

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062121\  
 Data File : VW019245.D  
 Acq On : 21 Jun 2021 11:49  
 Operator : SY/VA  
 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 21 12:06:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 11:29:33 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|------------------------------|--------|------|----------|--------|---------|----------|
| -----                        |        |      |          |        |         |          |
| Internal Standards           |        |      |          |        |         |          |
| 1) Pentafluorobenzene        | 7.952  | 168  | 417527   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 682599   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 632452   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 300281   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.311  | 65   | 680771   | 131.01 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 262.02% |          |
| 35) Dibromofluoromethane     | 7.891  | 113  | 600339   | 131.04 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 262.08% |          |
| 50) Toluene-d8               | 10.323 | 98   | 2464433  | 131.54 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 263.08% |          |
| 62) 4-Bromofluorobenzene     | 12.621 | 95   | 882657   | 134.28 | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =      | 268.56% |          |
| Target Compounds             |        |      |          |        |         |          |
|                              |        |      |          |        | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 2.014  | 85   | 425744   | 145.65 | ug/l    | 98       |
| 3) Chloromethane             | 2.221  | 50   | 504871   | 154.07 | ug/l    | 99       |
| 4) Vinyl Chloride            | 2.367  | 62   | 698920   | 137.51 | ug/l    | 99       |
| 5) Bromomethane              | 2.782  | 94   | 557478   | 136.95 | ug/l    | 99       |
| 6) Chloroethane              | 2.922  | 64   | 510305   | 151.67 | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 3.263  | 101  | 463179   | 157.85 | ug/l    | 96       |
| 8) Diethyl Ether             | 3.684  | 74   | 322937   | 140.58 | ug/l    | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068  | 101  | 593247   | 134.42 | ug/l    | 97       |
| 10) Methyl Iodide            | 4.281  | 142  | 828220   | 133.46 | ug/l    | 99       |
| 11) Tert butyl alcohol       | 5.208  | 59   | 166250   | 654.96 | ug/l    | 98       |
| 12) 1,1-Dichloroethene       | 4.050  | 96   | 628356   | 137.06 | ug/l    | 90       |
| 13) Acrolein                 | 3.903  | 56   | 175321   | 562.67 | ug/l    | 99       |
| 14) Allyl chloride           | 4.672  | 41   | 850976   | 138.83 | ug/l    | 98       |
| 15) Acrylonitrile            | 5.373  | 53   | 649554   | 755.14 | ug/l    | 100      |
| 16) Acetone                  | 4.135  | 43   | 512899   | 637.71 | ug/l    | 97       |
| 17) Carbon Disulfide         | 4.391  | 76   | 1839412  | 145.93 | ug/l    | 100      |
| 18) Methyl Acetate           | 4.678  | 43   | 282007   | 131.50 | ug/l    | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 846330   | 149.49 | ug/l    | 99       |
| 20) Methylene Chloride       | 4.922  | 84   | 649042   | 111.45 | ug/l    | 92       |
| 21) trans-1,2-Dichloroethene | 5.428  | 96   | 696260   | 136.27 | ug/l    | 98       |
| 22) Diisopropyl ether        | 6.312  | 45   | 1828288  | 151.52 | ug/l    | 99       |
| 23) Vinyl Acetate            | 6.257  | 43   | 5835018  | 744.12 | ug/l    | 99       |
| 24) 1,1-Dichloroethane       | 6.220  | 63   | 1258870  | 136.46 | ug/l    | 100      |
| 25) 2-Butanone               | 7.177  | 43   | 811230   | 687.02 | ug/l    | 98       |
| 26) 2,2-Dichloropropane      | 7.171  | 77   | 652842   | 124.76 | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 755871   | 134.65 | ug/l    | 98       |
| 28) Bromochloromethane       | 7.519  | 49   | 499802   | 135.66 | ug/l    | 96       |
| 29) Tetrahydrofuran          | 7.537  | 42   | 516154   | 763.20 | ug/l    | 98       |
| 30) Chloroform               | 7.677  | 83   | 1254623  | 135.17 | ug/l    | 98       |
| 31) Cyclohexane              | 7.958  | 56   | 1087396  | 135.96 | ug/l    | 96       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 952282   | 133.64 | ug/l    | 99       |
| 36) 1,1-Dichloropropene      | 8.086  | 75   | 1001768  | 133.53 | ug/l    | 100      |
| 37) Ethyl Acetate            | 7.257  | 43   | 384963   | 142.45 | ug/l    | 98       |
| 38) Carbon Tetrachloride     | 8.073  | 117  | 924661   | 139.47 | ug/l    | 97       |
| 39) Methylcyclohexane        | 9.335  | 83   | 1262611  | 149.44 | ug/l    | 99       |
| 40) Benzene                  | 8.323  | 78   | 2761895  | 135.09 | ug/l    | 99       |

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 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 21 12:06:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 11:29:33 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.488  | 41   | 224572   | 142.38  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 822630   | 136.60  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.427  | 43   | 762717   | 146.81  | ug/l   | 98       |
| 44) Trichloroethene           | 9.092  | 130  | 701484   | 131.80  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 674410   | 135.70  | ug/l   | 98       |
| 46) Dibromomethane            | 9.463  | 93   | 366219   | 142.05  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.646  | 83   | 936530   | 140.90  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.439  | 41   | 373409   | 152.60  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.470  | 88   | 91806    | 2925.36 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 1891267  | 714.84  | ug/l   | 100      |
| 52) Toluene                   | 10.390 | 92   | 1784804  | 137.38  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.610 | 75   | 987268   | 149.74  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 1125226  | 144.00  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 507910   | 139.69  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 704588   | 154.65  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 901671   | 138.67  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 1502990  | 653.44  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.969 | 43   | 1306076  | 733.30  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.128 | 129  | 583510   | 144.35  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 485441   | 142.24  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.866 | 164  | 577792   | 131.04  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.658 | 112  | 1825207  | 132.49  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 640393   | 136.96  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 3447624  | 132.25  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 2606606  | 272.10  | ug/l   | 100      |
| 69) o-Xylene                  | 12.164 | 106  | 1263143  | 139.24  | ug/l   | 100      |
| 70) Styrene                   | 12.182 | 104  | 2144950  | 142.13  | ug/l   | 99       |
| 71) Bromoform                 | 12.347 | 173  | 336763   | 148.72  | ug/l   | 98       |
| 73) Isopropylbenzene          | 12.463 | 105  | 3358575  | 139.48  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.274 | 43   | 752042   | 156.36  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 582837   | 142.08  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 761606   | 269.41  | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 733030   | 142.63  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.804 | 91   | 4116756  | 137.88  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 2331343  | 138.18  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 2801257  | 138.32  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 201280   | 161.43  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 2400782  | 135.08  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.207 | 119  | 2399829  | 139.08  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 2768778  | 137.05  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.383 | 105  | 3601429  | 138.18  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 3045503  | 138.90  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 1477330  | 138.64  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 1438093  | 137.10  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.822 | 91   | 2959788  | 134.49  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.091 | 117  | 555323   | 157.38  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 1272454  | 137.42  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 96040    | 147.87  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 847149   | 132.85  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 495291   | 137.43  | ug/l   | 99       |
| 95) Naphthalene               | 15.365 | 128  | 1607044  | 143.83  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 715027   | 132.44  | ug/l   | 97       |

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Sample : VSTDICC150  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :

Quant Time: Jun 21 12:06:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 21 11:29:33 2021  
Response via : Initial Calibration

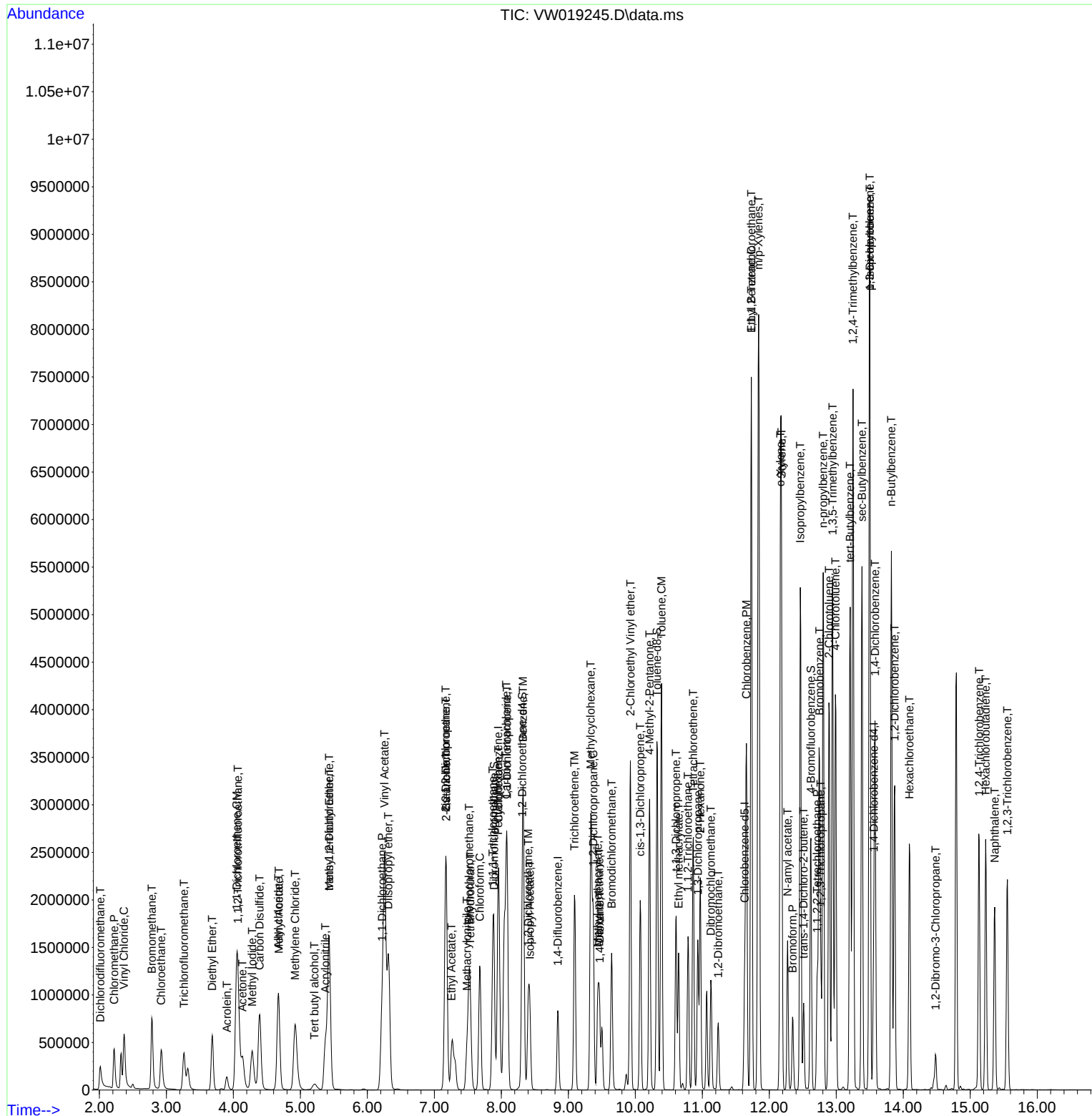
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

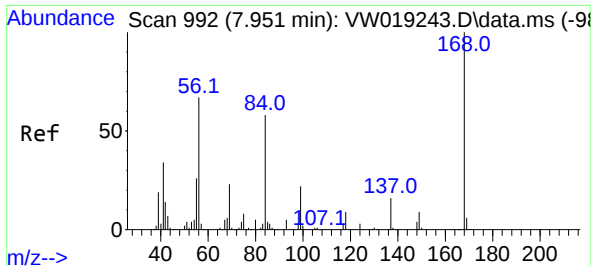
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 Sample : VSTDIC150  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Jun 21 12:06:19 2021  
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 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 11:29:33 2021  
 Response via : Initial Calibration

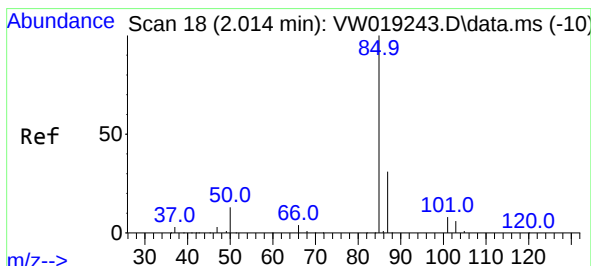
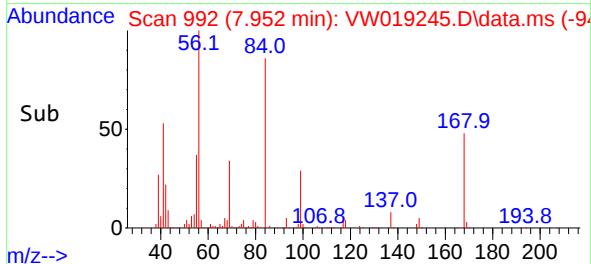
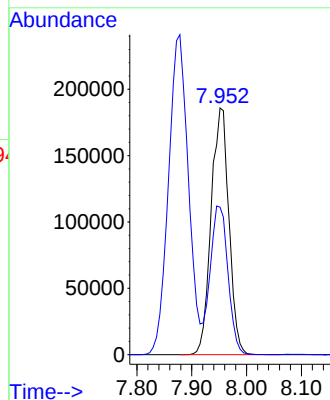
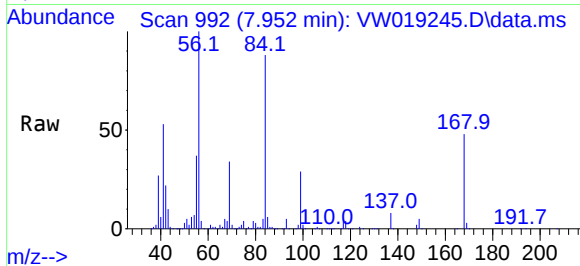




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.952 min Scan# 992  
Delta R.T. 0.001 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

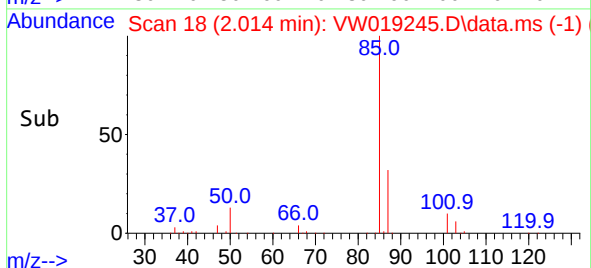
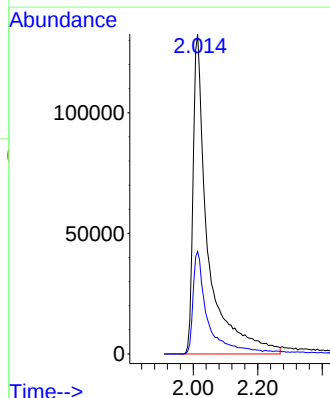
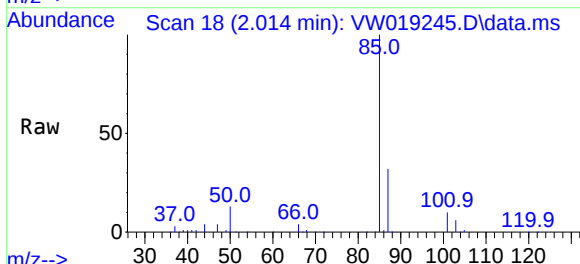
Instrument :  
MSVOA\_W  
ClientSampleId :

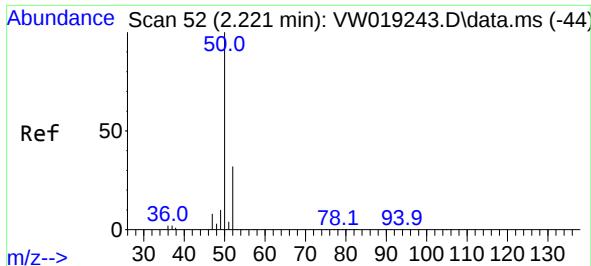
Tgt Ion:168 Resp: 417527  
Ion Ratio Lower Upper  
168 100  
99 59.7 48.8 73.2



#2  
Dichlorodifluoromethane  
Concen: 145.65 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 85 Resp: 425744  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.7 50.0

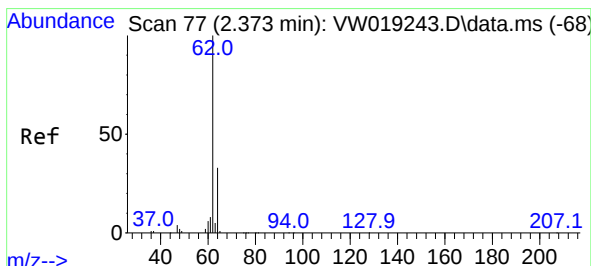
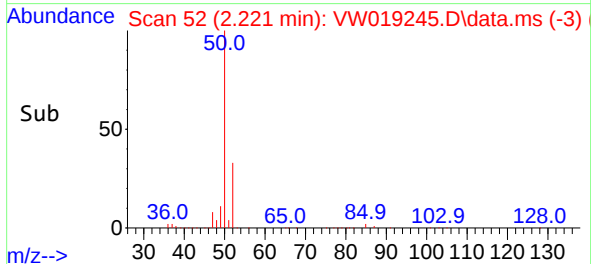
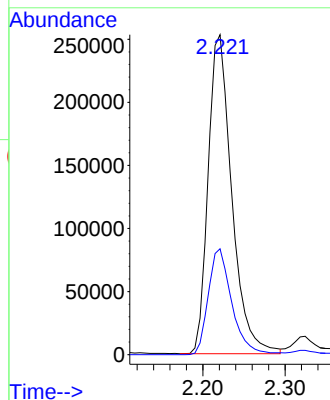
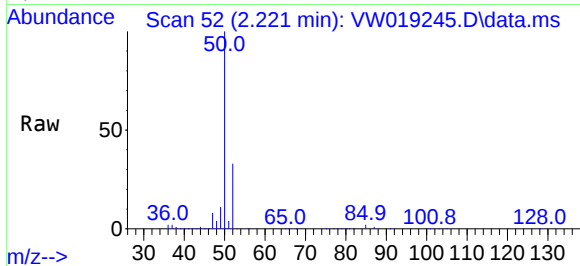




#3  
Chloromethane  
Concen: 154.07 ug/l  
RT: 2.221 min Scan# 52  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

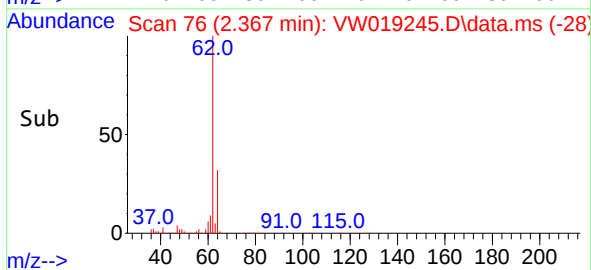
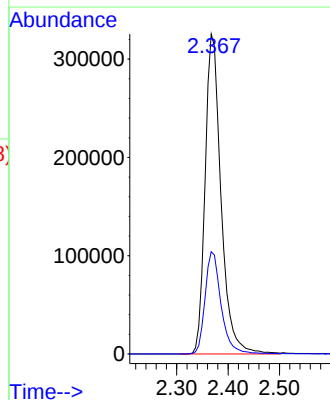
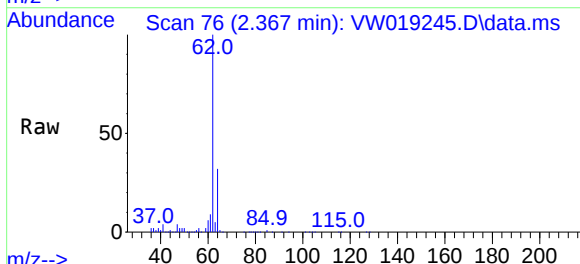
Instrument :  
MSVOA\_W  
ClientSampleId :

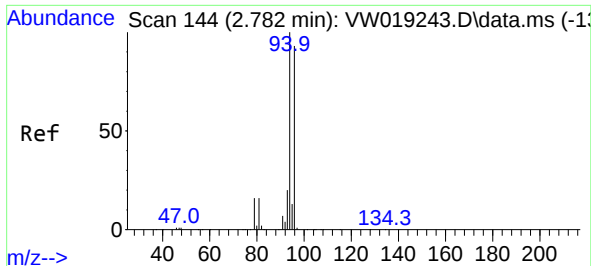
Tgt Ion: 50 Resp: 504871  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.9 40.3



#4  
Vinyl Chloride  
Concen: 137.51 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 62 Resp: 698920  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.3 37.9

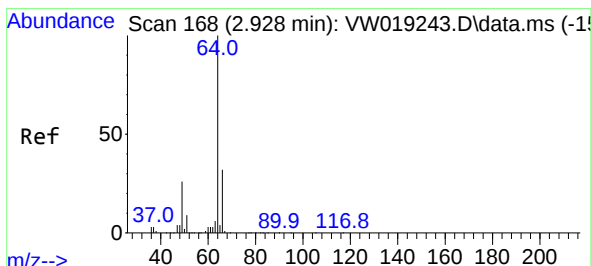
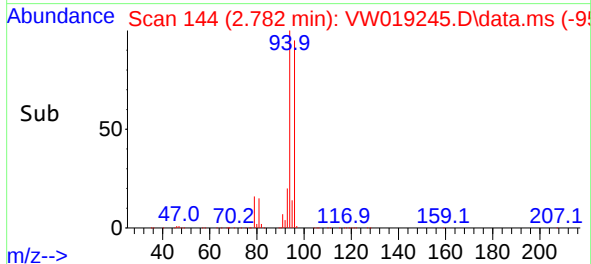
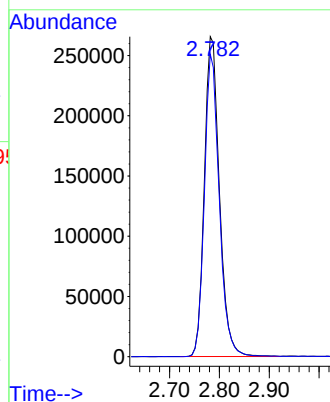
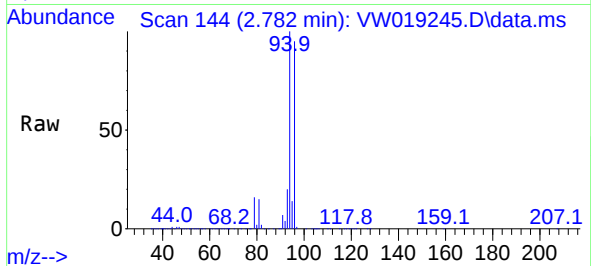




#5  
Bromomethane  
Concen: 136.95 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

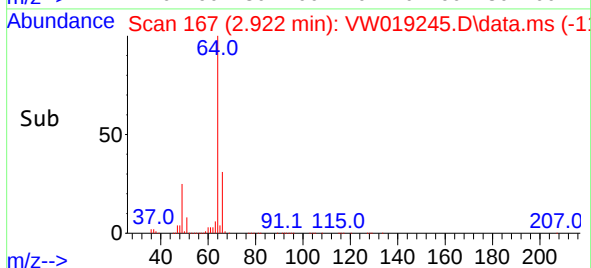
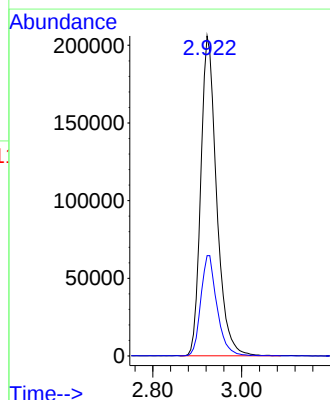
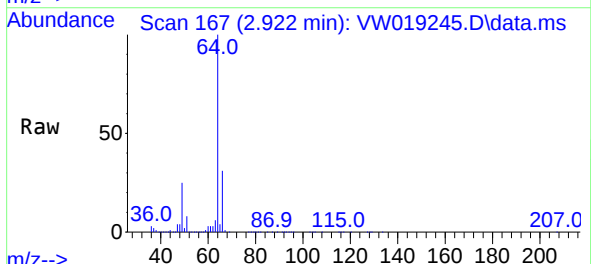
Instrument :  
MSVOA\_W  
ClientSampled :

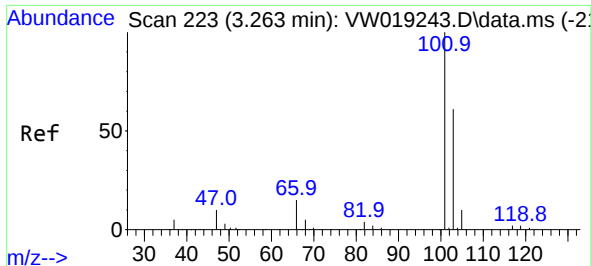
Tgt Ion: 94 Resp: 557478  
Ion Ratio Lower Upper  
94 100  
96 94.5 76.4 114.6



#6  
Chloroethane  
Concen: 151.67 ug/l  
RT: 2.922 min Scan# 167  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 64 Resp: 510305  
Ion Ratio Lower Upper  
64 100  
66 31.3 25.9 38.9

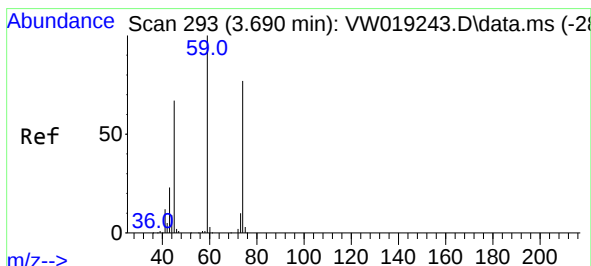
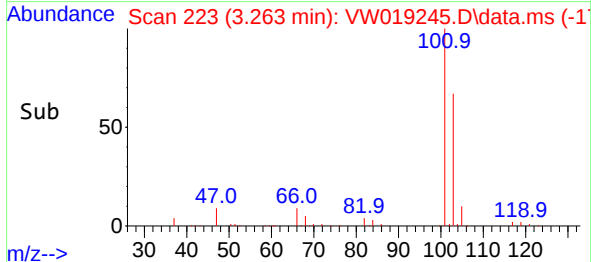
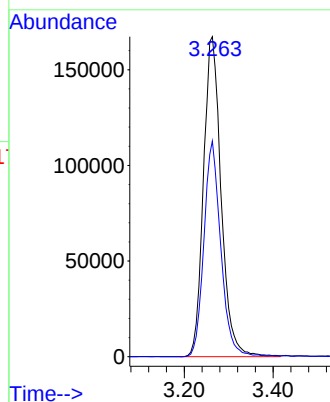
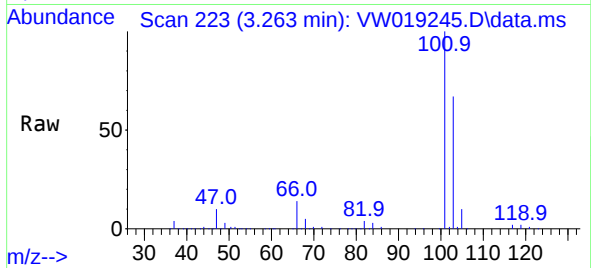




#7  
Trichlorofluoromethane  
Concen: 157.85 ug/l  
RT: 3.263 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

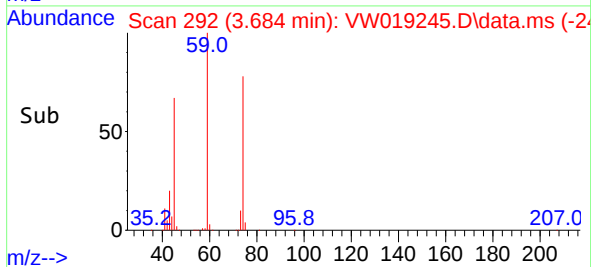
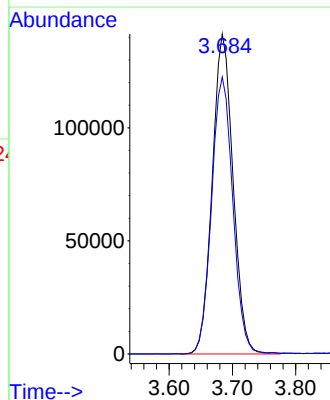
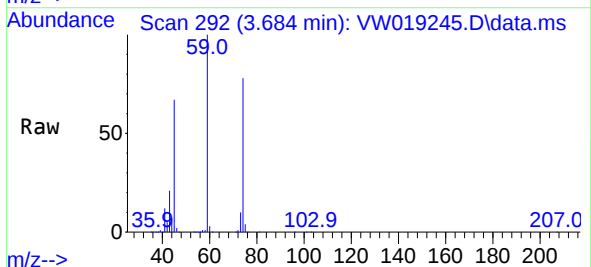
Instrument :  
MSVOA\_W  
ClientSampleId :

