

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032521\  
 Data File : VY004194.D  
 Acq On : 25 Mar 2021 10:35  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Mar 26 01:10:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 08 12:28:55 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 202265   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 312054   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 278275   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 141313   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 95791    | 47.99    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 95.98%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 90207    | 51.26    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 102.52% |
| 50) Toluene-d8              | 10.185 | 98    | 340293   | 49.33    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 98.66%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 122996   | 48.27    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.54%  |

|                              |       |     |        |        |           |
|------------------------------|-------|-----|--------|--------|-----------|
| Target Compounds             |       |     |        |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 66329  | 47.26  | ug/l 97   |
| 3) Chloromethane             | 2.119 | 50  | 91663  | 46.99  | ug/l 95   |
| 4) Vinyl Chloride            | 2.260 | 62  | 107852 | 44.12  | ug/l 96   |
| 5) Bromomethane              | 2.656 | 94  | 72684  | 46.54  | ug/l 98   |
| 6) Chloroethane              | 2.802 | 64  | 70821  | 47.57  | ug/l 100  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 161907 | 49.84  | ug/l 100  |
| 8) Diethyl Ether             | 3.534 | 74  | 51797  | 49.74  | ug/l 86   |
| 9) 1,1,2-Trichlorotrifluo... | 3.906 | 101 | 90636  | 49.88  | ug/l 99   |
| 10) Methyl Iodide            | 4.101 | 142 | 97897  | 52.72  | ug/l 99   |
| 11) Tert butyl alcohol       | 4.960 | 59  | 45474  | 251.98 | ug/l 97   |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 85989  | 48.35  | ug/l 97   |
| 13) Acrolein                 | 3.735 | 56  | 33818  | 188.91 | ug/l 97   |
| 14) Allyl chloride           | 4.485 | 41  | 133922 | 45.53  | ug/l # 88 |
| 15) Acrylonitrile            | 5.174 | 53  | 124070 | 239.73 | ug/l 99   |
| 16) Acetone                  | 3.954 | 43  | 133077 | 276.21 | ug/l 89   |
| 17) Carbon Disulfide         | 4.204 | 76  | 222695 | 42.59  | ug/l 98   |
| 18) Methyl Acetate           | 4.485 | 43  | 59709  | 50.16  | ug/l 93   |
| 19) Methyl tert-butyl Ether  | 5.229 | 73  | 255715 | 50.50  | ug/l 99   |
| 20) Methylene Chloride       | 4.729 | 84  | 97939  | 50.60  | ug/l 95   |
| 21) trans-1,2-Dichloroethene | 5.229 | 96  | 97394  | 48.74  | ug/l 94   |
| 22) Diisopropyl ether        | 6.131 | 45  | 299093 | 48.18  | ug/l 98   |
| 23) Vinyl Acetate            | 6.070 | 43  | 964515 | 235.99 | ug/l 96   |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 170508 | 49.46  | ug/l 99   |
| 25) 2-Butanone               | 6.997 | 43  | 173003 | 249.09 | ug/l 91   |
| 26) 2,2-Dichloropropane      | 6.997 | 77  | 167917 | 51.00  | ug/l 99   |
| 27) cis-1,2-Dichloroethene   | 6.997 | 96  | 114333 | 50.26  | ug/l 93   |
| 28) Bromochloromethane       | 7.344 | 49  | 69208  | 45.97  | ug/l 88   |
| 29) Tetrahydrofuran          | 7.356 | 42  | 104502 | 231.61 | ug/l 92   |
| 30) Chloroform               | 7.515 | 83  | 183289 | 51.31  | ug/l 97   |
| 31) Cyclohexane              | 7.789 | 56  | 150156 | 42.88  | ug/l 92   |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 170620 | 51.49  | ug/l 99   |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 139564 | 50.91  | ug/l 98   |
| 37) Ethyl Acetate            | 7.082 | 43  | 72126  | 48.84  | ug/l 98   |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 155900 | 53.60  | ug/l 98   |
| 39) Methylcyclohexane        | 9.185 | 83  | 172053 | 48.59  | ug/l 93   |
| 40) Benzene                  | 8.167 | 78  | 395241 | 51.18  | ug/l 97   |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Mar 26 01:10:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 08 12:28:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 100584   | 109.92  | ug/l # | 43       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 123581   | 52.35   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 142686   | 48.15   | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 121498   | 54.32   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 97795    | 50.72   | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 58088    | 52.69   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.502  | 83   | 144495   | 52.51   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.295  | 41   | 67211    | 47.74   | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 14780    | 1053.23 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 373575   | 248.93  | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 260520   | 52.09   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 150500   | 51.84   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 167551   | 51.50   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 81936    | 52.85   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 109496   | 50.53   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 140348   | 52.87   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 211683   | 249.59  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 266011   | 252.29  | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.990 | 129  | 106936   | 54.94   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 81058    | 53.70   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 135946   | 58.36   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.520 | 112  | 287617   | 53.94   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 109145   | 54.71   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 517355   | 52.84   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 398065   | 106.61  | ug/l   | 93       |
| 69) o-Xylene                  | 12.032 | 106  | 186804   | 52.92   | ug/l   | 95       |
| 70) Styrene                   | 12.044 | 104  | 319546   | 52.87   | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 65505    | 54.88   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 514925   | 52.43   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 133243   | 47.37   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 84212    | 49.36   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 128729   | 95.00   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 122390   | 53.94   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 599321   | 51.80   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 331756   | 51.07   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 433166   | 52.00   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 33401    | 48.65   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 346065   | 50.33   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 384155   | 53.60   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 435710   | 52.23   | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 521301   | 52.75   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 488254   | 53.29   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 235681   | 53.81   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 233379   | 53.38   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 450899   | 51.71   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 87998    | 53.45   | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 211725   | 54.50   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 15877    | 49.25   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 146224   | 55.50   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 80855    | 54.74   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 279866   | 53.61   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 122721   | 55.40   | ug/l   | 98       |

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Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

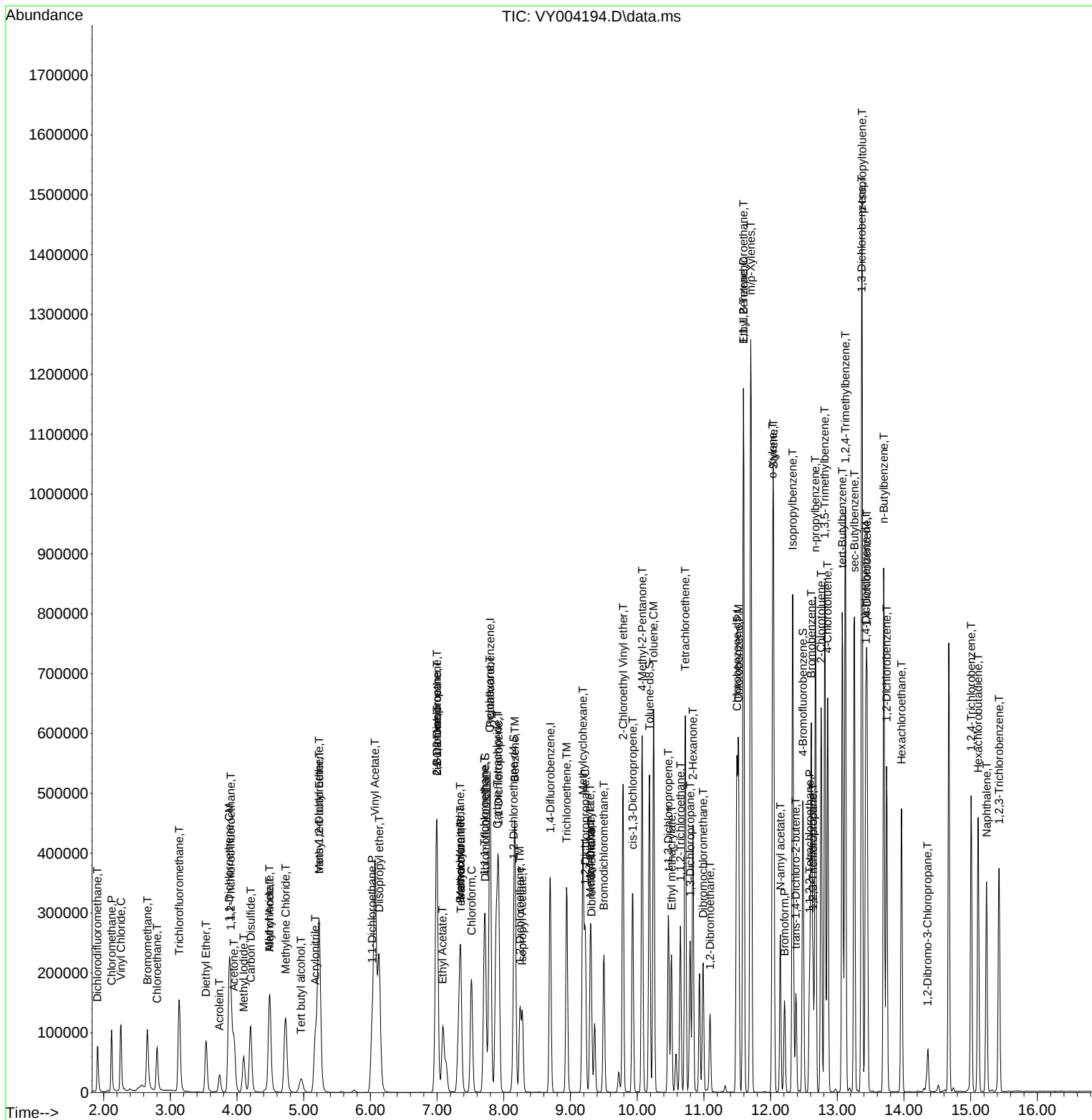
Instrument :  
MSVOA\_Y  
ClientSampleId :

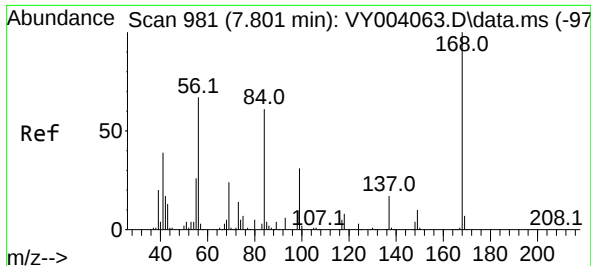
Quant Time: Mar 26 01:10:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 08 12:28:55 2021  
Response via : Initial Calibration

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

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

Quant Time: Mar 26 01:10:57 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030821S.M  
Quant Title : SW846 8260  
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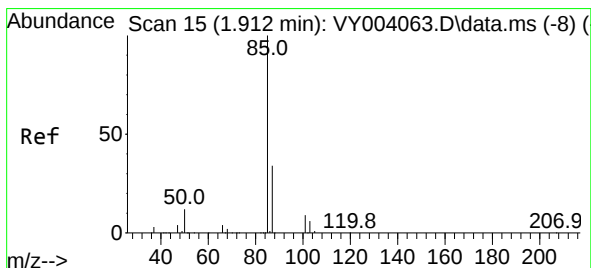
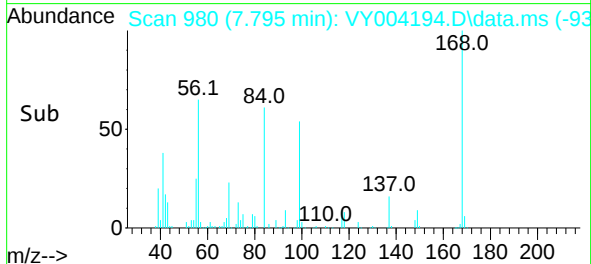
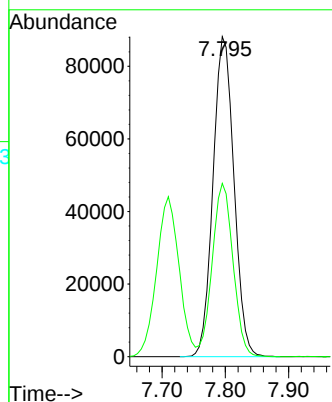
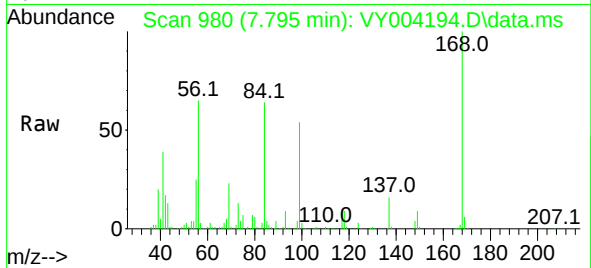




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

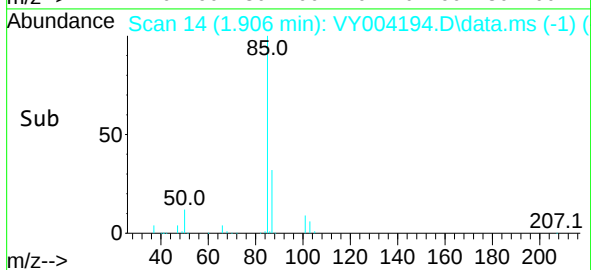
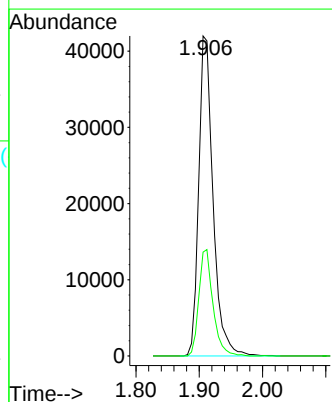
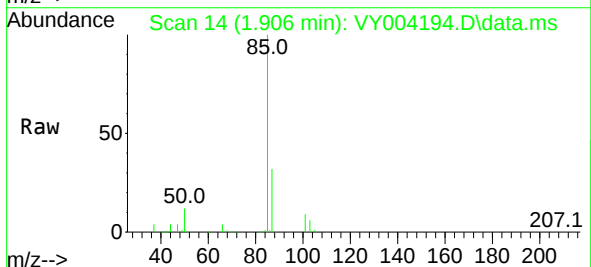
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 202265  
Ion Ratio Lower Upper  
168 100  
99 54.1 41.2 61.8



#2  
Dichlorodifluoromethane  
Concen: 47.26 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 85 Resp: 66329  
Ion Ratio Lower Upper  
85 100  
87 32.4 17.0 51.0

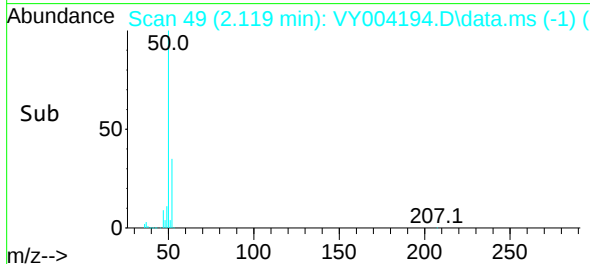
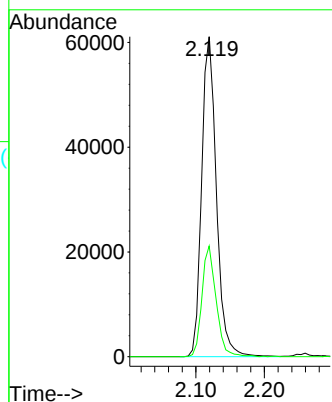
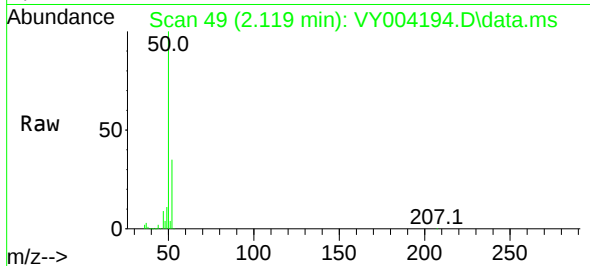




#3  
Chloromethane  
Concen: 46.99 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

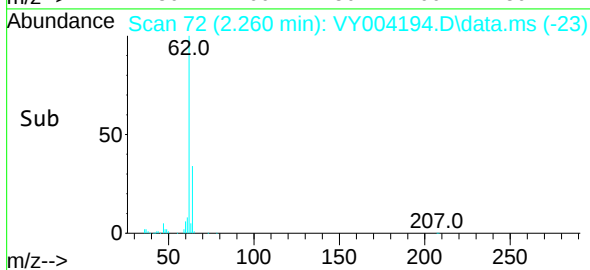
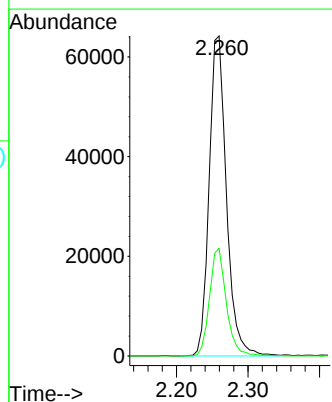
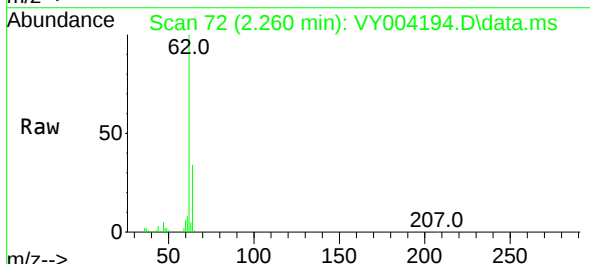
Instrument :  
MSVOA\_Y  
ClientSampled :

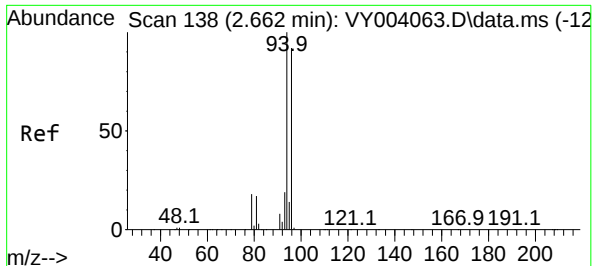
Tgt Ion: 50 Resp: 91663  
Ion Ratio Lower Upper  
50 100  
52 34.6 25.4 38.2



#4  
Vinyl Chloride  
Concen: 44.12 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.001 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

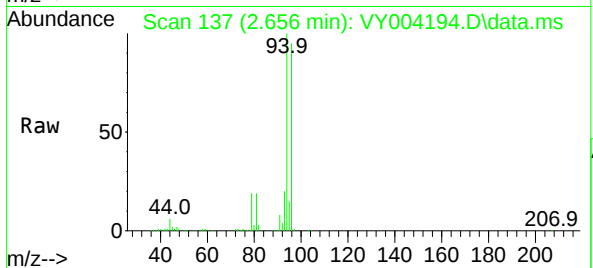
Tgt Ion: 62 Resp: 107852  
Ion Ratio Lower Upper  
62 100  
64 33.7 25.3 37.9



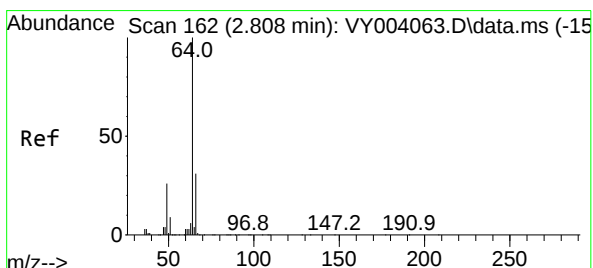
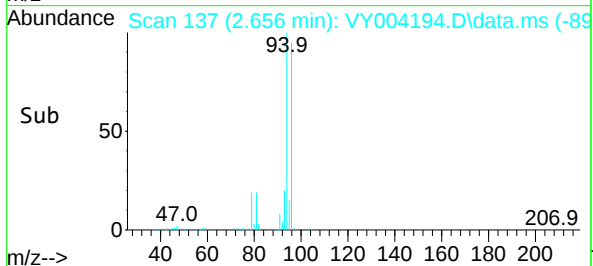
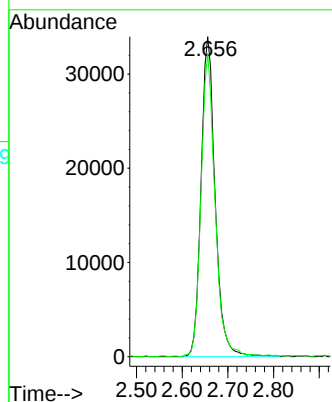


#5  
Bromomethane  
Concen: 46.54 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampleId :

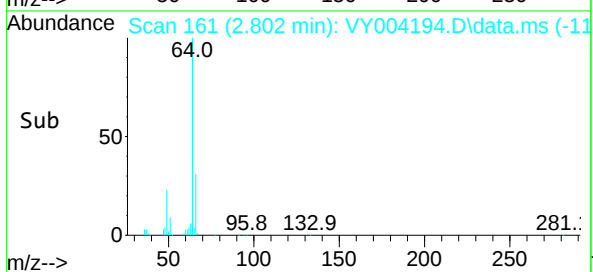
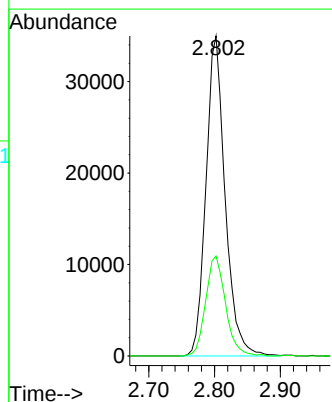
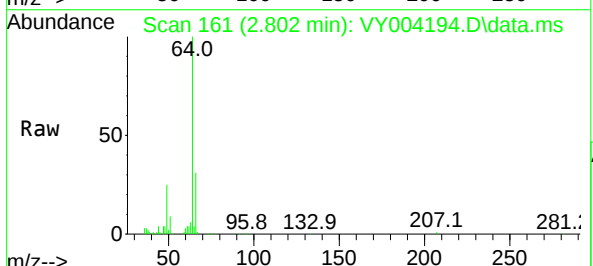


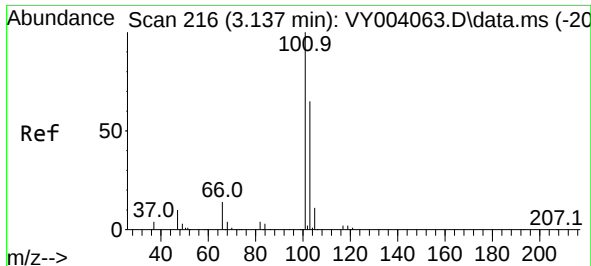
Tgt Ion: 94 Resp: 72684  
Ion Ratio Lower Upper  
94 100  
96 94.9 77.4 116.2



#6  
Chloroethane  
Concen: 47.57 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 64 Resp: 70821  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.0 37.6

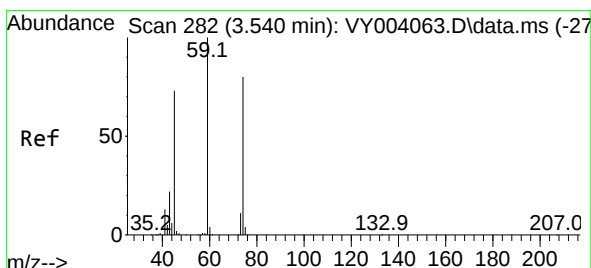
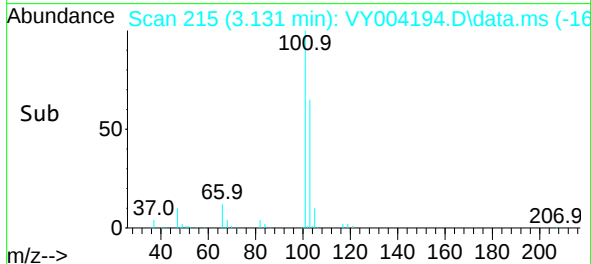
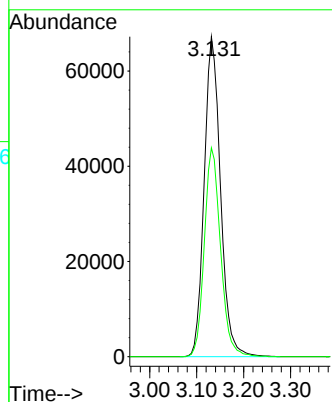
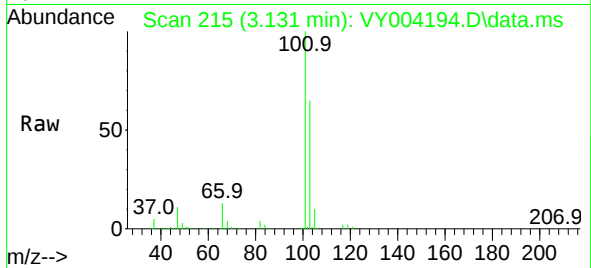




#7  
 Trichlorofluoromethane  
 Concen: 49.84 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. -0.006 min  
 Lab File: VY004194.D  
 Acq: 25 Mar 2021 10:35

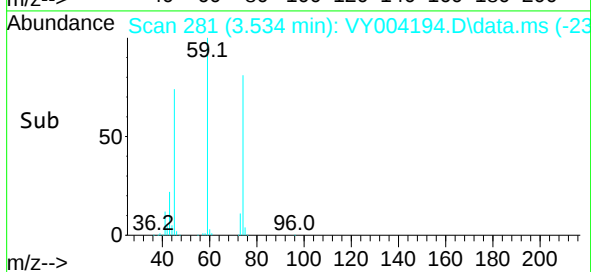
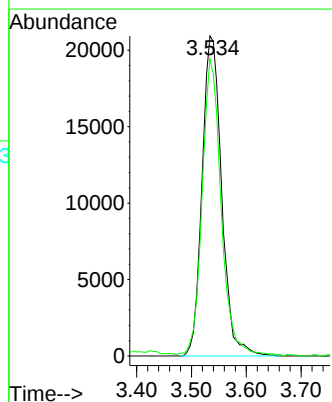
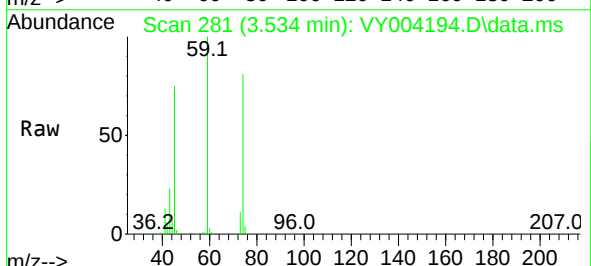
Instrument :  
 MSVOA\_Y  
 ClientSampled :

