper  
180 100  
182 95.5 75.9 113.9  
145 30.7 24.6 37.0



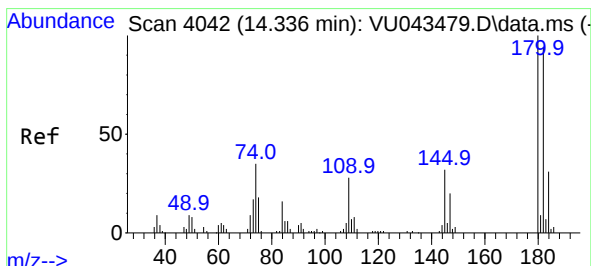
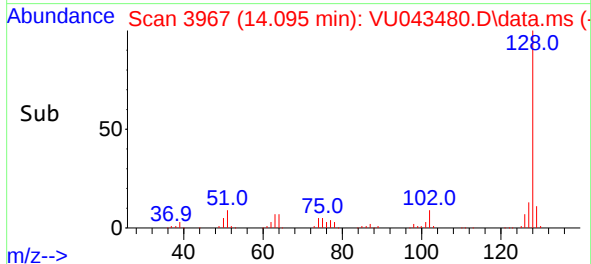
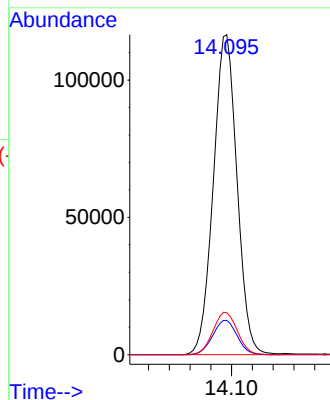
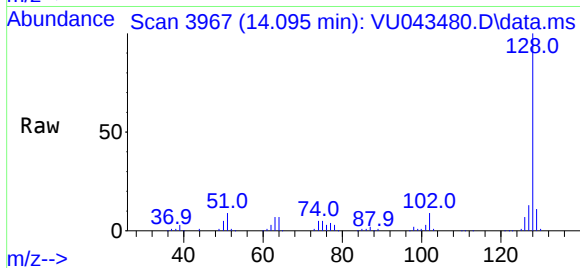


#71  
Naphthalene  
Concen: 10.05 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Instrument :  
MSVOA\_U  
ClientSampled :

Tgt Ion:128 Resp: 184259

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.0  | 8.9   | 13.3  |
| 127 | 13.7  | 10.6  | 15.8  |



#72  
1,2,3-Trichlorobenzene  
Concen: 9.84 ug/L  
RT: 14.336 min Scan# 4042  
Delta R.T. 0.000 min  
Lab File: VU043480.D  
Acq: 03 May 2021 10:53

Tgt Ion:180 Resp: 97898

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.0  | 75.7  | 113.5 |
| 145 | 32.7  | 25.7  | 38.5  |