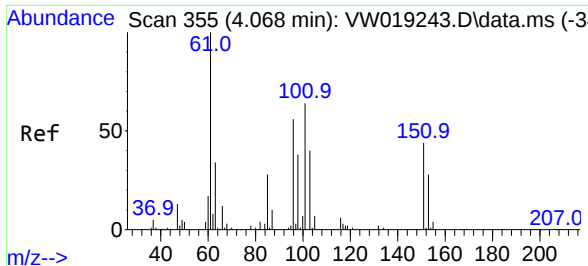
Tgt Ion:101 Resp: 463179  
Ion Ratio Lower Upper  
101 100  
103 67.4 51.4 77.2



#8  
Diethyl Ether  
Concen: 140.58 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 74 Resp: 322937  
Ion Ratio Lower Upper  
74 100  
45 88.0 43.3 129.8

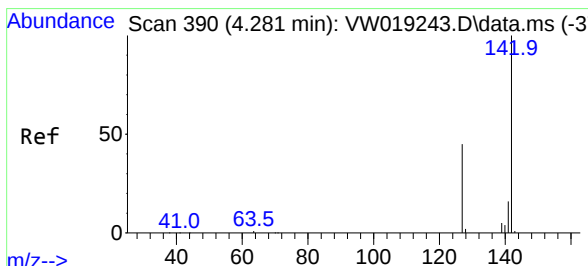
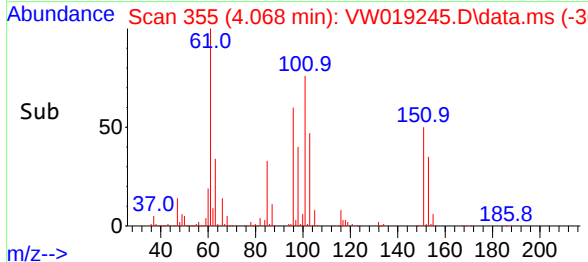
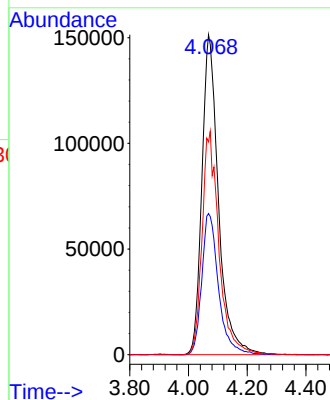
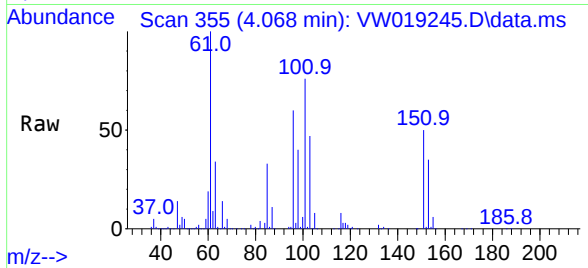




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 134.42 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

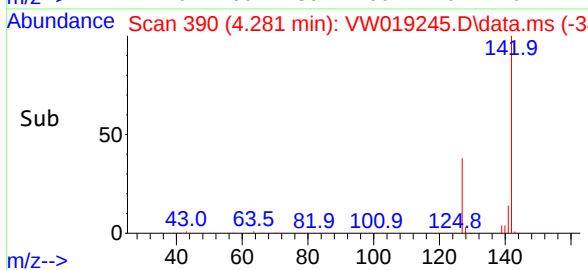
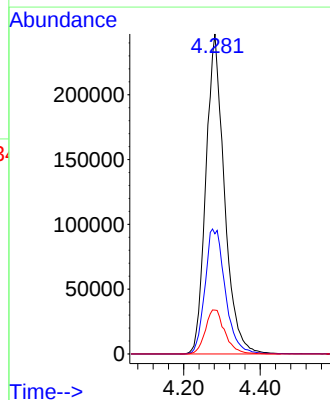
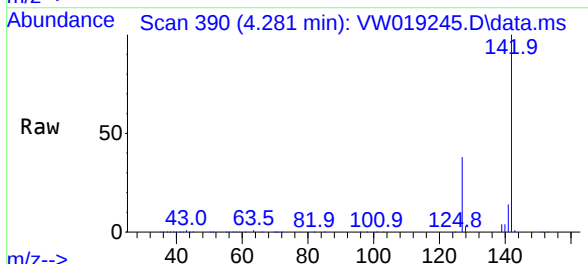
Instrument :  
MSVOA\_W  
ClientSampleId :

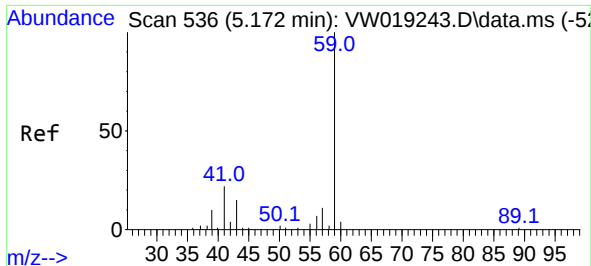
Tgt Ion:101 Resp: 593247  
Ion Ratio Lower Upper  
101 100  
85 44.7 35.9 53.9  
151 70.9 59.8 89.6



#10  
Methyl Iodide  
Concen: 133.46 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

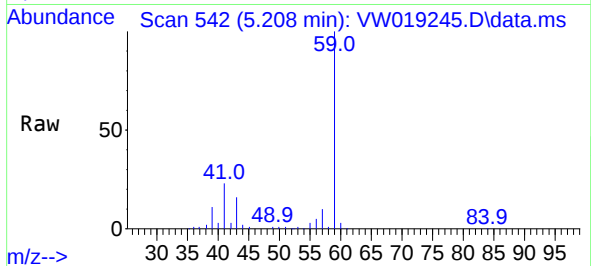
Tgt Ion:142 Resp: 828220  
Ion Ratio Lower Upper  
142 100  
127 43.0 33.7 50.5  
141 14.5 11.2 16.8



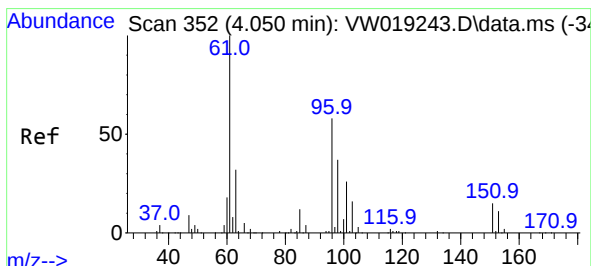
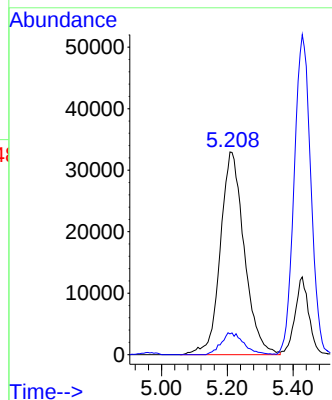
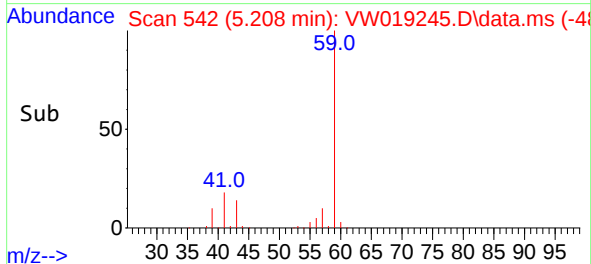


#11  
Tert butyl alcohol  
Concen: 654.96 ug/l  
RT: 5.208 min Scan# 542  
Delta R.T. 0.037 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

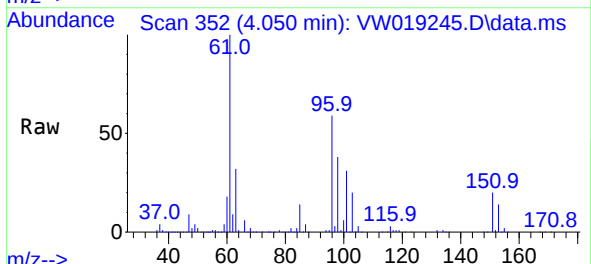
Instrument :  
MSVOA\_W  
ClientSampled :



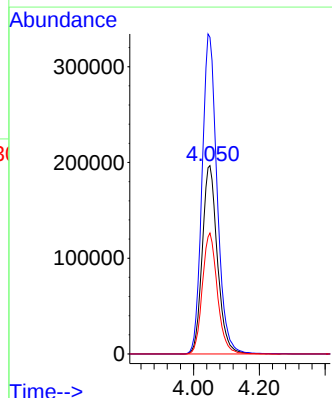
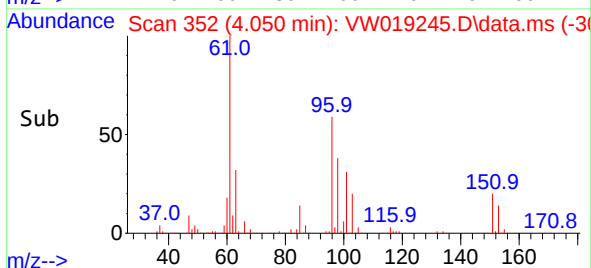
Tgt Ion: 59 Resp: 166250  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.9 13.3

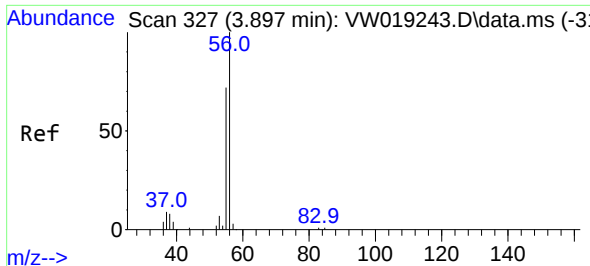


#12  
1,1-Dichloroethene  
Concen: 137.06 ug/l  
RT: 4.050 min Scan# 352  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49



Tgt Ion: 96 Resp: 628356  
Ion Ratio Lower Upper  
96 100  
61 168.2 123.0 184.4  
98 64.3 47.5 71.3

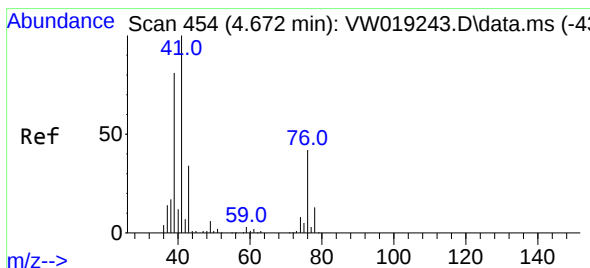
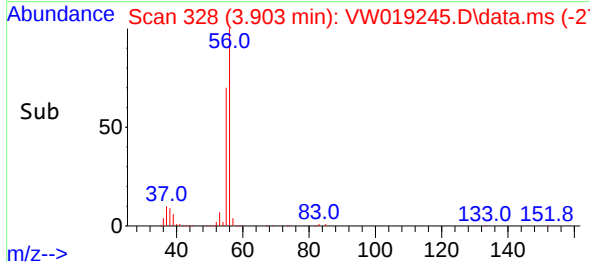
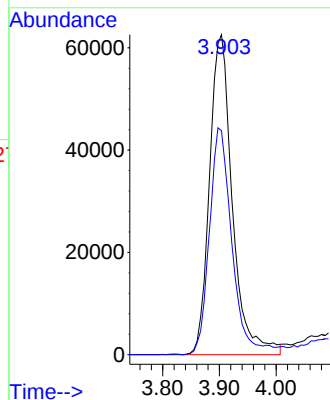
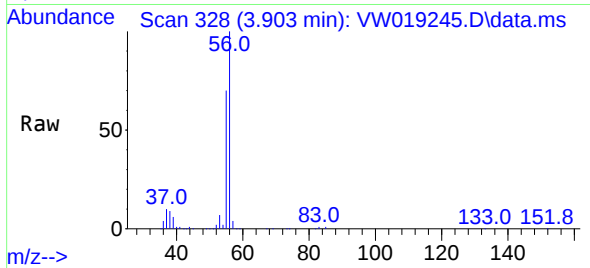




#13  
Acrolein  
Concen: 562.67 ug/l  
RT: 3.903 min Scan# 328  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

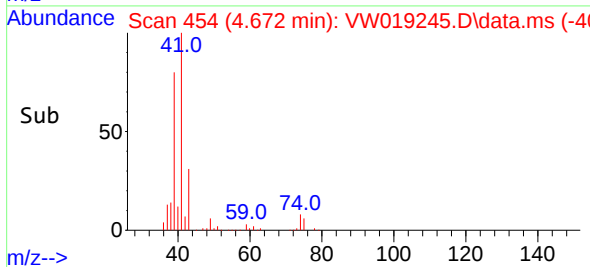
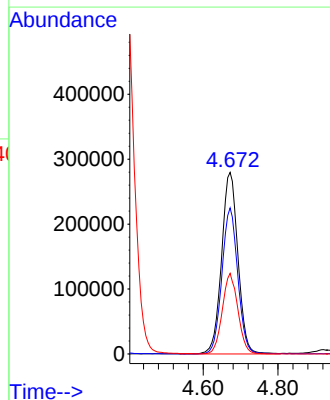
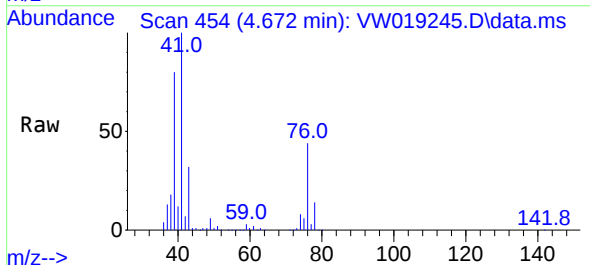
Instrument :  
MSVOA\_W  
ClientSampled :

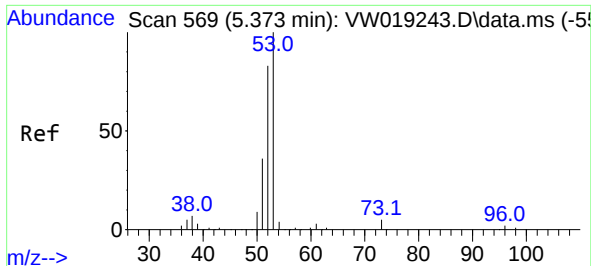
Tgt Ion: 56 Resp: 175321  
Ion Ratio Lower Upper  
56 100  
55 69.9 56.7 85.1



#14  
Allyl chloride  
Concen: 138.83 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 41 Resp: 850976  
Ion Ratio Lower Upper  
41 100  
39 78.0 63.9 95.9  
76 42.1 35.1 52.7

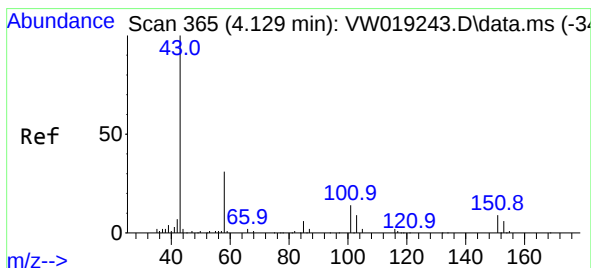
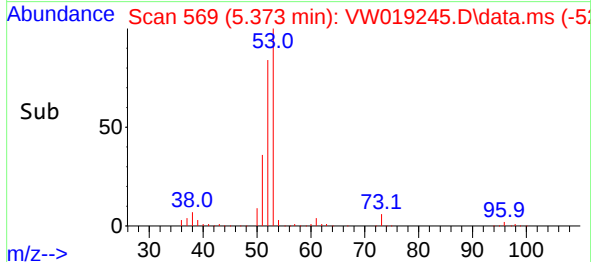
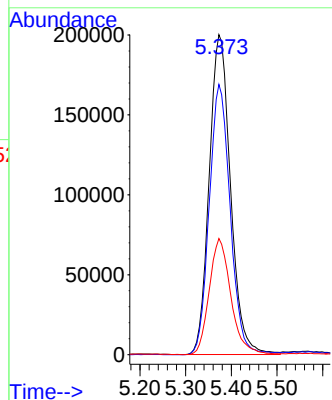
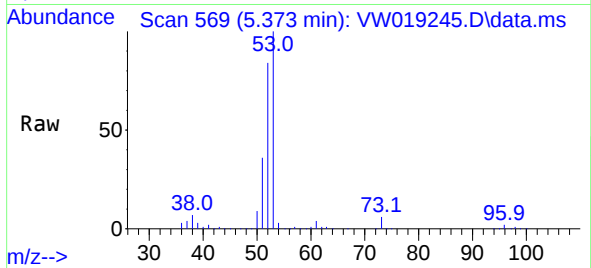




#15  
Acrylonitrile  
Concen: 755.14 ug/l  
RT: 5.373 min Scan# 569  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

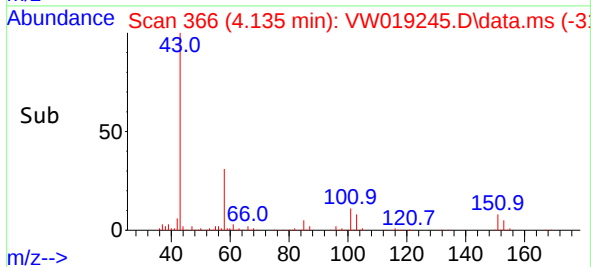
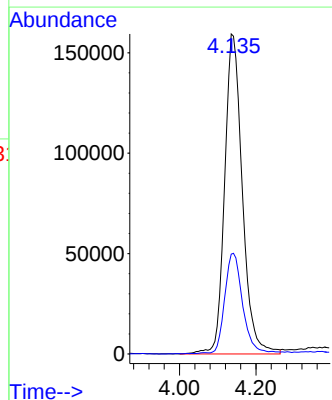
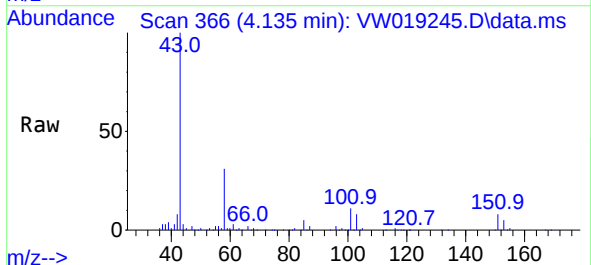
Instrument :  
MSVOA\_W  
ClientSampled :

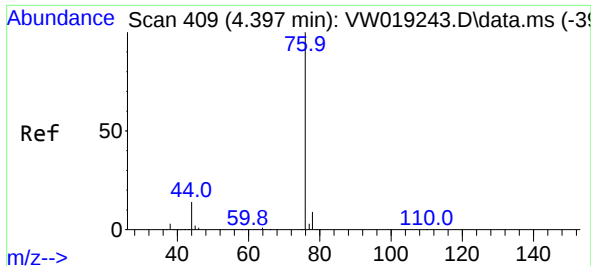
|             |              |
|-------------|--------------|
| Tgt Ion: 53 | Resp: 649554 |
| Ion Ratio   | Lower Upper  |
| 53 100      |              |
| 52 83.1     | 66.5 99.7    |
| 51 37.0     | 29.8 44.8    |



#16  
Acetone  
Concen: 637.71 ug/l  
RT: 4.135 min Scan# 366  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 512899 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 58 31.1     | 26.4 39.6    |

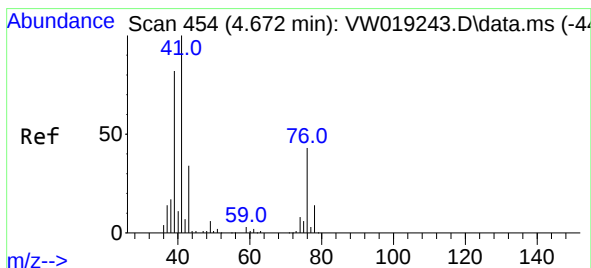
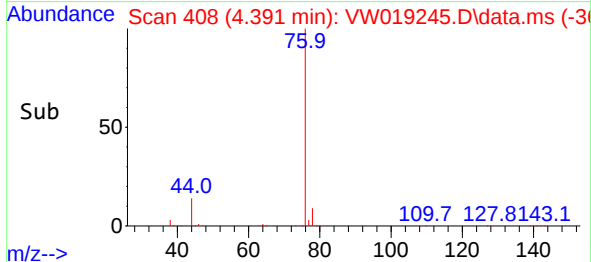
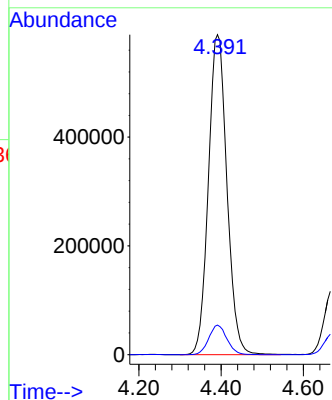
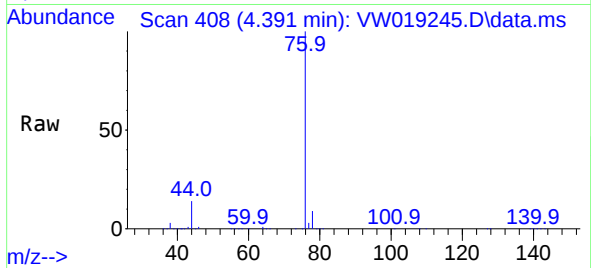




#17  
Carbon Disulfide  
Concen: 145.93 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

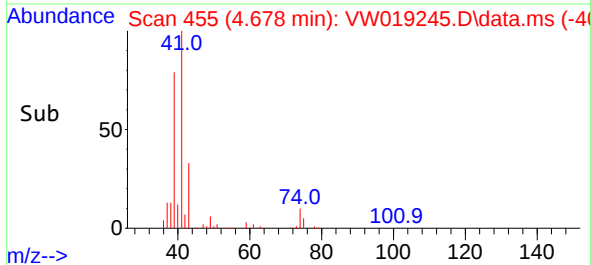
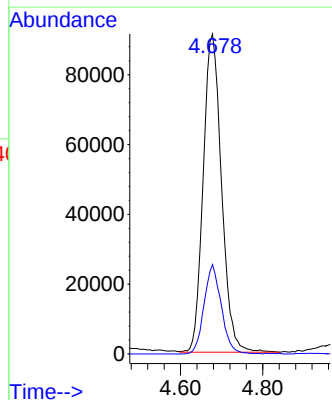
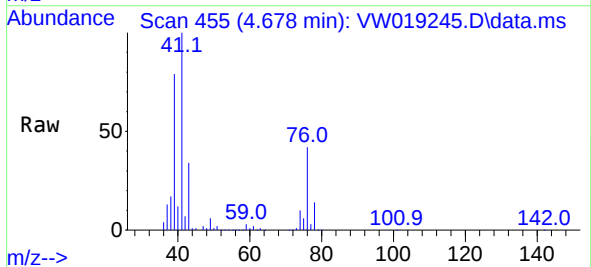
Instrument :  
MSVOA\_W  
ClientSampleId :

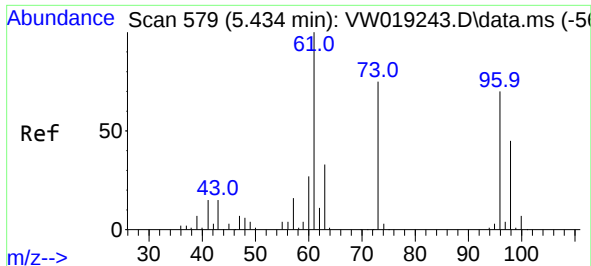
Tgt Ion: 76 Resp: 1839412  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2



#18  
Methyl Acetate  
Concen: 131.50 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 43 Resp: 282007  
Ion Ratio Lower Upper  
43 100  
74 26.4 21.8 32.8

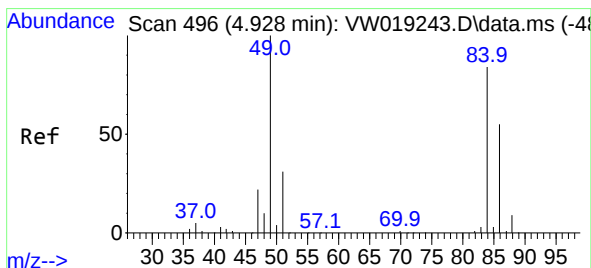
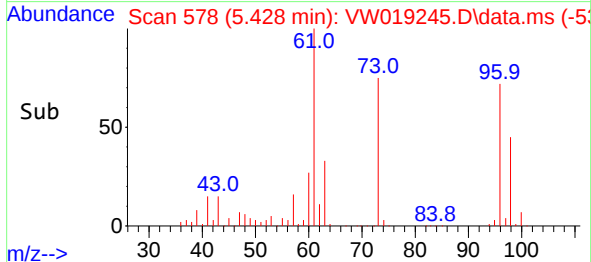
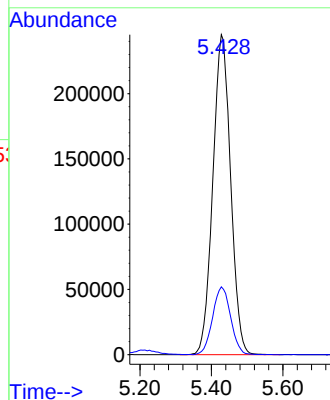
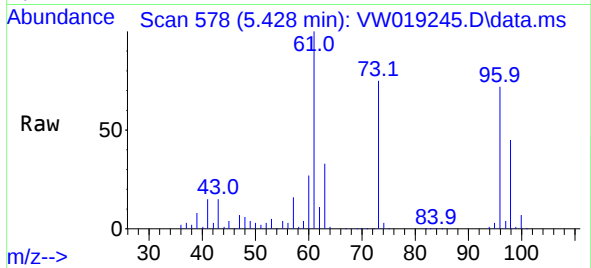




#19  
Methyl tert-butyl Ether  
Concen: 149.49 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

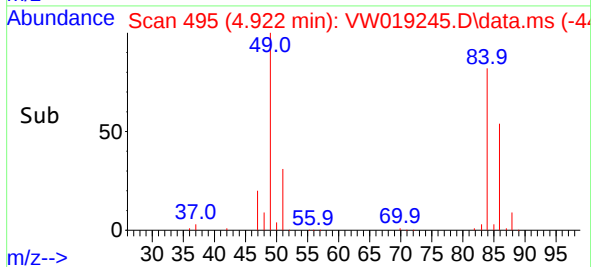
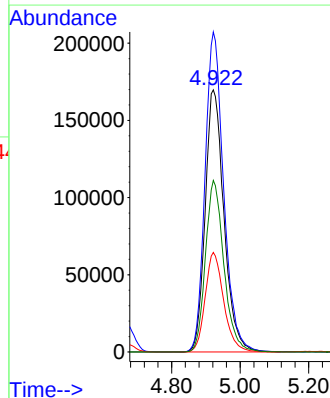
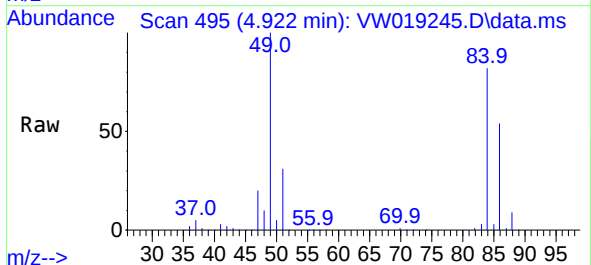
Instrument :  
MSVOA\_W  
ClientSampled :

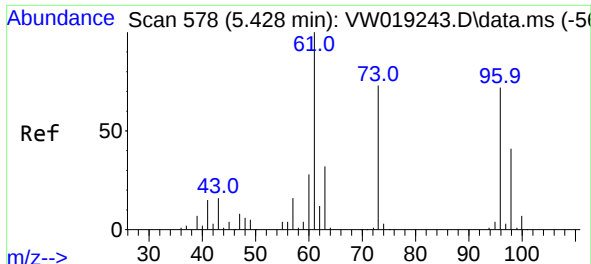
Tgt Ion: 73 Resp: 846330  
Ion Ratio Lower Upper  
73 100  
57 21.2 17.4 26.0