Tgt Ion:101 Resp: 161907  
 Ion Ratio Lower Upper  
 101 100  
 103 65.2 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 49.74 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. -0.006 min  
 Lab File: VY004194.D  
 Acq: 25 Mar 2021 10:35

Tgt Ion: 74 Resp: 51797  
 Ion Ratio Lower Upper  
 74 100  
 45 90.8 52.6 157.8

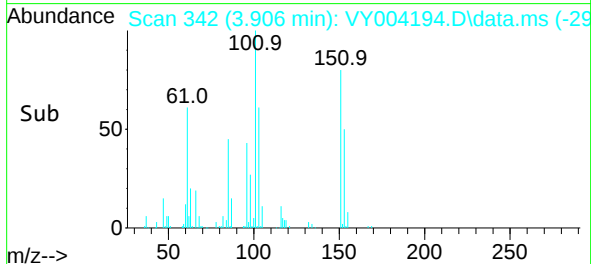
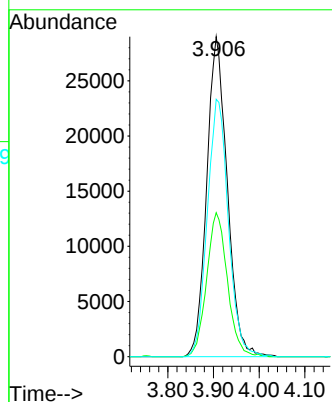
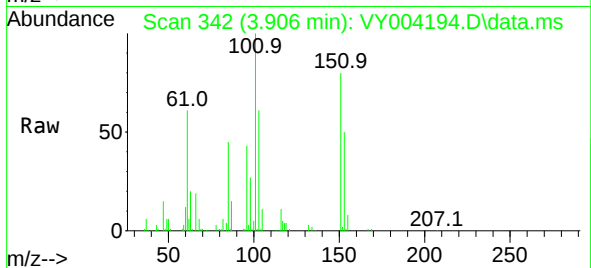




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.88 ug/l  
RT: 3.906 min Scan# 342  
Delta R.T. -0.012 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

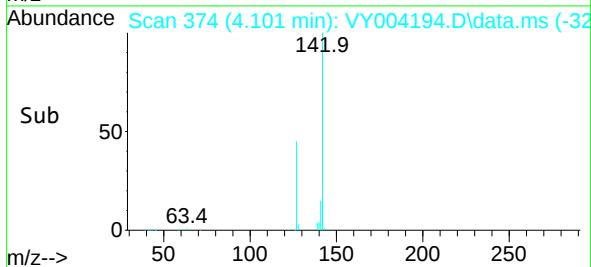
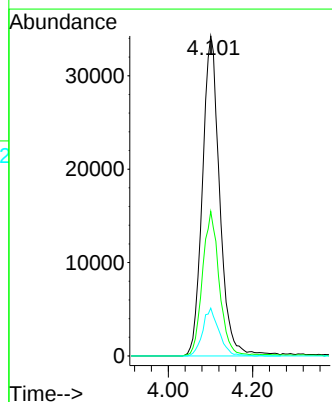
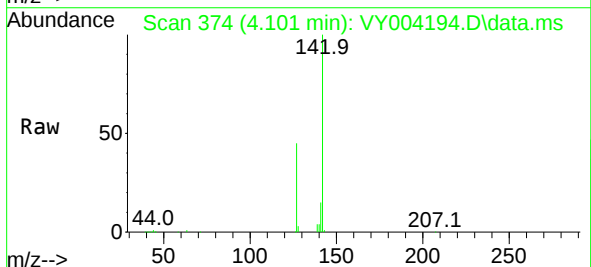
Instrument :  
MSVOA\_Y  
ClientSampled :

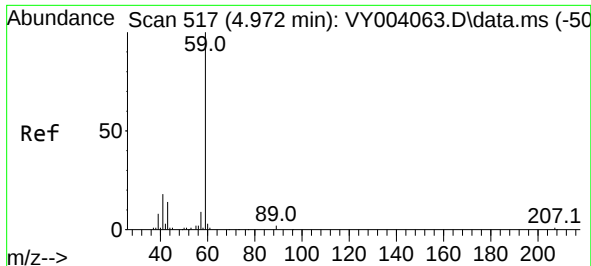
Tgt Ion:101 Resp: 90636  
Ion Ratio Lower Upper  
101 100  
85 45.5 36.1 54.1  
151 82.4 66.9 100.3



#10  
Methyl Iodide  
Concen: 52.72 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

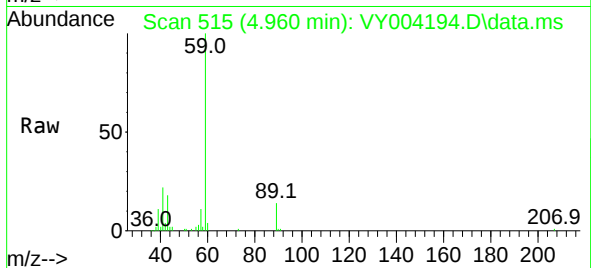
Tgt Ion:142 Resp: 97897  
Ion Ratio Lower Upper  
142 100  
127 43.7 35.4 53.0  
141 14.1 11.5 17.3



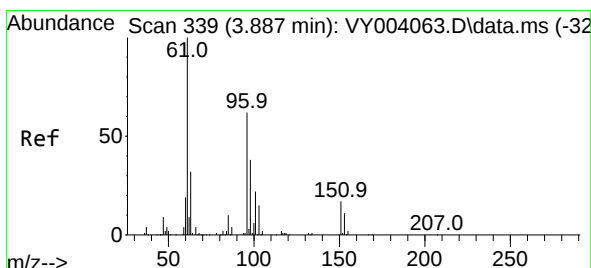
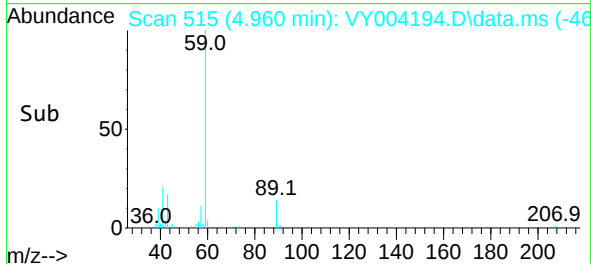
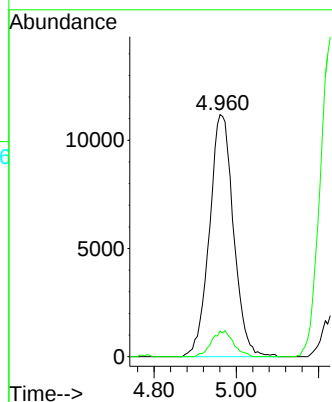


#11  
Tert butyl alcohol  
Concen: 251.98 ug/l  
RT: 4.960 min Scan# 515  
Delta R.T. -0.012 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampled :

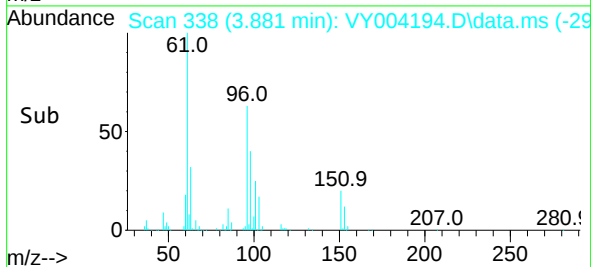
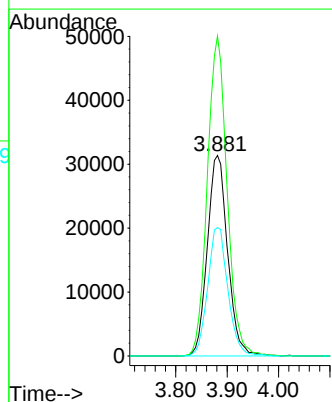
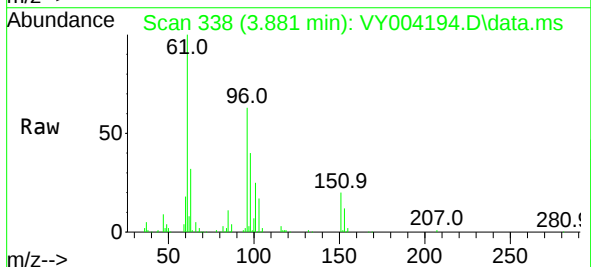


Tgt Ion: 59 Resp: 45474  
Ion Ratio Lower Upper  
59 100  
57 9.7 6.9 10.3



#12  
1,1-Dichloroethene  
Concen: 48.35 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 96 Resp: 85989  
Ion Ratio Lower Upper  
96 100  
61 159.6 130.7 196.1  
98 64.0 48.9 73.3

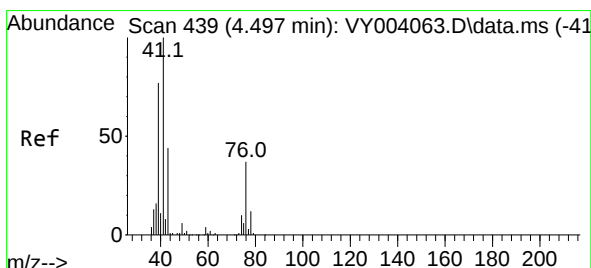
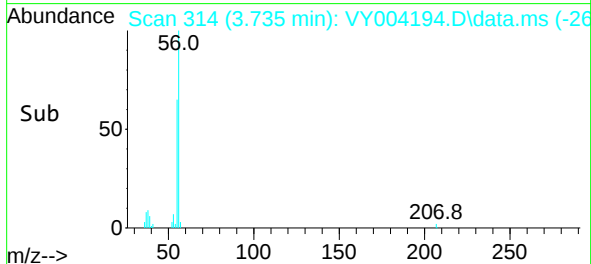
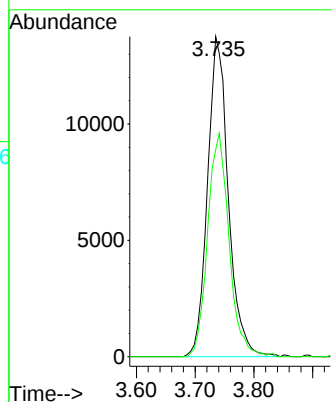
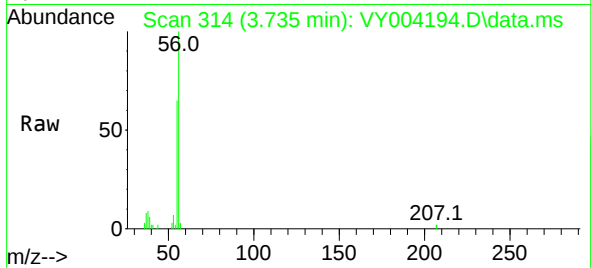




#13  
Acrolein  
Concen: 188.91 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

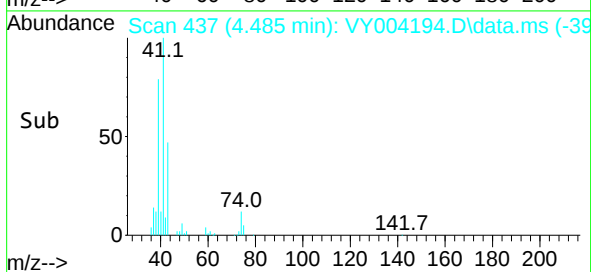
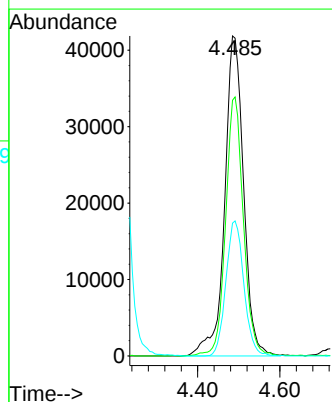
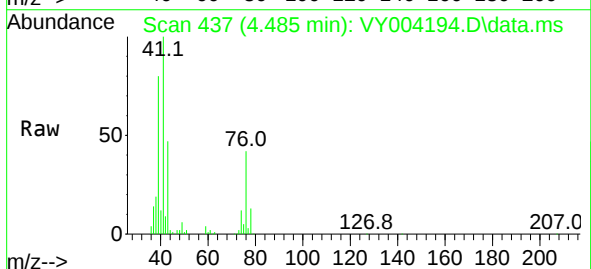
Instrument :  
MSVOA\_Y  
ClientSampled :

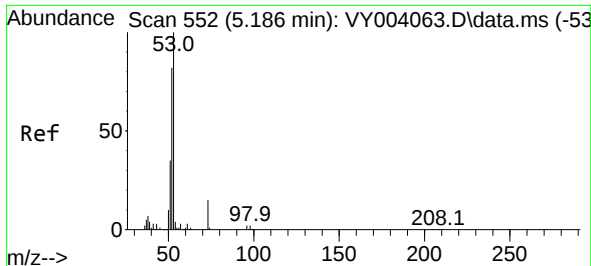
Tgt Ion: 56 Resp: 33818  
Ion Ratio Lower Upper  
56 100  
55 72.0 55.4 83.0



#14  
Allyl chloride  
Concen: 45.53 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 41 Resp: 133922  
Ion Ratio Lower Upper  
41 100  
39 76.1 54.0 81.0  
76 40.1 26.1 39.1#

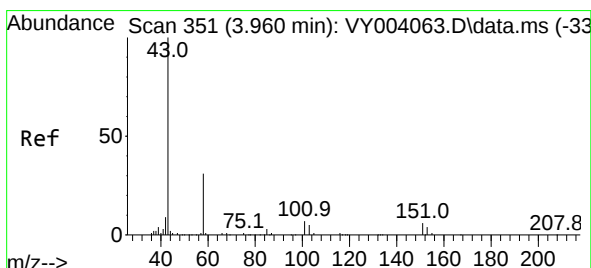
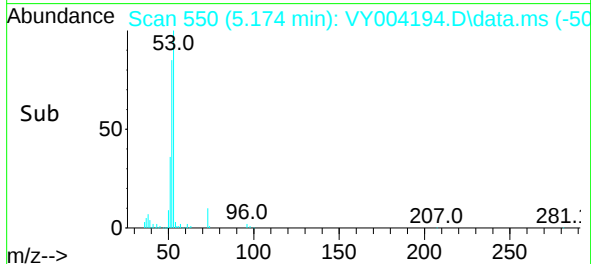
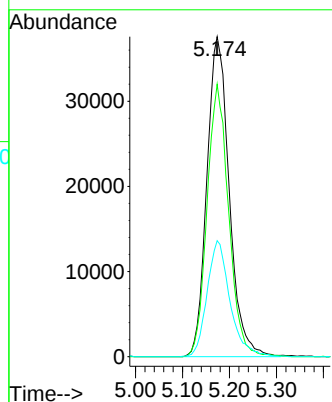
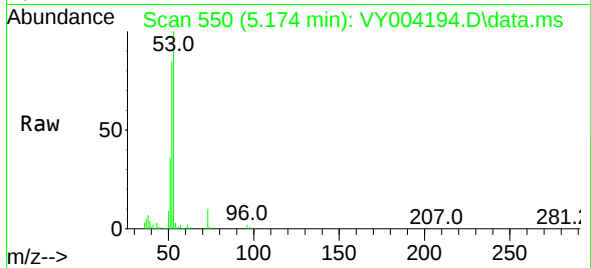




#15  
Acrylonitrile  
Concen: 239.73 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. -0.012 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

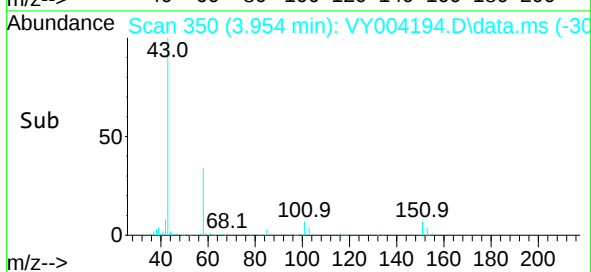
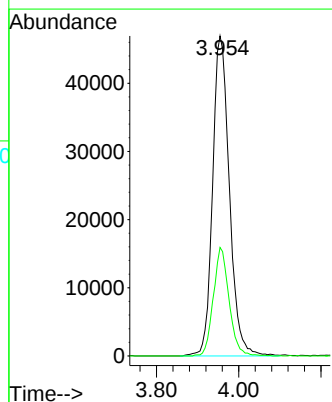
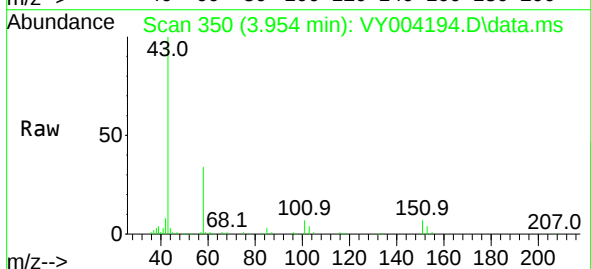
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 53 Resp: 124070  
Ion Ratio Lower Upper  
53 100  
52 82.3 66.2 99.4  
51 37.2 29.5 44.3



#16  
Acetone  
Concen: 276.21 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

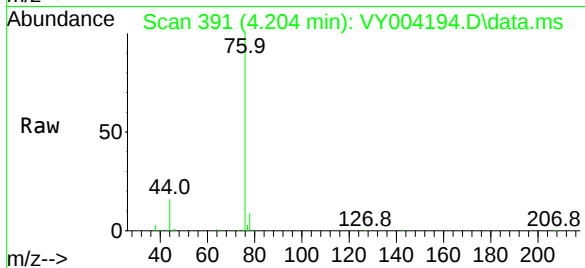
Tgt Ion: 43 Resp: 133077  
Ion Ratio Lower Upper  
43 100  
58 33.9 22.6 34.0



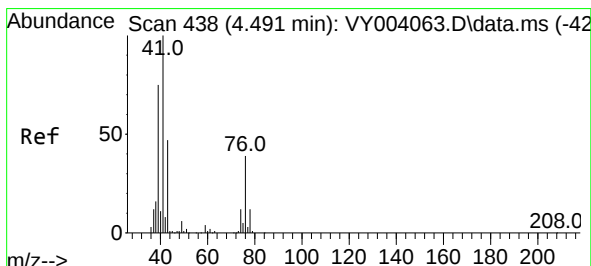
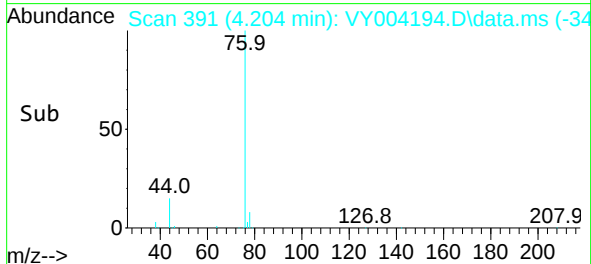
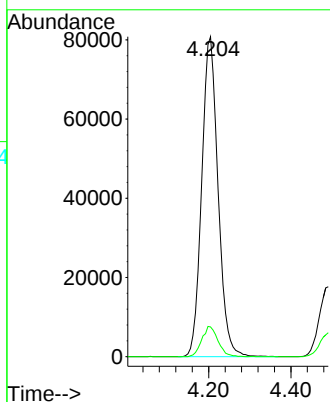


#17  
Carbon Disulfide  
Concen: 42.59 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampleId :

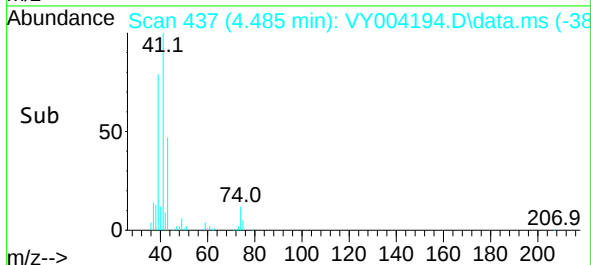
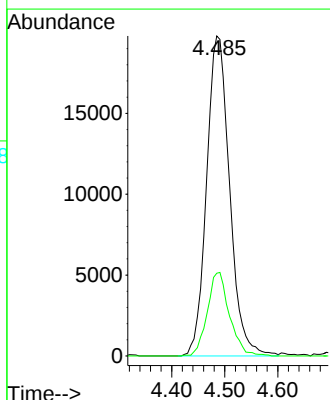
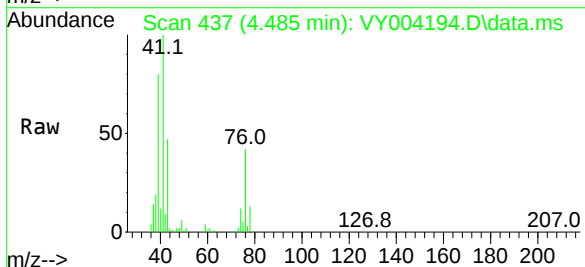


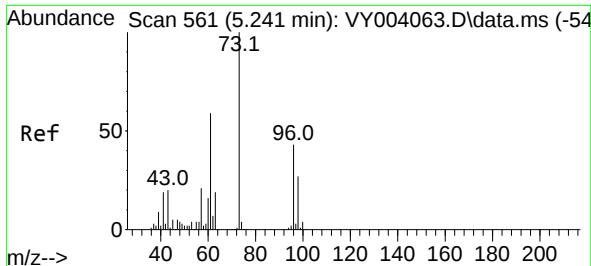
Tgt Ion: 76 Resp: 222695  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 50.16 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 43 Resp: 59709  
Ion Ratio Lower Upper  
43 100  
74 25.1 17.6 26.4

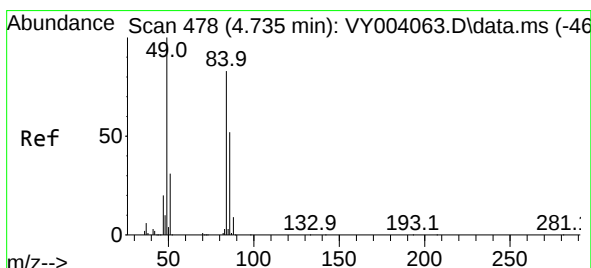
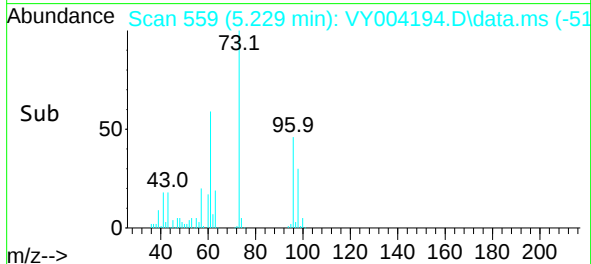
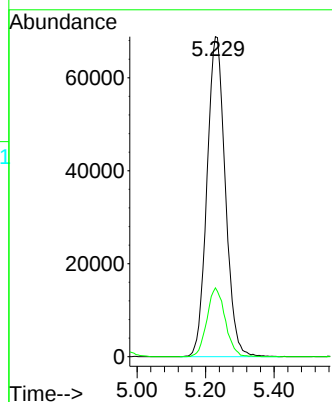
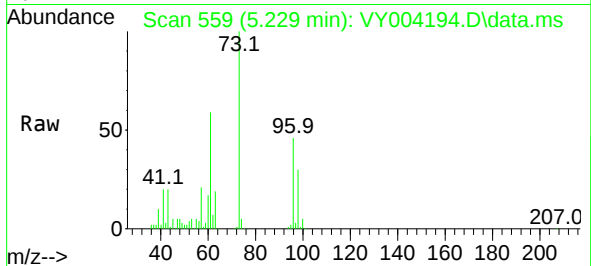




#19  
Methyl tert-butyl Ether  
Concen: 50.50 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.012 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

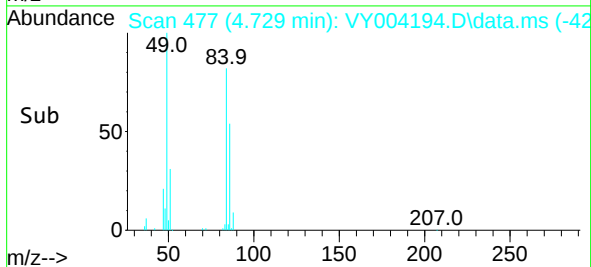
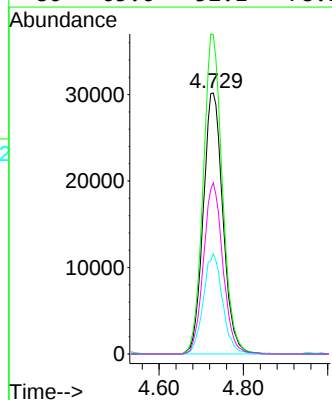
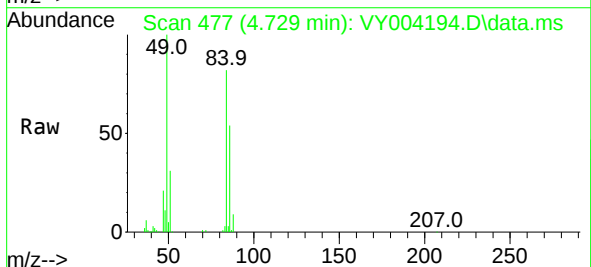
Instrument :  
MSVOA\_Y  
ClientSampled :

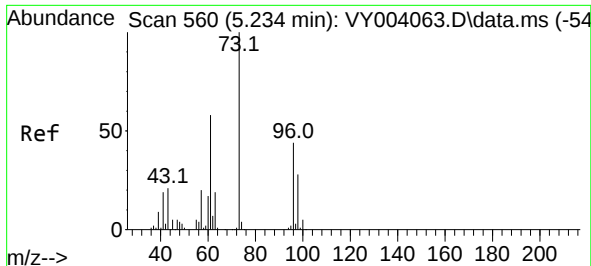
Tgt Ion: 73 Resp: 255715  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.5 26.3



#20  
Methylene Chloride  
Concen: 50.60 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

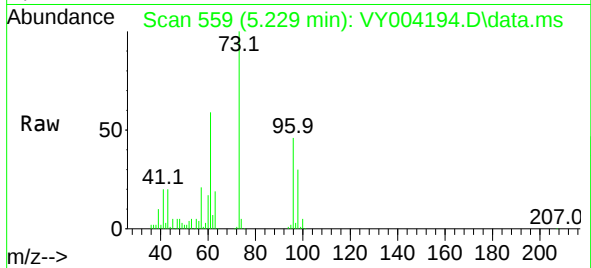
Tgt Ion: 84 Resp: 97939  
Ion Ratio Lower Upper  
84 100  
49 122.3 105.8 158.6  
51 38.5 32.6 48.8  
86 65.6 52.1 78.1



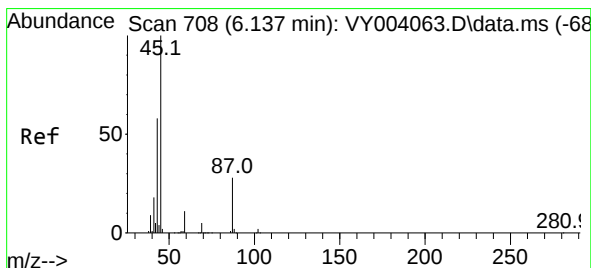
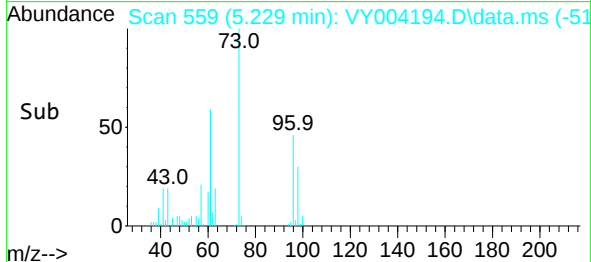
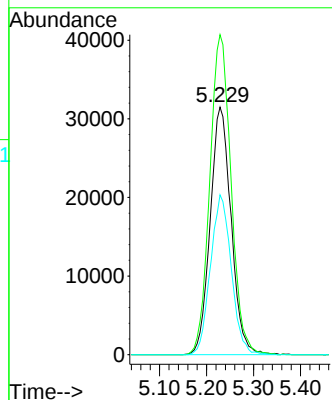


#21  
trans-1,2-Dichloroethene  
Concen: 48.74 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.005 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

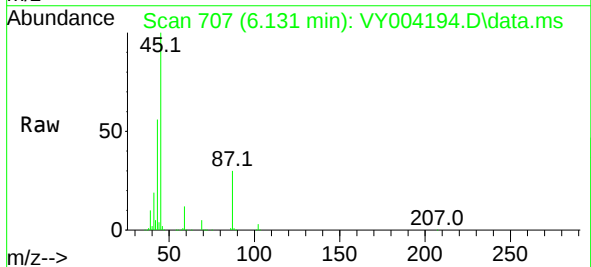
Instrument :  
MSVOA\_Y  
ClientSampled :



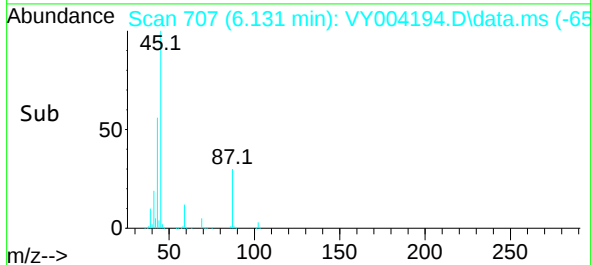
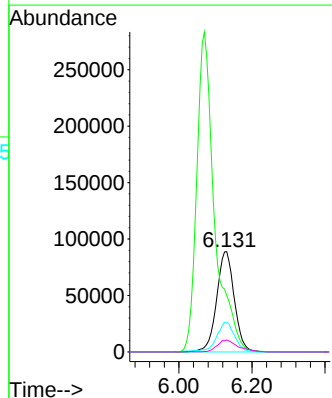
Tgt Ion: 96 Resp: 97394  
Ion Ratio Lower Upper  
96 100  
61 129.3 110.8 166.2  
98 64.6 51.0 76.6



#22  
Diisopropyl ether  
Concen: 48.18 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35



Tgt Ion: 45 Resp: 299093  
Ion Ratio Lower Upper  
45 100  
43 56.0 45.1 67.7  
87 29.7 21.0 31.4  
59 11.9 9.2 13.8

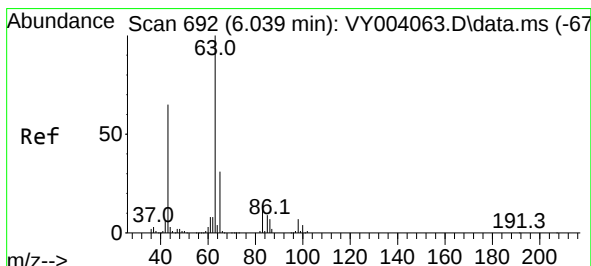
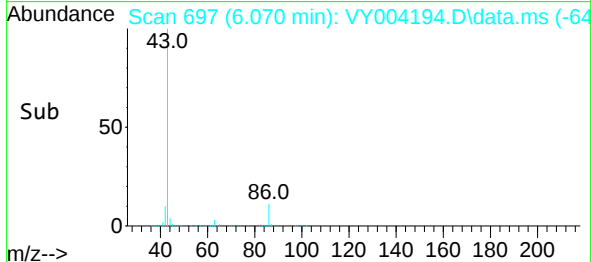
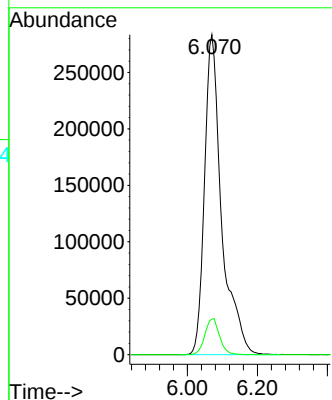
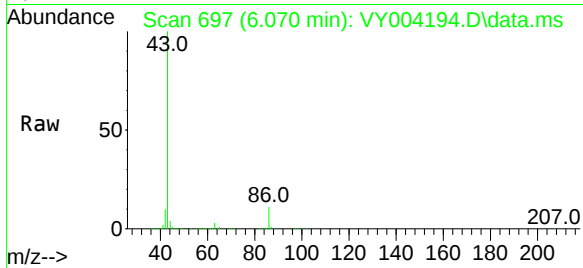




#23  
 Vinyl Acetate  
 Concen: 235.99 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY004194.D  
 Acq: 25 Mar 2021 10:35

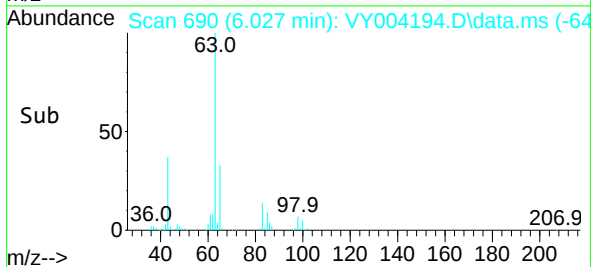
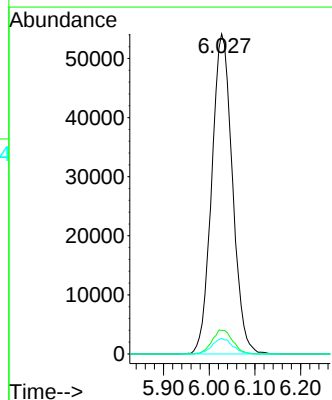
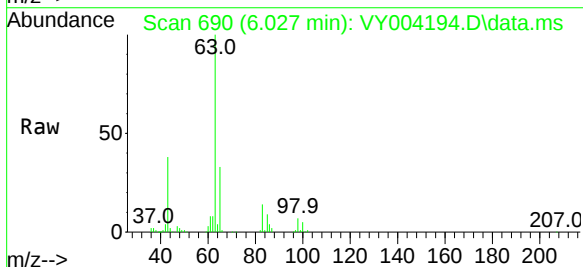
Instrument :  
 MSVOA\_Y  
 ClientSampled :

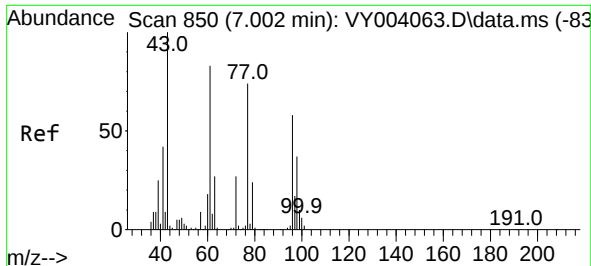
Tgt Ion: 43 Resp: 964515  
 Ion Ratio Lower Upper  
 43 100  
 86 11.1 7.8 11.6



#24  
 1,1-Dichloroethane  
 Concen: 49.46 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.012 min  
 Lab File: VY004194.D  
 Acq: 25 Mar 2021 10:35

Tgt Ion: 63 Resp: 170508  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 4.8 2.3 6.9

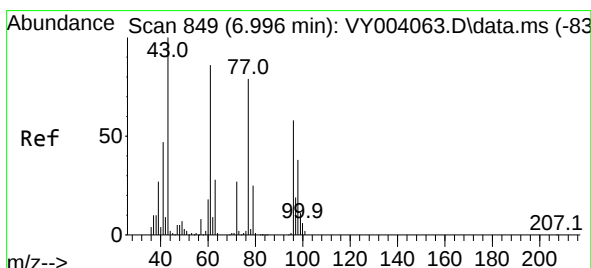
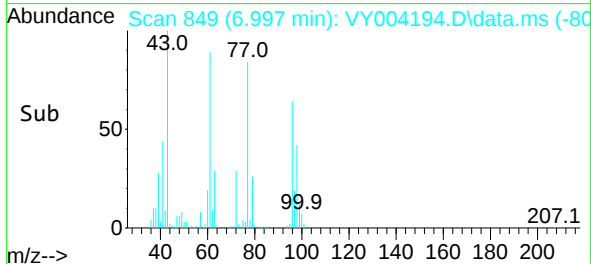
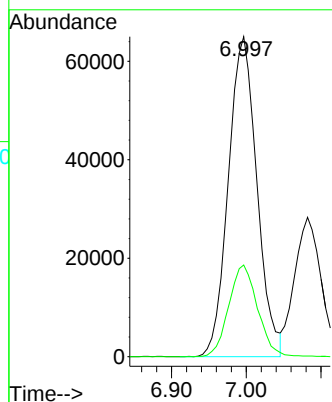
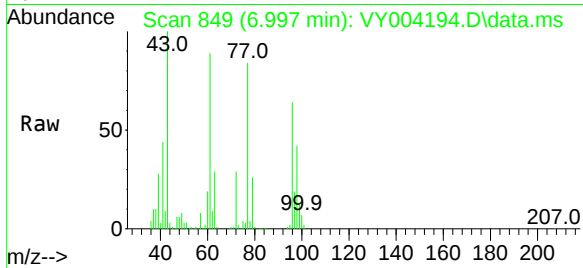




#25  
2-Butanone  
Concen: 249.09 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. -0.005 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

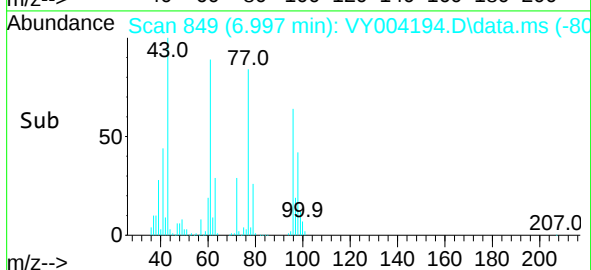
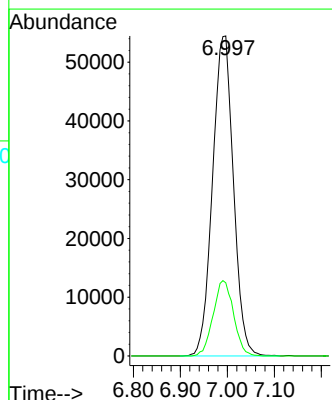
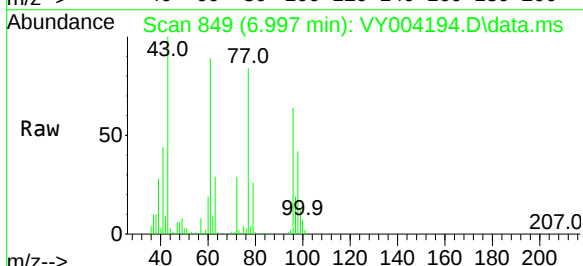
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion: 43 Resp: 173003  
Ion Ratio Lower Upper  
43 100  
72 28.6 19.4 29.0



#26  
2,2-Dichloropropane  
Concen: 51.00 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. 0.001 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 77 Resp: 167917  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.26 ug/l

RT: 6.997 min Scan# 849

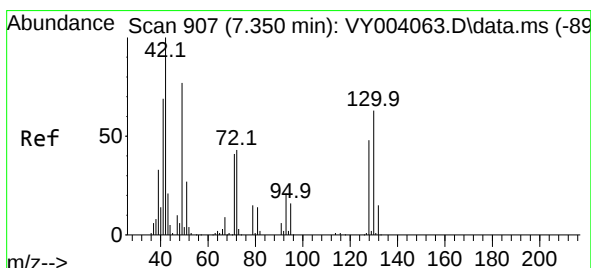
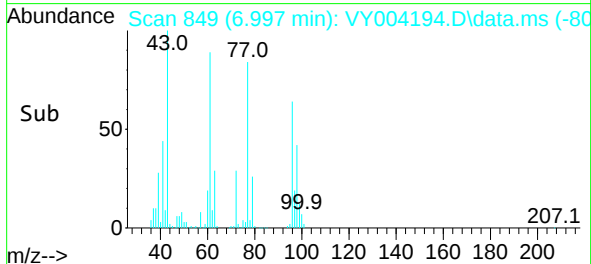
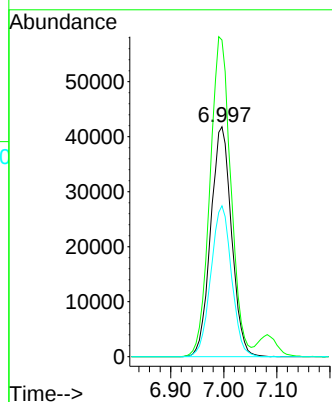
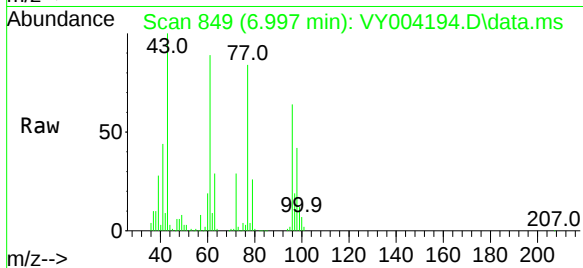
Delta R.T. -0.005 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 114333 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 139.3 | 0.0   | 303.6  |
| 98        | 64.9  | 0.0   | 130.6  |



#28

Bromochloromethane

Concen: 45.97 ug/l

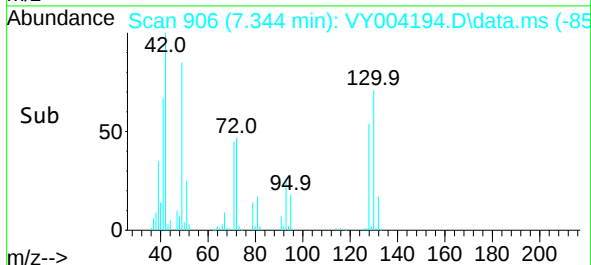
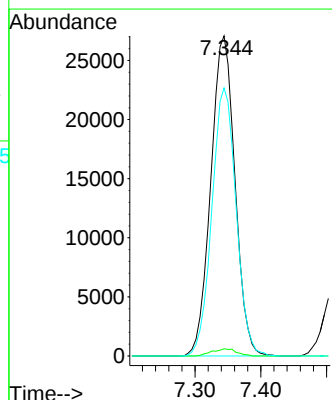
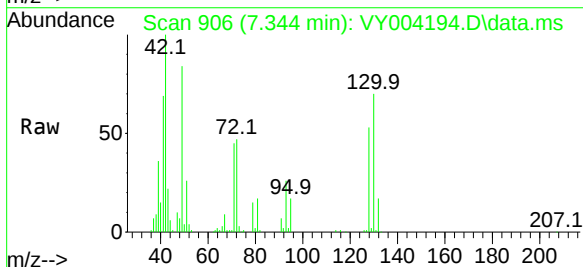
RT: 7.344 min Scan# 906

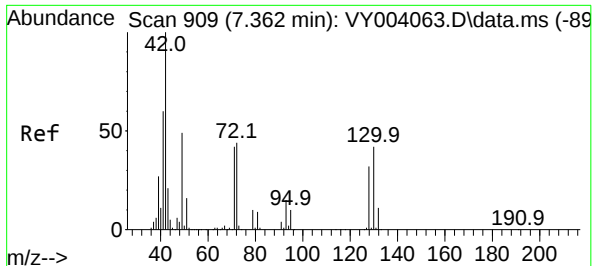
Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 69208 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.3   | 0.0   | 4.4   |
| 130       | 84.0  | 59.0  | 88.4  |





#29

Tetrahydrofuran

Concen: 231.61 ug/l

RT: 7.356 min Scan# 908

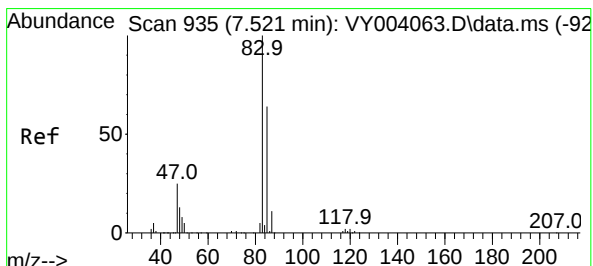
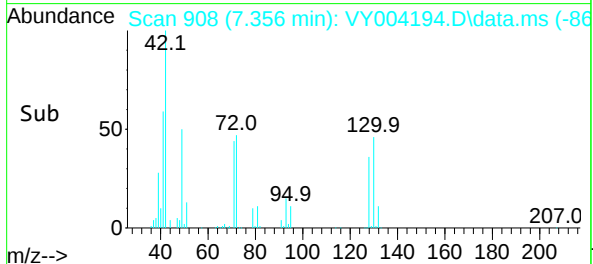
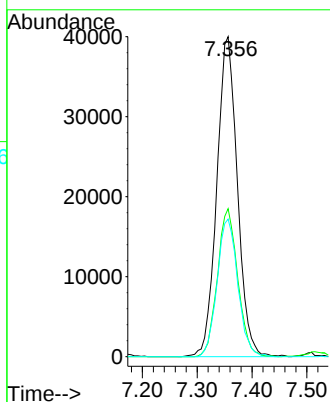
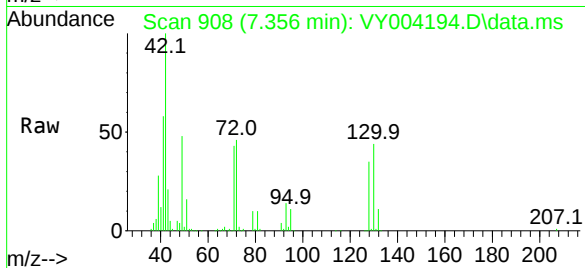
Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampled :

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 104502 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 45.7  | 32.6  | 48.8   |
| 71        | 43.2  | 31.0  | 46.6   |



#30

Chloroform

Concen: 51.31 ug/l

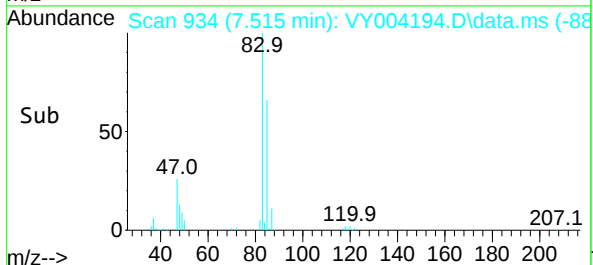
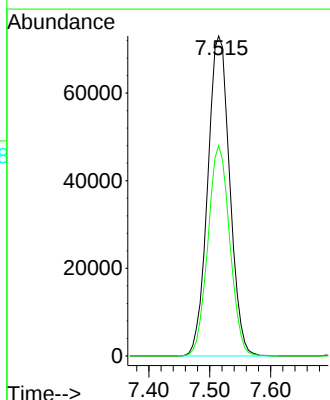
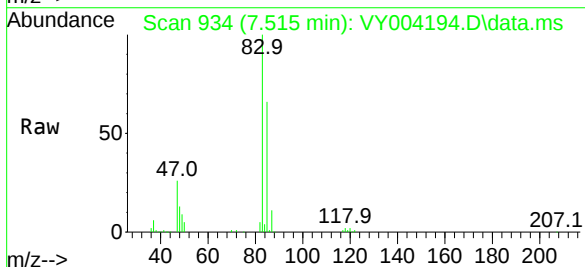
RT: 7.515 min Scan# 934

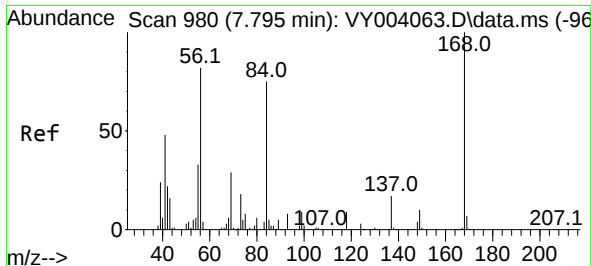
Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

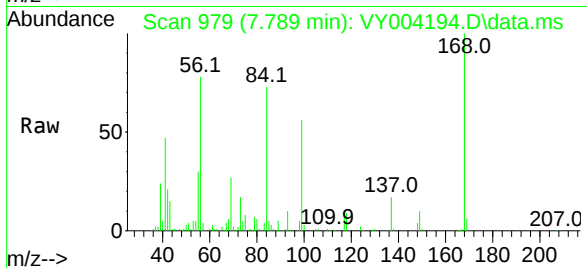
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 183289 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.8  | 51.0  | 76.6   |



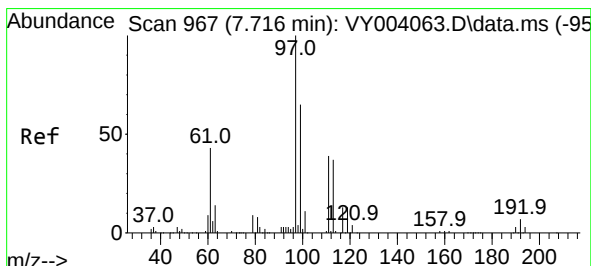
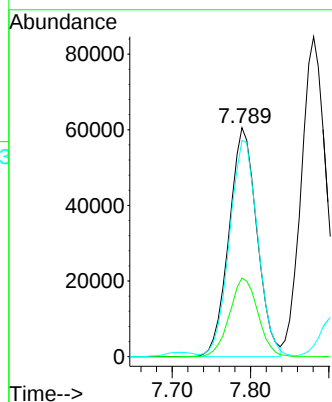
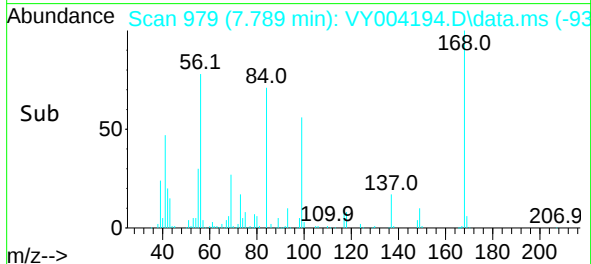


#31  
Cyclohexane  
Concen: 42.88 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

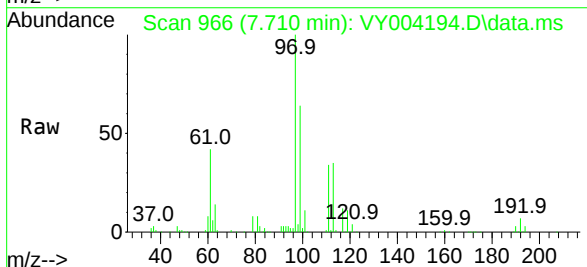
Instrument :  
MSVOA\_Y  
ClientSampleId :



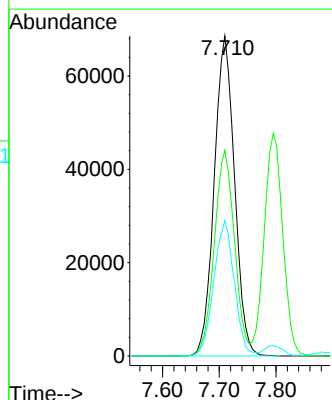
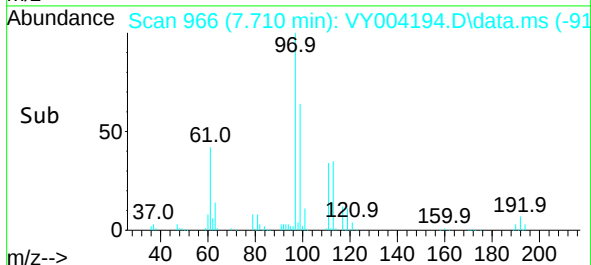
Tgt Ion: 56 Resp: 150156  
Ion Ratio Lower Upper  
56 100  
69 34.3 25.3 37.9  
84 92.6 67.3 100.9



#32  
1,1,1-Trichloroethane  
Concen: 51.49 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35



Tgt Ion: 97 Resp: 170620  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.8 77.6  
61 42.5 34.5 51.7

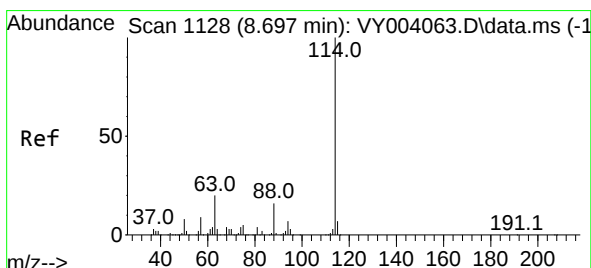
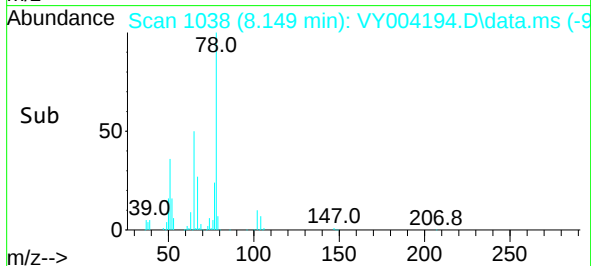
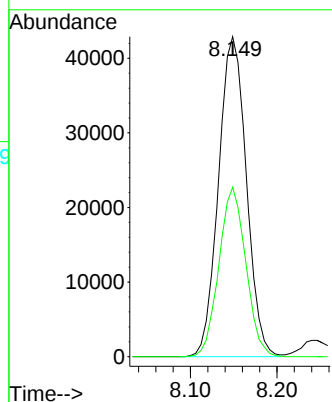
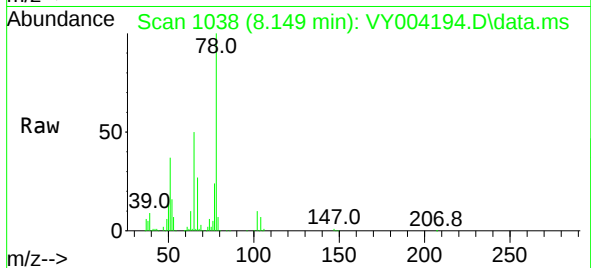