#20  
Methylene Chloride  
Concen: 111.45 ug/l  
RT: 4.922 min Scan# 495  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 84 Resp: 649042  
Ion Ratio Lower Upper  
84 100  
49 122.1 90.4 135.6  
51 37.9 27.1 40.7  
86 65.5 47.6 71.4

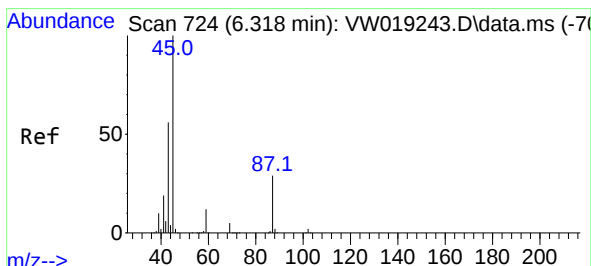
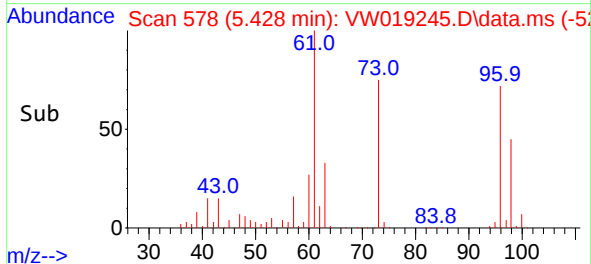
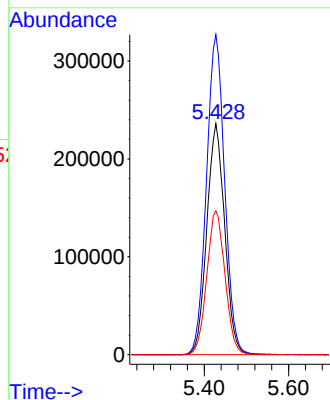
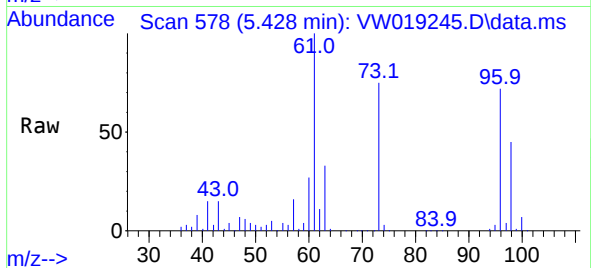




#21  
trans-1,2-Dichloroethene  
Concen: 136.27 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

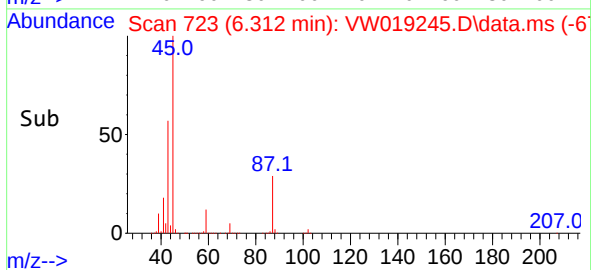
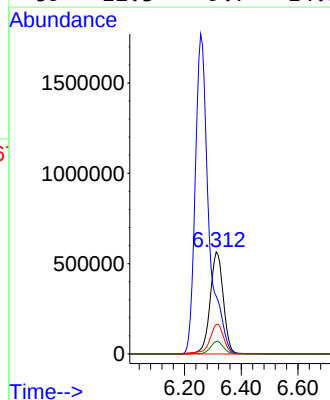
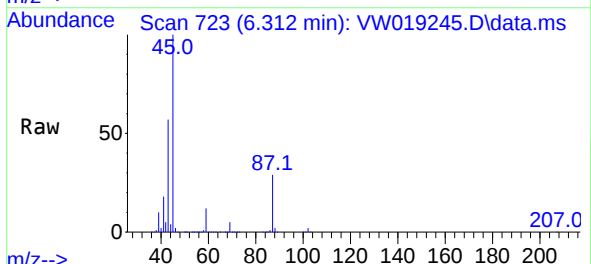
Instrument :  
MSVOA\_W  
ClientSampled :

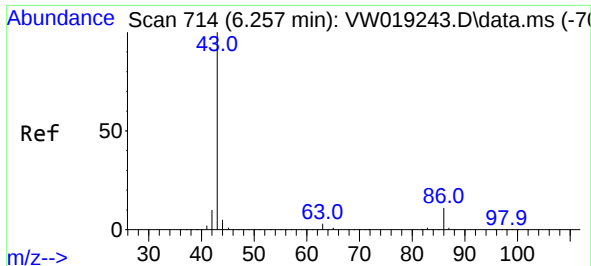
Tgt Ion: 96 Resp: 696260  
Ion Ratio Lower Upper  
96 100  
61 138.5 108.5 162.7  
98 62.3 49.4 74.0



#22  
Diisopropyl ether  
Concen: 151.52 ug/l  
RT: 6.312 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 45 Resp: 1828288  
Ion Ratio Lower Upper  
45 100  
43 56.6 46.1 69.1  
87 28.8 23.4 35.2  
59 12.3 9.7 14.5

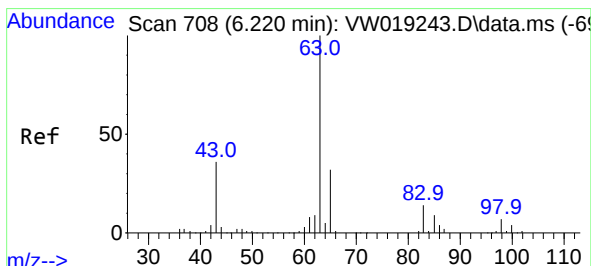
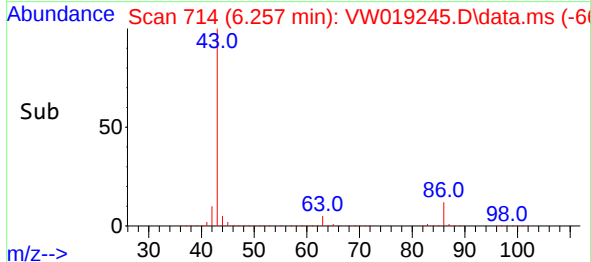
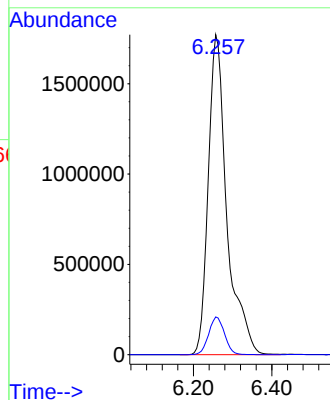
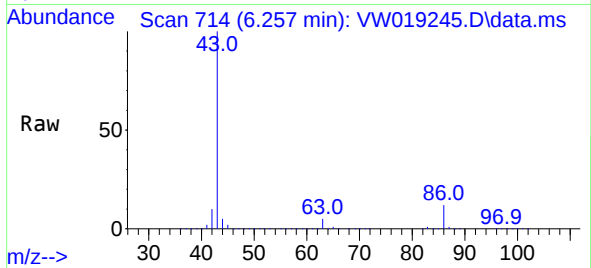




#23  
 Vinyl Acetate  
 Concen: 744.12 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. 0.000 min  
 Lab File: VW019245.D  
 Acq: 21 Jun 2021 11:49

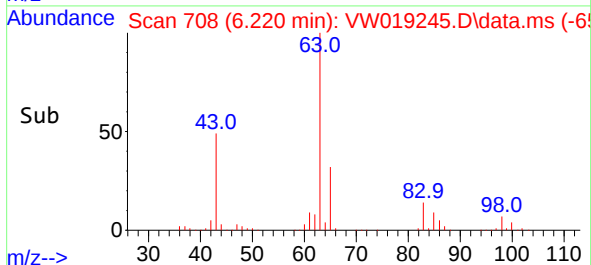
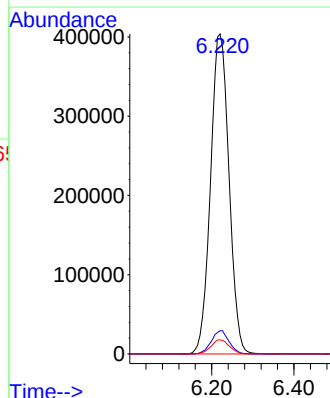
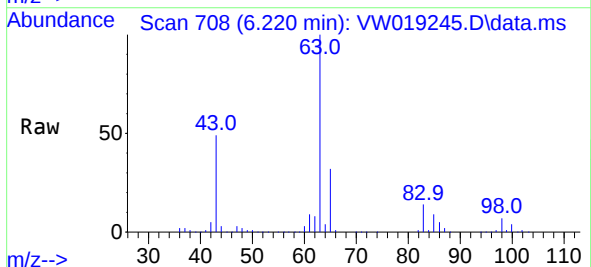
Instrument :  
 MSVOA\_W  
 ClientSampled :

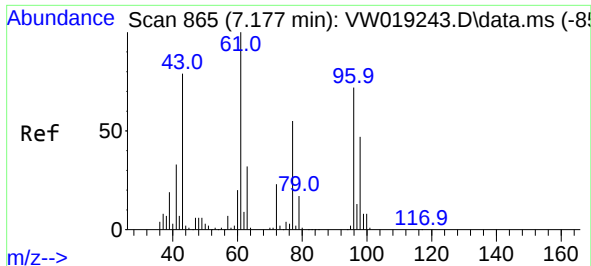
Tgt Ion: 43 Resp: 5835018  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 9.6 14.4



#24  
 1,1-Dichloroethane  
 Concen: 136.46 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. 0.000 min  
 Lab File: VW019245.D  
 Acq: 21 Jun 2021 11:49

Tgt Ion: 63 Resp: 1258870  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.6 10.9  
 100 4.4 2.3 6.8

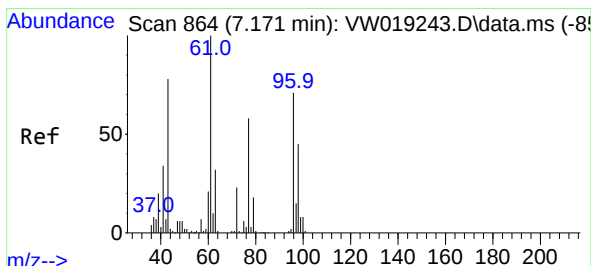
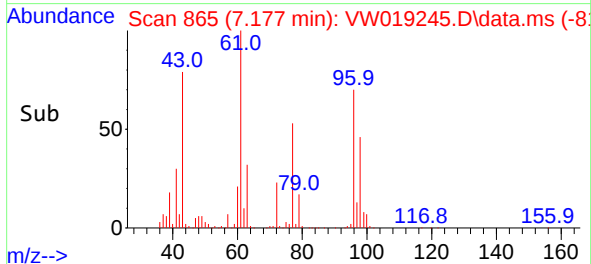
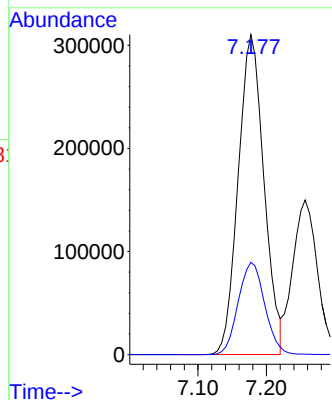
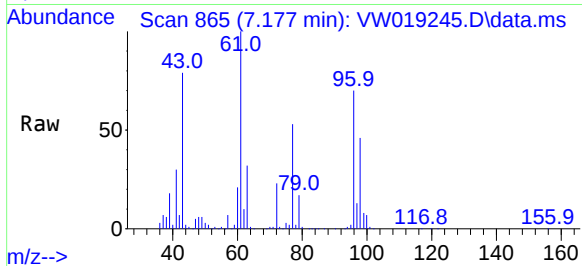




#25  
2-Butanone  
Concen: 687.02 ug/l  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

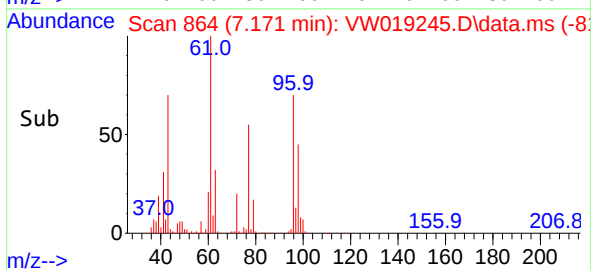
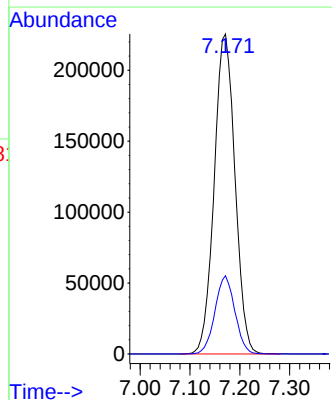
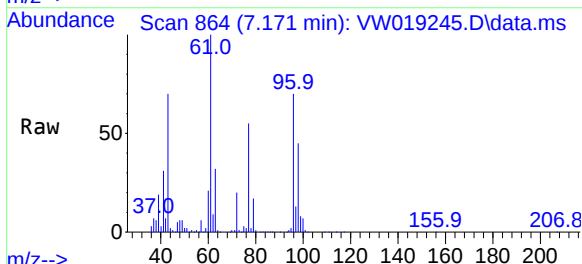
Instrument :  
MSVOA\_W  
ClientSampleId :

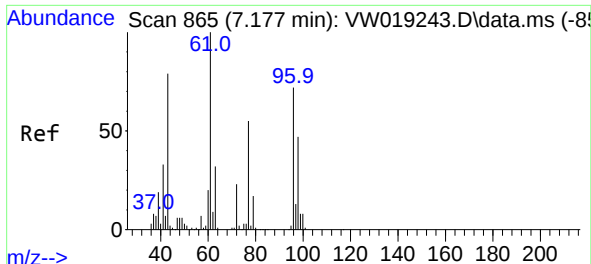
Tgt Ion: 43 Resp: 811230  
Ion Ratio Lower Upper  
43 100  
72 28.9 24.0 36.0



#26  
2,2-Dichloropropane  
Concen: 124.76 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 77 Resp: 652842  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.8 35.3

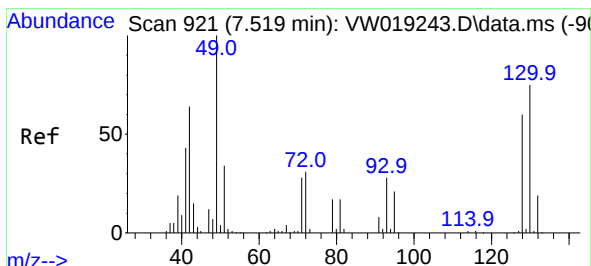
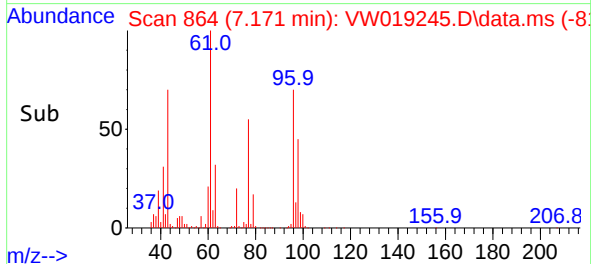
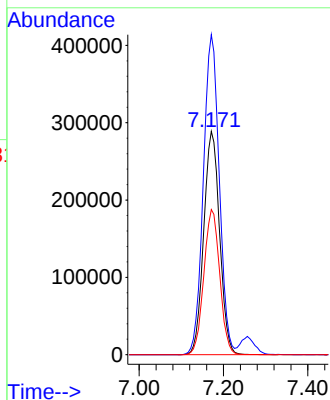
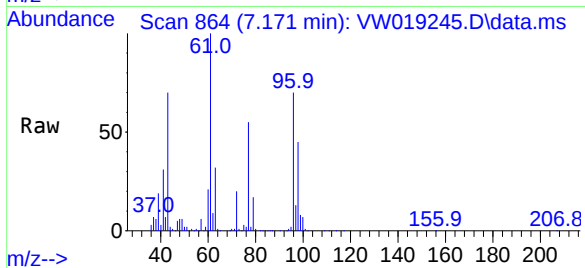




#27  
cis-1,2-Dichloroethene  
Concen: 134.65 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

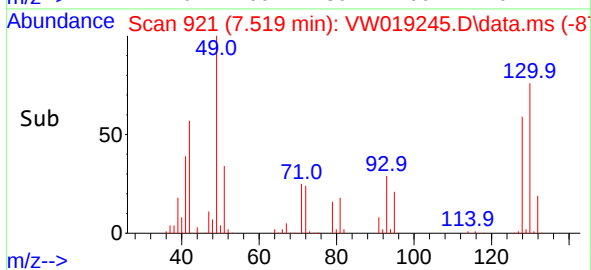
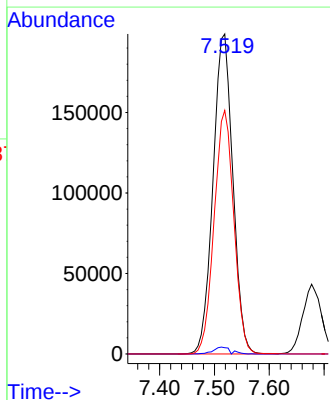
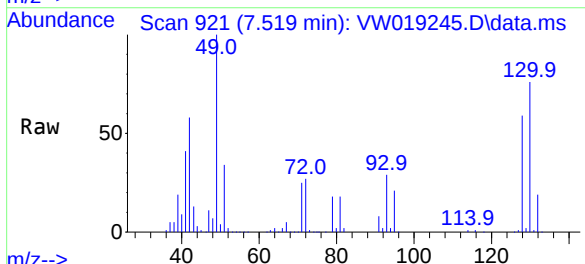
Instrument :  
MSVOA\_W  
ClientSampled :

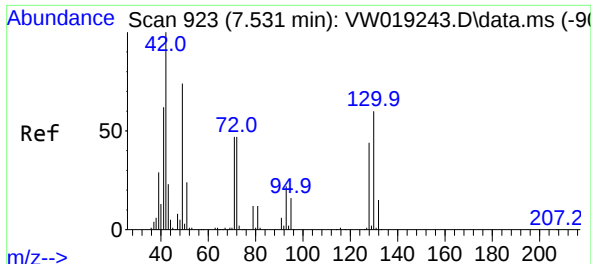
Tgt Ion: 96 Resp: 755871  
Ion Ratio Lower Upper  
96 100  
61 143.9 0.0 281.2  
98 65.2 0.0 127.4



#28  
Bromochloromethane  
Concen: 135.66 ug/l  
RT: 7.519 min Scan# 921  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 49 Resp: 499802  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.4  
130 75.6 63.0 94.4





#29

Tetrahydrofuran

Concen: 763.20 ug/l

RT: 7.537 min Scan# 924

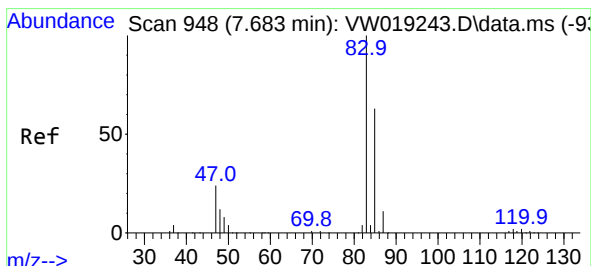
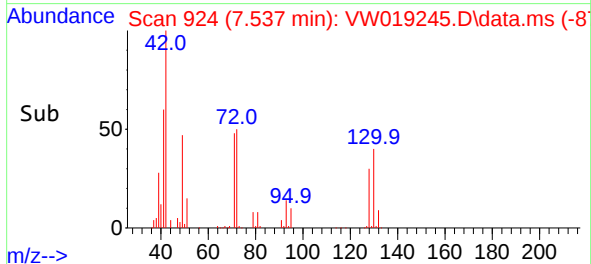
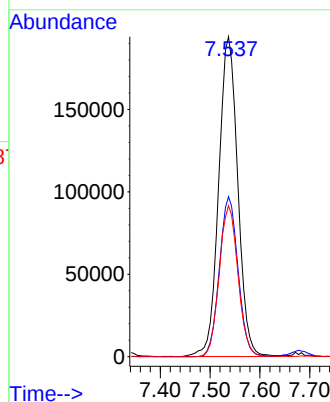
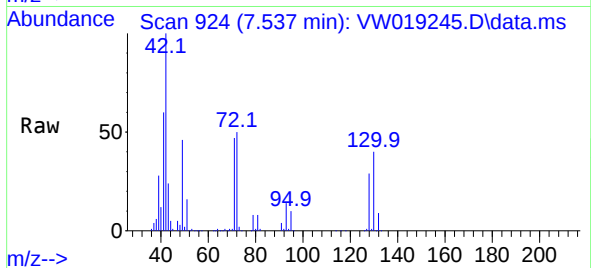
Delta R.T. 0.006 min

Lab File: VW019245.D

Acq: 21 Jun 2021 11:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 516154 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 48.9  | 40.1  | 60.1   |
| 71       | 46.2  | 38.3  | 57.5   |

Instrument :  
MSVOA\_W  
ClientSampleId :



#30

Chloroform

Concen: 135.17 ug/l

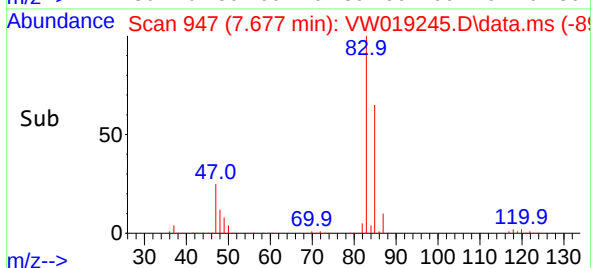
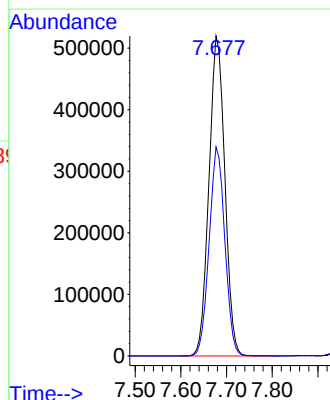
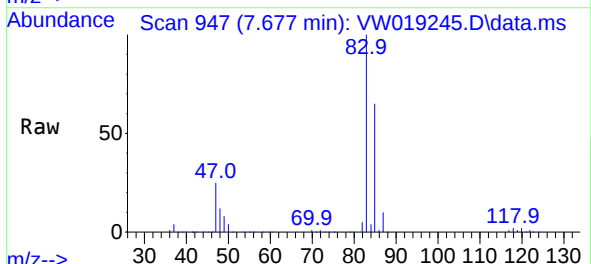
RT: 7.677 min Scan# 947

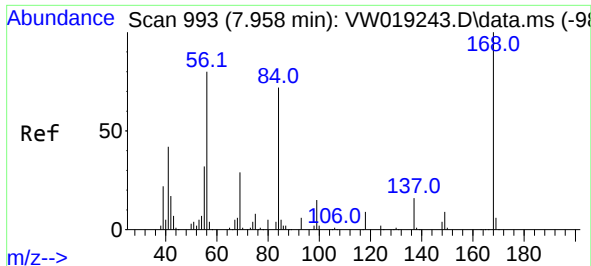
Delta R.T. -0.006 min

Lab File: VW019245.D

Acq: 21 Jun 2021 11:49

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 83    | Resp: | 1254623 |
| Ion      | Ratio | Lower | Upper   |
| 83       | 100   |       |         |
| 85       | 65.3  | 53.4  | 80.0    |

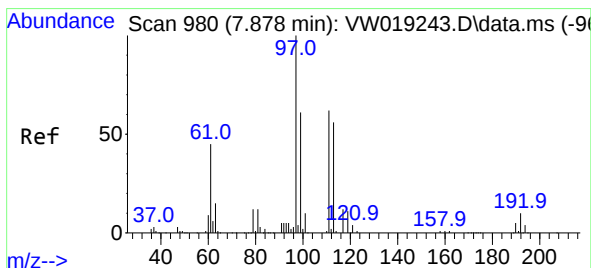
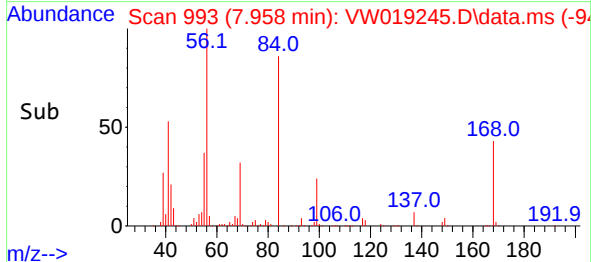
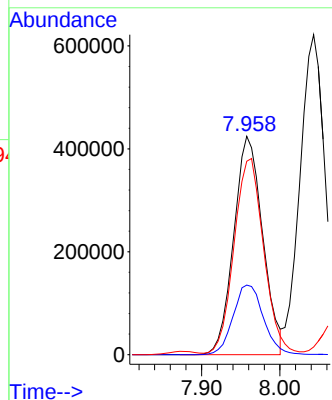
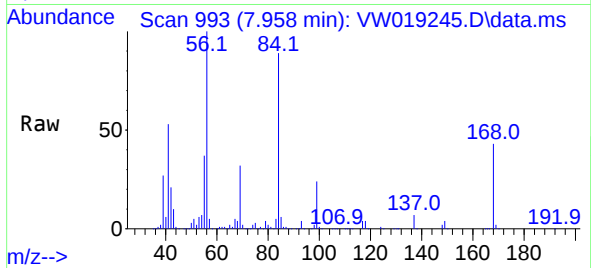




#31  
Cyclohexane  
Concen: 135.96 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

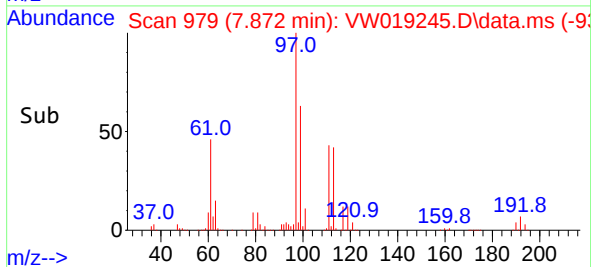
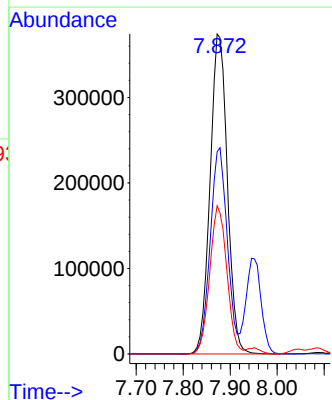
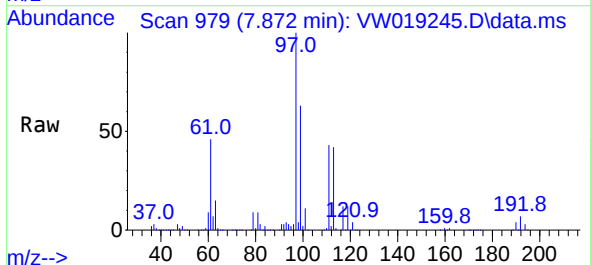
Instrument :  
MSVOA\_W  
ClientSampleId :

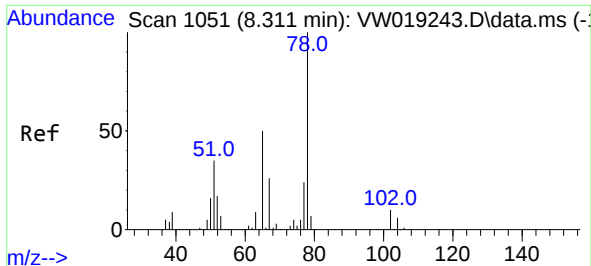
Tgt Ion: 56 Resp: 1087396  
Ion Ratio Lower Upper  
56 100  
69 31.9 28.4 42.6  
84 87.0 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 133.64 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 97 Resp: 952282  
Ion Ratio Lower Upper  
97 100  
99 63.7 52.2 78.4  
61 46.0 36.7 55.1

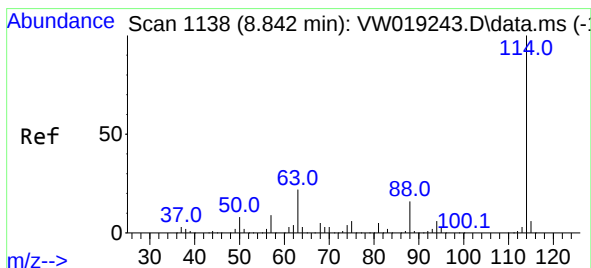
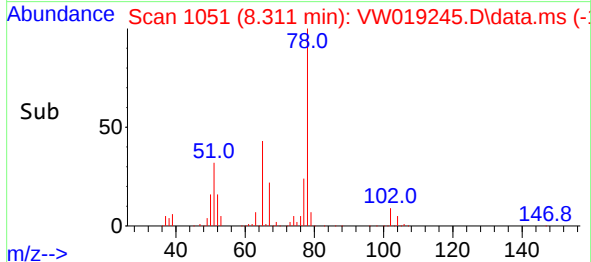
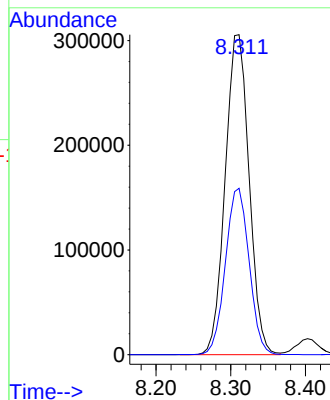
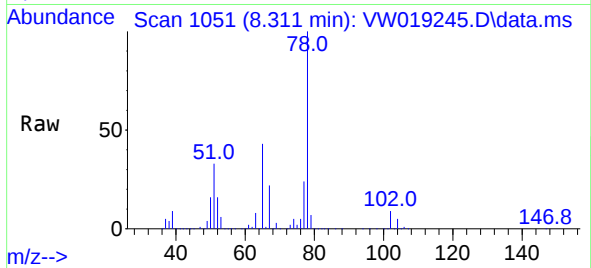




#33  
1,2-Dichloroethane-d4  
Concen: 131.01 ug/l  
RT: 8.311 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

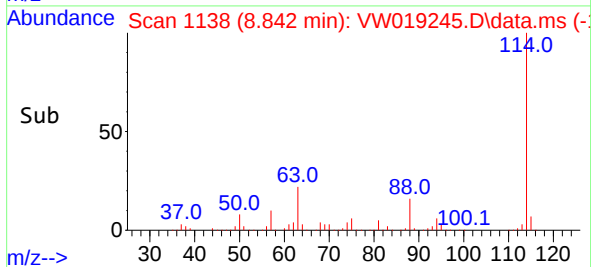
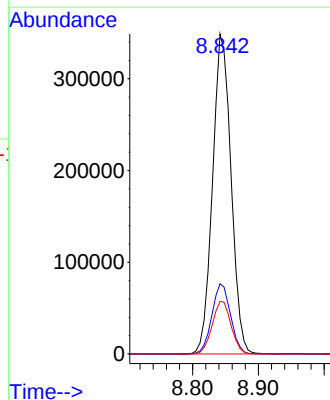
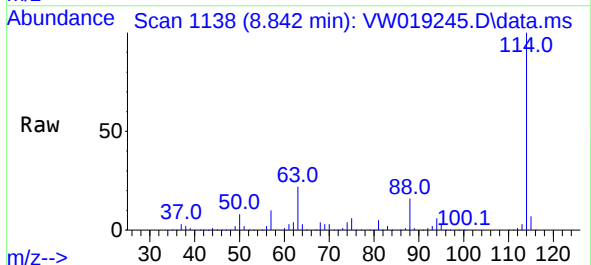
Instrument :  
MSVOA\_W  
ClientSampled :

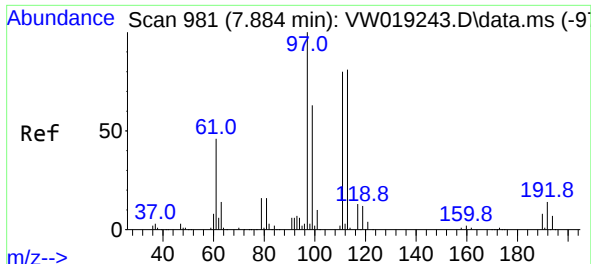
Tgt Ion: 65 Resp: 680771  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 104.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.842 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:114 Resp: 682599  
Ion Ratio Lower Upper  
114 100  
63 22.0 0.0 42.4  
88 16.5 0.0 33.2

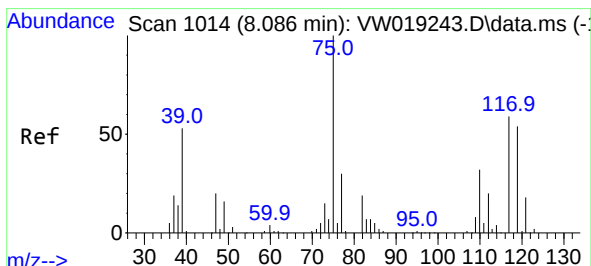
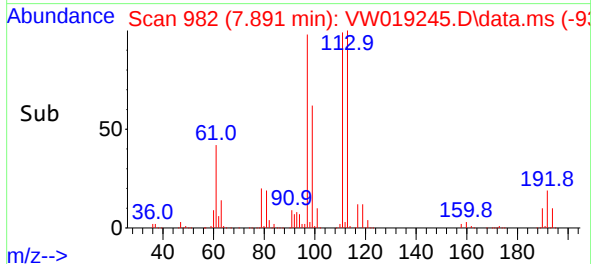
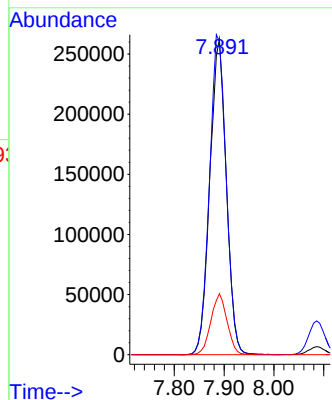
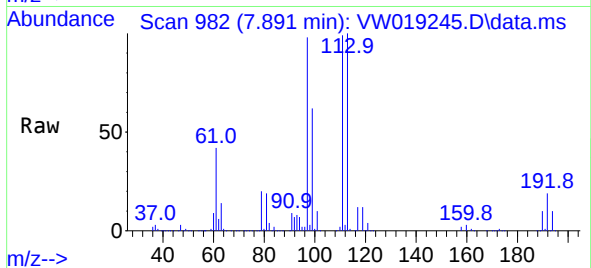




#35  
Dibromofluoromethane  
Concen: 131.04 ug/l  
RT: 7.891 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

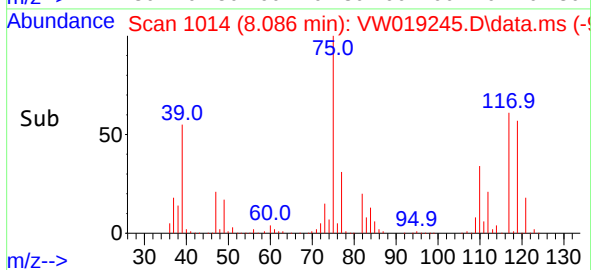
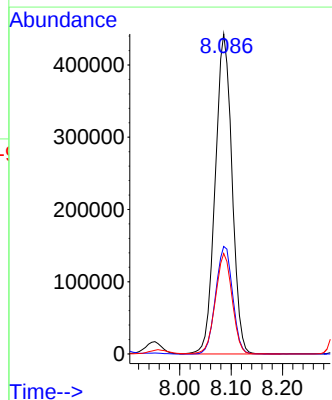
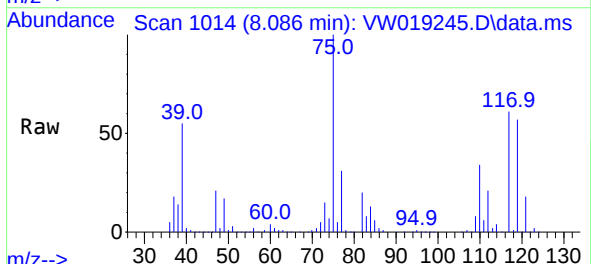
Instrument :  
MSVOA\_W  
ClientSampleId :

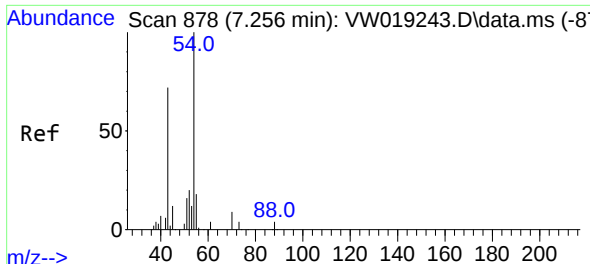
Tgt Ion:113 Resp: 600339  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.3 123.5  
192 19.0 15.3 22.9



#36  
1,1-Dichloropropene  
Concen: 133.53 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 75 Resp: 1001768  
Ion Ratio Lower Upper  
75 100  
110 33.8 17.1 51.2  
77 31.4 25.3 37.9



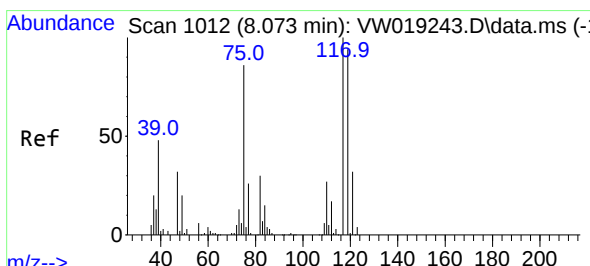
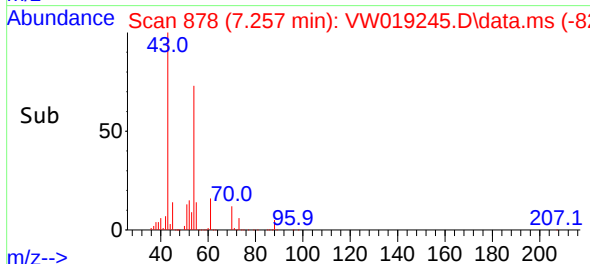
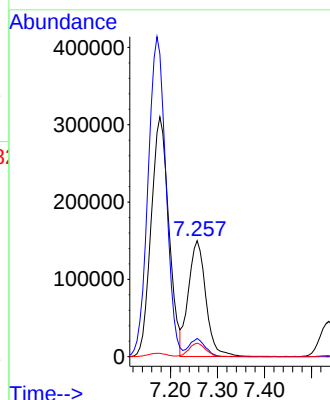
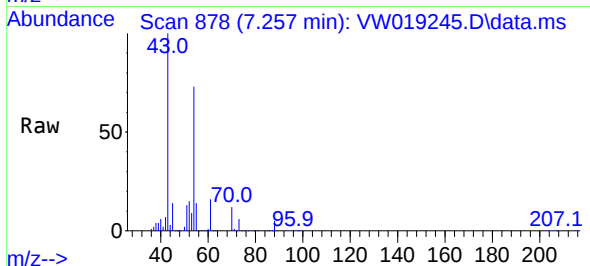


#37  
Ethyl Acetate  
Concen: 142.45 ug/l  
RT: 7.257 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 43 Resp: 384963

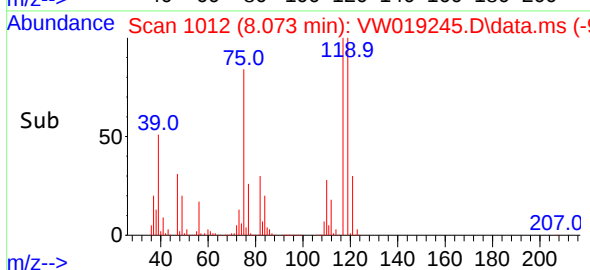
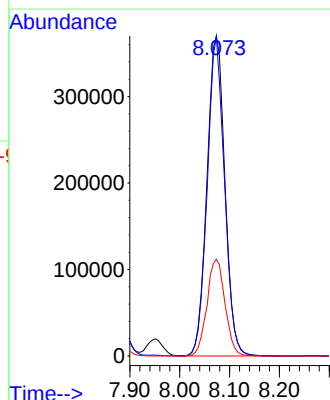
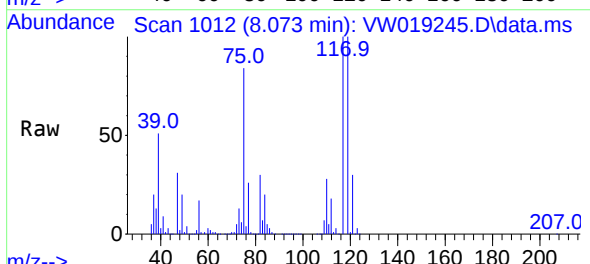
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.4  | 12.2  | 18.4  |
| 70  | 11.3  | 9.5   | 14.3  |

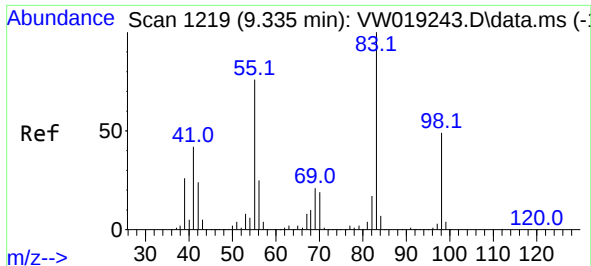


#38  
Carbon Tetrachloride  
Concen: 139.47 ug/l  
RT: 8.073 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 117 Resp: 924661

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 99.8  | 77.4  | 116.0 |
| 121 | 30.2  | 23.6  | 35.4  |

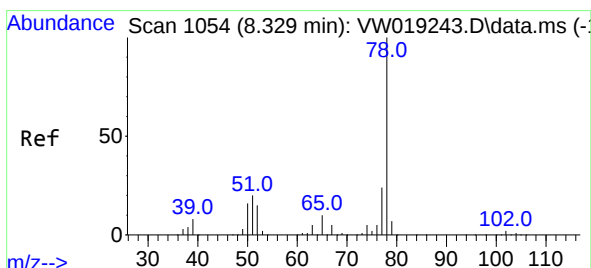
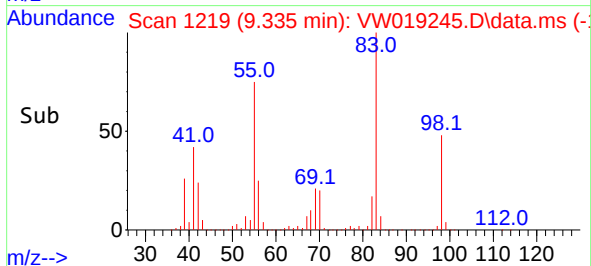
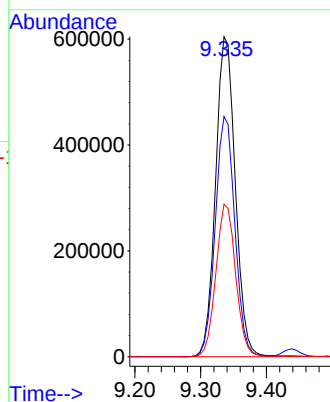
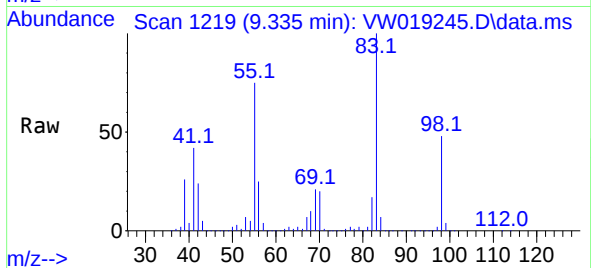




#39  
Methylcyclohexane  
Concen: 149.44 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

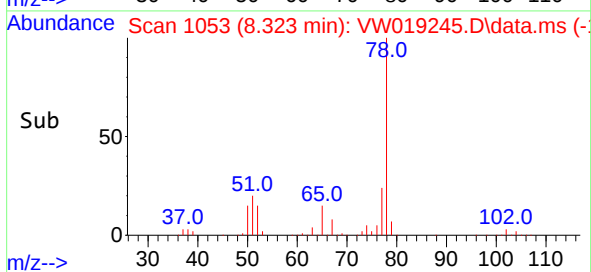
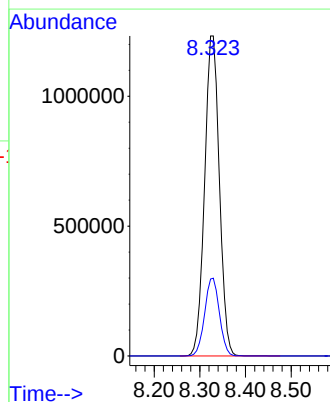
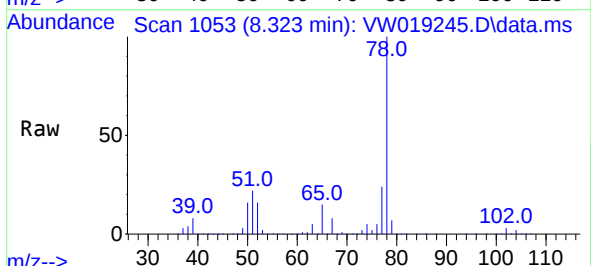
Instrument :  
MSVOA\_W  
ClientSampleId :

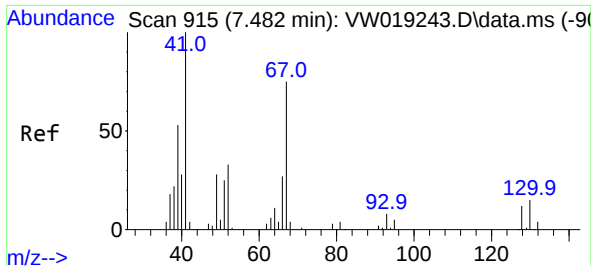
Tgt Ion: 83 Resp: 1262611  
Ion Ratio Lower Upper  
83 100  
55 75.1 60.9 91.3  
98 47.7 38.4 57.6



#40  
Benzene  
Concen: 135.09 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 78 Resp: 2761895  
Ion Ratio Lower Upper  
78 100  
77 24.1 19.6 29.4



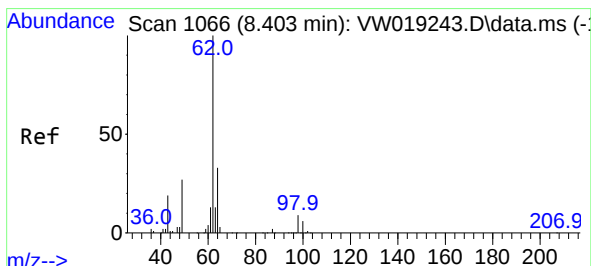
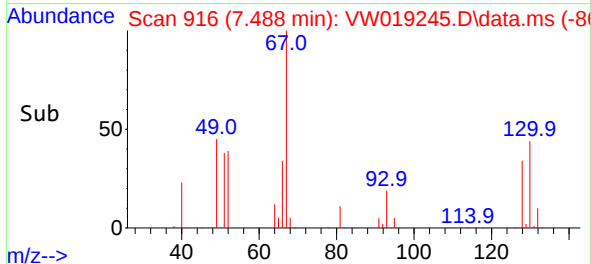
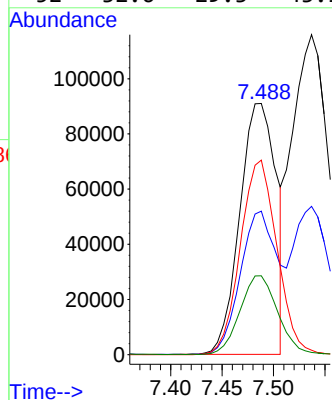
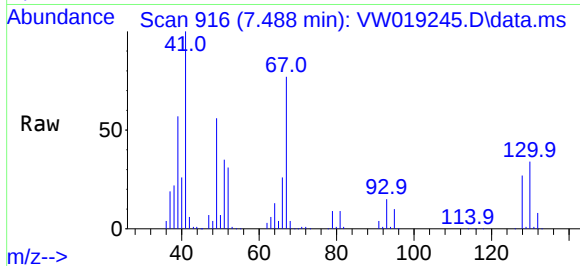


#41  
Methacrylonitrile  
Concen: 142.38 ug/l  
RT: 7.488 min Scan# 916  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampleId :

Tgt Ion: 41 Resp: 224572

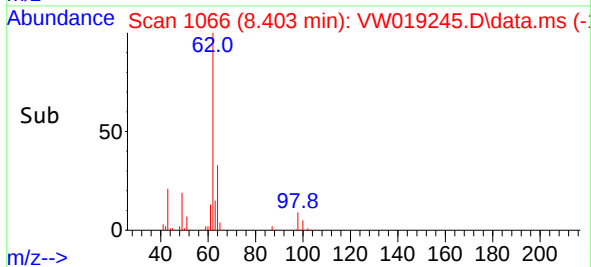
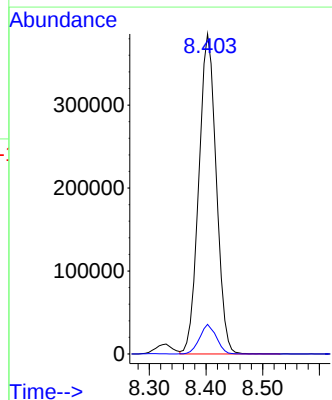
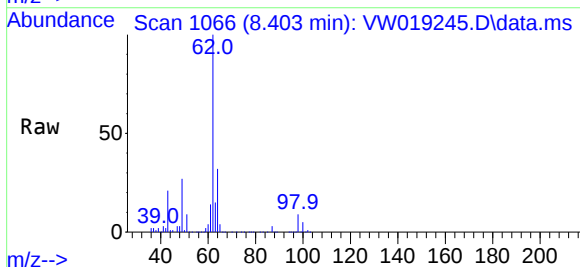
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 60.6  | 50.1  | 75.1  |
| 67  | 78.2  | 69.0  | 103.4 |
| 52  | 32.6  | 29.3  | 43.9  |

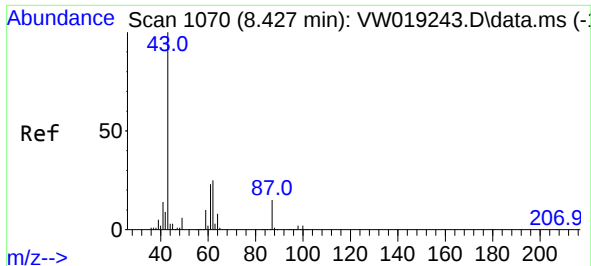


#42  
1,2-Dichloroethane  
Concen: 136.60 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 62 Resp: 822630

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 18.0  |

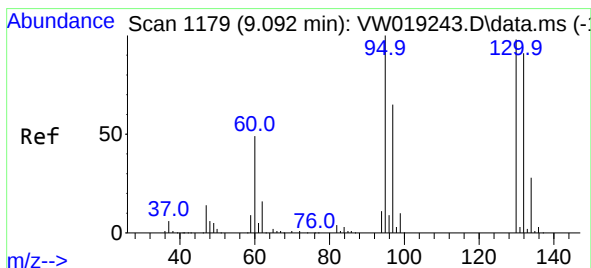
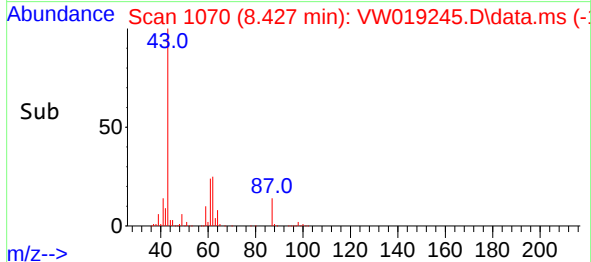
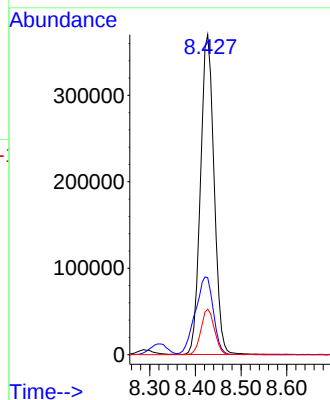
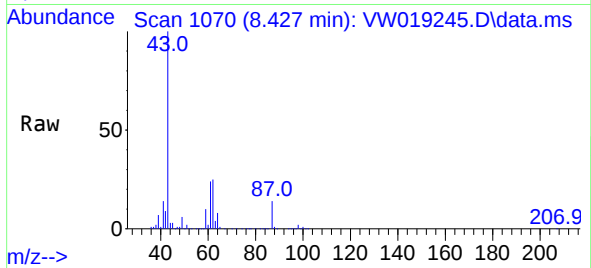




#43  
Isopropyl Acetate  
Concen: 146.81 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

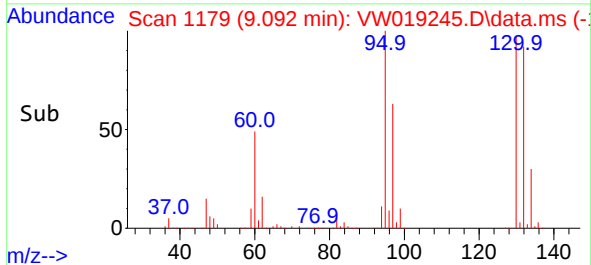
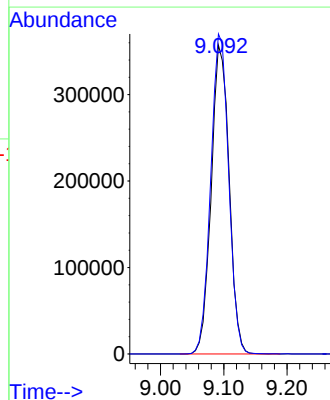
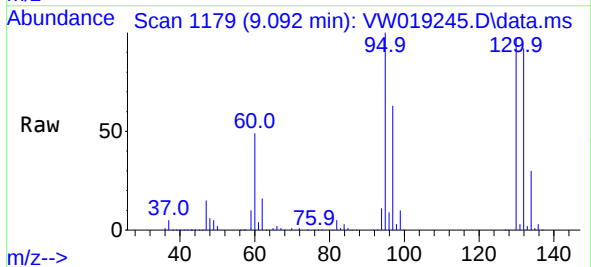
Instrument :  
MSVOA\_W  
ClientSampled :

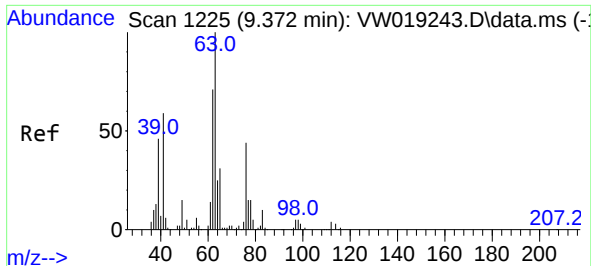
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 762717 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 32.3  | 27.0  | 40.6   |
| 87       | 14.3  | 11.6  | 17.4   |



#44  
Trichloroethene  
Concen: 131.80 ug/l  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 701484 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 103.6 | 0.0   | 199.0  |

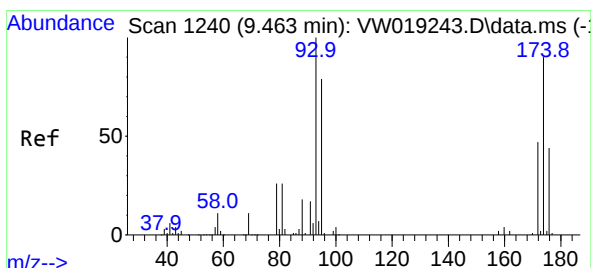
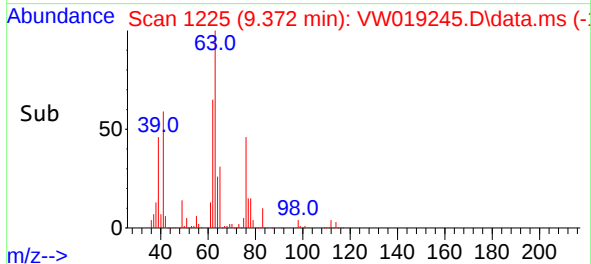
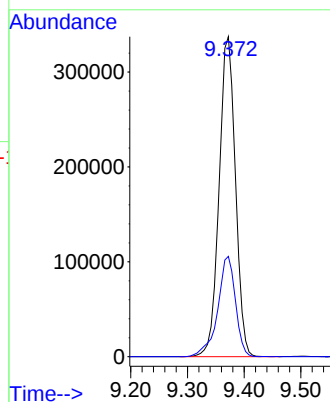
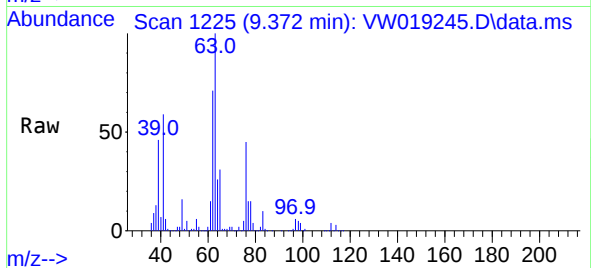