#33  
1,2-Dichloroethane-d4  
Concen: 47.99 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

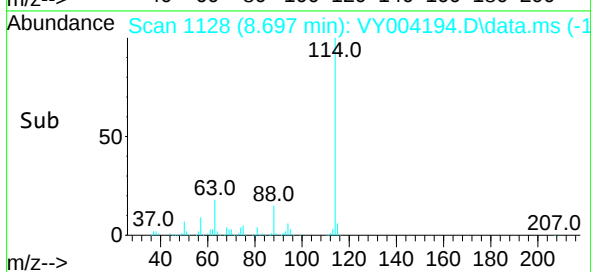
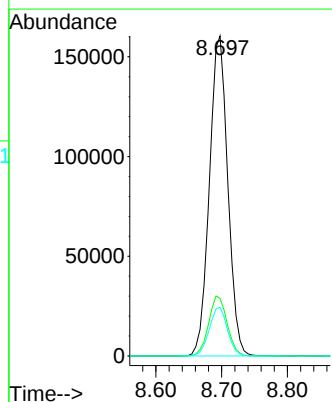
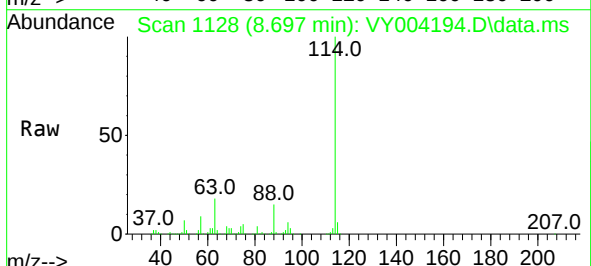
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion: 65 Resp: 95791  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 114 Resp: 312054  
Ion Ratio Lower Upper  
114 100  
63 18.0 0.0 41.6  
88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.26 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

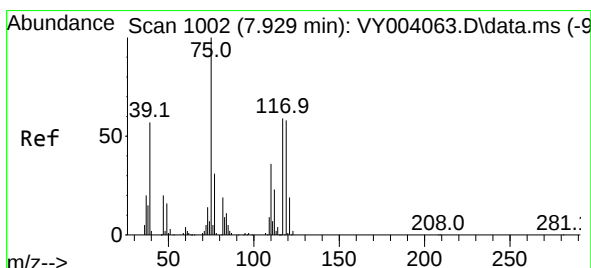
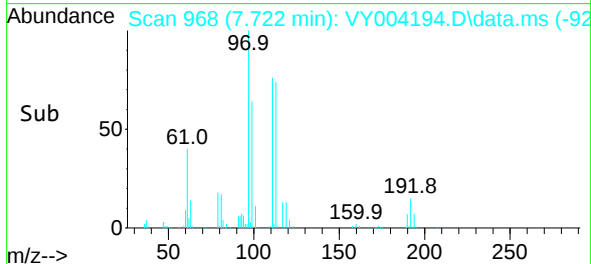
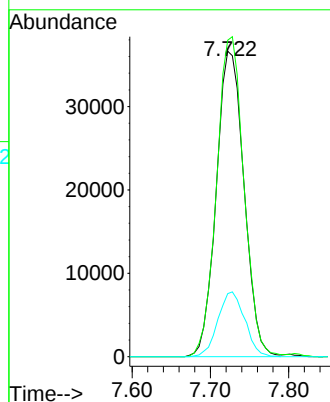
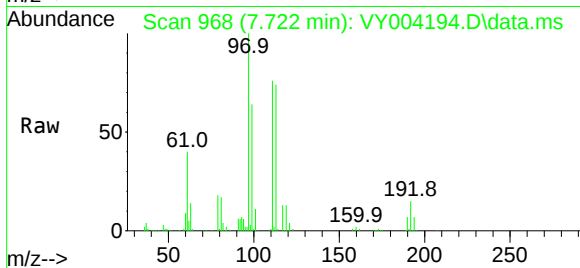
Tgt Ion:113 Resp: 90207

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

192 20.5 18.5 27.7



#36

1,1-Dichloropropene

Concen: 50.91 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

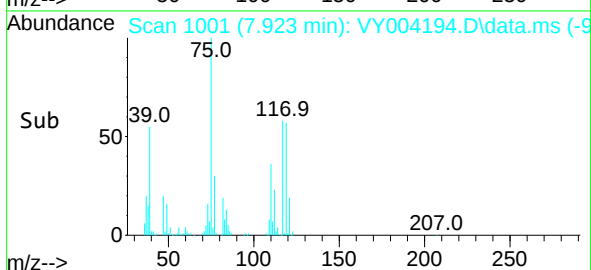
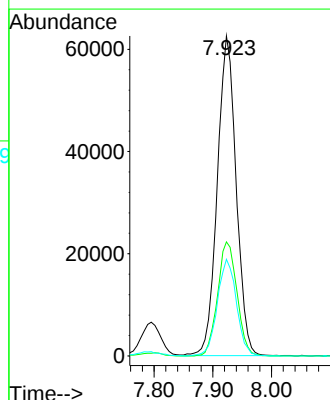
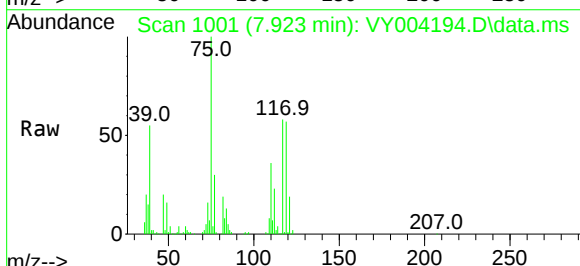
Tgt Ion: 75 Resp: 139564

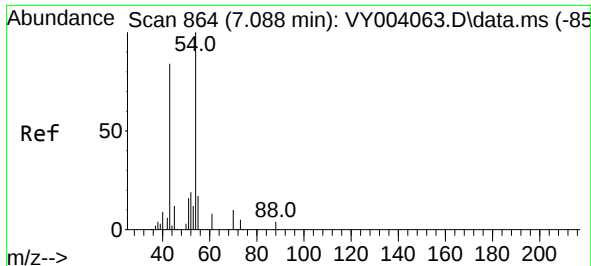
Ion Ratio Lower Upper

75 100

110 36.6 17.4 52.3

77 30.7 24.5 36.7





#37

Ethyl Acetate

Concen: 48.84 ug/l

RT: 7.082 min Scan# 863

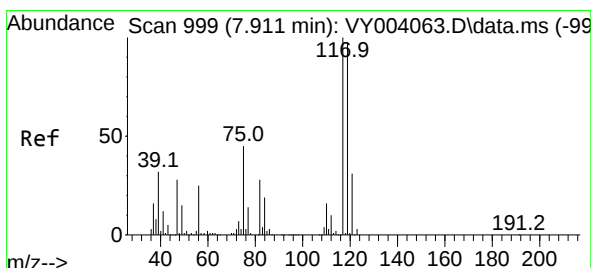
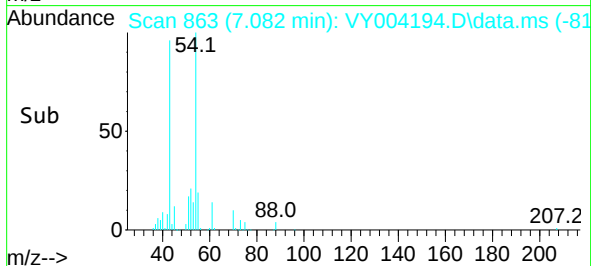
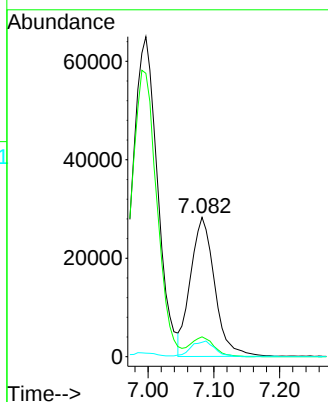
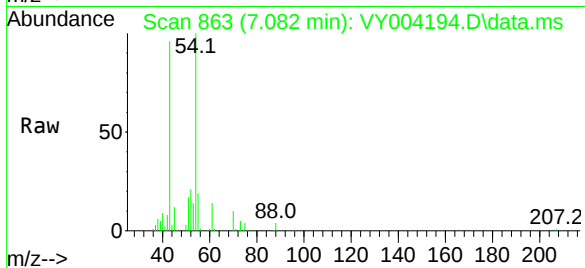
Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 72126 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.9  | 10.7  | 16.1  |
| 70       | 11.1  | 7.7   | 11.5  |

Instrument :  
MSVOA\_Y  
ClientSampled :



#38

Carbon Tetrachloride

Concen: 53.60 ug/l

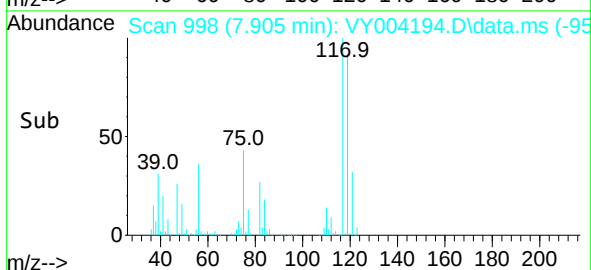
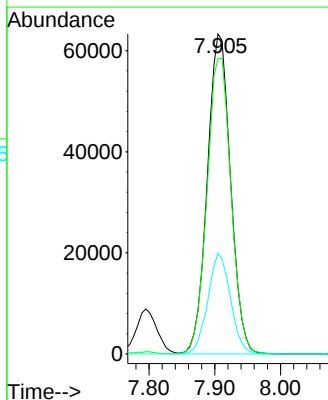
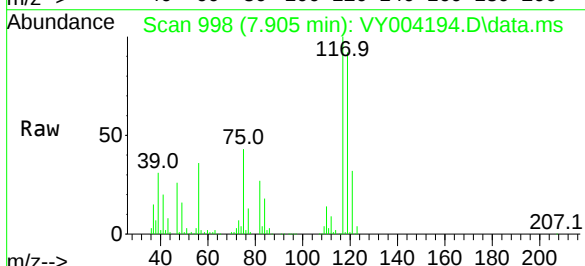
RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 155900 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.4  | 75.4  | 113.0  |
| 121      | 31.5  | 24.2  | 36.2   |





#39

Methylcyclohexane

Concen: 48.59 ug/l

RT: 9.185 min Scan# 1208

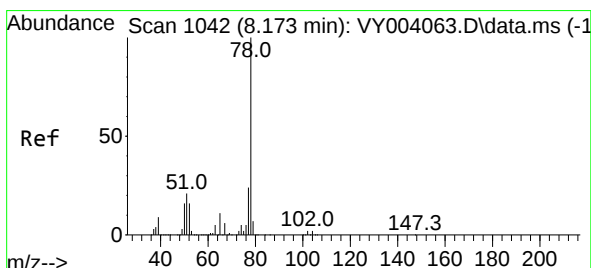
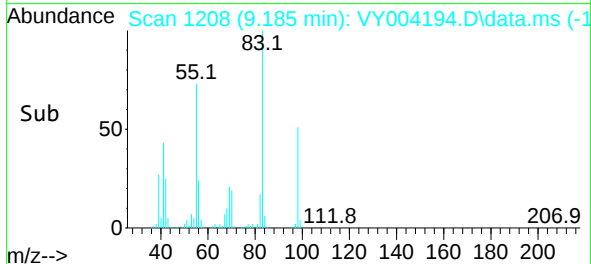
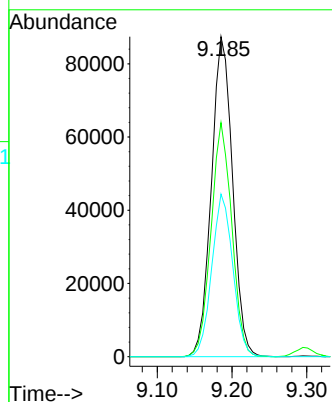
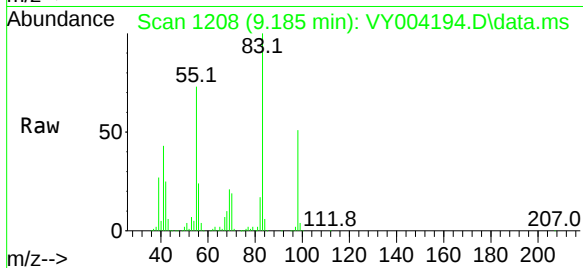
Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 172053 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 73.2  | 65.6  | 98.4   |
| 98       | 50.8  | 39.5  | 59.3   |



#40

Benzene

Concen: 51.18 ug/l

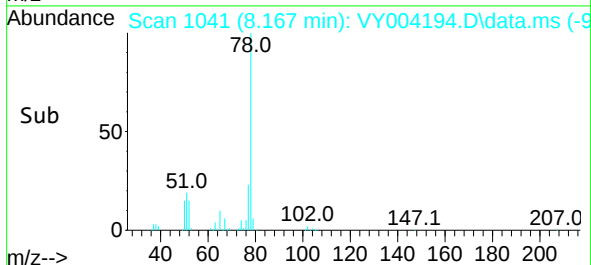
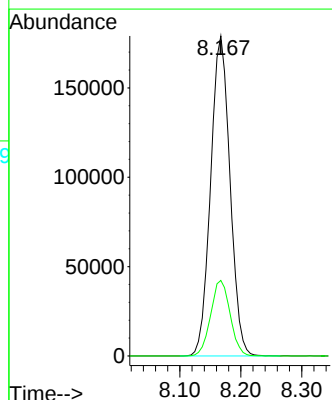
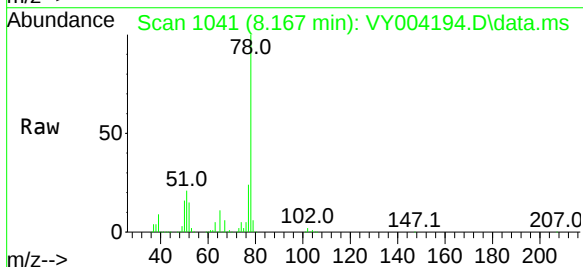
RT: 8.167 min Scan# 1041

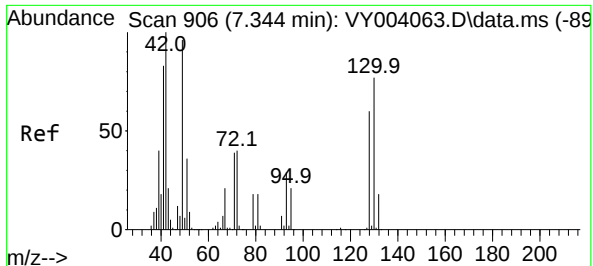
Delta R.T. -0.006 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

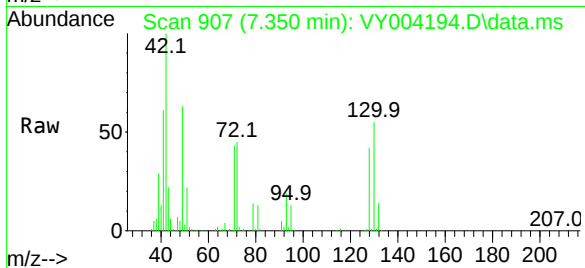
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 395241 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.6  | 20.1  | 30.1   |



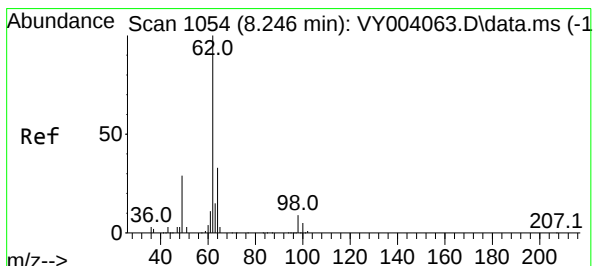
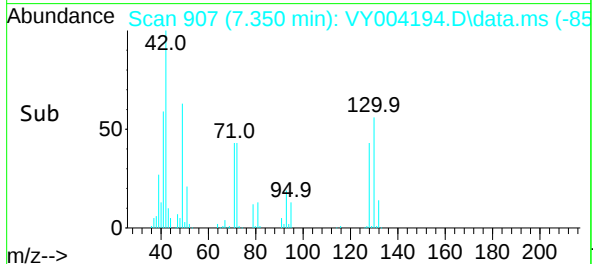
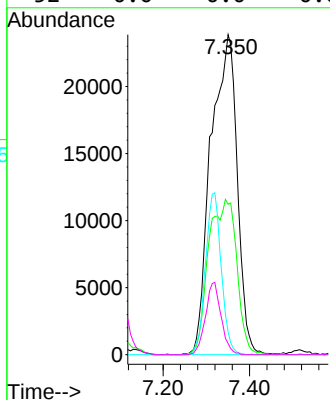


#41  
Methacrylonitrile  
Concen: 109.92 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. 0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampleId :

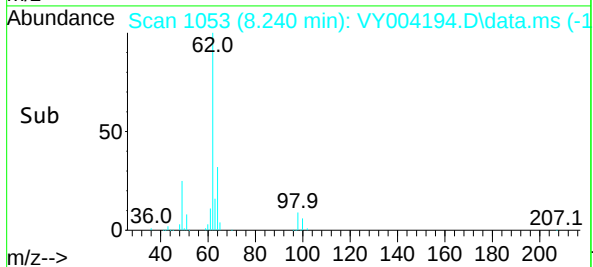
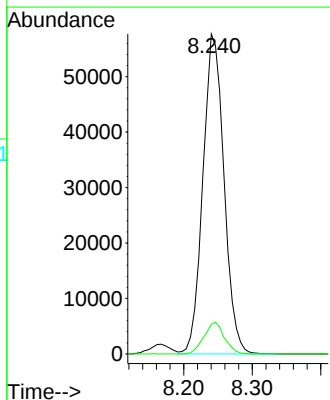
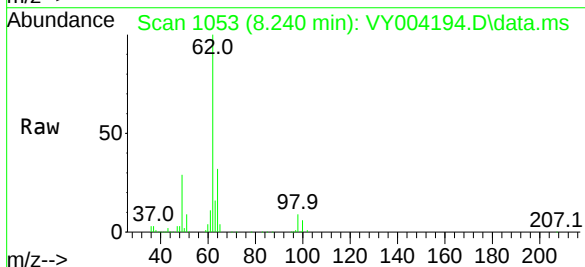


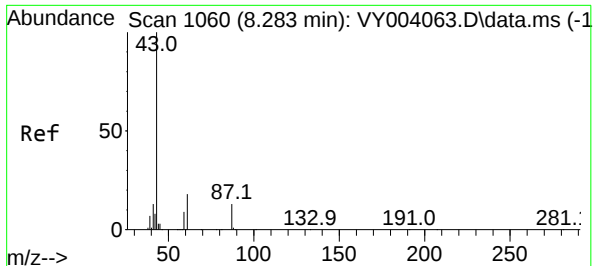
Tgt Ion: 41 Resp: 100584  
Ion Ratio Lower Upper  
41 100  
39 52.0 91.2 136.8#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 52.35 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 62 Resp: 123581  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 17.0



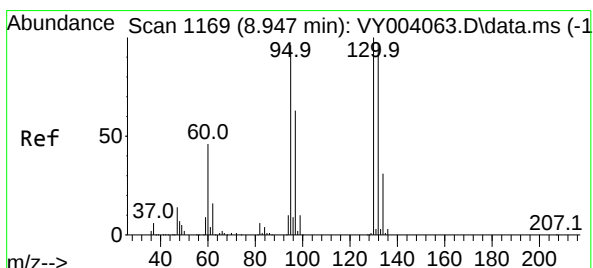
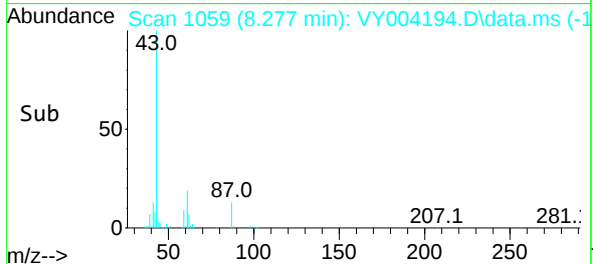
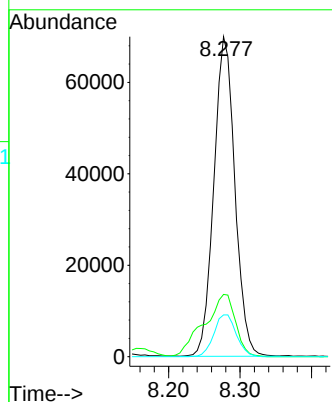
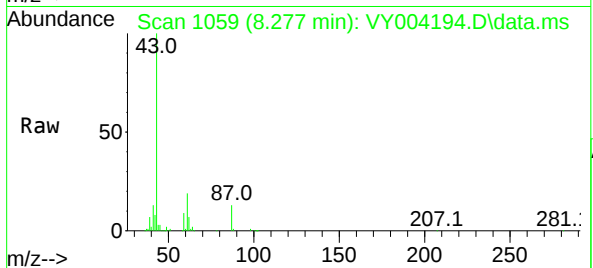


#43

Isopropyl Acetate  
Concen: 48.15 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampled :

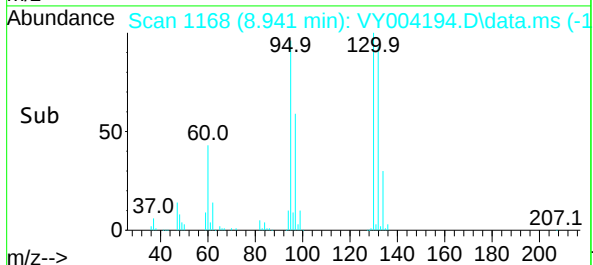
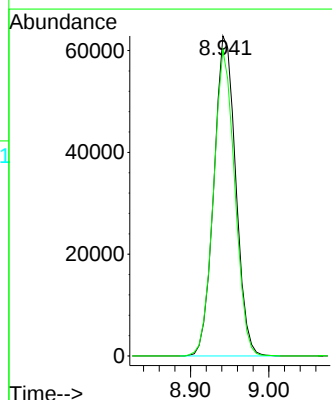
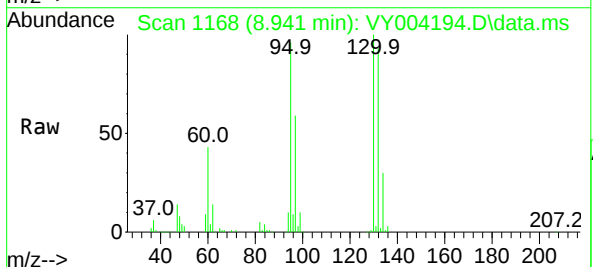
Tgt Ion: 43 Resp: 142686  
Ion Ratio Lower Upper  
43 100  
61 29.1 22.1 33.1  
87 14.0 9.8 14.8

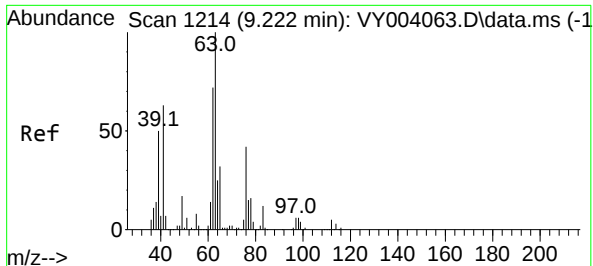


#44

Trichloroethene  
Concen: 54.32 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 130 Resp: 121498  
Ion Ratio Lower Upper  
130 100  
95 95.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 50.72 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY004194.D

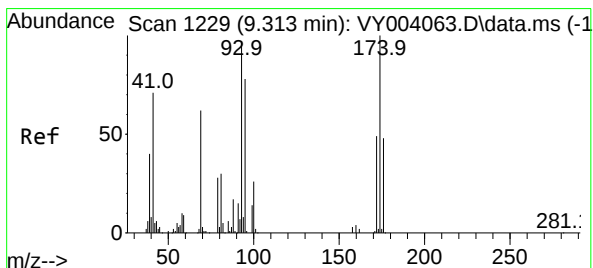
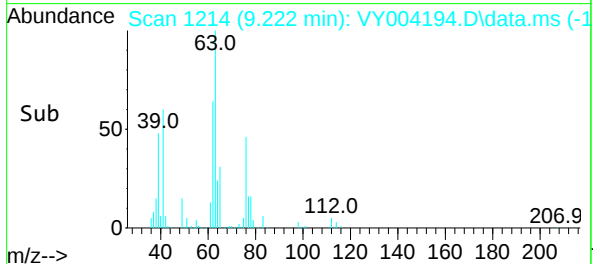
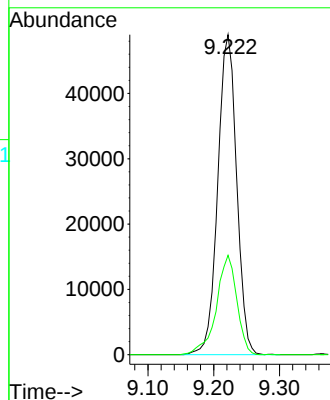
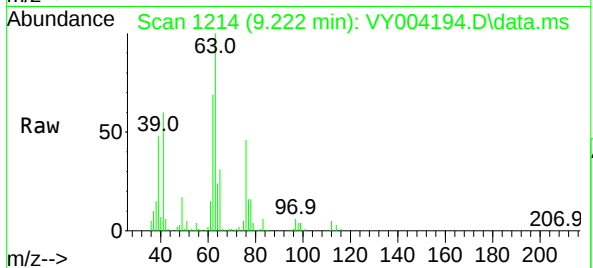
Acq: 25 Mar 2021 10:35

Tgt Ion: 63 Resp: 97795

Ion Ratio Lower Upper

63 100

65 31.0 24.4 36.6



#46

Dibromomethane

Concen: 52.69 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

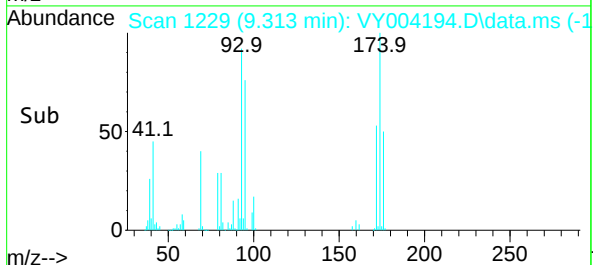
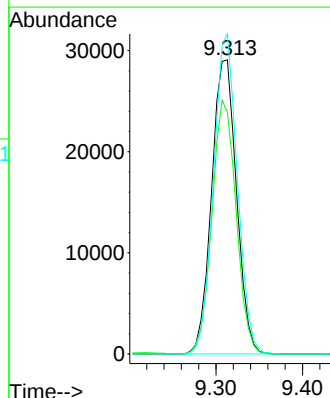
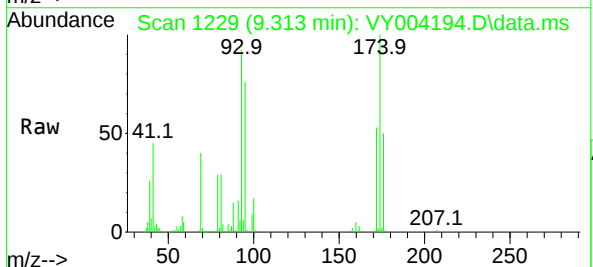
Tgt Ion: 93 Resp: 58088

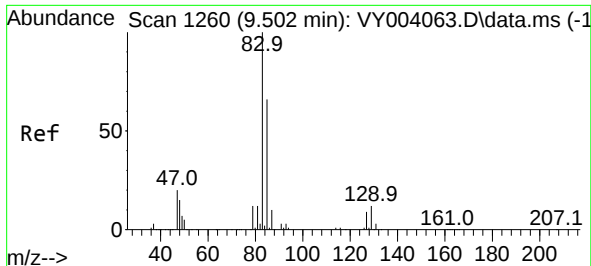
Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

174 104.1 88.1 132.1

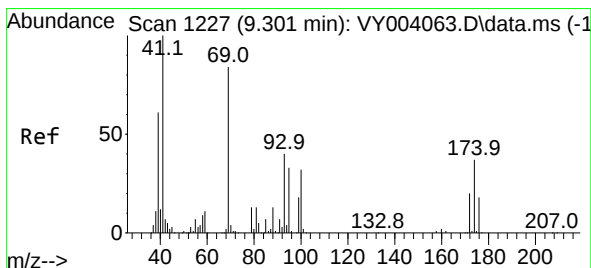
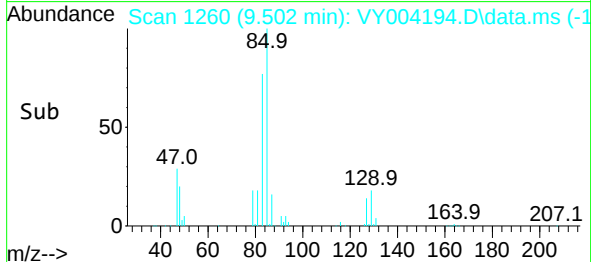
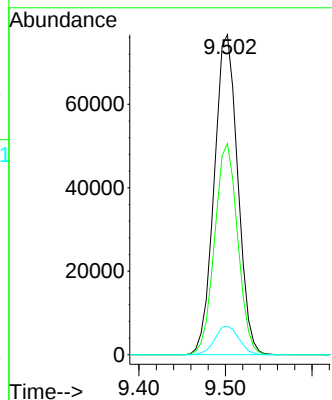
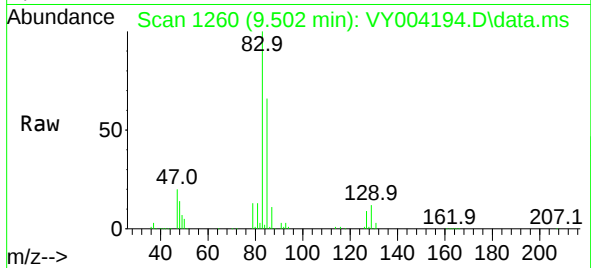




#47  
Bromodichloromethane  
Concen: 52.51 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

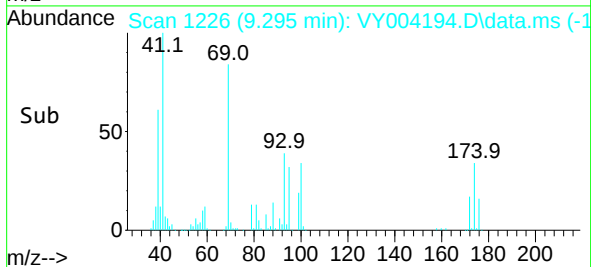
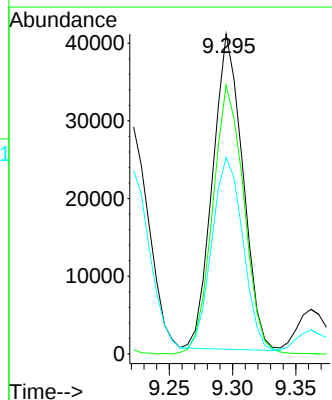
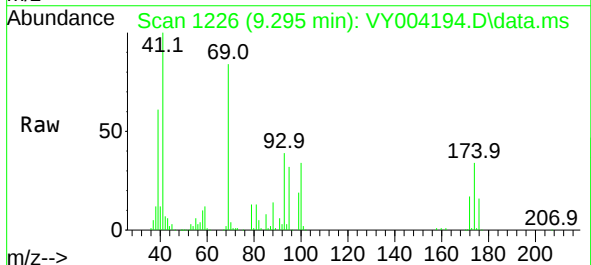
Instrument :  
MSVOA\_Y  
ClientSampled :

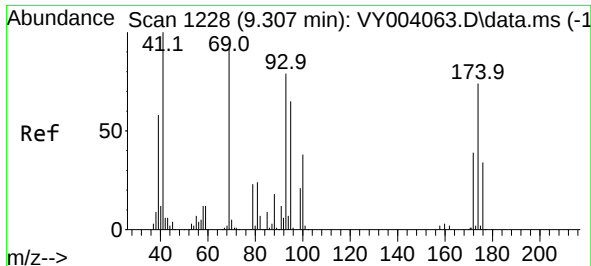
Tgt Ion: 83 Resp: 144495  
Ion Ratio Lower Upper  
83 100  
85 65.9 51.6 77.4  
127 8.9 6.5 9.7



#48  
Methyl methacrylate  
Concen: 47.74 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 41 Resp: 67211  
Ion Ratio Lower Upper  
41 100  
69 88.6 65.1 97.7  
39 65.6 44.2 66.2

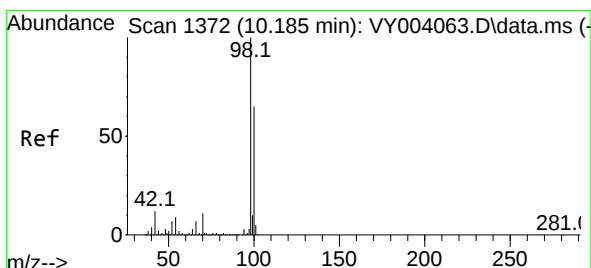
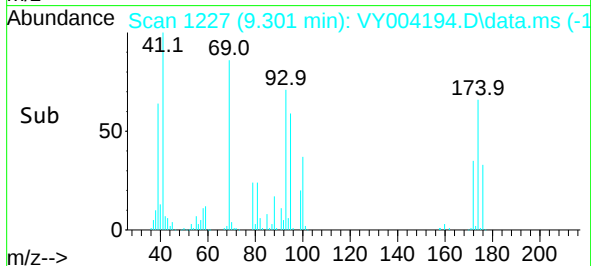
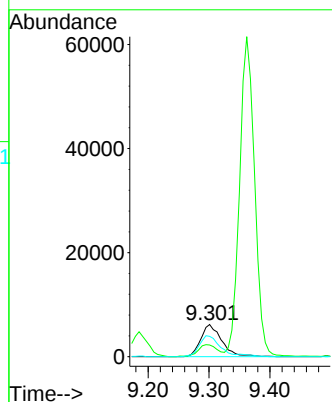
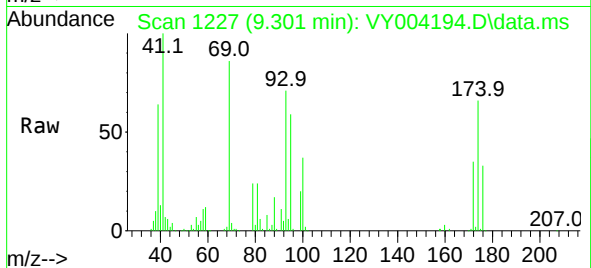




#49  
1,4-Dioxane  
Concen: 1053.23 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

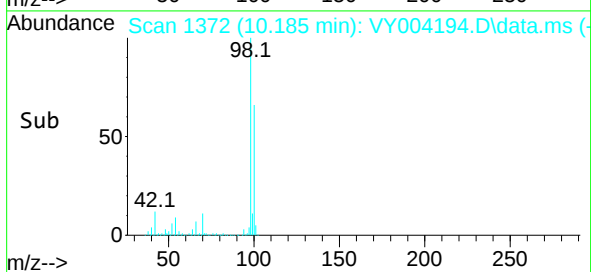
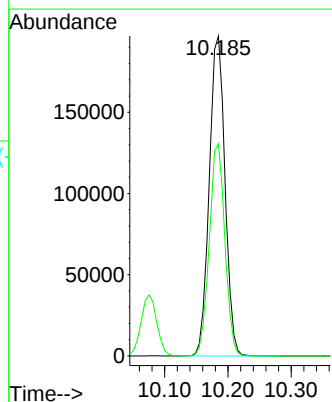
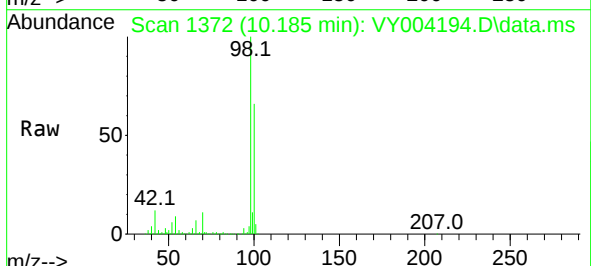
Instrument :  
MSVOA\_Y  
ClientSampled :

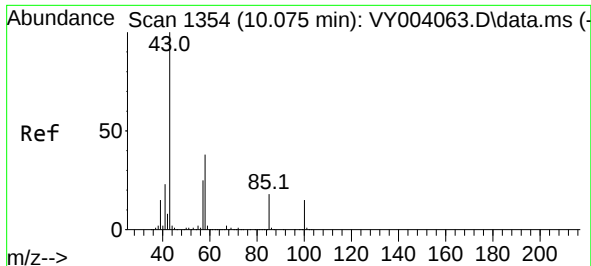
Tgt Ion: 88 Resp: 14780  
Ion Ratio Lower Upper  
88 100  
43 35.4 32.0 48.0  
58 62.8 56.5 84.7



#50  
Toluene-d8  
Concen: 49.33 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 98 Resp: 340293  
Ion Ratio Lower Upper  
98 100  
100 65.7 51.8 77.6

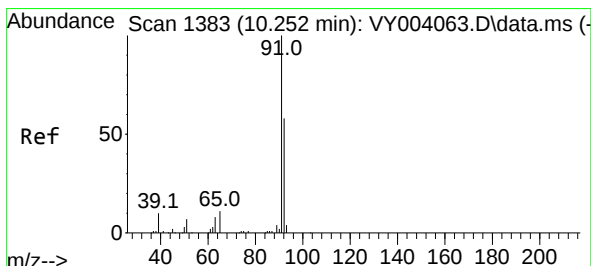
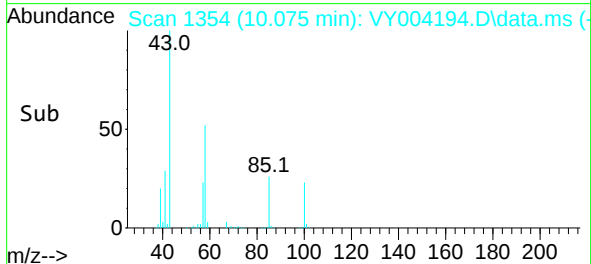
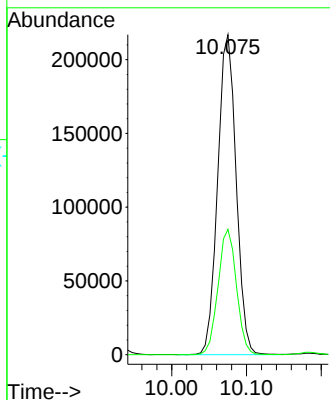
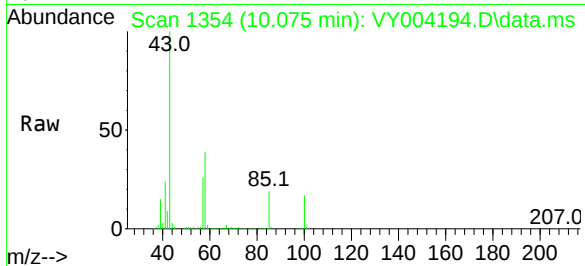




#51  
4-Methyl-2-Pentanone  
Concen: 248.93 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

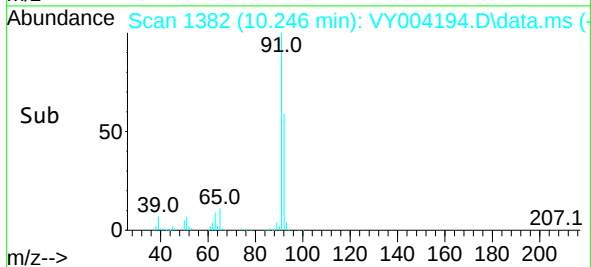
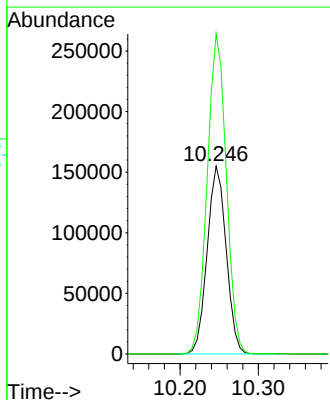
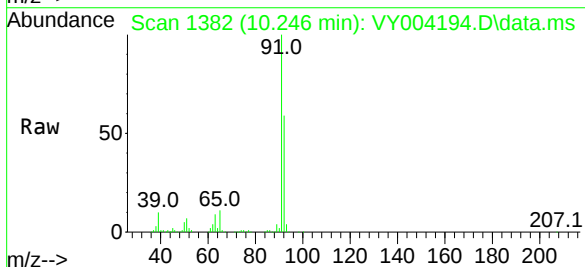
Instrument :  
MSVOA\_Y  
ClientSampled :

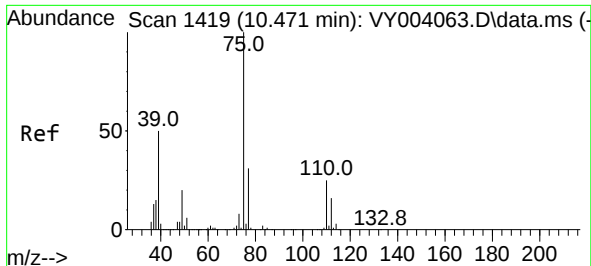
Tgt Ion: 43 Resp: 373575  
Ion Ratio Lower Upper  
43 100  
58 39.0 29.8 44.8



#52  
Toluene  
Concen: 52.09 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 92 Resp: 260520  
Ion Ratio Lower Upper  
92 100  
91 171.4 141.0 211.4

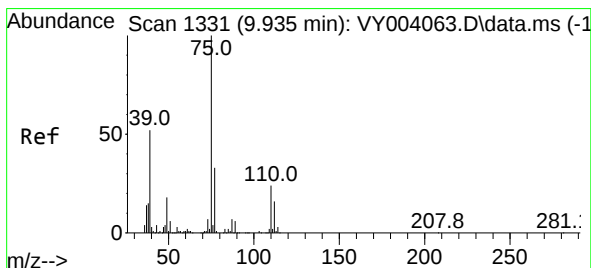
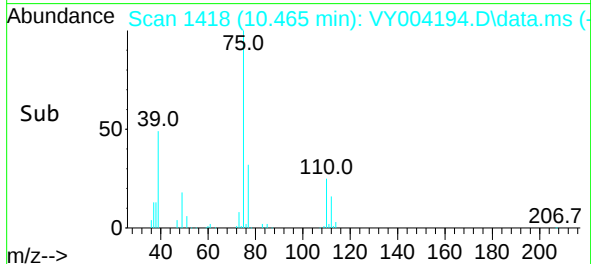
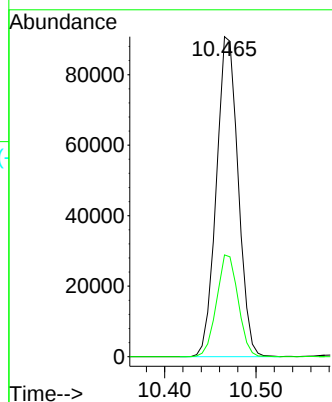
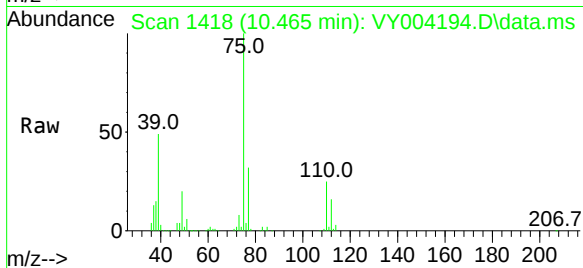




#53  
t-1,3-Dichloropropene  
Concen: 51.84 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

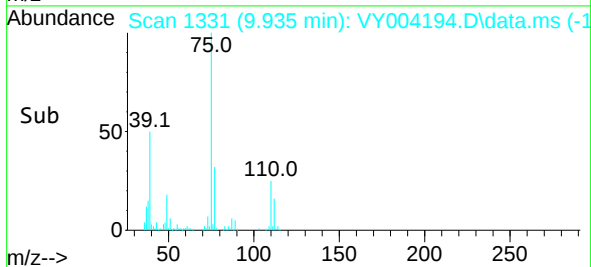
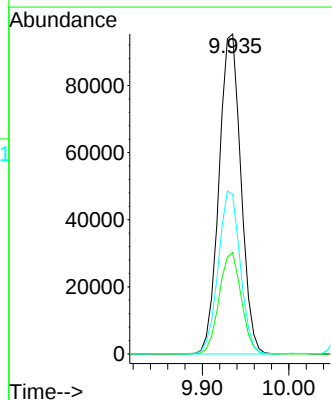
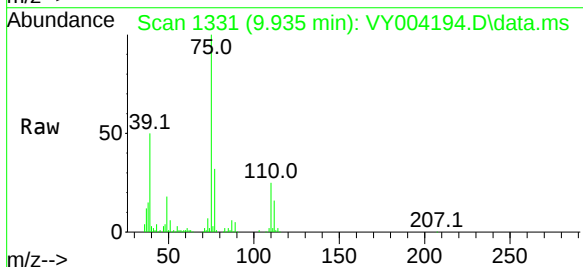
Instrument :  
MSVOA\_Y  
ClientSampleId :

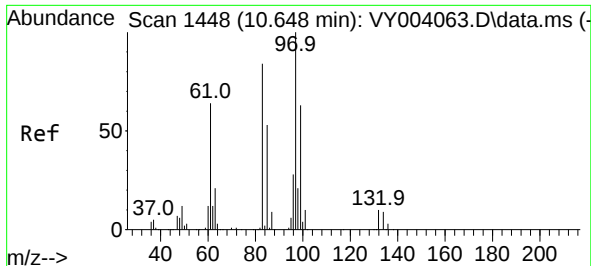
Tgt Ion: 75 Resp: 150500  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 51.50 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 75 Resp: 167551  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.2 36.4  
39 49.7 40.4 60.6

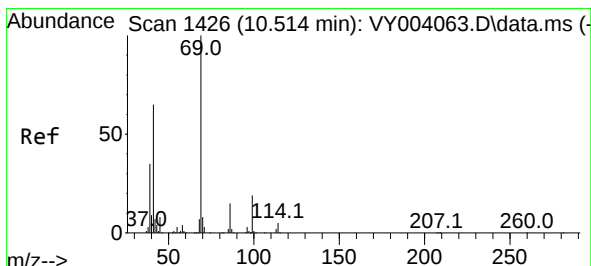
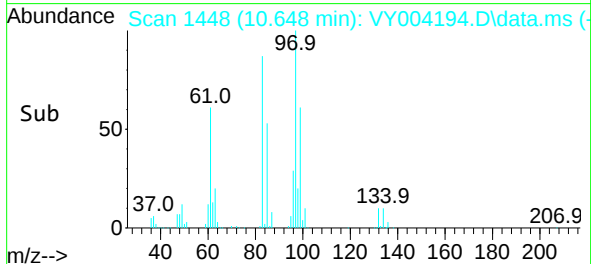
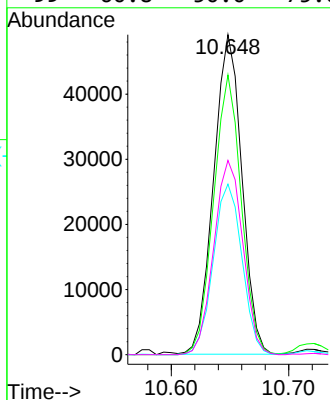
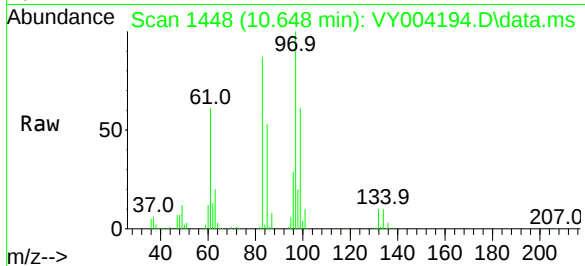




#55  
1,1,2-Trichloroethane  
Concen: 52.85 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

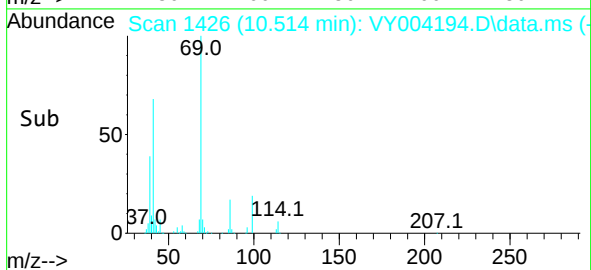
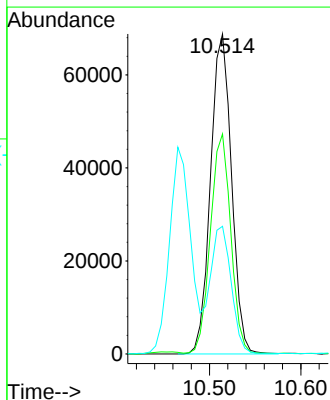
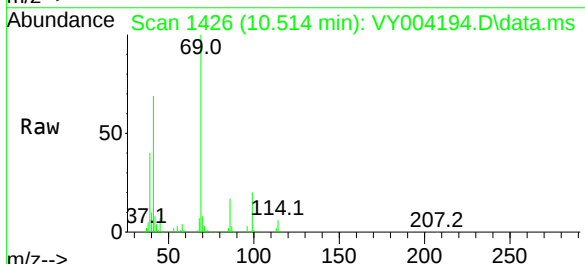
Instrument :  
MSVOA\_Y  
ClientSampled :

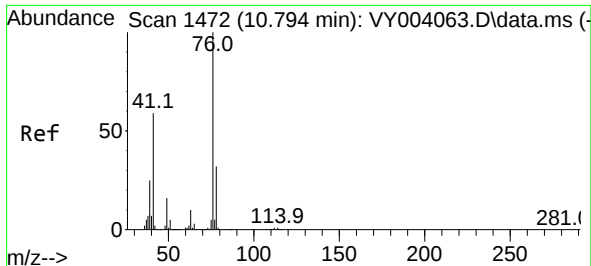
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 81936 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.5  | 69.4  | 104.0 |
| 85       | 53.4  | 43.4  | 65.0  |
| 99       | 60.8  | 50.0  | 75.0  |



#56  
Ethyl methacrylate  
Concen: 50.53 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 109496 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 66.5  | 57.2  | 85.8   |
| 39       | 40.2  | 27.8  | 41.6   |

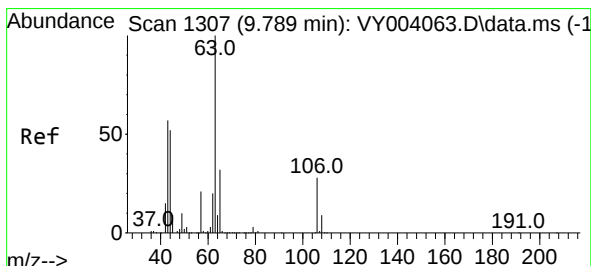
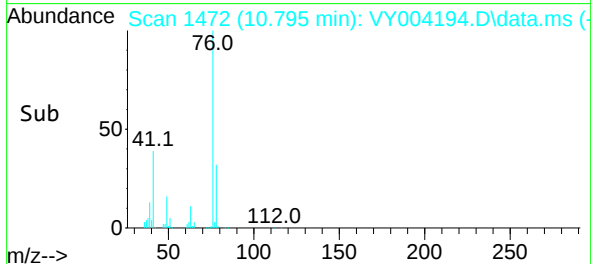
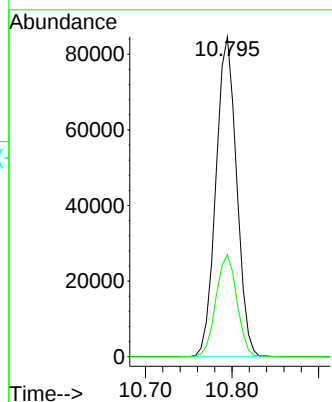
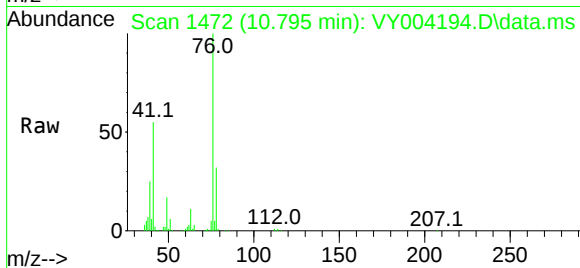