#45  
1,2-Dichloropropane  
Concen: 135.70 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

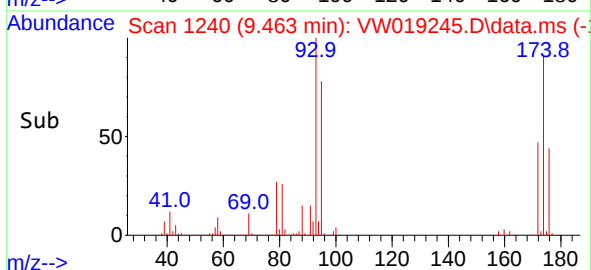
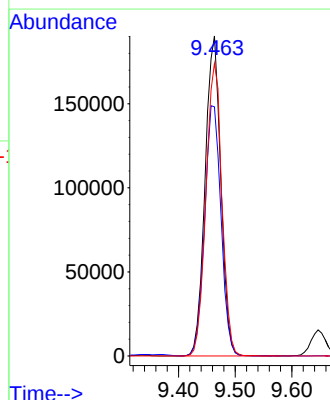
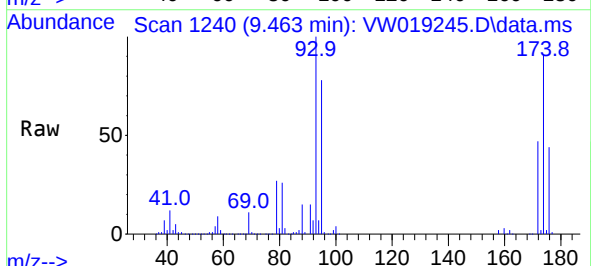
Instrument :  
MSVOA\_W  
ClientSampled :

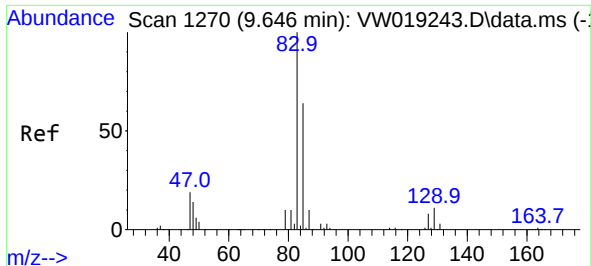
Tgt Ion: 63 Resp: 674410  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.1 36.1



#46  
Dibromomethane  
Concen: 142.05 ug/l  
RT: 9.463 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 93 Resp: 366219  
Ion Ratio Lower Upper  
93 100  
95 81.5 66.7 100.1  
174 92.8 75.3 112.9

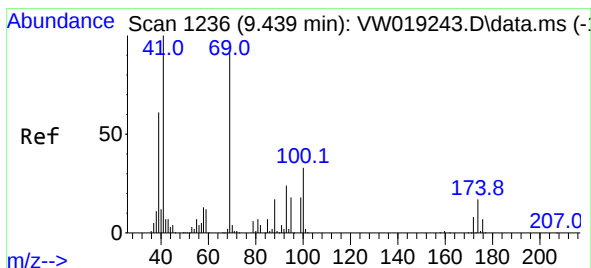
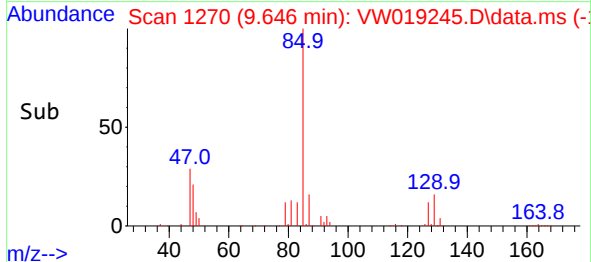
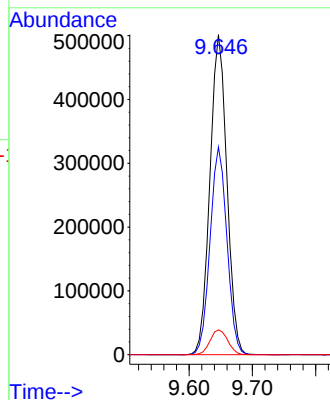
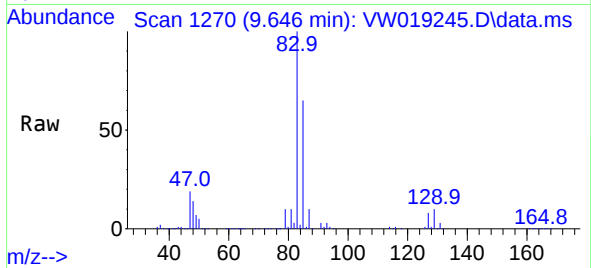




#47  
Bromodichloromethane  
Concen: 140.90 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

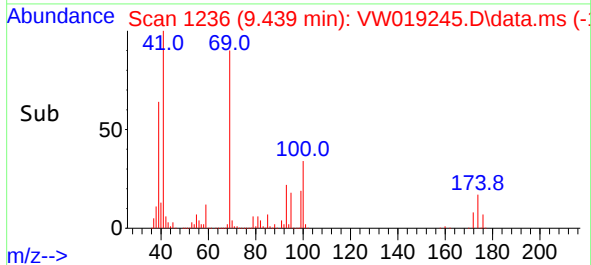
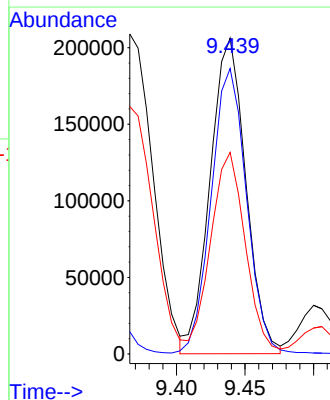
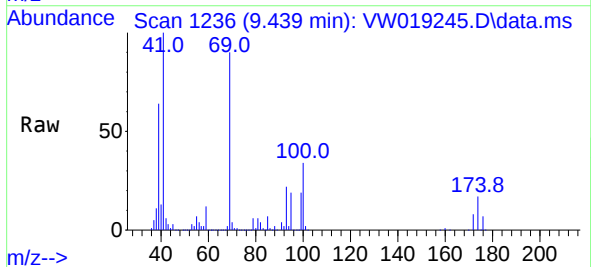
Instrument :  
MSVOA\_W  
ClientSampleId :

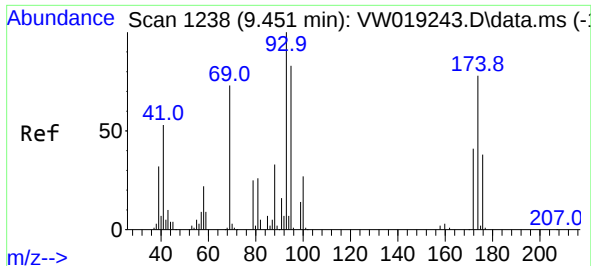
Tgt Ion: 83 Resp: 936530  
Ion Ratio Lower Upper  
83 100  
85 64.9 53.4 80.2  
127 7.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 152.60 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

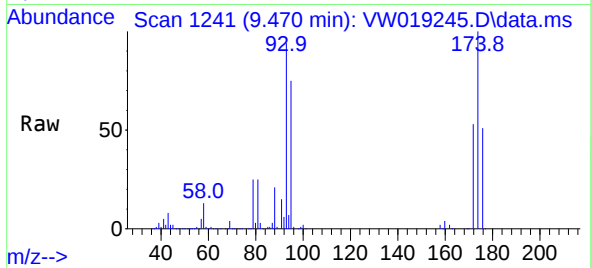
Tgt Ion: 41 Resp: 373409  
Ion Ratio Lower Upper  
41 100  
69 90.0 80.2 120.2  
39 58.5 51.5 77.3



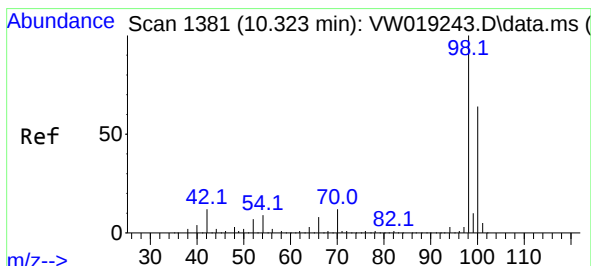
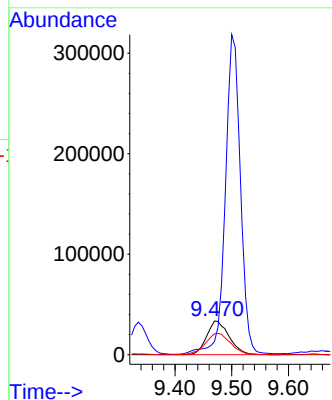
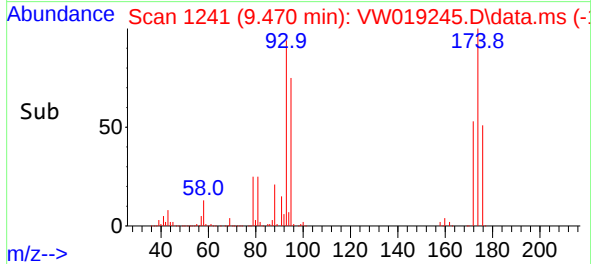


#49  
1,4-Dioxane  
Concen: 2925.36 ug/l  
RT: 9.470 min Scan# 1241  
Delta R.T. 0.018 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

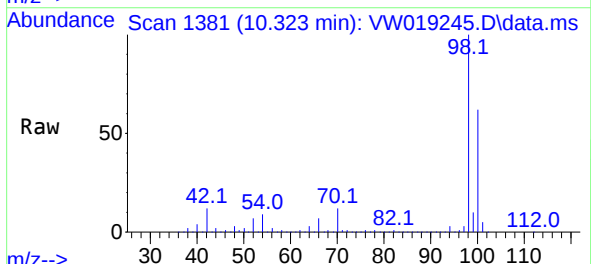
Instrument :  
MSVOA\_W  
ClientSampled :



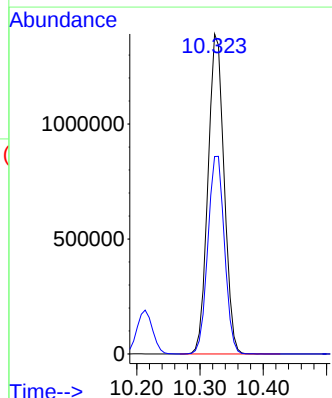
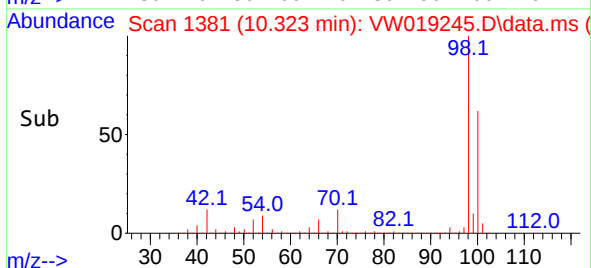
Tgt Ion: 88 Resp: 91806  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 71.1 55.4 83.2

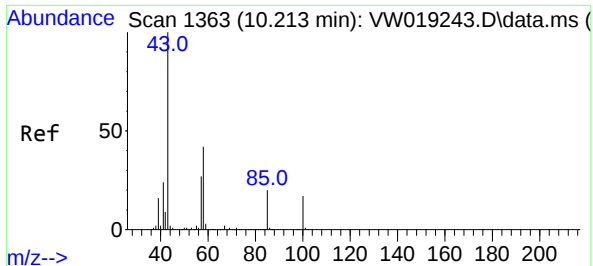


#50  
Toluene-d8  
Concen: 131.54 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49



Tgt Ion: 98 Resp: 2464433  
Ion Ratio Lower Upper  
98 100  
100 63.6 52.0 78.0

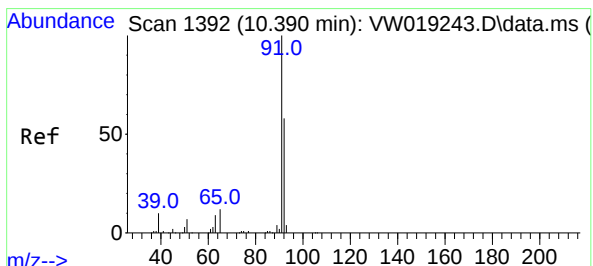
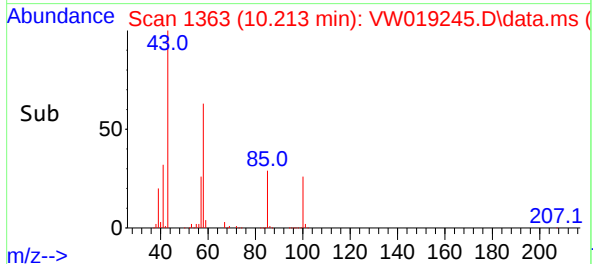
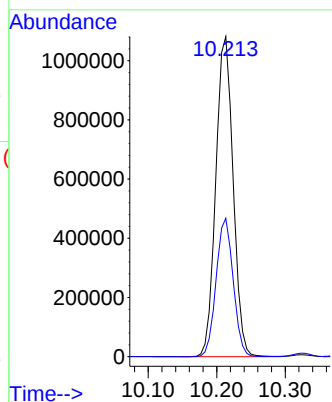
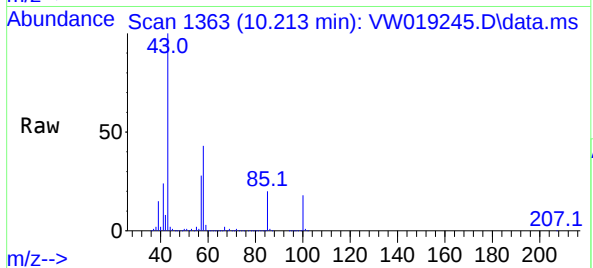




#51  
4-Methyl-2-Pentanone  
Concen: 714.84 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

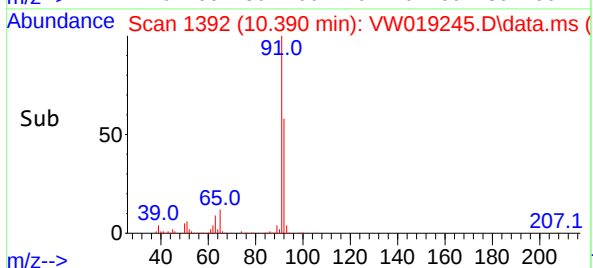
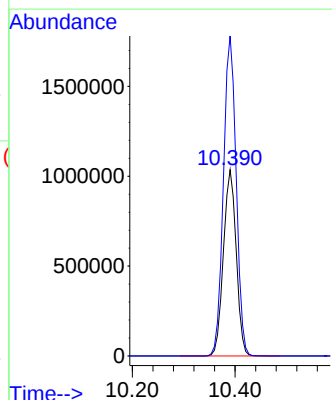
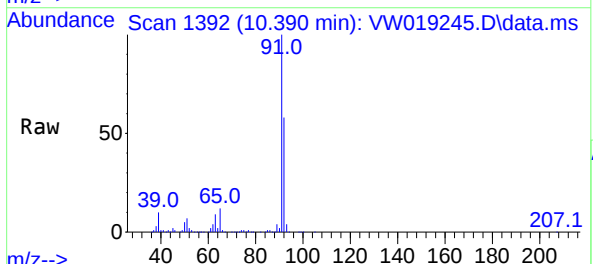
Instrument :  
MSVOA\_W  
ClientSampled :

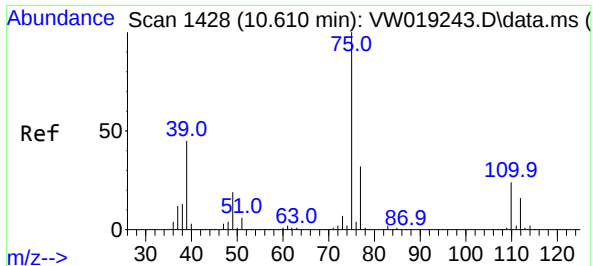
Tgt Ion: 43 Resp: 1891267  
Ion Ratio Lower Upper  
43 100  
58 42.6 34.2 51.4



#52  
Toluene  
Concen: 137.38 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 92 Resp: 1784804  
Ion Ratio Lower Upper  
92 100  
91 171.7 137.4 206.0

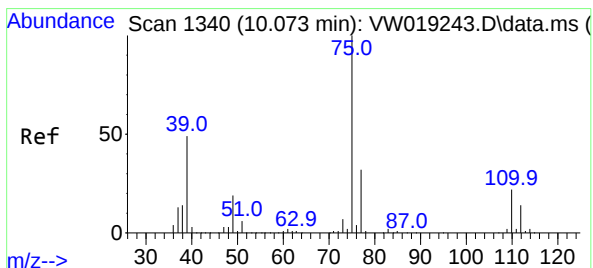
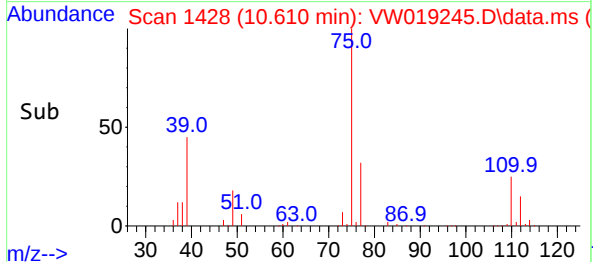
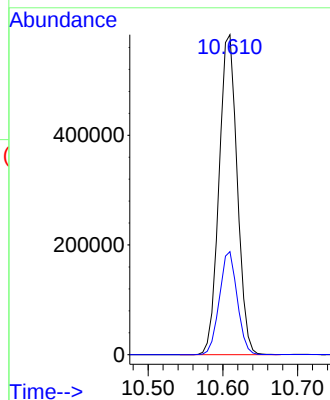
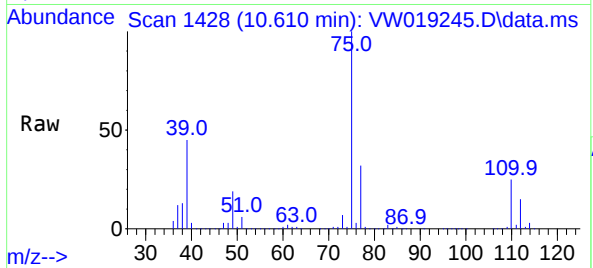




#53  
t-1,3-Dichloropropene  
Concen: 149.74 ug/l  
RT: 10.610 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

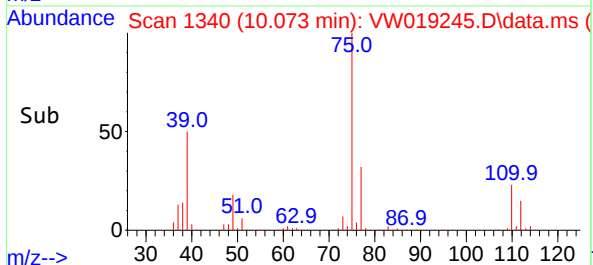
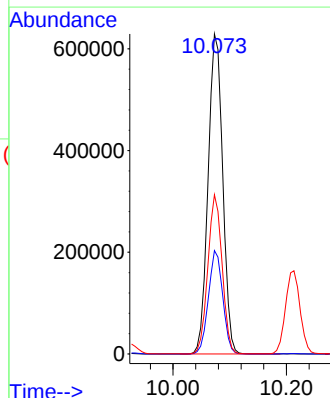
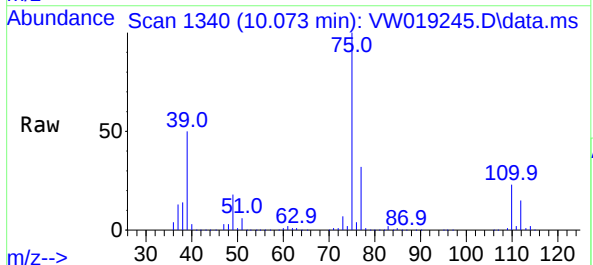
Instrument :  
MSVOA\_W  
ClientSampled :

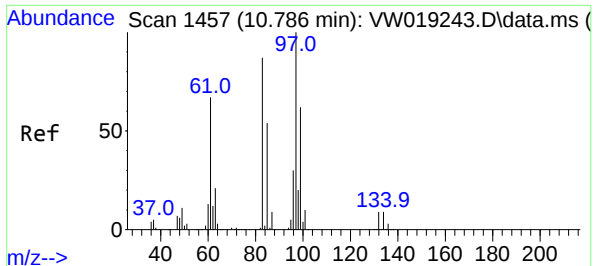
Tgt Ion: 75 Resp: 987268  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.8 37.2



#54  
cis-1,3-Dichloropropene  
Concen: 144.00 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 75 Resp: 1125226  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.0 37.6  
39 49.7 36.9 55.3



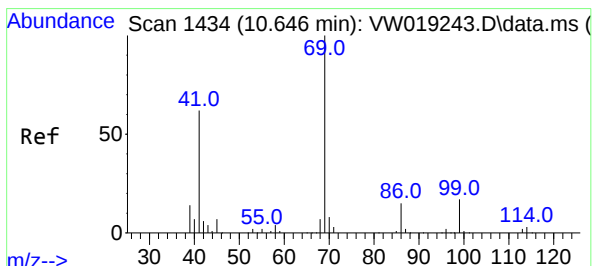
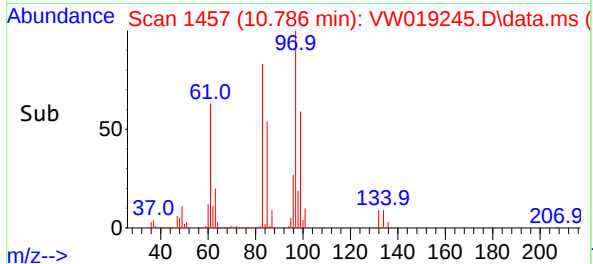
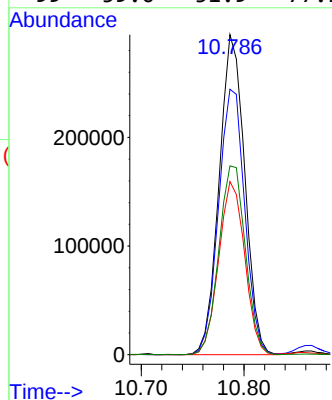
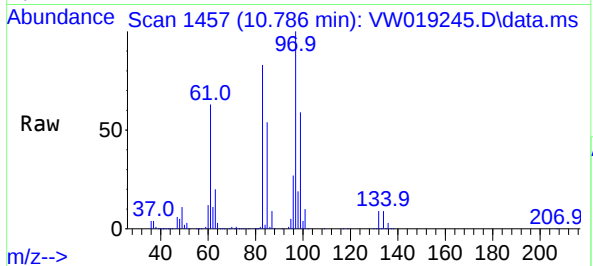


#55  
1,1,2-Trichloroethane  
Concen: 139.69 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampled :

Tgt Ion: 97 Resp: 507910

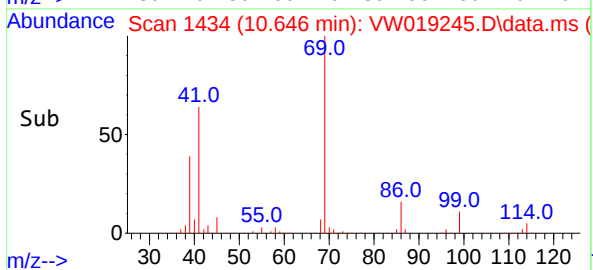
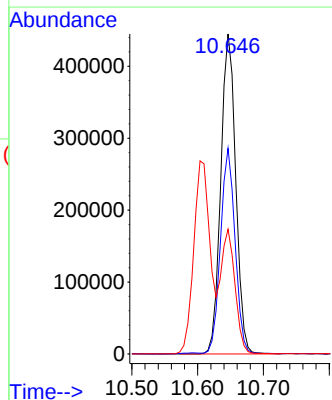
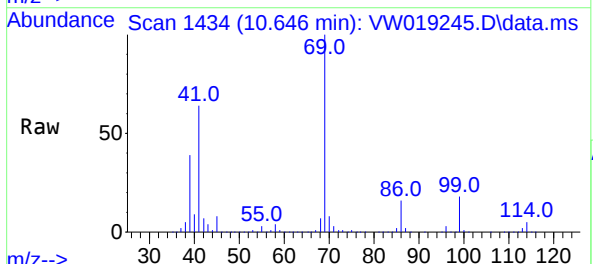
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.9  | 70.6  | 106.0 |
| 85  | 54.1  | 45.8  | 68.6  |
| 99  | 59.0  | 51.9  | 77.9  |

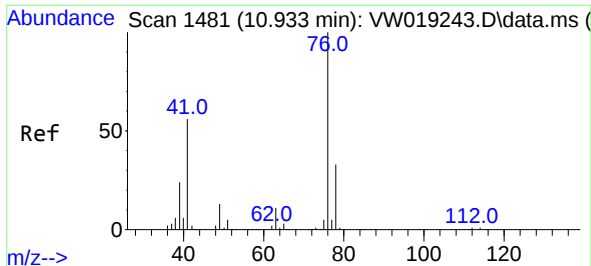


#56  
Ethyl methacrylate  
Concen: 154.65 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 69 Resp: 704588

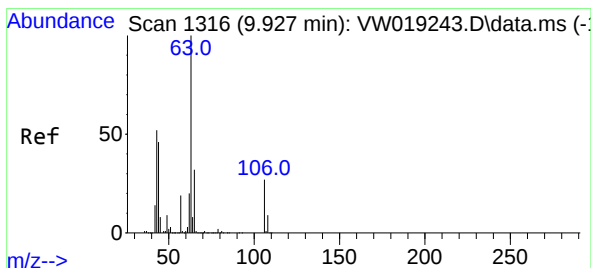
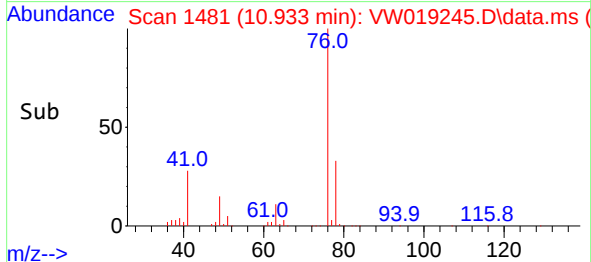
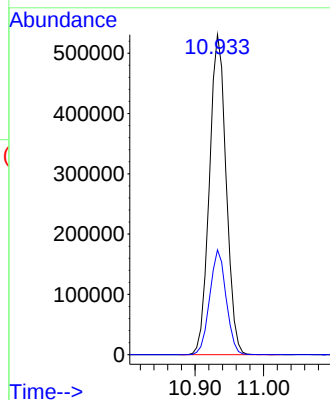
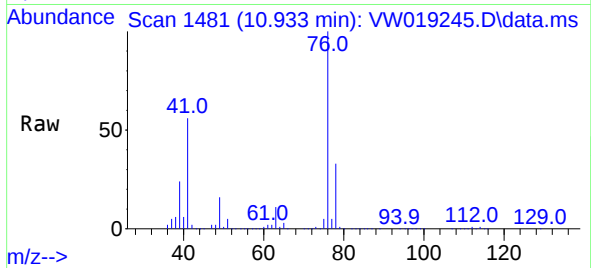
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.4  | 48.7  | 73.1  |
| 39  | 36.3  | 29.0  | 43.4  |