#57  
1,3-Dichloropropane  
Concen: 52.87 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.001 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

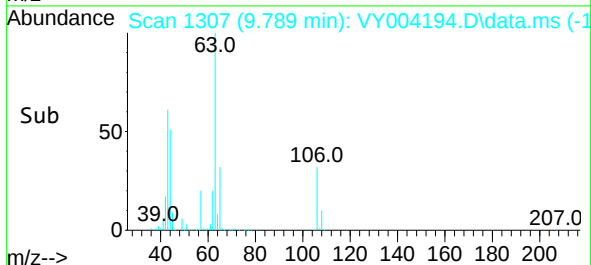
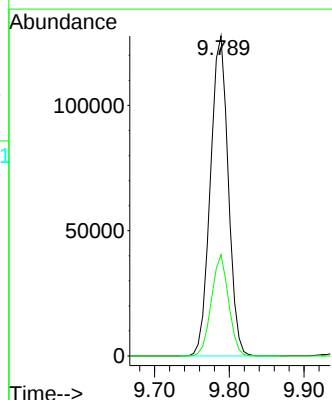
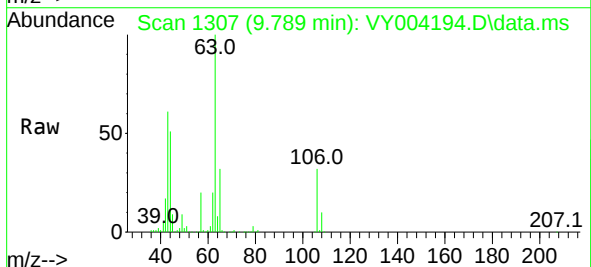
Instrument :  
MSVOA\_Y  
ClientSampled :

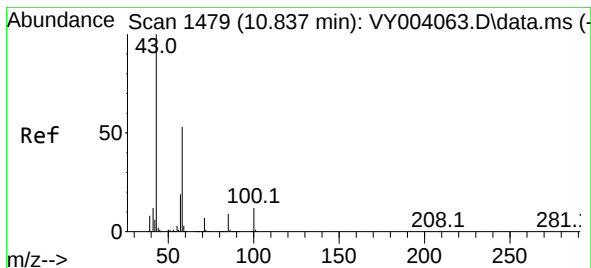
Tgt Ion: 76 Resp: 140348  
Ion Ratio Lower Upper  
76 100  
78 32.3 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 249.59 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 63 Resp: 211683  
Ion Ratio Lower Upper  
63 100  
106 30.4 22.1 33.1

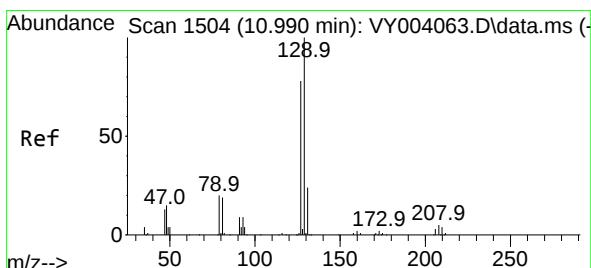
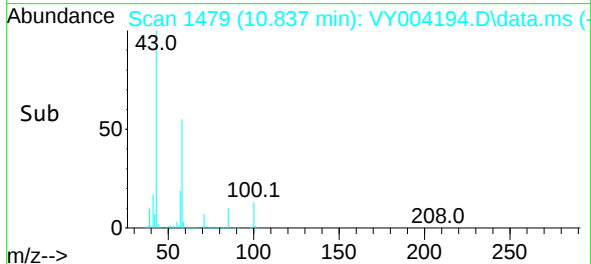
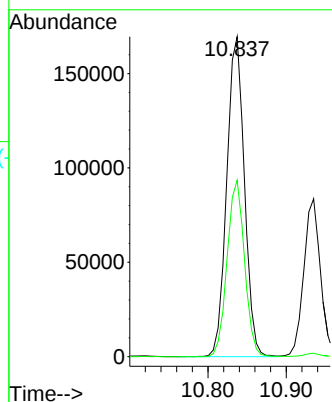
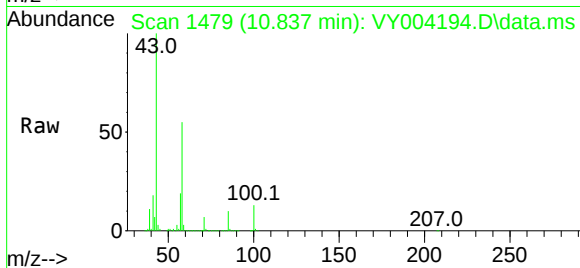




#59  
2-Hexanone  
Concen: 252.29 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

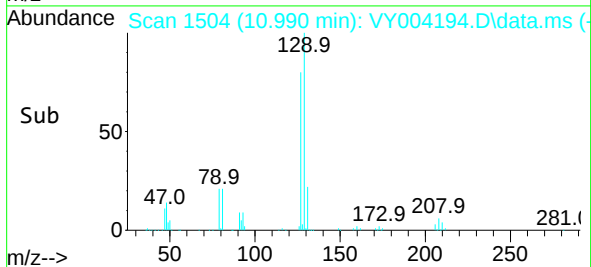
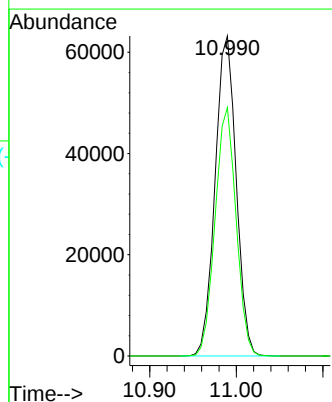
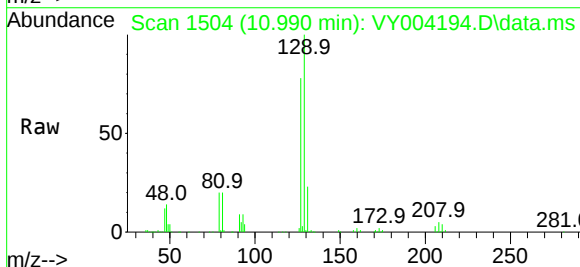
Instrument :  
MSVOA\_Y  
ClientSampled :

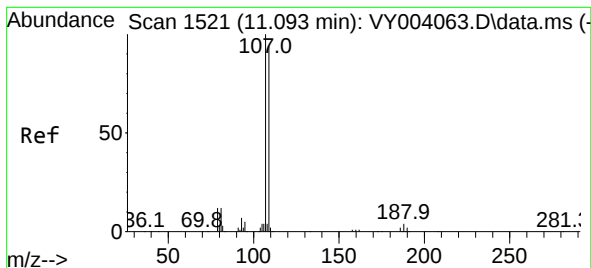
Tgt Ion: 43 Resp: 266011  
Ion Ratio Lower Upper  
43 100  
58 54.3 26.5 79.4



#60  
Dibromochloromethane  
Concen: 54.94 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:129 Resp: 106936  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.0 117.0

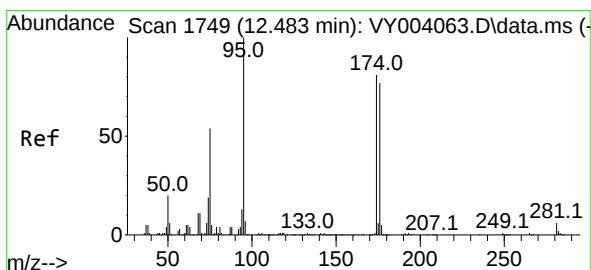
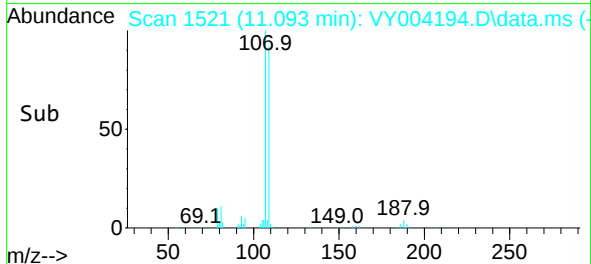
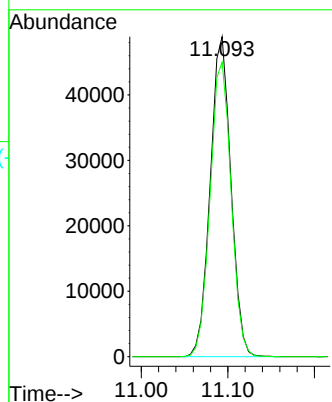
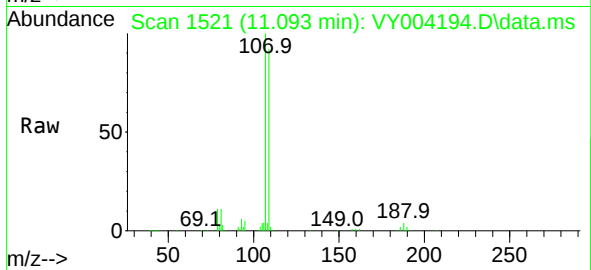




#61  
1,2-Dibromoethane  
Concen: 53.70 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

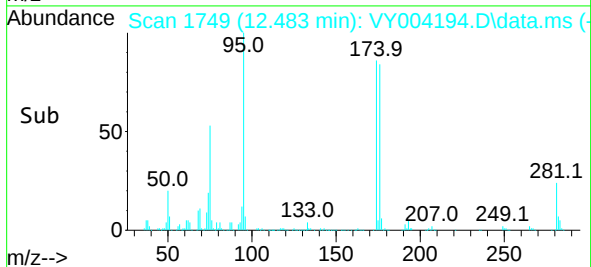
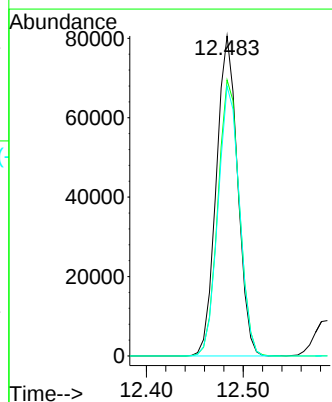
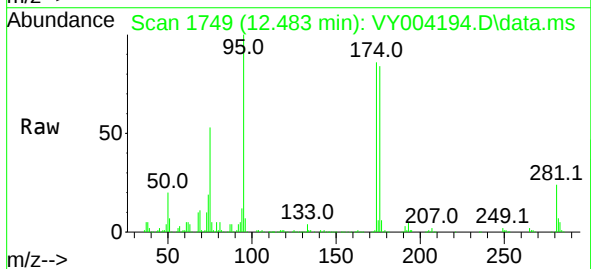
Instrument :  
MSVOA\_Y  
ClientSampled :

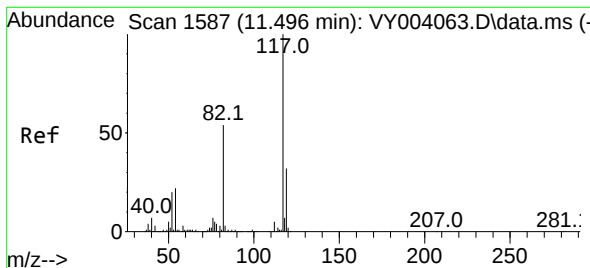
Tgt Ion:107 Resp: 81058  
Ion Ratio Lower Upper  
107 100  
109 93.5 76.7 115.1



#62  
4-Bromofluorobenzene  
Concen: 48.27 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 95 Resp: 122996  
Ion Ratio Lower Upper  
95 100  
174 86.9 0.0 179.0  
176 84.7 0.0 174.4

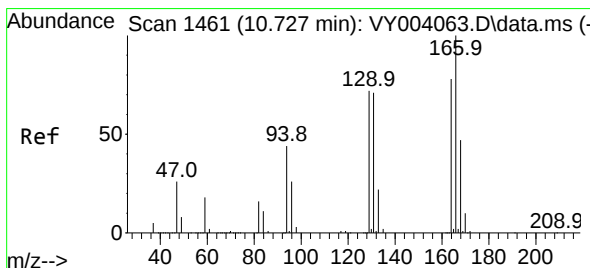
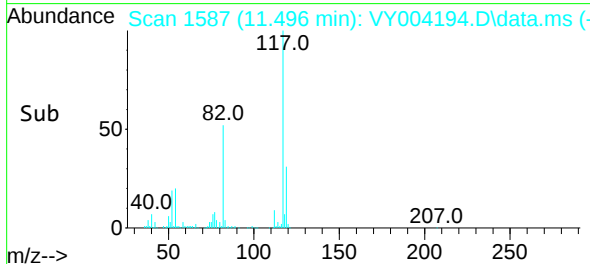
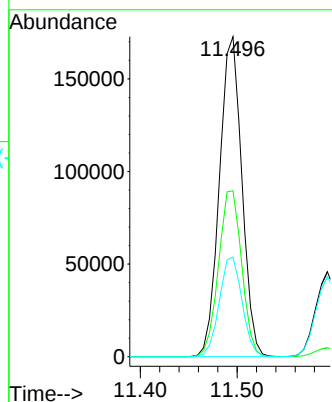
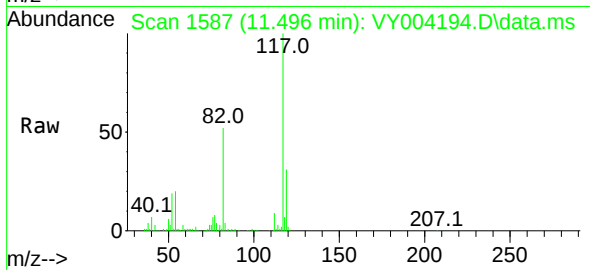




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

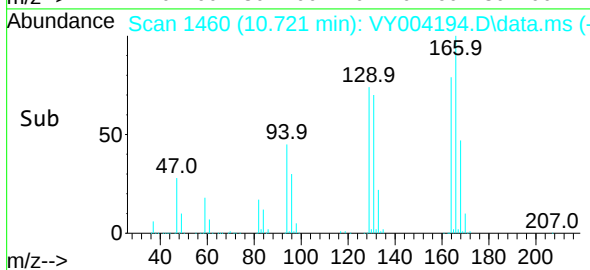
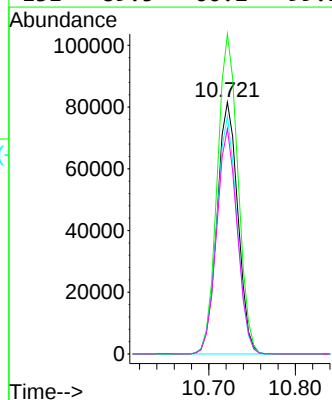
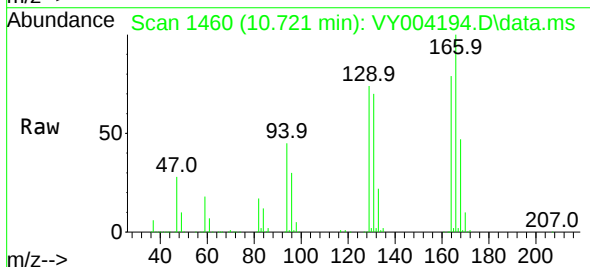
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:117 Resp: 278275  
Ion Ratio Lower Upper  
117 100  
82 51.9 43.8 65.6  
119 31.1 26.2 39.2



#64  
Tetrachloroethene  
Concen: 58.36 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:164 Resp: 135946  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.7 154.1  
129 94.3 70.6 105.8  
131 89.5 66.2 99.2

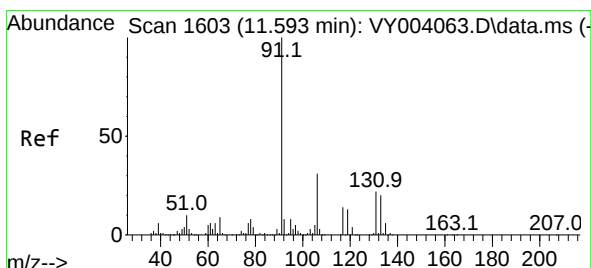
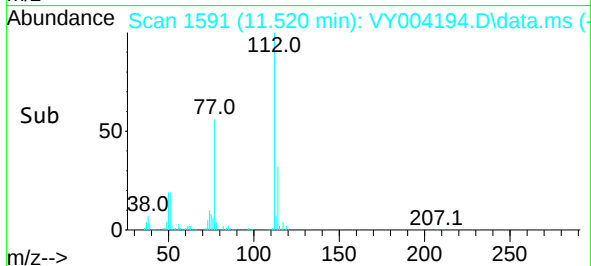
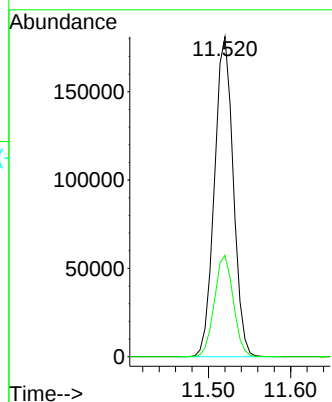
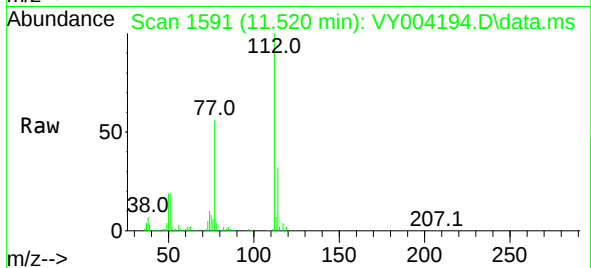




#65  
Chlorobenzene  
Concen: 53.94 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

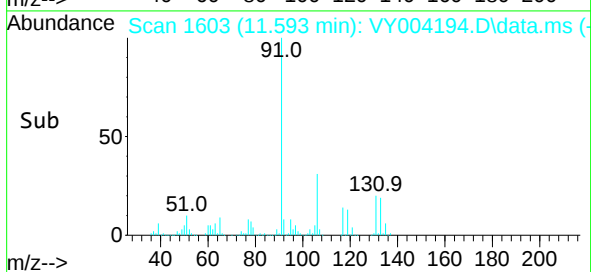
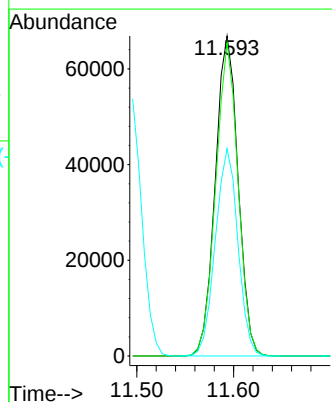
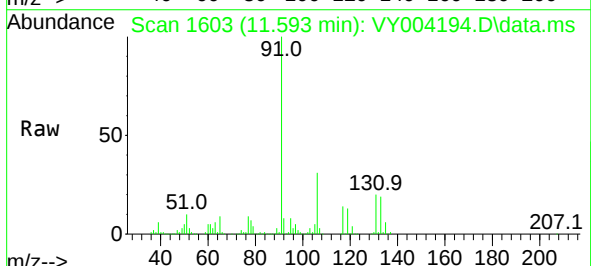
Instrument :  
MSVOA\_Y  
ClientSampled :

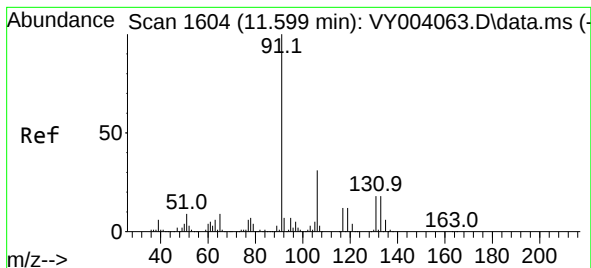
Tgt Ion:112 Resp: 287617  
Ion Ratio Lower Upper  
112 100  
114 31.7 26.5 39.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.71 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:131 Resp: 109145  
Ion Ratio Lower Upper  
131 100  
133 95.8 48.1 144.3  
119 64.1 31.5 94.5





#67

Ethyl Benzene

Concen: 52.84 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY004194.D

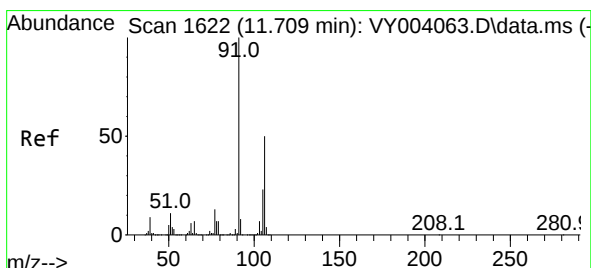
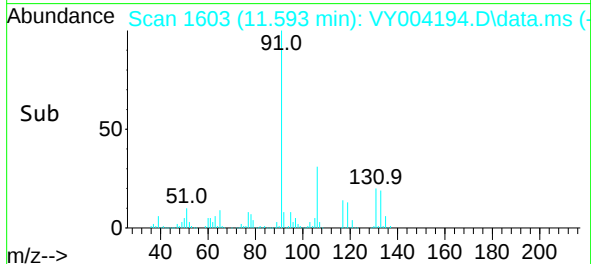
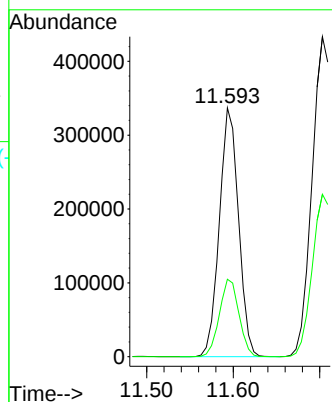
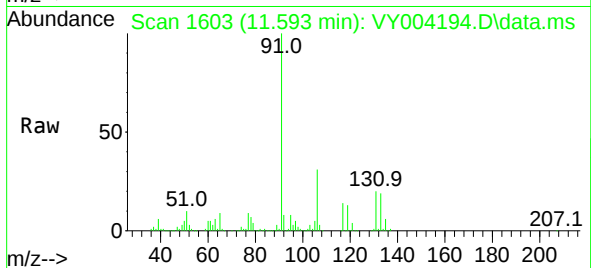
Acq: 25 Mar 2021 10:35

Tgt Ion: 91 Resp: 517355

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 106.61 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY004194.D

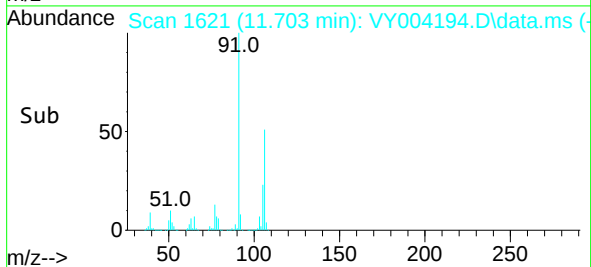
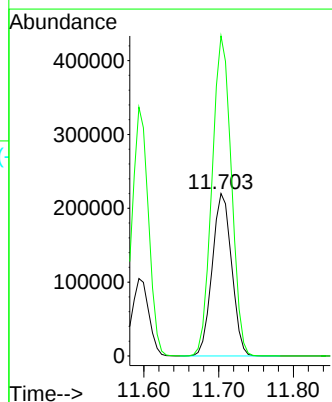
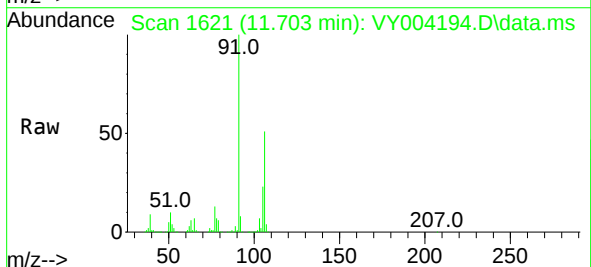
Acq: 25 Mar 2021 10:35

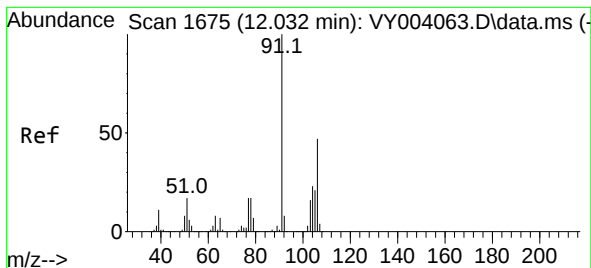
Tgt Ion:106 Resp: 398065

Ion Ratio Lower Upper

106 100

91 196.3 165.4 248.0

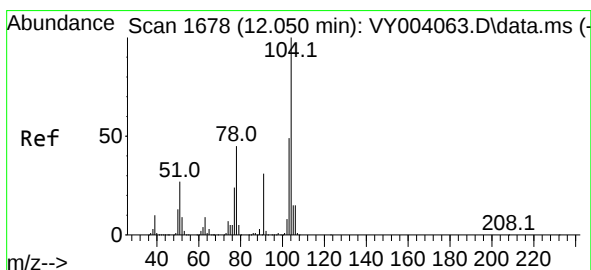
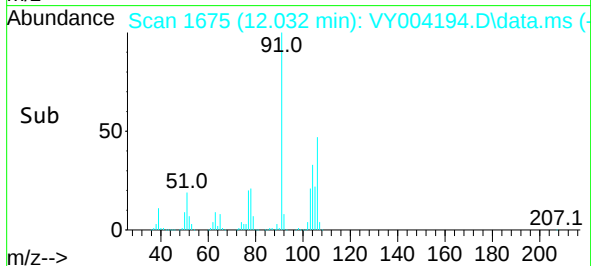
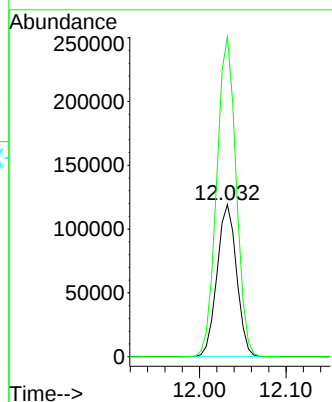
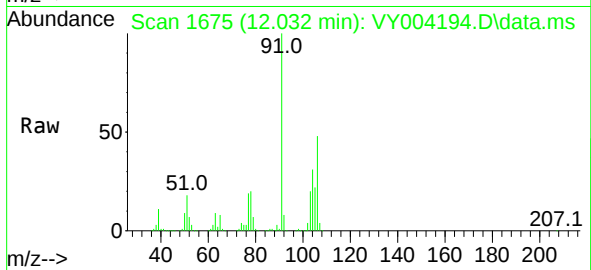




#69  
o-Xylene  
Concen: 52.92 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

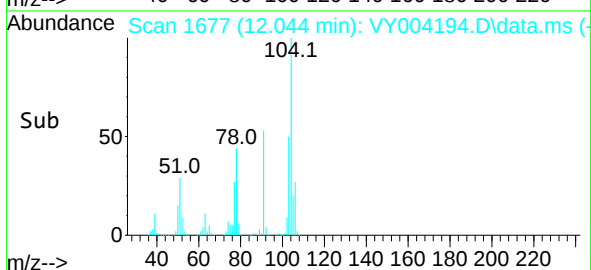
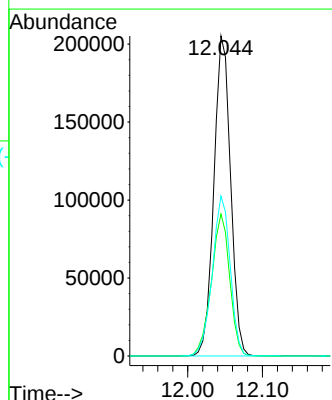
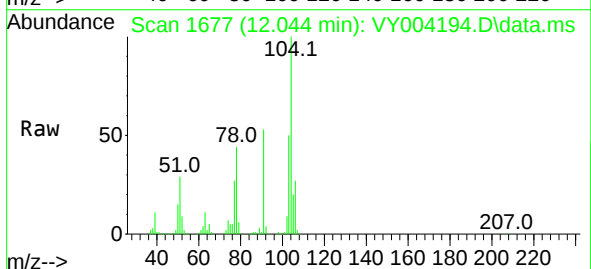
Instrument :  
MSVOA\_Y  
ClientSampled :

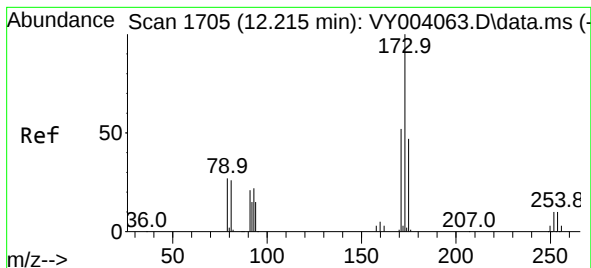
Tgt Ion:106 Resp: 186804  
Ion Ratio Lower Upper  
106 100  
91 209.4 108.9 326.7



#70  
Styrene  
Concen: 52.87 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:104 Resp: 319546  
Ion Ratio Lower Upper  
104 100  
78 48.5 41.1 61.7  
103 53.5 43.9 65.9

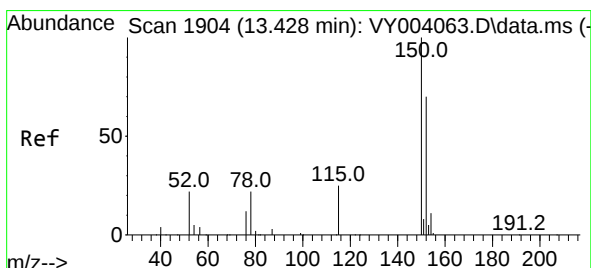
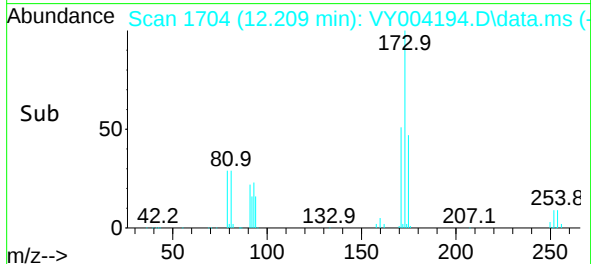
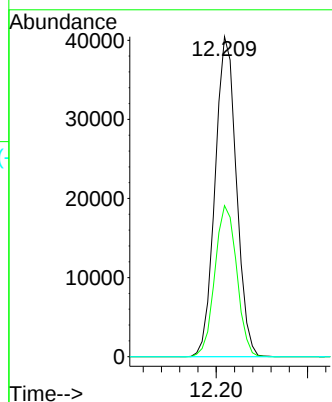
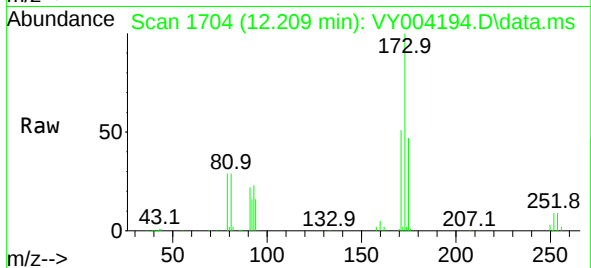




#71  
Bromoform  
Concen: 54.88 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

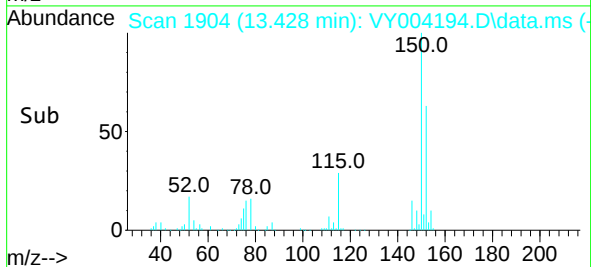
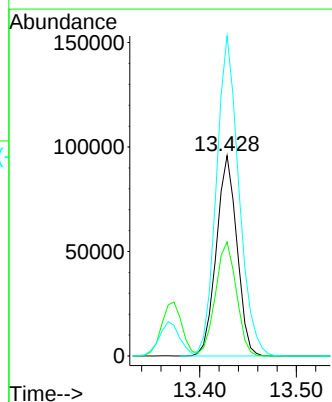
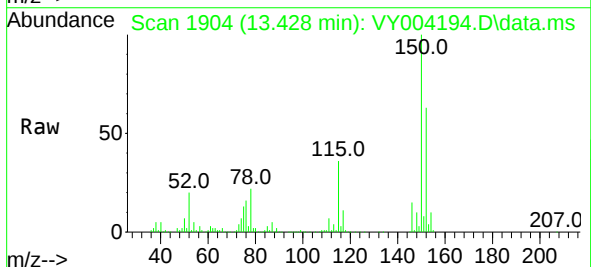
Instrument :  
MSVOA\_Y  
ClientSampleId :

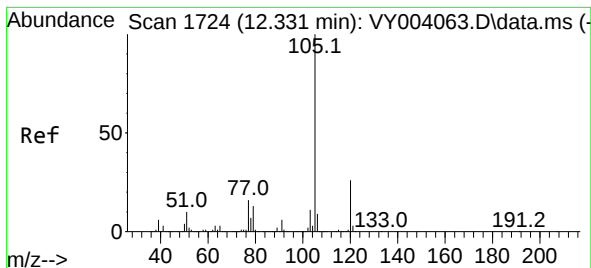
Tgt Ion:173 Resp: 65505  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.1 72.4  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:152 Resp: 141313  
Ion Ratio Lower Upper  
152 100  
115 57.9 28.2 84.6  
150 175.0 0.0 347.2

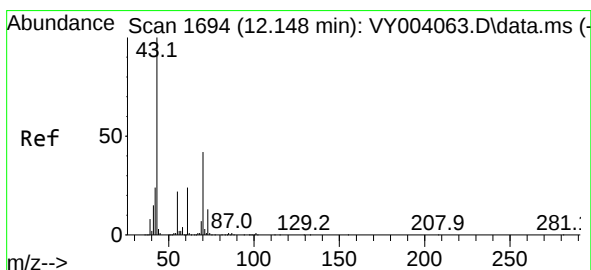
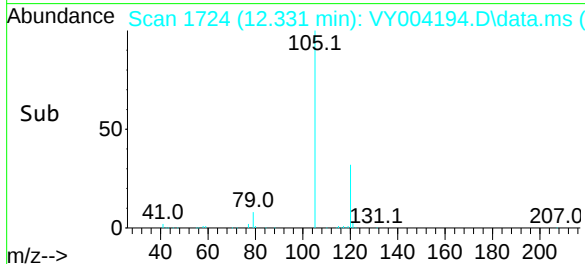
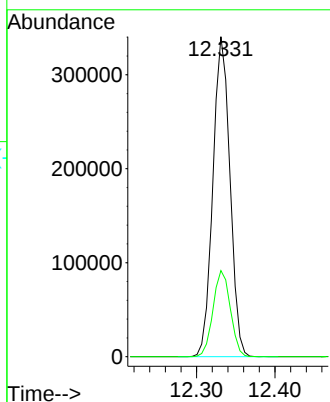
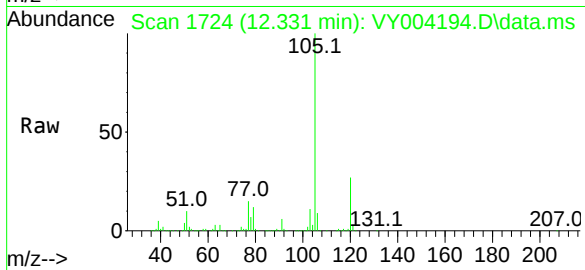




#73  
Isopropylbenzene  
Concen: 52.43 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

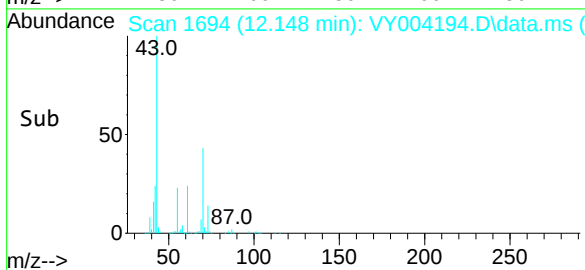
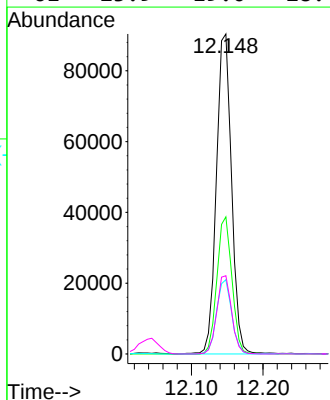
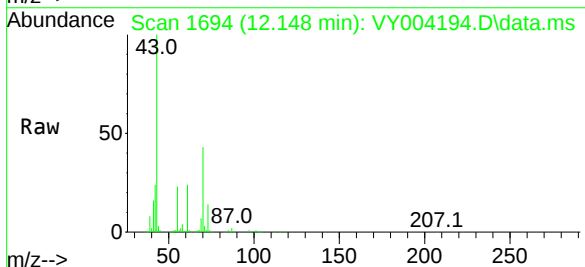
Instrument :  
MSVOA\_Y  
ClientSampleId :

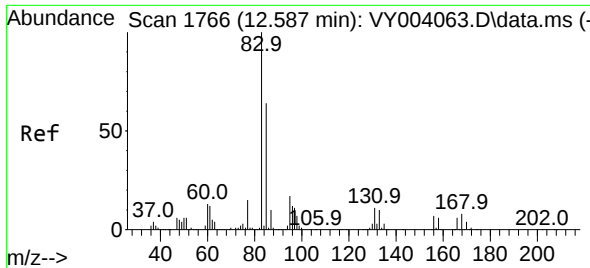
Tgt Ion:105 Resp: 514925  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.3 39.9



#74  
N-ethyl acetate  
Concen: 47.37 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 43 Resp: 133243  
Ion Ratio Lower Upper  
43 100  
70 42.4 32.3 48.5  
55 23.1 18.4 27.6  
61 23.9 19.0 28.4

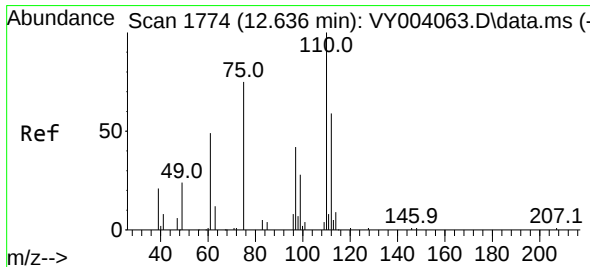
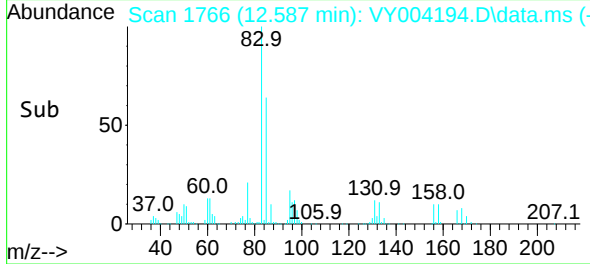
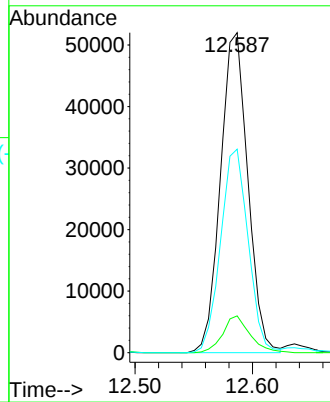
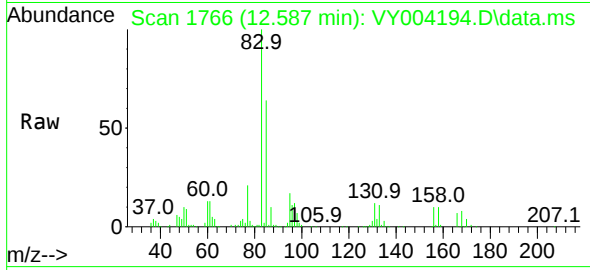




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.36 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

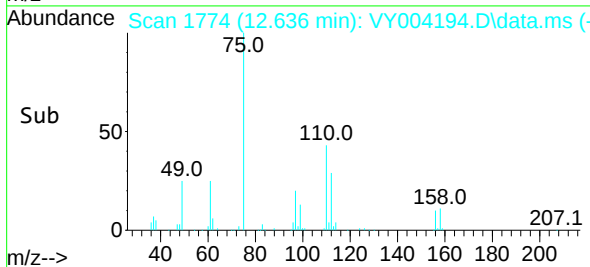
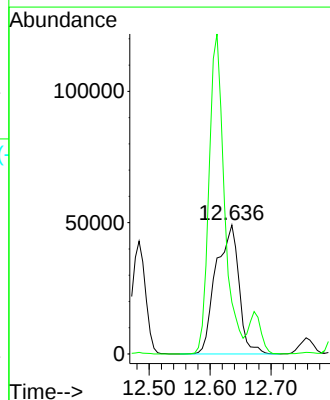
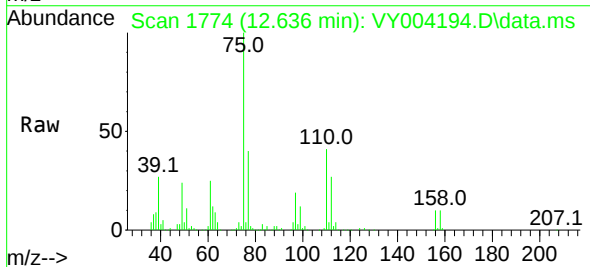
Instrument :  
MSVOA\_Y  
ClientSampleId :

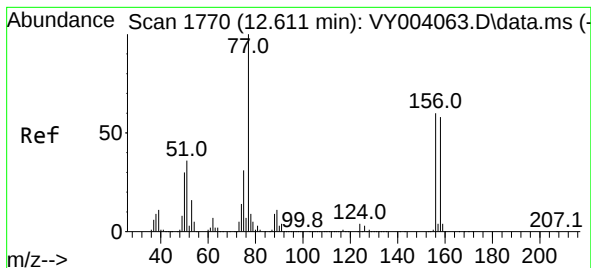
Tgt Ion: 83 Resp: 84212  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.5 16.4  
85 64.2 31.6 95.0



#76  
1,2,3-Trichloropropane  
Concen: 95.00 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 75 Resp: 128729  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

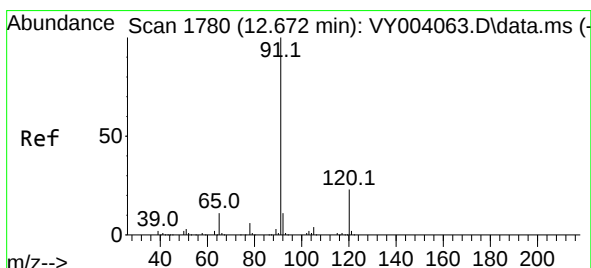
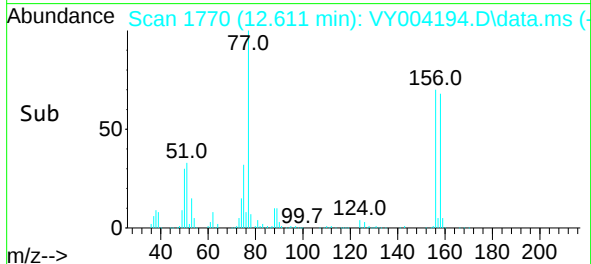
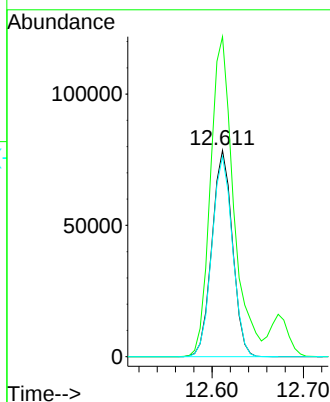
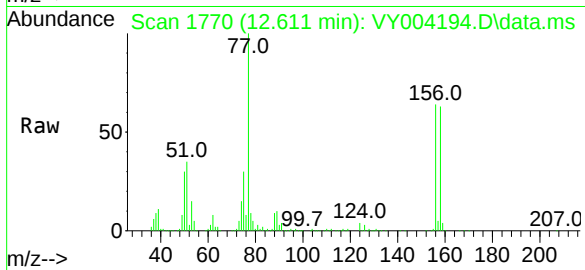




#77  
Bromobenzene  
Concen: 53.94 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

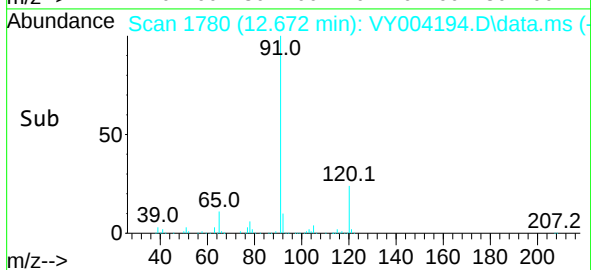
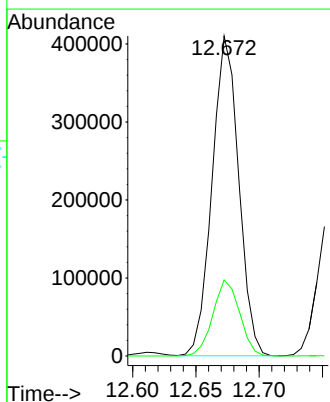
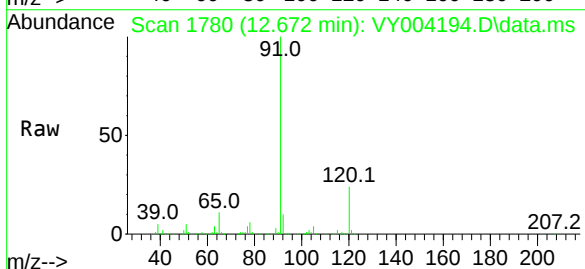
Instrument :  
MSVOA\_Y  
ClientSampled :

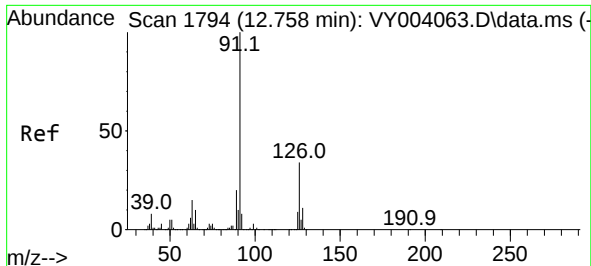
Tgt Ion:156 Resp: 122390  
Ion Ratio Lower Upper  
156 100  
77 175.0 90.5 271.3  
158 97.5 48.9 146.6



#78  
n-propylbenzene  
Concen: 51.80 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 91 Resp: 599321  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.3 33.9

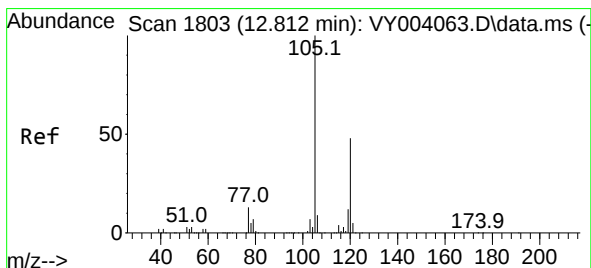
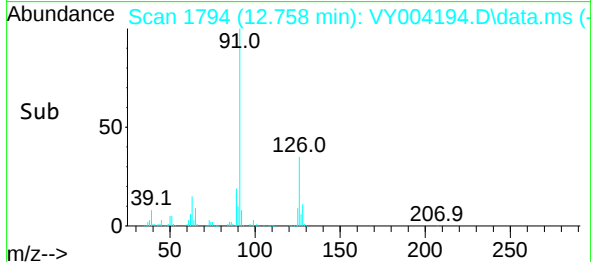
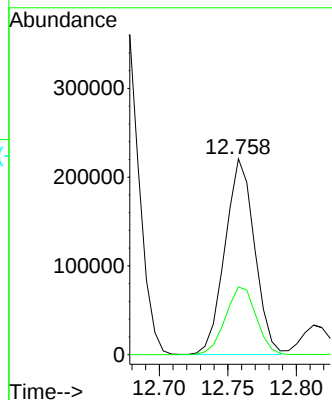
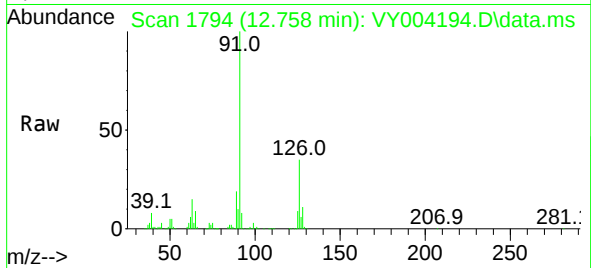




#79  
2-Chlorotoluene  
Concen: 51.07 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

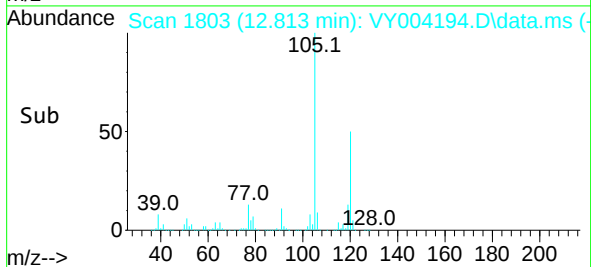
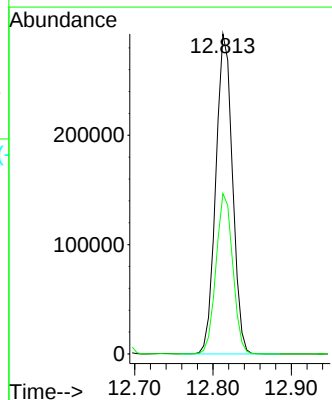
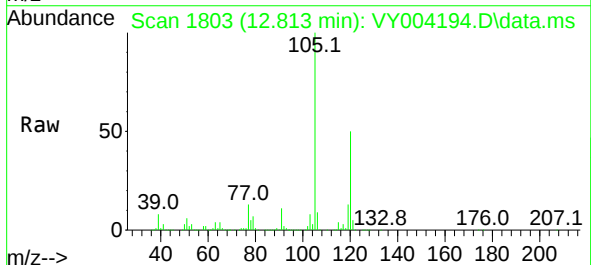
Instrument :  
MSVOA\_Y  
ClientSampleId :

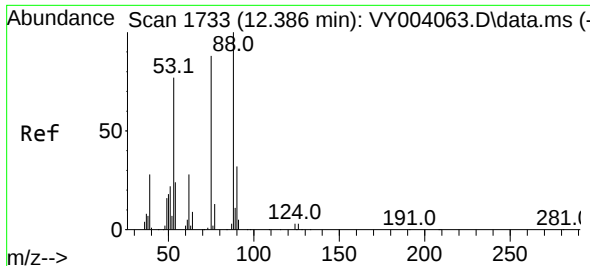
Tgt Ion: 91 Resp: 331756  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 52.00 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 105 Resp: 433166  
Ion Ratio Lower Upper  
105 100  
120 50.2 24.1 72.2

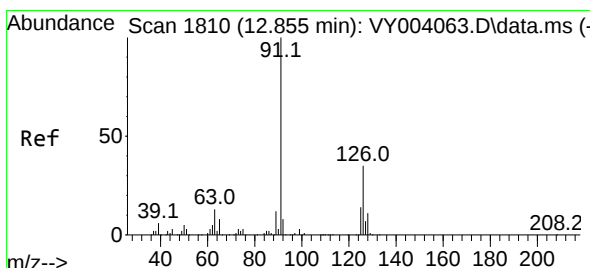
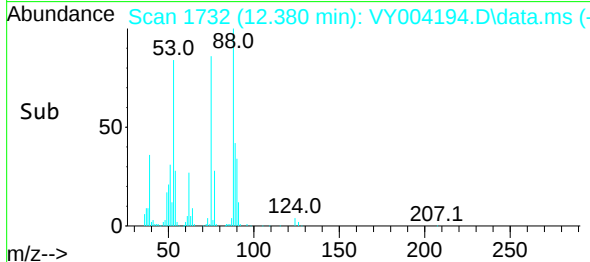
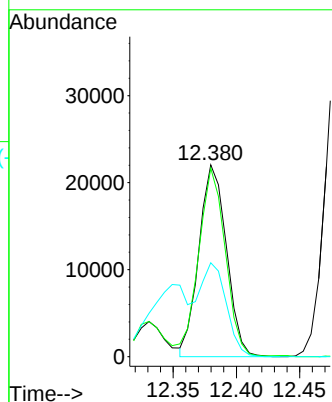
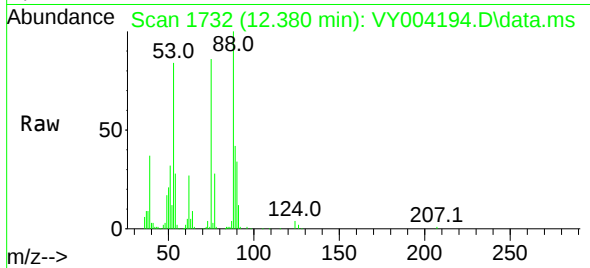