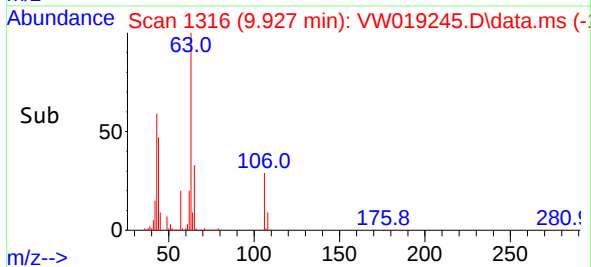
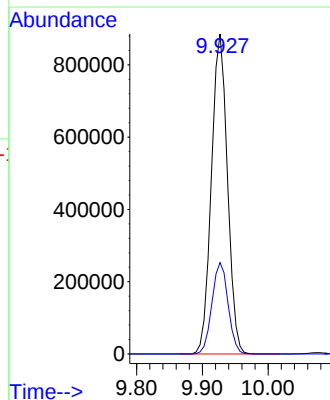
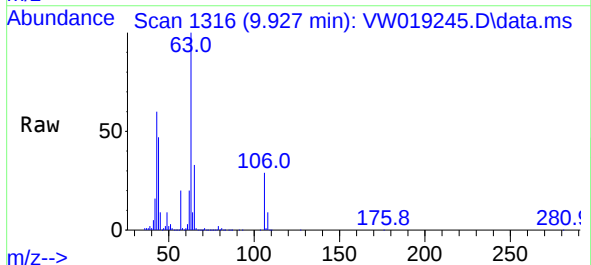
#57  
1,3-Dichloropropane  
Concen: 138.67 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

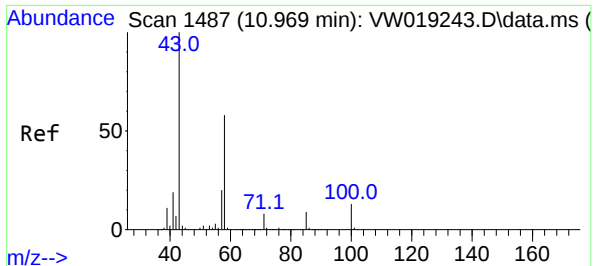
Tgt Ion: 76 Resp: 901671  
Ion Ratio Lower Upper  
76 100  
78 32.1 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 653.44 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 63 Resp: 1502990  
Ion Ratio Lower Upper  
63 100  
106 28.7 22.3 33.5

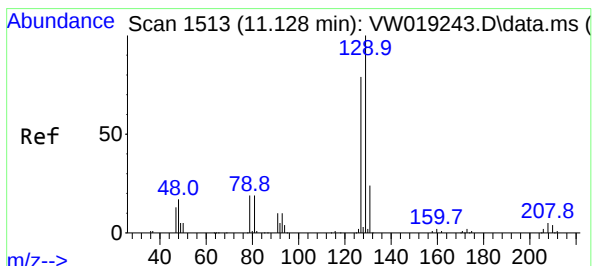
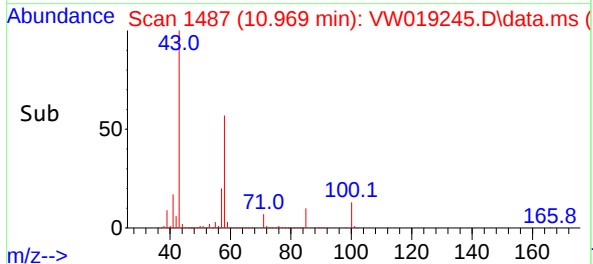
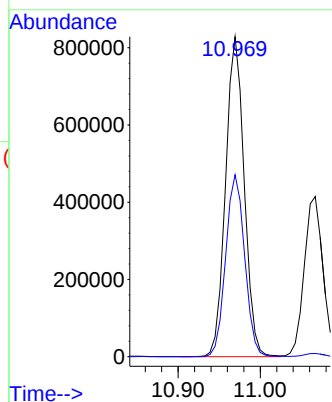
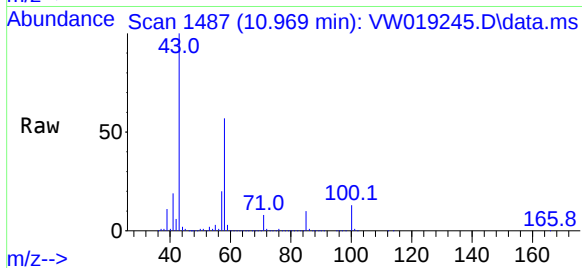




#59  
2-Hexanone  
Concen: 733.30 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

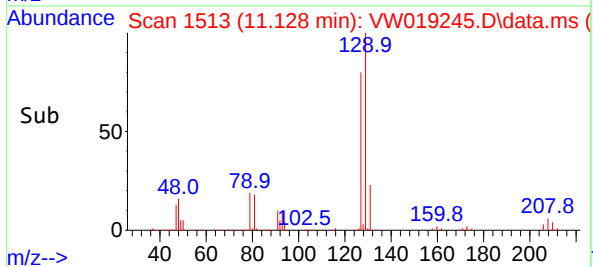
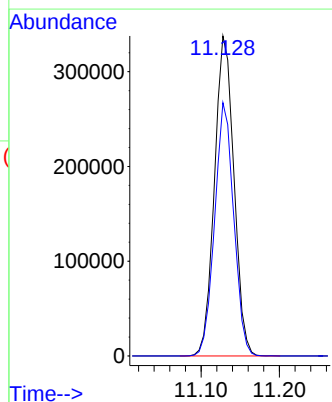
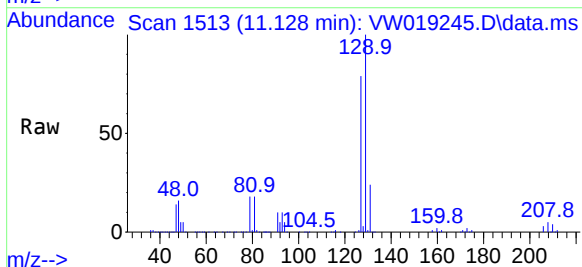
Instrument :  
MSVOA\_W  
ClientSampled :

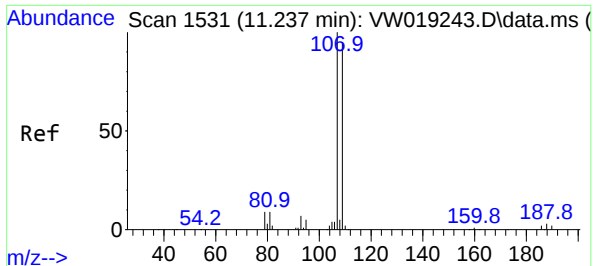
Tgt Ion: 43 Resp: 1306076  
Ion Ratio Lower Upper  
43 100  
58 57.9 29.0 87.1



#60  
Dibromochloromethane  
Concen: 144.35 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:129 Resp: 583510  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.2 114.6

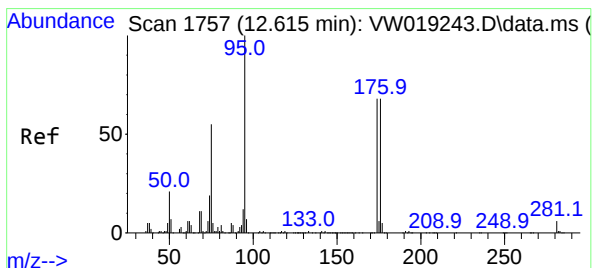
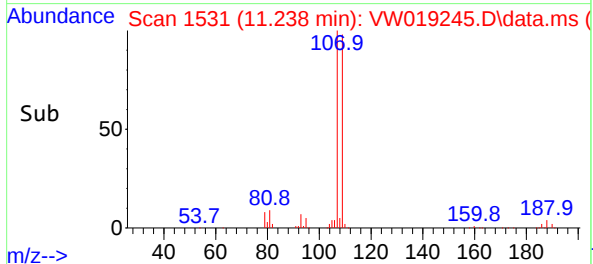
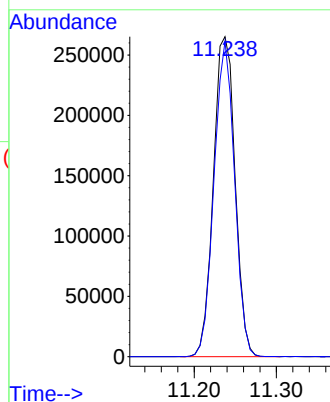
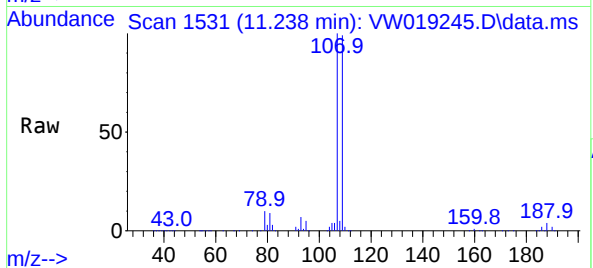




#61  
1,2-Dibromoethane  
Concen: 142.24 ug/l  
RT: 11.238 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

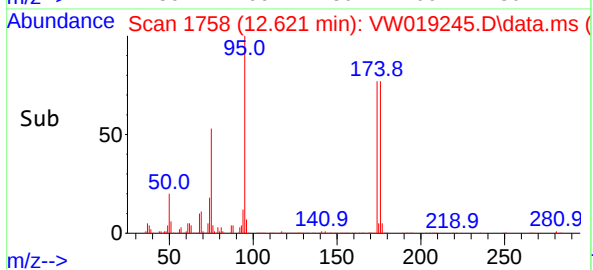
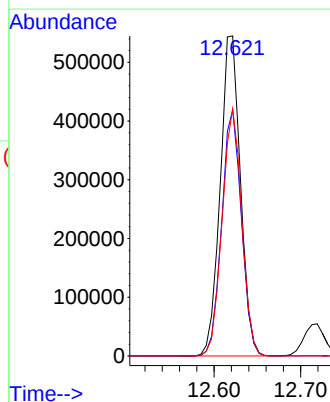
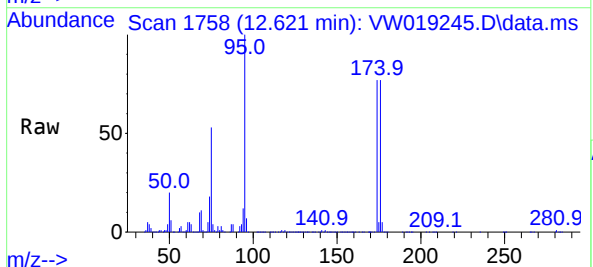
Instrument :  
MSVOA\_W  
ClientSampled :

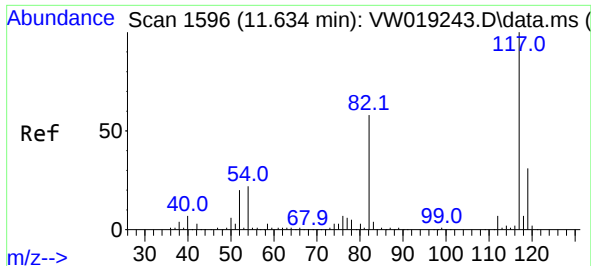
Tgt Ion:107 Resp: 485441  
Ion Ratio Lower Upper  
107 100  
109 93.4 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 134.28 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 95 Resp: 882657  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 156.2  
176 74.8 0.0 160.8

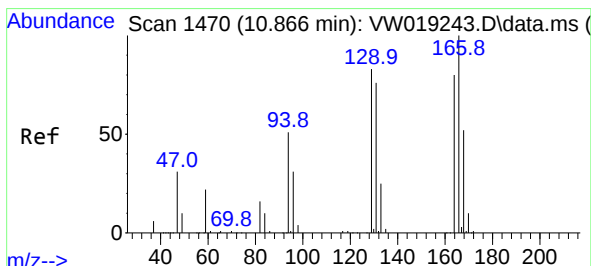
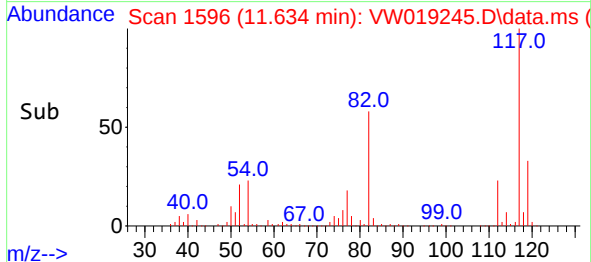
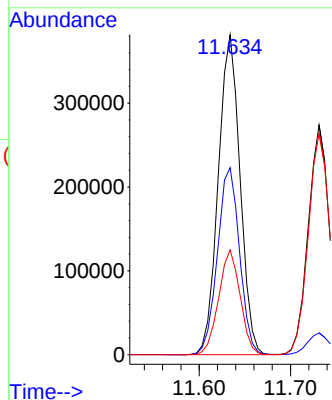
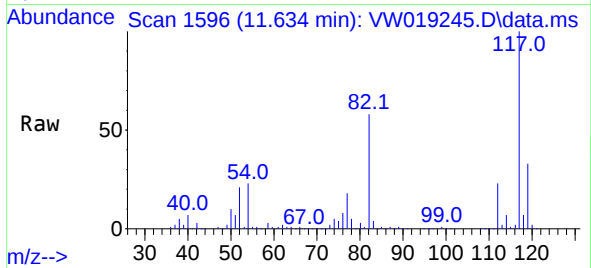




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

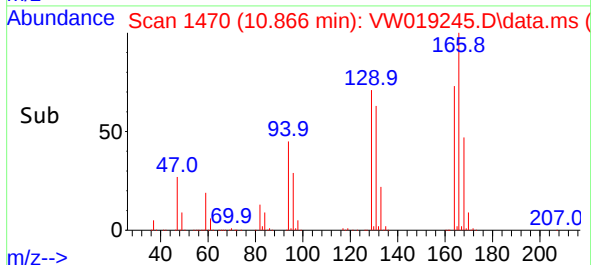
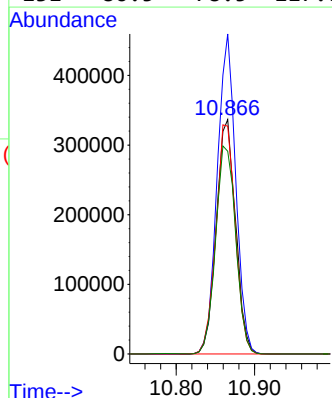
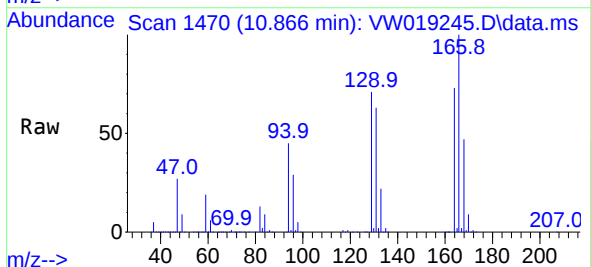
Instrument :  
MSVOA\_W  
ClientSampleId :

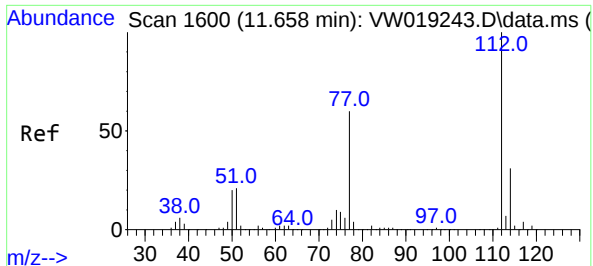
Tgt Ion:117 Resp: 632452  
Ion Ratio Lower Upper  
117 100  
82 58.4 44.4 66.6  
119 32.7 24.6 36.8



#64  
Tetrachloroethene  
Concen: 131.04 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:164 Resp: 577792  
Ion Ratio Lower Upper  
164 100  
166 136.5 107.8 161.8  
129 97.1 77.3 115.9  
131 86.5 78.5 117.7

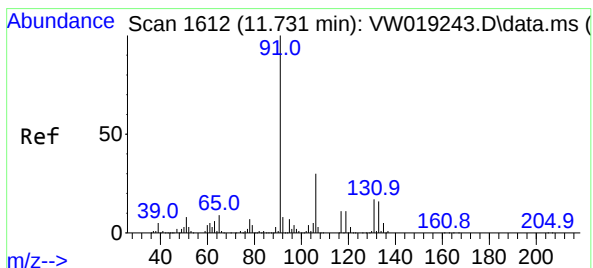
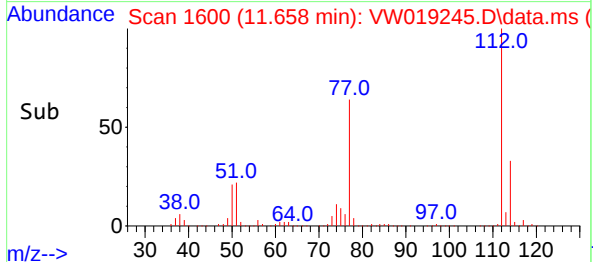
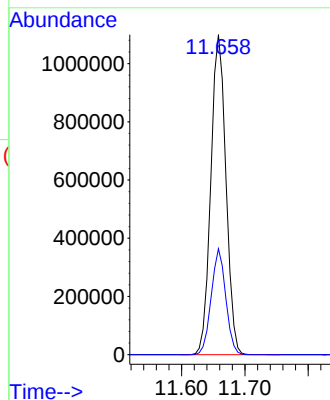
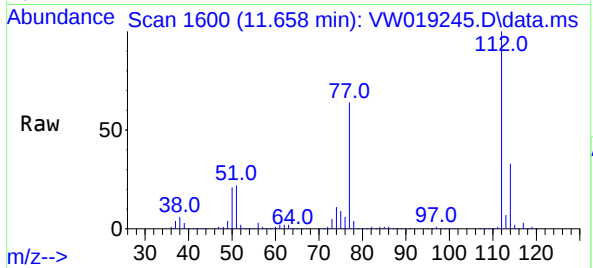




#65  
Chlorobenzene  
Concen: 132.49 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

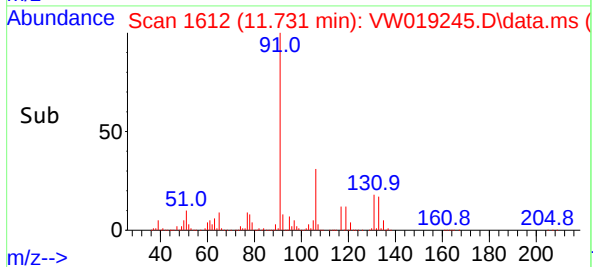
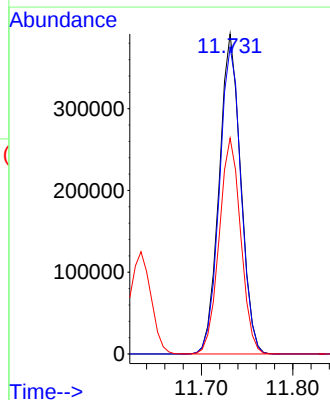
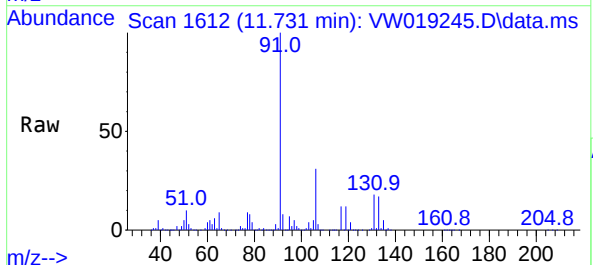
Instrument :  
MSVOA\_W  
ClientSampleId :

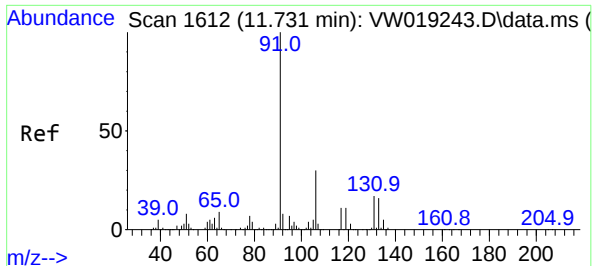
Tgt Ion:112 Resp: 1825207  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 136.96 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:131 Resp: 640393  
Ion Ratio Lower Upper  
131 100  
133 96.5 48.1 144.3  
119 67.5 33.1 99.2

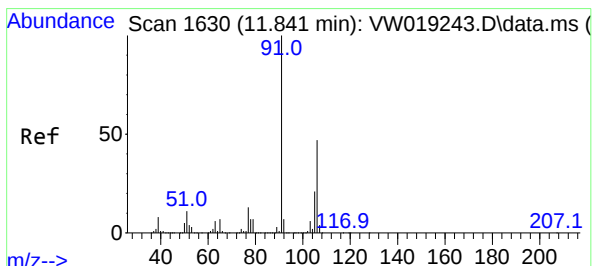
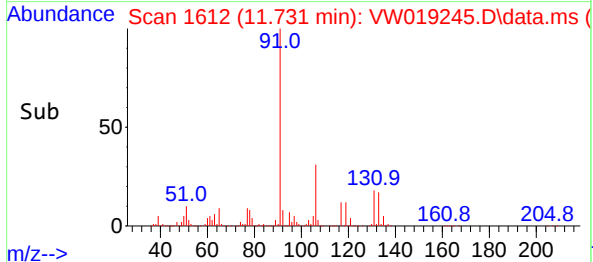
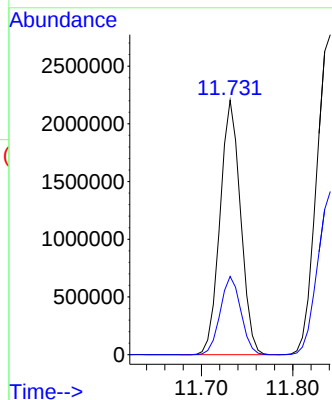
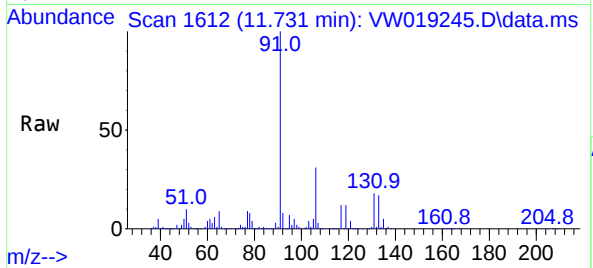




#67  
Ethyl Benzene  
Concen: 132.25 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

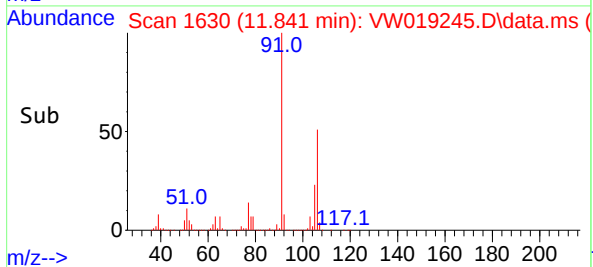
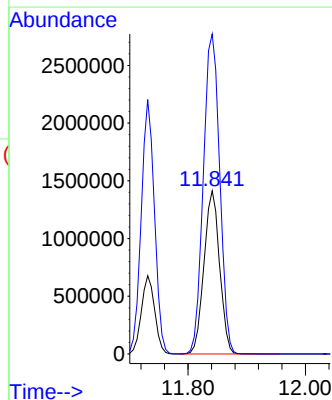
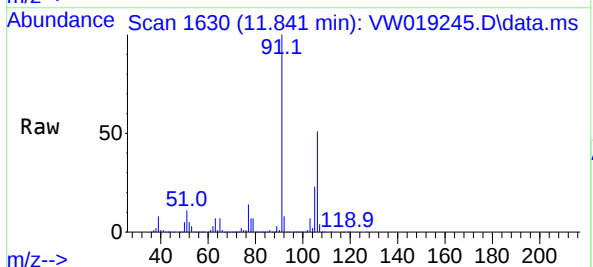
Instrument :  
MSVOA\_W  
ClientSampled :

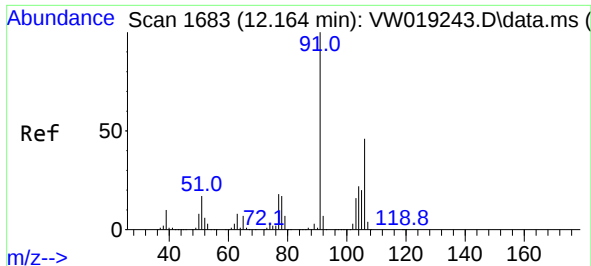
Tgt Ion: 91 Resp: 3447624  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.0 36.0



#68  
m/p-Xylenes  
Concen: 272.10 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:106 Resp: 2606606  
Ion Ratio Lower Upper  
106 100  
91 205.8 164.2 246.2

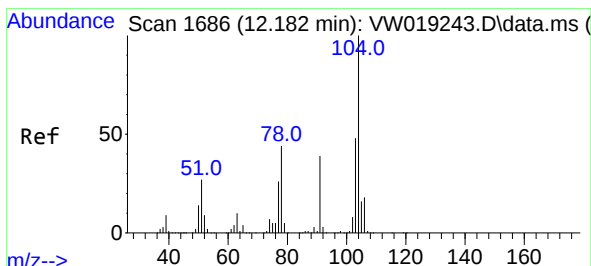
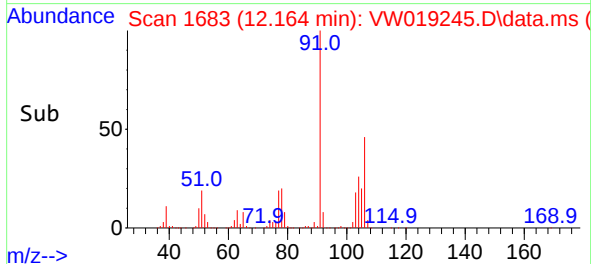
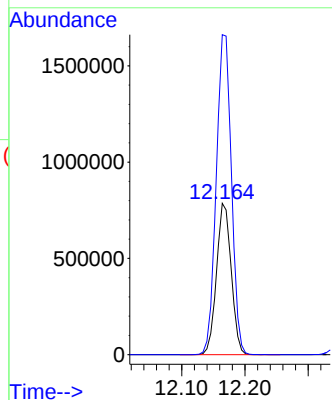
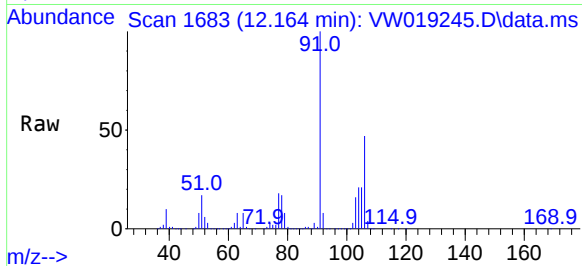




#69  
o-Xylene  
Concen: 139.24 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

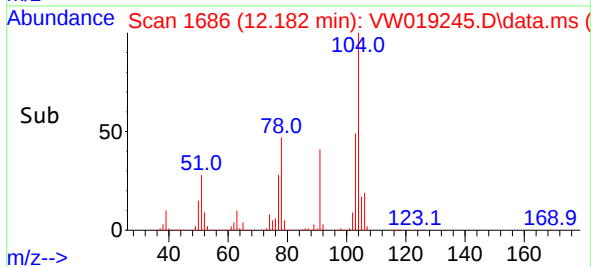
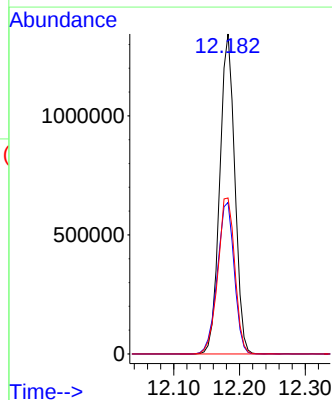
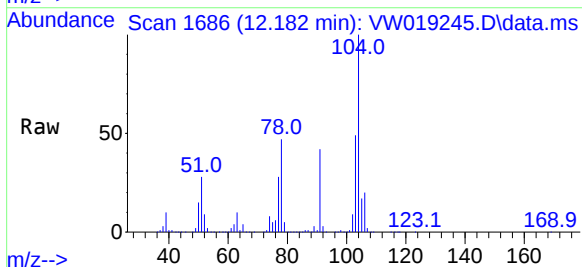
Instrument :  
MSVOA\_W  
ClientSampled :

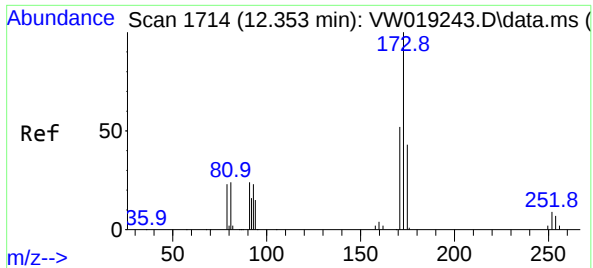
Tgt Ion:106 Resp: 1263143  
Ion Ratio Lower Upper  
106 100  
91 218.3 109.1 327.2



#70  
Styrene  
Concen: 142.13 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:104 Resp: 2144950  
Ion Ratio Lower Upper  
104 100  
78 53.1 41.3 61.9  
103 54.7 44.1 66.1

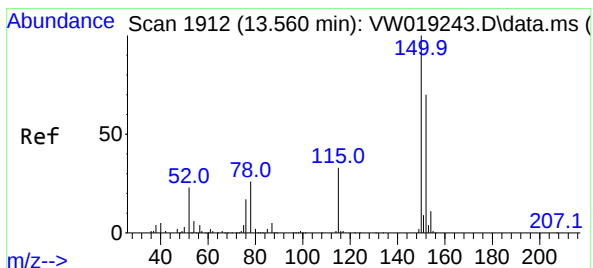
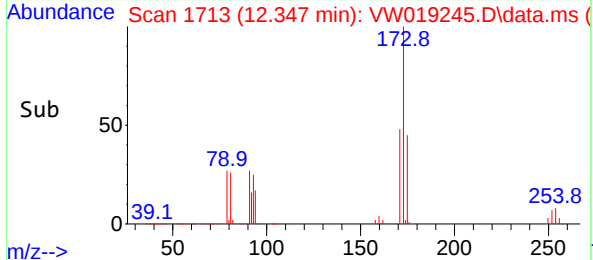
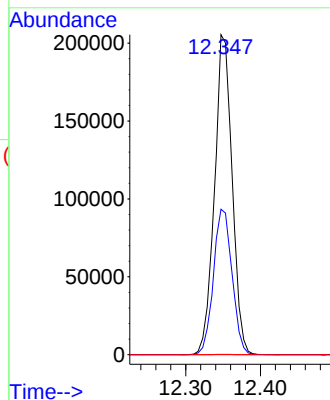
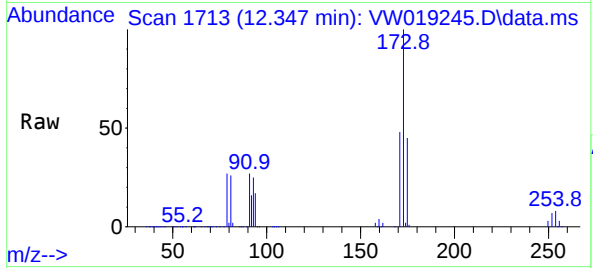




#71  
Bromoform  
Concen: 148.72 ug/l  
RT: 12.347 min Scan# 1713  
Delta R.T. -0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

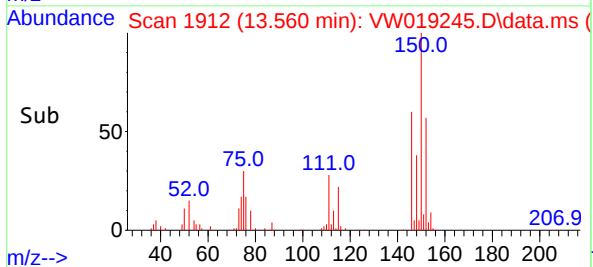
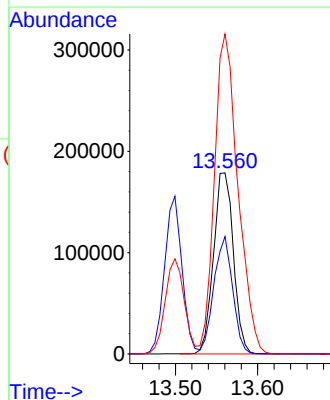
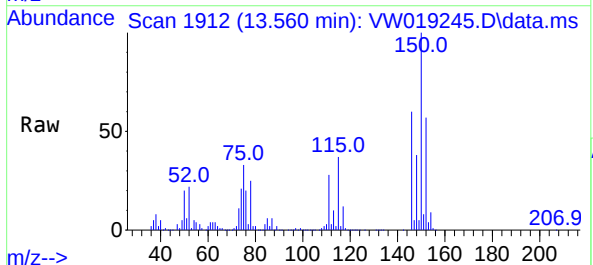
Instrument :  
MSVOA\_W  
ClientSampled :

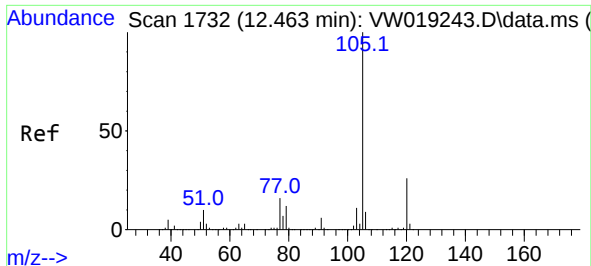
Tgt Ion:173 Resp: 336763  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.6 73.8  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:152 Resp: 300281  
Ion Ratio Lower Upper  
152 100  
115 61.0 30.3 90.8  
150 209.3 0.0 356.0

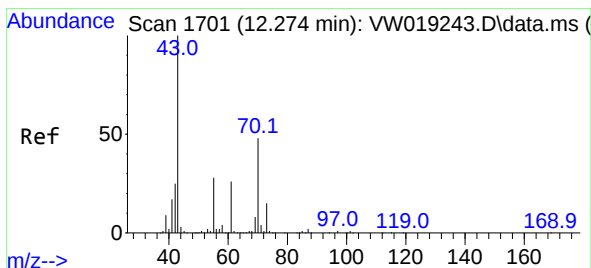
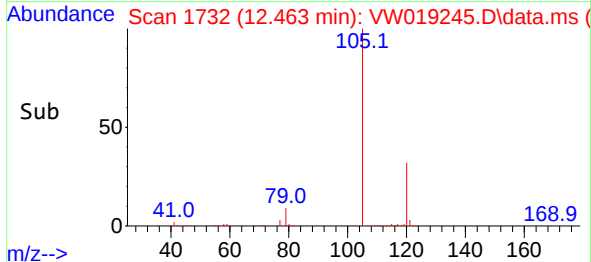
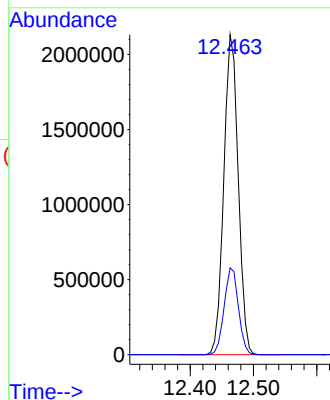
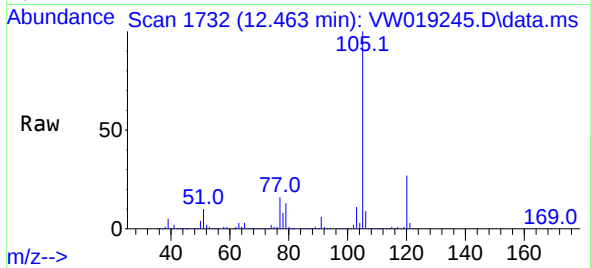




#73  
Isopropylbenzene  
Concen: 139.48 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

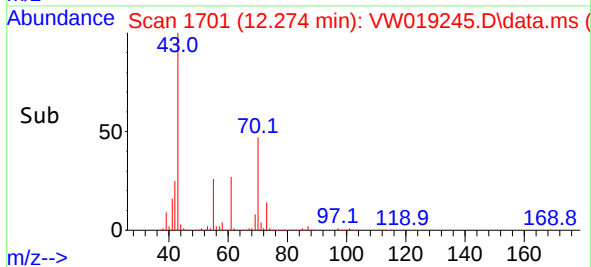
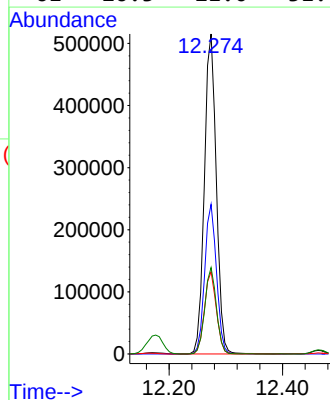
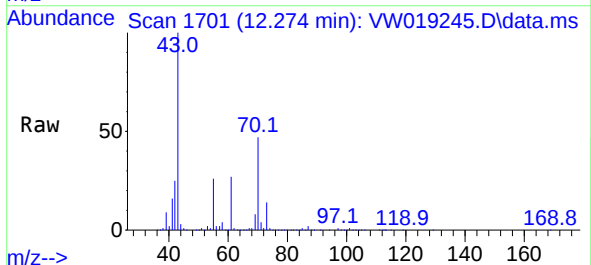
Instrument :  
MSVOA\_W  
ClientSampleId :

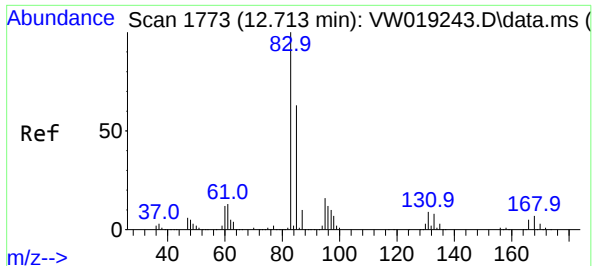
Tgt Ion:105 Resp: 3358575  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.2 39.5



#74  
N-ethyl acetate  
Concen: 156.36 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 43 Resp: 752042  
Ion Ratio Lower Upper  
43 100  
70 46.4 38.4 57.6  
55 25.6 21.6 32.4  
61 26.3 21.0 31.4

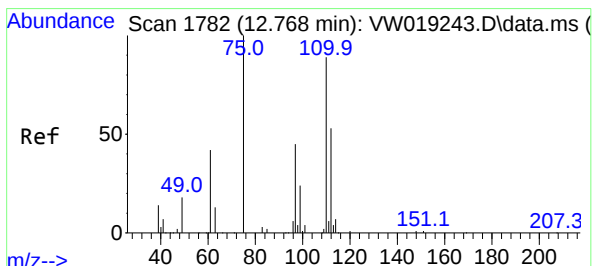
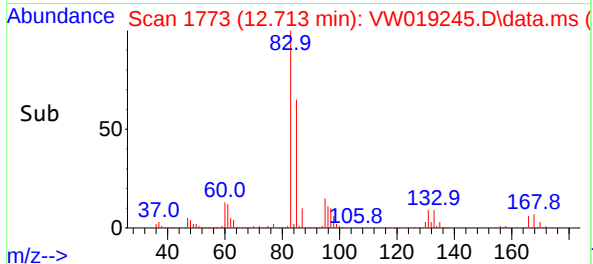
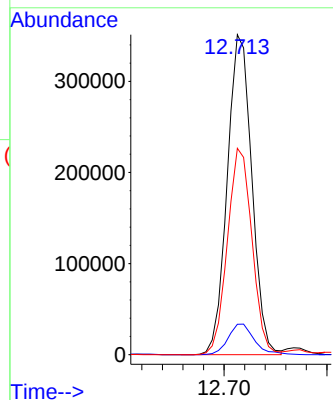
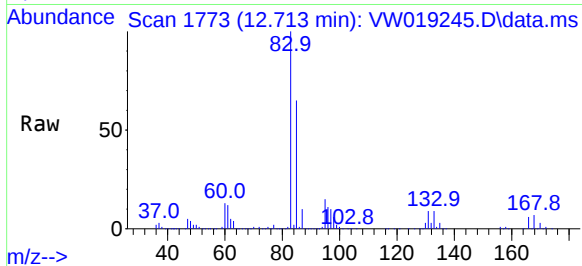




#75  
1,1,2,2-Tetrachloroethane  
Concen: 142.08 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

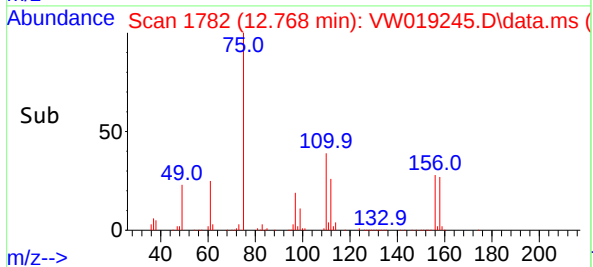
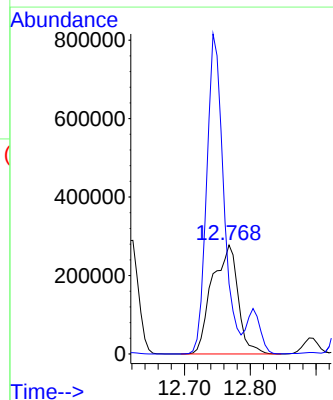
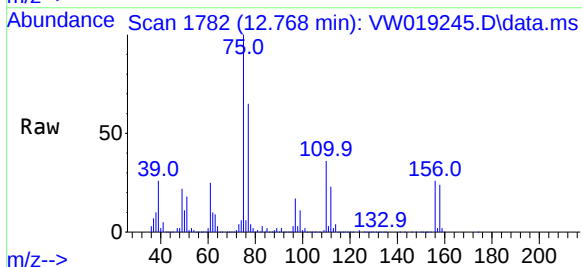
Instrument :  
MSVOA\_W  
ClientSampleId :

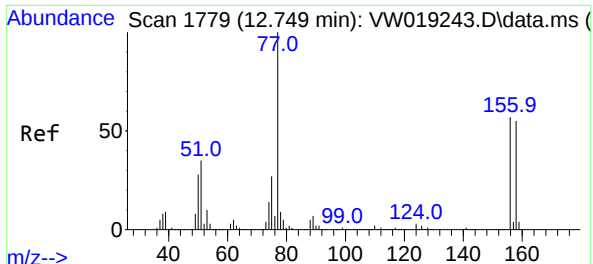
Tgt Ion: 83 Resp: 582837  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.1 15.2  
85 64.6 31.6 94.8



#76  
1,2,3-Trichloropropane  
Concen: 269.41 ug/l  
RT: 12.768 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 75 Resp: 761606  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

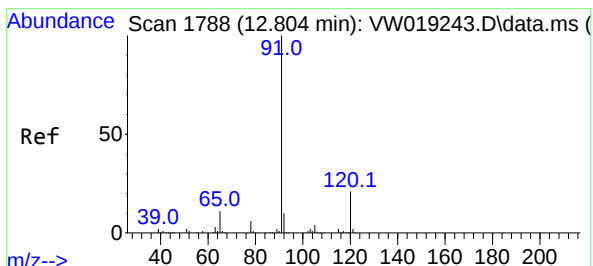
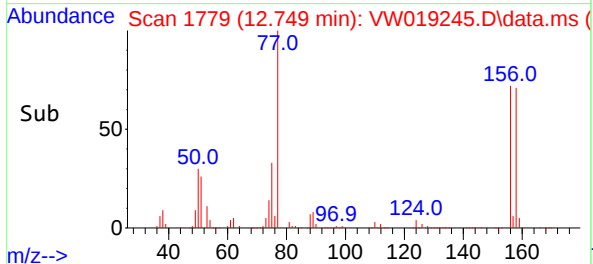
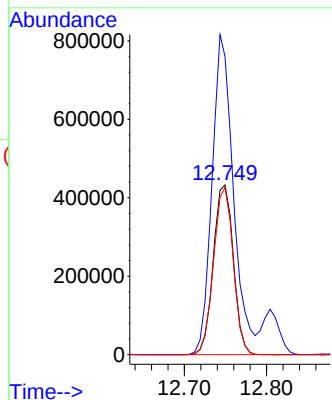
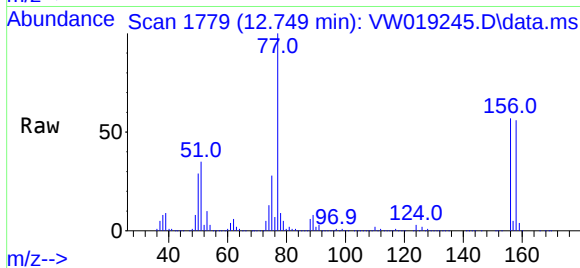




#77  
Bromobenzene  
Concen: 142.63 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

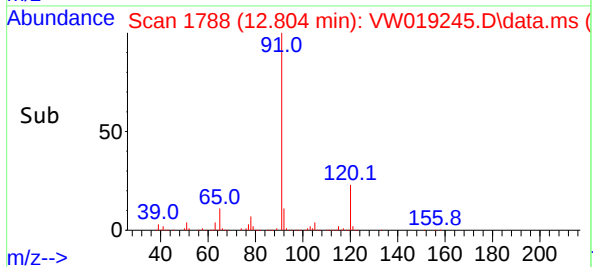
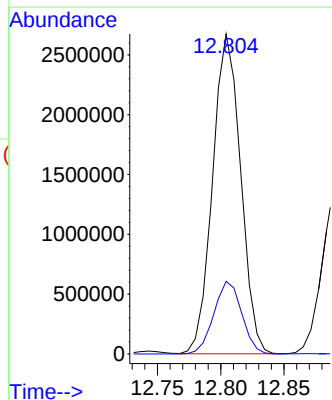
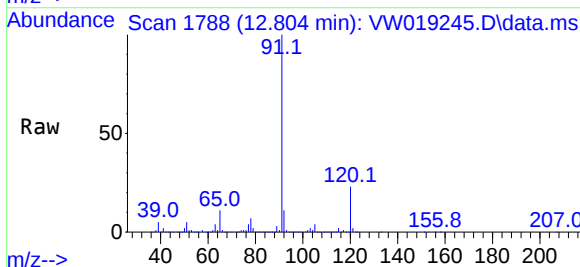
Instrument :  
MSVOA\_W  
ClientSampled :

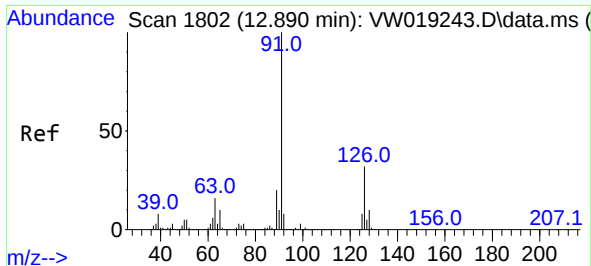
Tgt Ion:156 Resp: 733030  
Ion Ratio Lower Upper  
156 100  
77 199.8 96.7 290.0  
158 96.6 48.4 145.3



#78  
n-propylbenzene  
Concen: 137.88 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 91 Resp: 4116756  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.1 33.3

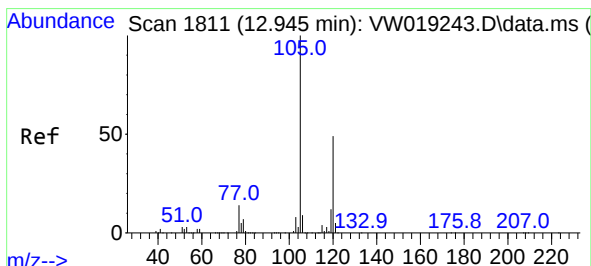
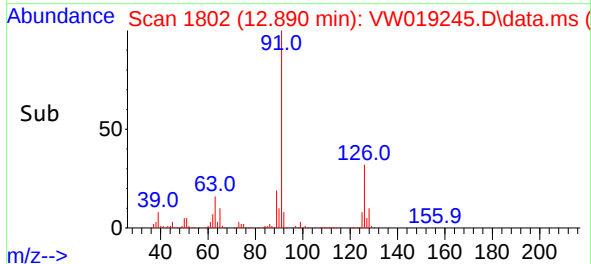
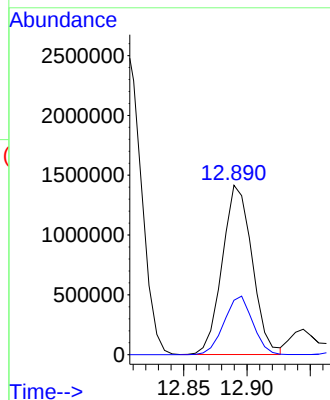
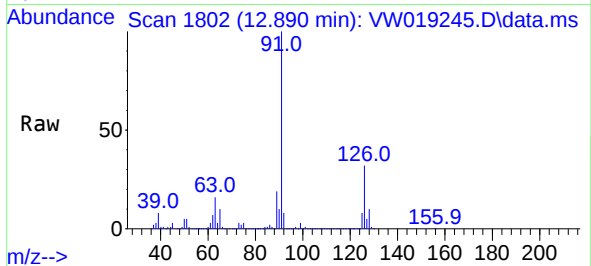




#79  
2-Chlorotoluene  
Concen: 138.18 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

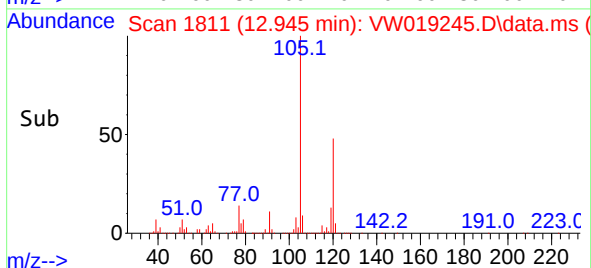
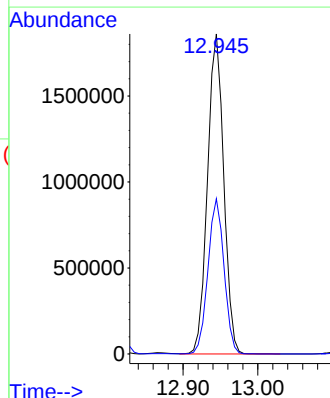
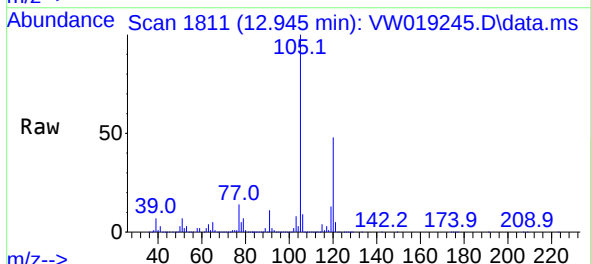
Instrument :  
MSVOA\_W  
ClientSampled :

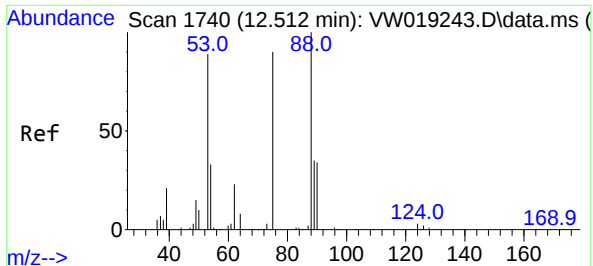
Tgt Ion: 91 Resp: 2331343  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.5 49.5



#80  
1,3,5-Trimethylbenzene  
Concen: 138.32 ug/l  
RT: 12.945 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

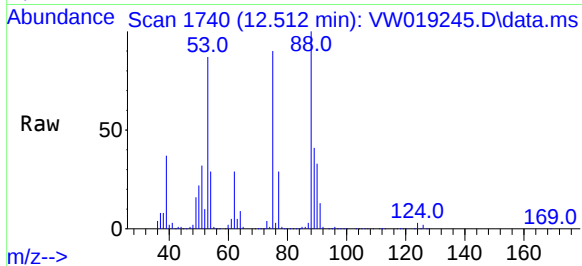
Tgt Ion:105 Resp: 2801257  
Ion Ratio Lower Upper  
105 100  
120 48.1 24.1 72.2



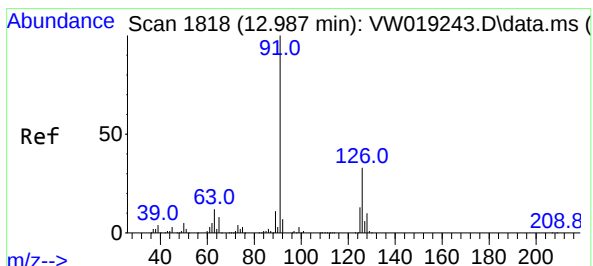
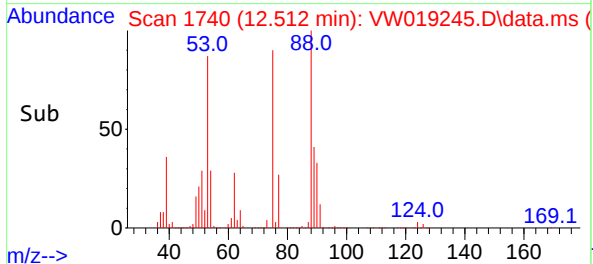
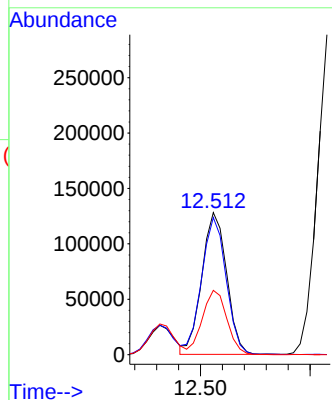


#81  
trans-1,4-Dichloro-2-butene  
Concen: 161.43 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampleId :

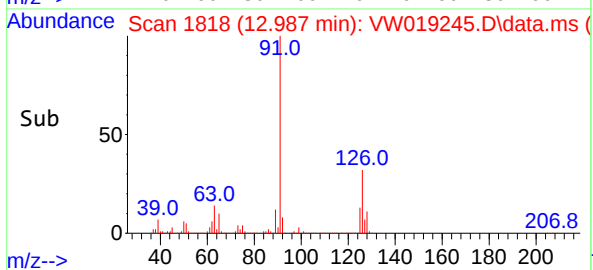
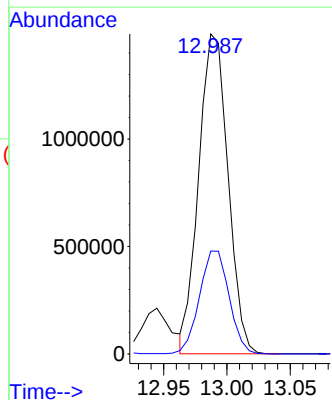
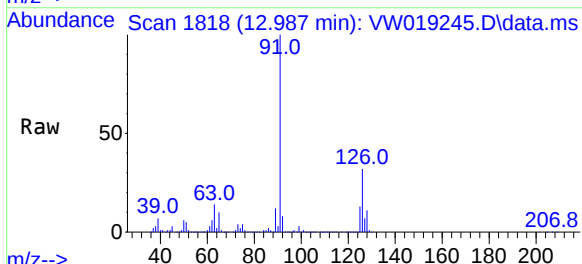


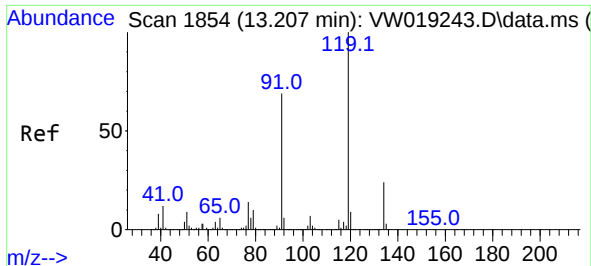
Tgt Ion: 75 Resp: 201280  
Ion Ratio Lower Upper  
75 100  
53 96.5 81.5 122.3  
89 44.9 36.3 54.5



#82  
4-Chlorotoluene  
Concen: 135.08 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

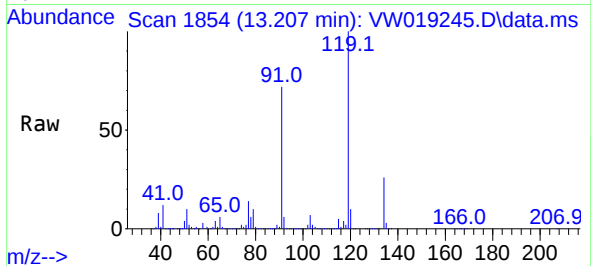
Tgt Ion: 91 Resp: 2400782  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.1 48.2





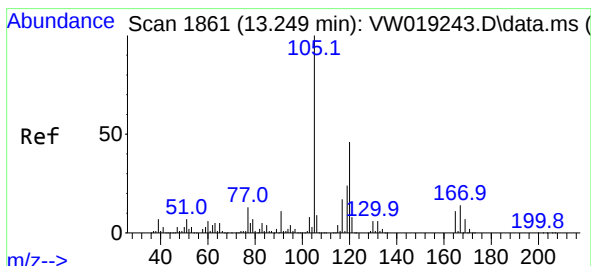
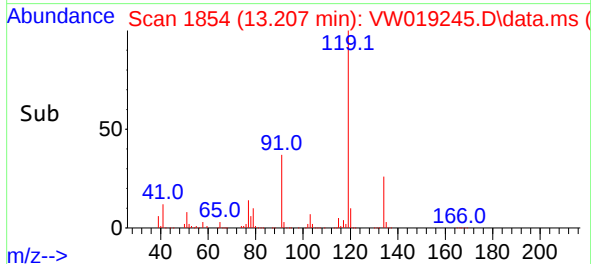
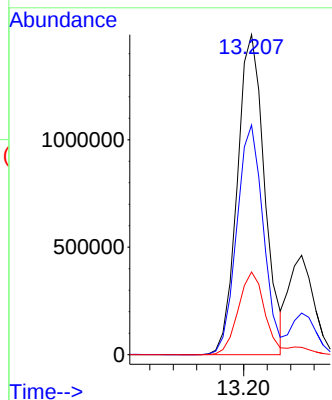
#83  
tert-Butylbenzene  
Concen: 139.08 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampleId :



Tgt Ion:119 Resp: 2399829  

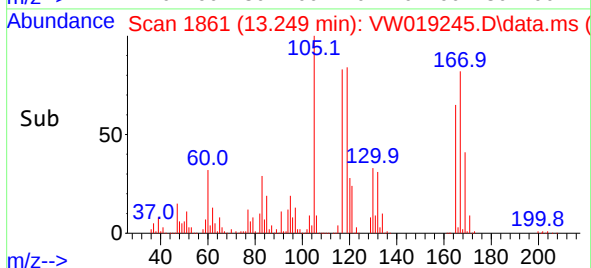
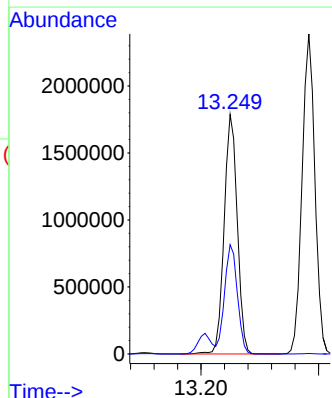
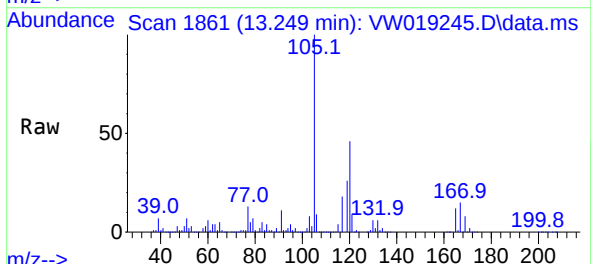
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 69.9  | 34.0  | 102.0 |
| 134 | 25.3  | 13.0  | 38.9  |

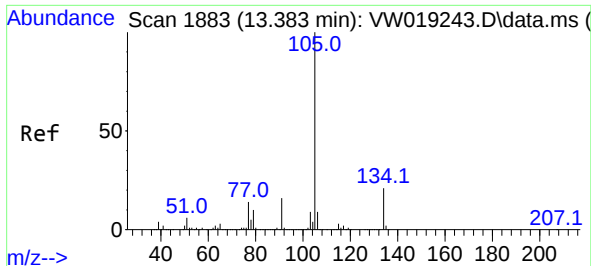


#84  
1,2,4-Trimethylbenzene  
Concen: 137.05 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:105 Resp: 2768778  

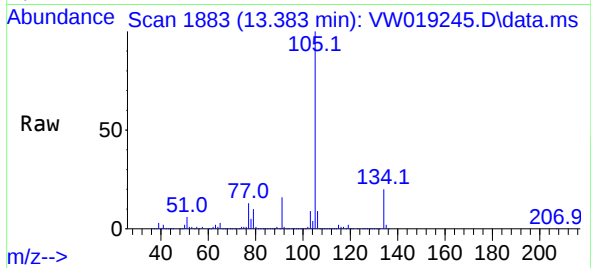
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 44.6  | 22.4  | 67.0  |



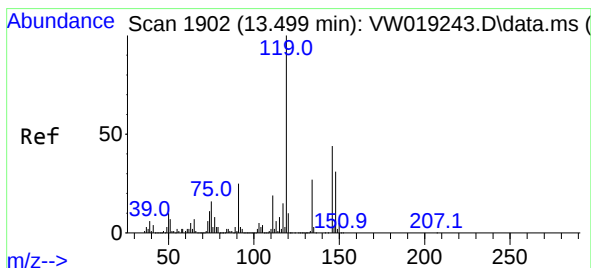
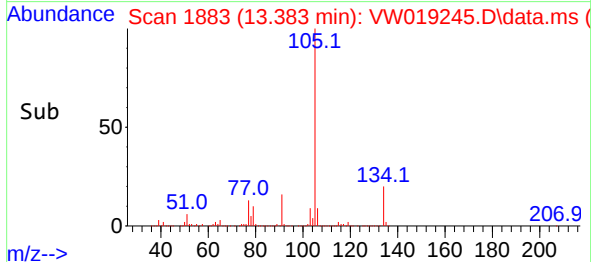
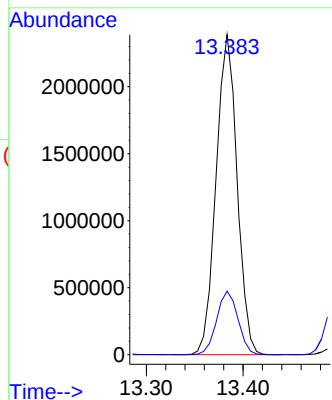


#85  
 sec-Butylbenzene  
 Concen: 138.18 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VW019245.D  
 Acq: 21 Jun 2021 11:49

Instrument :  
 MSVOA\_W  
 ClientSampled :

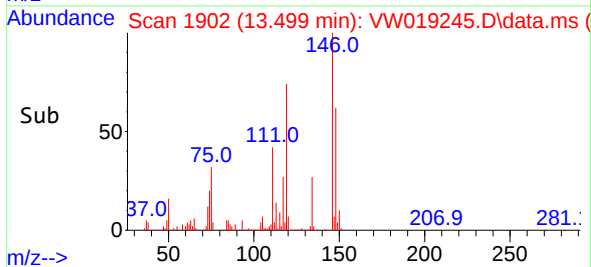
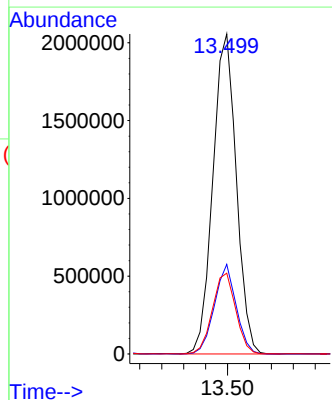
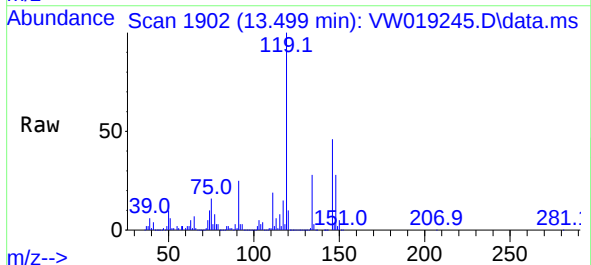


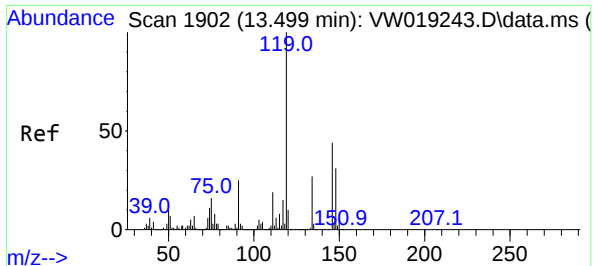
Tgt Ion:105 Resp: 3601429  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 138.90 ug/l  
 RT: 13.499 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: VW019245.D  
 Acq: 21 Jun 2021 11:49

Tgt Ion:119 Resp: 3045503  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.8 38.3  
 91 25.1 12.1 36.3

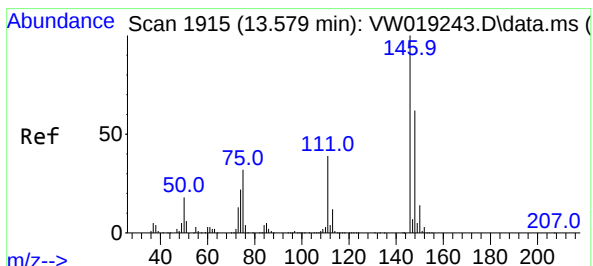
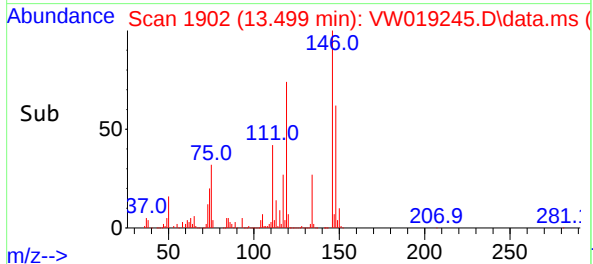
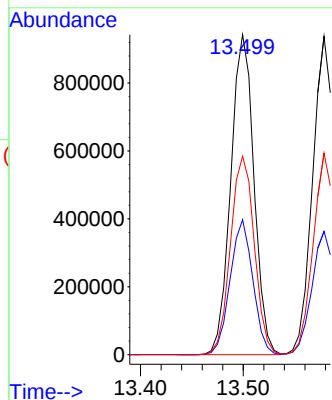
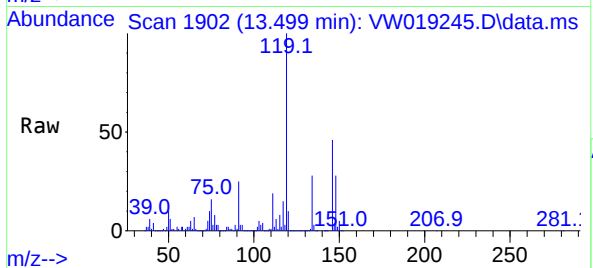




#87

1,3-Dichlorobenzene  
Concen: 138.64 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

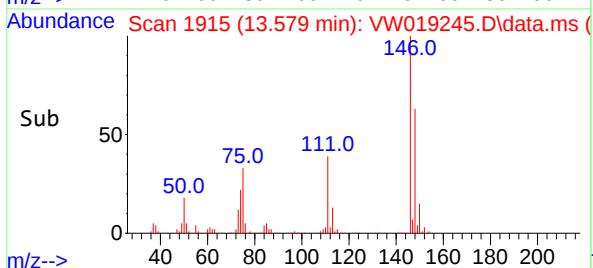
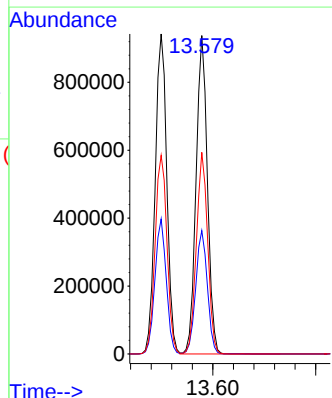
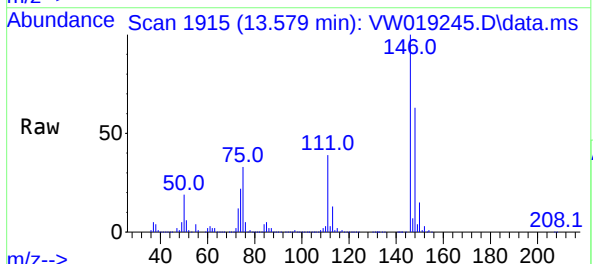
Tgt Ion:146 Resp: 1477330  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.7 62.1  
148 63.6 31.8 95.3

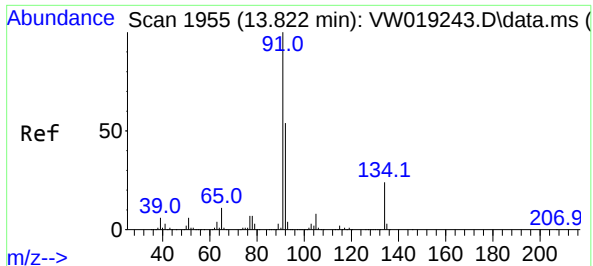


#88

1,4-Dichlorobenzene  
Concen: 137.10 ug/l  
RT: 13.579 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

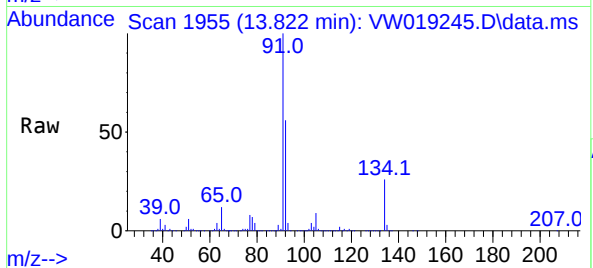
Tgt Ion:146 Resp: 1438093  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.1 60.3  
148 63.4 32.4 97.2



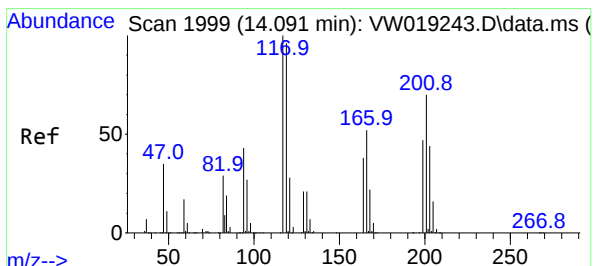
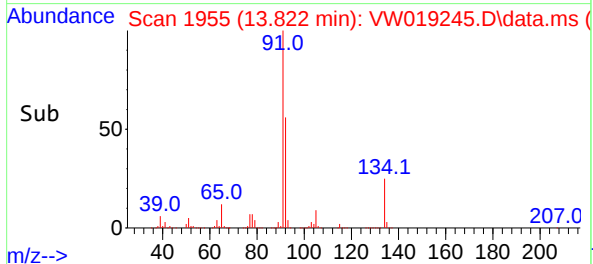
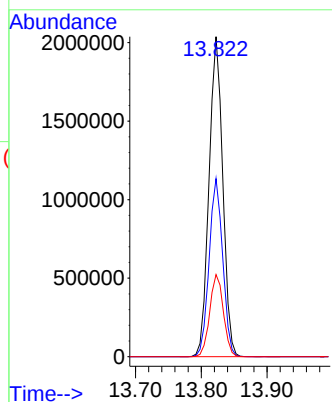


#89  
n-Butylbenzene  
Concen: 134.49 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampleId :

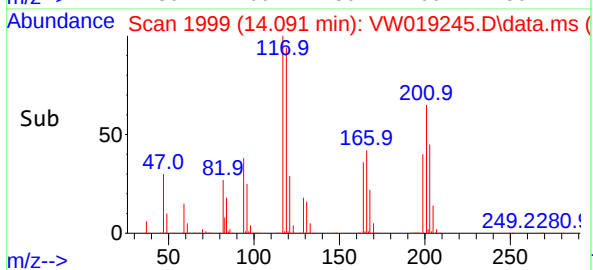
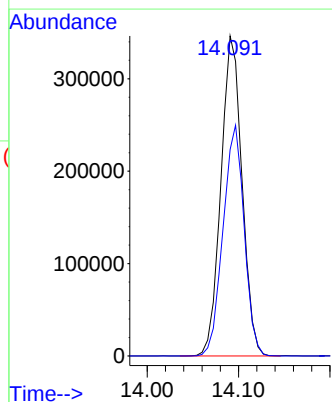
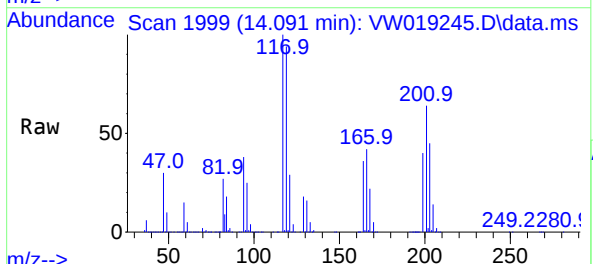


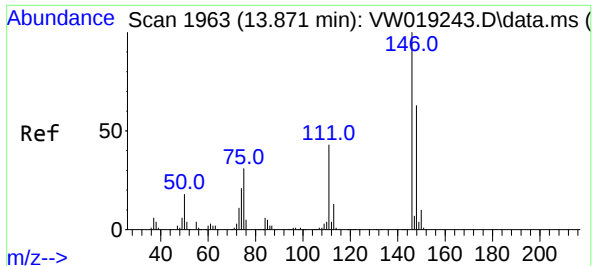
Tgt Ion: 91 Resp: 2959788  
Ion Ratio Lower Upper  
91 100  
92 55.1 26.6 79.8  
134 25.6 12.7 38.0



#90  
Hexachloroethane  
Concen: 157.38 ug/l  
RT: 14.091 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 117 Resp: 555323  
Ion Ratio Lower Upper  
117 100  
201 72.2 38.4 115.2

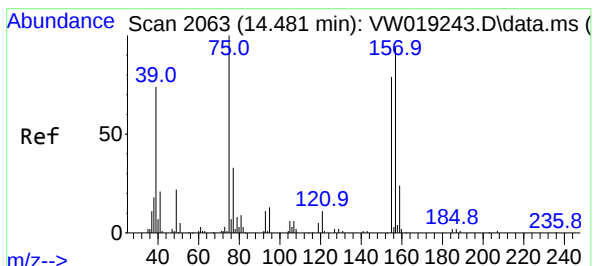
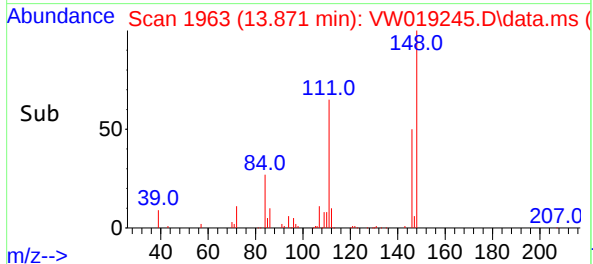
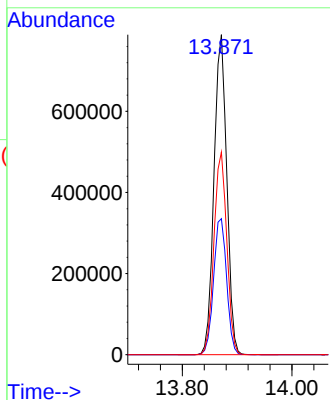
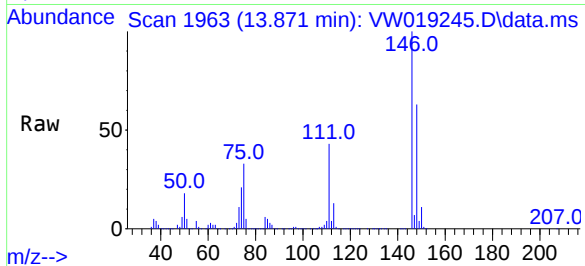




#91  
1,2-Dichlorobenzene  
Concen: 137.42 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

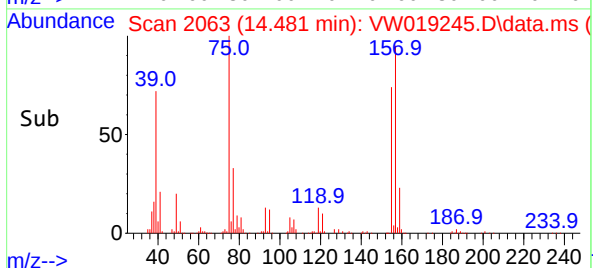
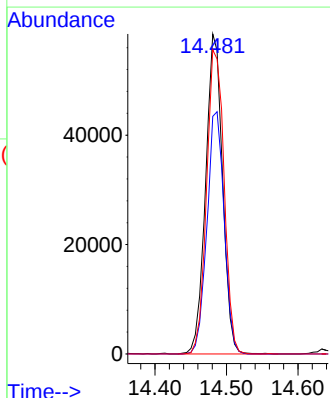
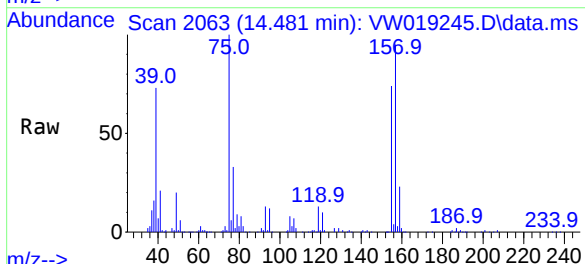
Instrument :  
MSVOA\_W  
ClientSampleId :

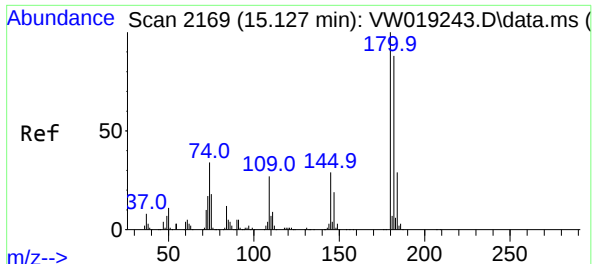
Tgt Ion:146 Resp: 1272454  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.1 63.1  
148 63.8 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 147.87 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion: 75 Resp: 96040  
Ion Ratio Lower Upper  
75 100  
155 76.9 41.3 124.1  
157 98.1 51.2 153.6

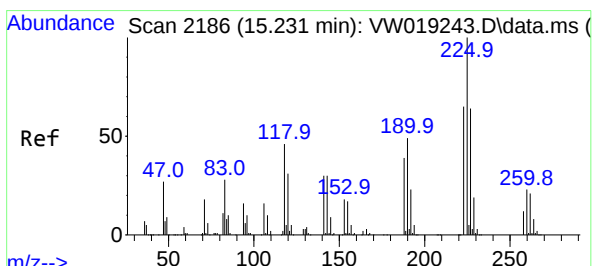
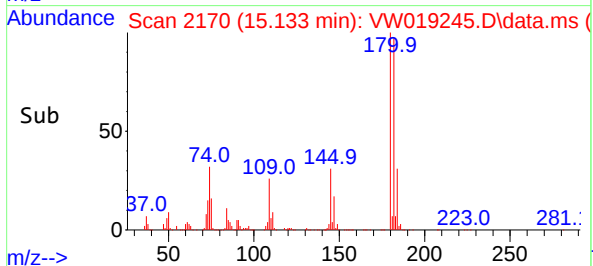
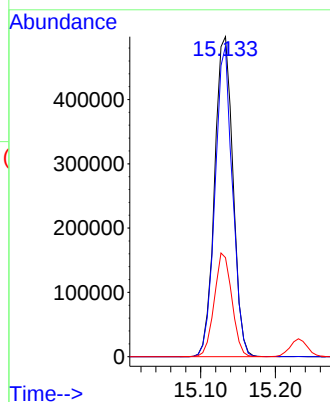
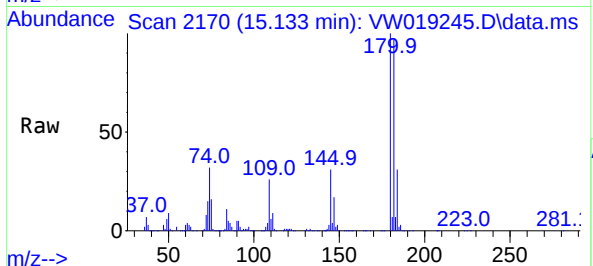




#93  
1,2,4-Trichlorobenzene  
Concen: 132.85 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

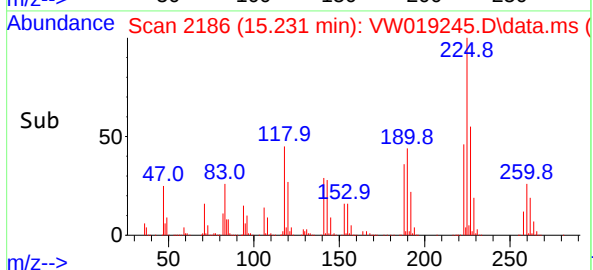
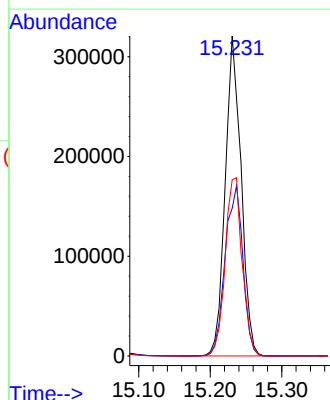
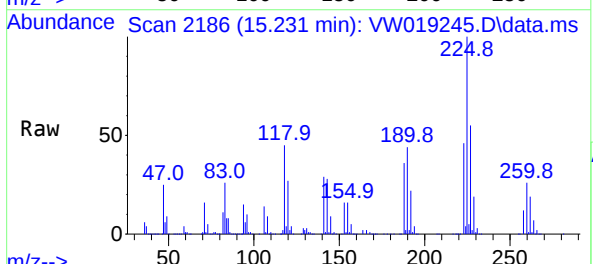
Instrument :  
MSVOA\_W  
ClientSampled :

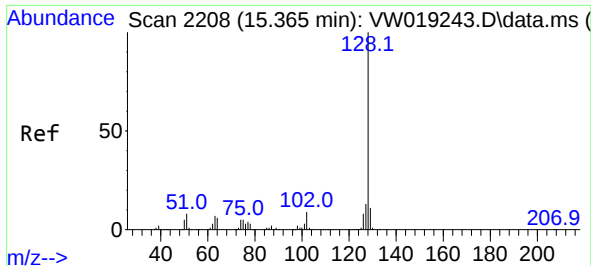
Tgt Ion:180 Resp: 847149  
Ion Ratio Lower Upper  
180 100  
182 92.2 48.9 146.7  
145 31.2 15.4 46.1



#94  
Hexachlorobutadiene  
Concen: 137.43 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

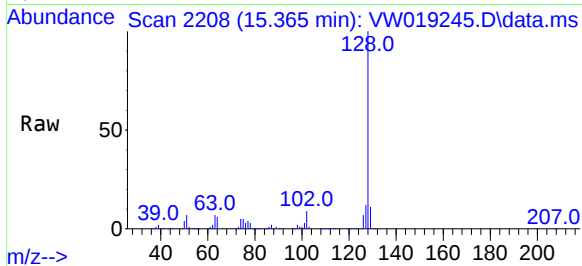
Tgt Ion:225 Resp: 495291  
Ion Ratio Lower Upper  
225 100  
223 59.2 29.6 88.8  
227 59.9 30.4 91.3





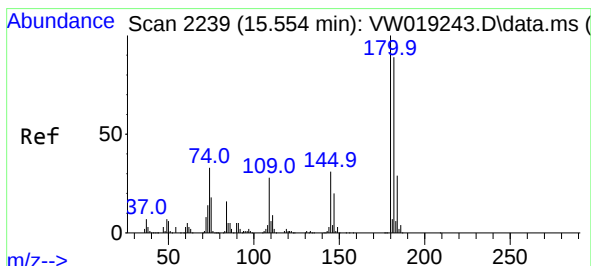
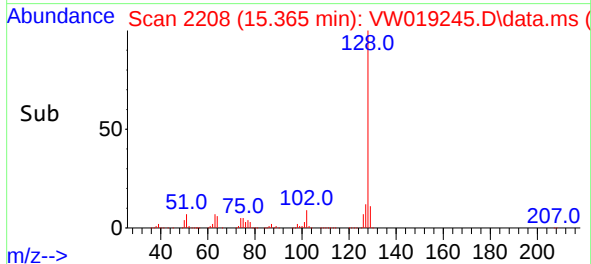
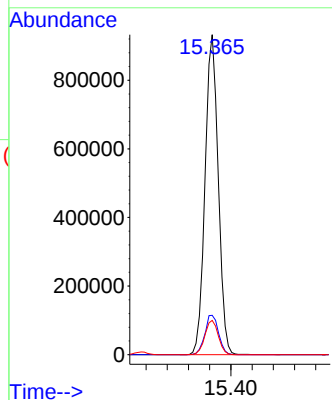
#95  
Naphthalene  
Concen: 143.83 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Instrument :  
MSVOA\_W  
ClientSampled :



Tgt Ion:128 Resp: 1607044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.8  | 10.4  | 15.6  |
| 129 | 10.9  | 8.5   | 12.7  |



#96  
1,2,3-Trichlorobenzene  
Concen: 132.44 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. 0.000 min  
Lab File: VW019245.D  
Acq: 21 Jun 2021 11:49

Tgt Ion:180 Resp: 715027

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 98.2  | 47.4  | 142.3 |
| 145 | 33.6  | 16.1  | 48.2  |