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.65 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

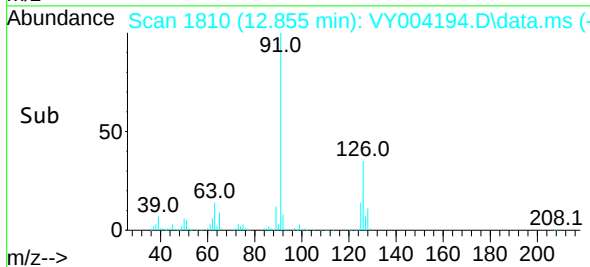
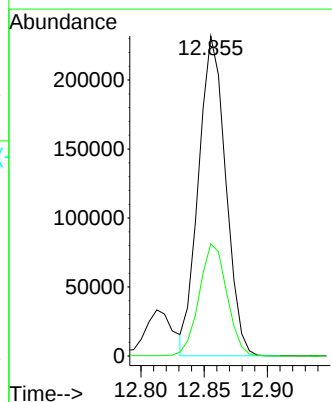
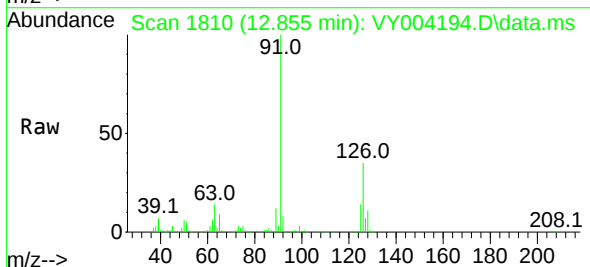
Instrument :  
MSVOA\_Y  
ClientSampleId :

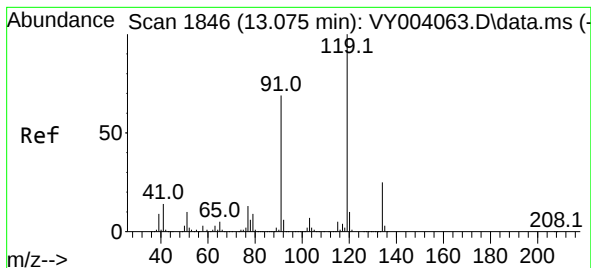
Tgt Ion: 75 Resp: 33401  
Ion Ratio Lower Upper  
75 100  
53 96.5 73.5 110.3  
89 49.9 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 50.33 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 91 Resp: 346065  
Ion Ratio Lower Upper  
91 100  
126 35.8 16.8 50.4

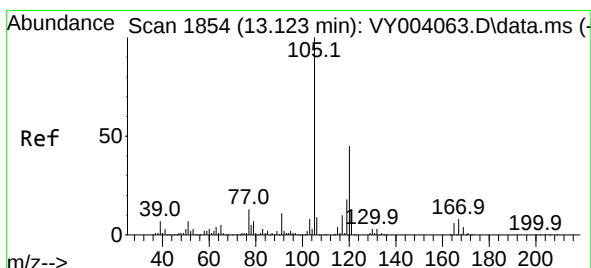
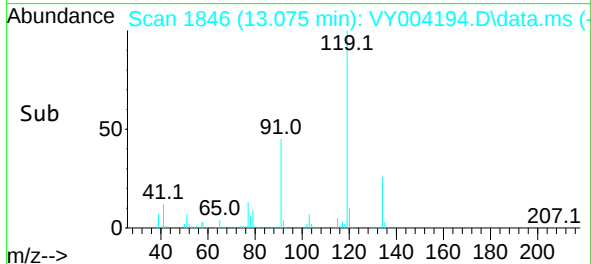
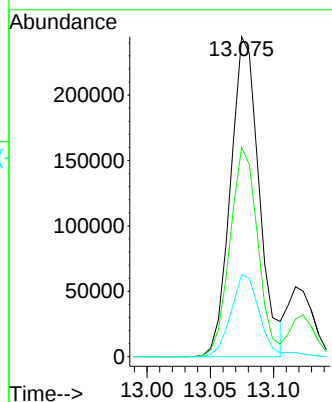
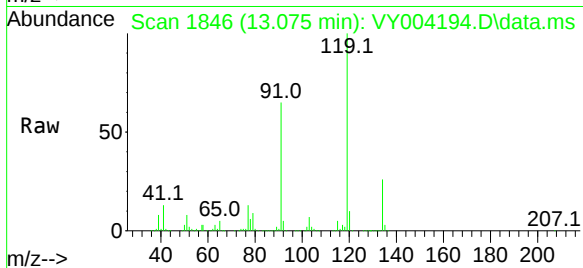




#83  
tert-Butylbenzene  
Concen: 53.60 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

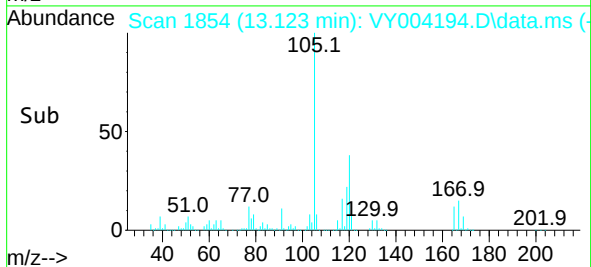
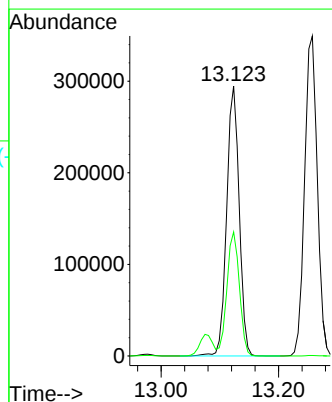
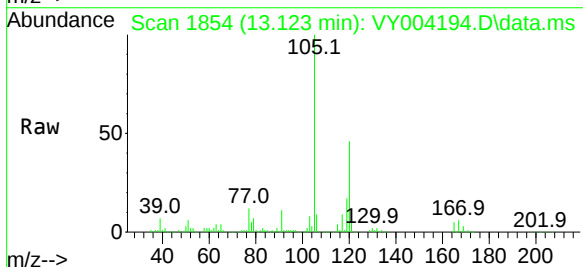
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:119 Resp: 384155  
Ion Ratio Lower Upper  
119 100  
91 63.9 33.0 99.0  
134 26.1 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 52.23 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:105 Resp: 435710  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.1 66.3

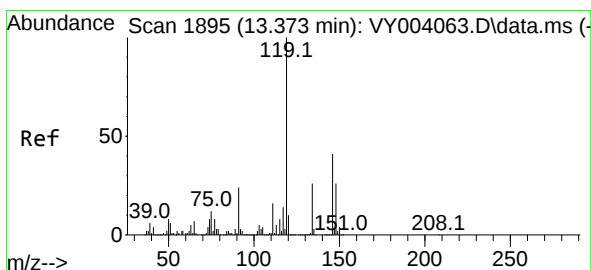
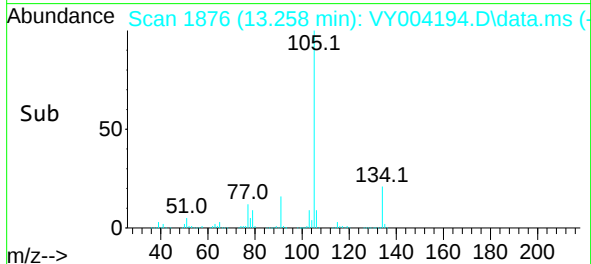
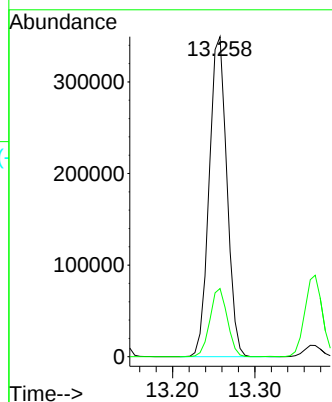
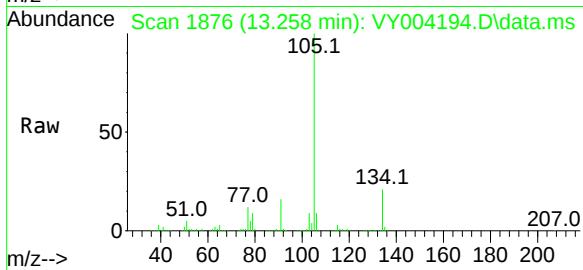




#85  
 sec-Butylbenzene  
 Concen: 52.75 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. 0.001 min  
 Lab File: VY004194.D  
 Acq: 25 Mar 2021 10:35

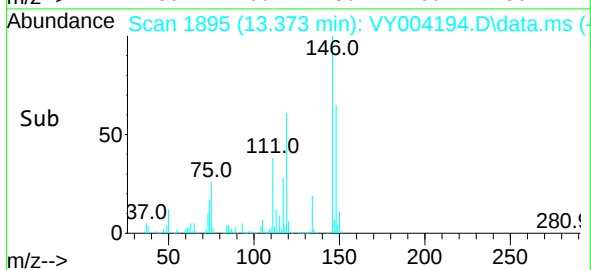
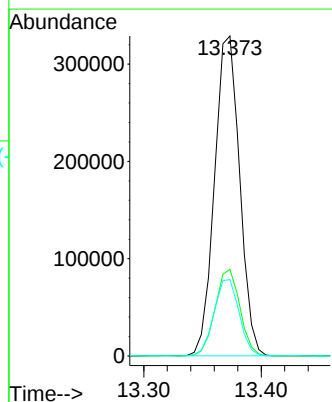
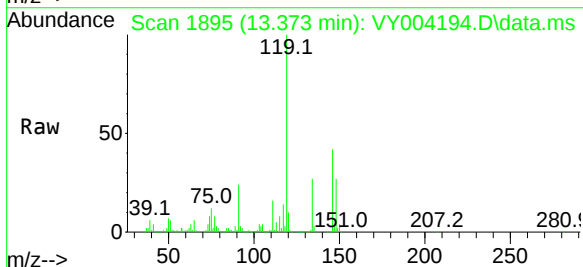
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

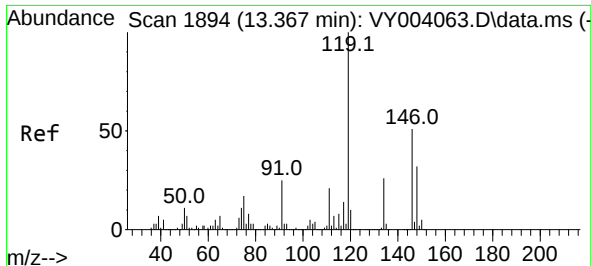
Tgt Ion:105 Resp: 521301  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 53.29 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004194.D  
 Acq: 25 Mar 2021 10:35

Tgt Ion:119 Resp: 488254  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.2 39.5  
 91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 53.81 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

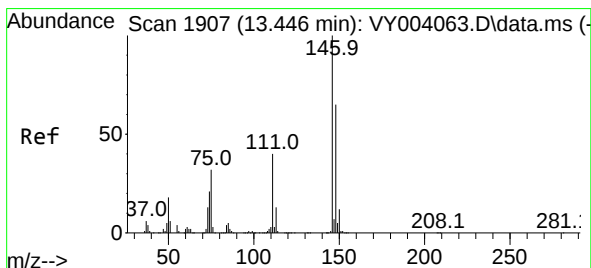
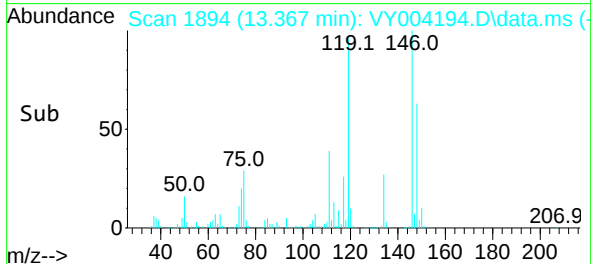
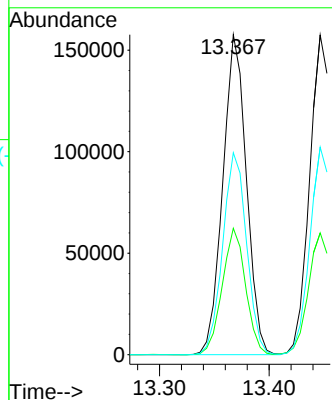
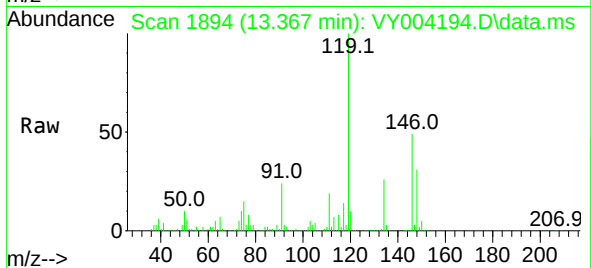
Tgt Ion:146 Resp: 235681

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.38 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY004194.D

Acq: 25 Mar 2021 10:35

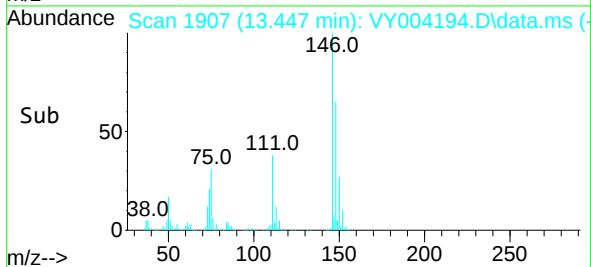
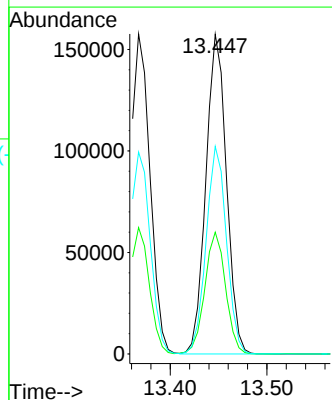
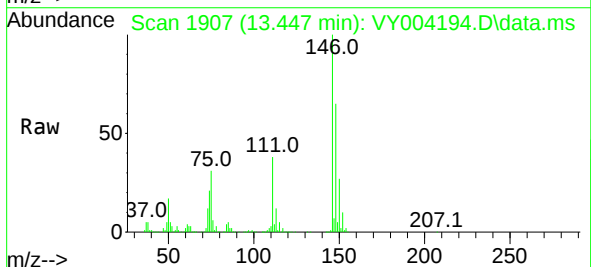
Tgt Ion:146 Resp: 233379

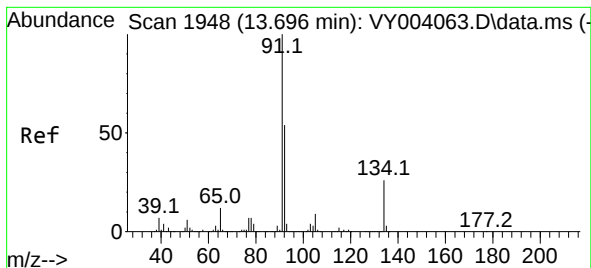
Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

148 64.5 31.8 95.4

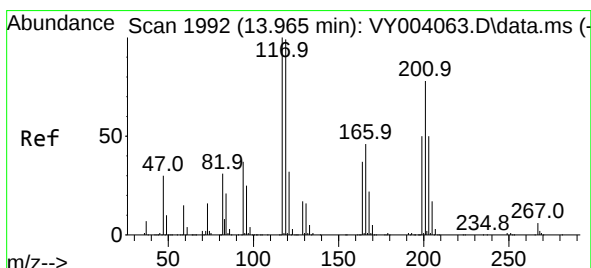
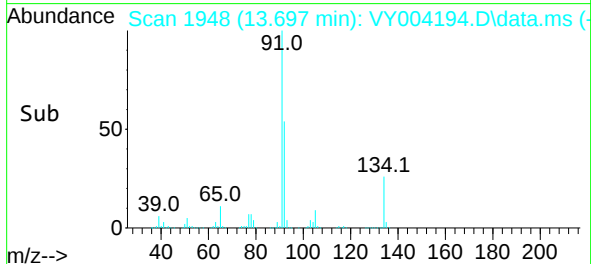
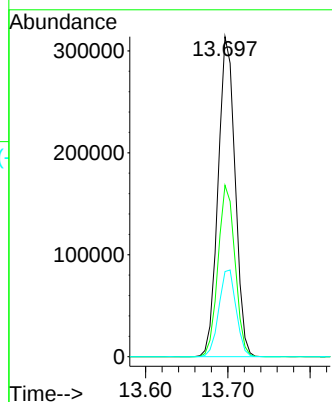
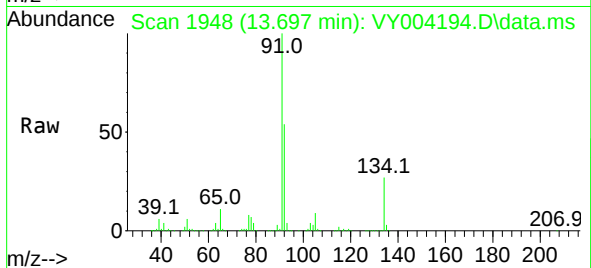




#89  
n-Butylbenzene  
Concen: 51.71 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.001 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

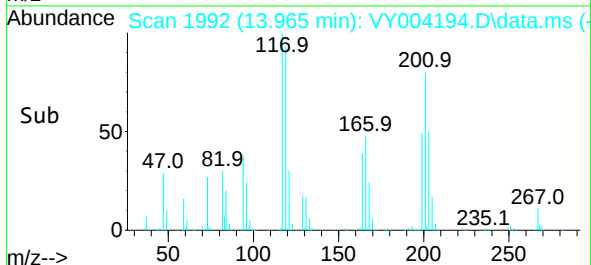
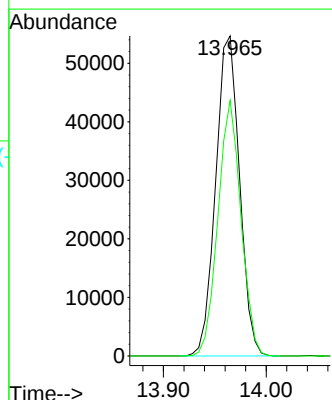
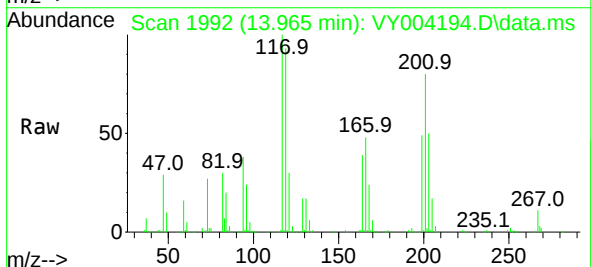
Instrument :  
MSVOA\_Y  
ClientSampled :

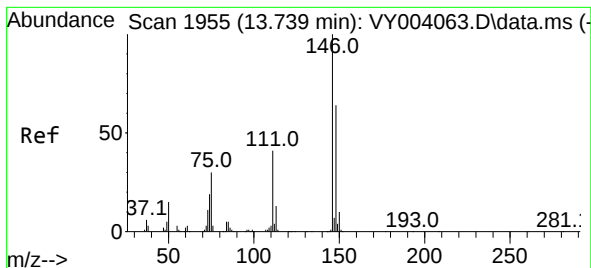
Tgt Ion: 91 Resp: 450899  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.5 79.4  
134 27.6 13.2 39.5



#90  
Hexachloroethane  
Concen: 53.45 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 117 Resp: 87998  
Ion Ratio Lower Upper  
117 100  
201 77.0 46.0 138.0

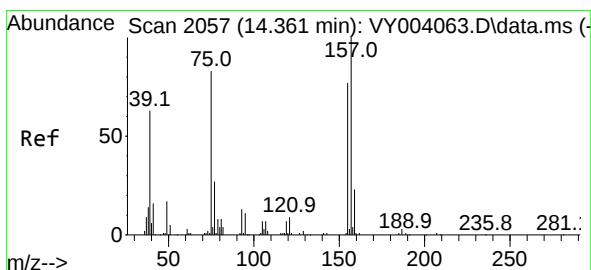
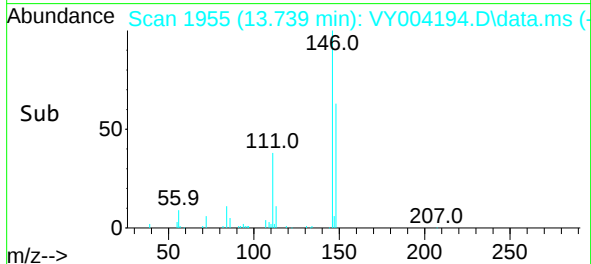
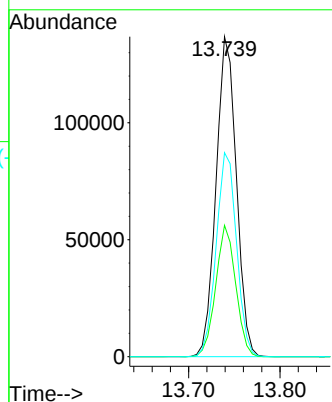
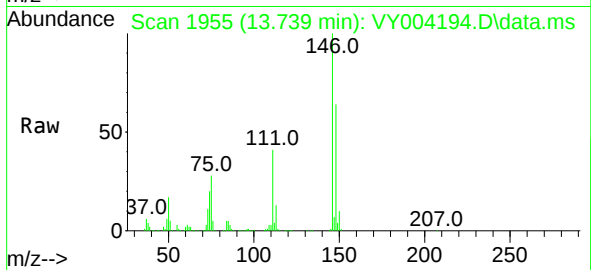




#91  
1,2-Dichlorobenzene  
Concen: 54.50 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

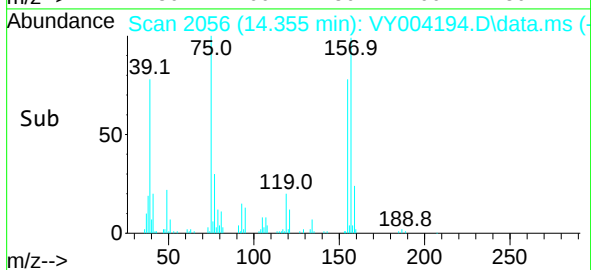
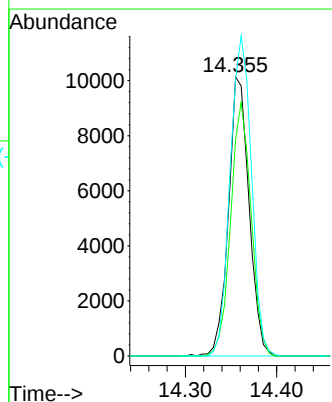
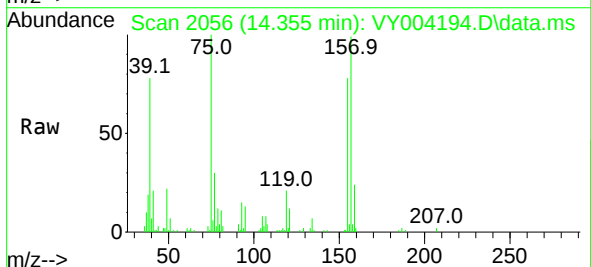
Instrument :  
MSVOA\_Y  
ClientSampled :

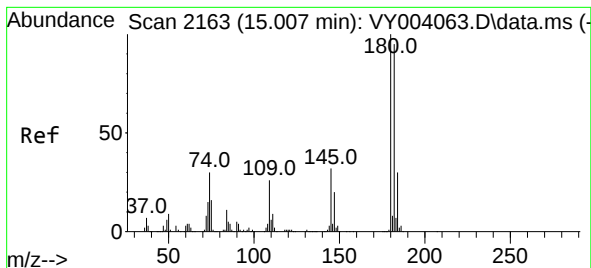
Tgt Ion:146 Resp: 211725  
Ion Ratio Lower Upper  
146 100  
111 40.3 19.6 58.8  
148 64.0 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.25 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion: 75 Resp: 15877  
Ion Ratio Lower Upper  
75 100  
155 90.0 42.8 128.4  
157 118.2 52.4 157.3

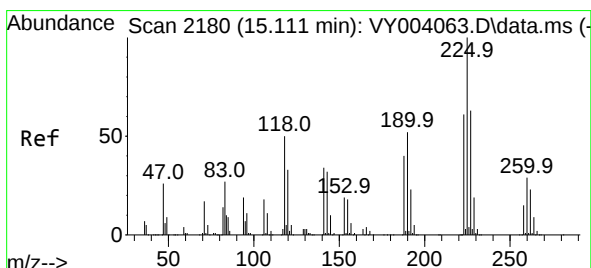
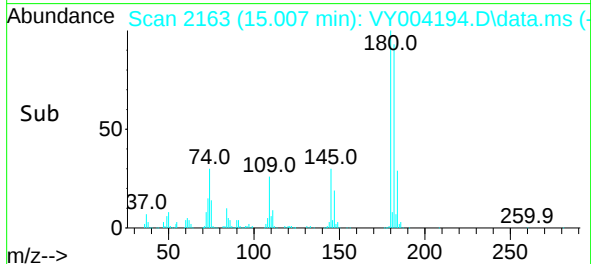
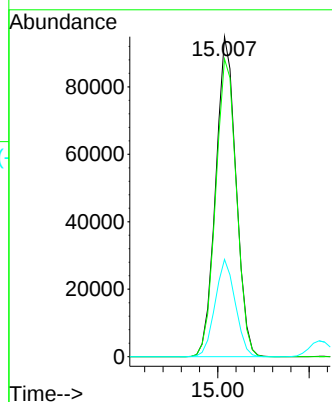
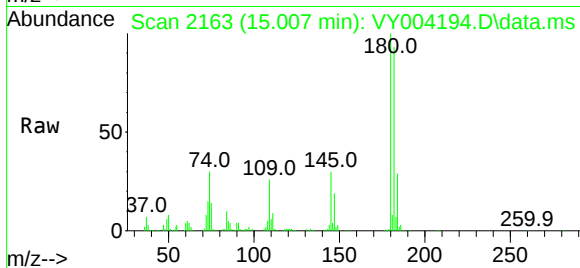




#93  
1,2,4-Trichlorobenzene  
Concen: 55.50 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

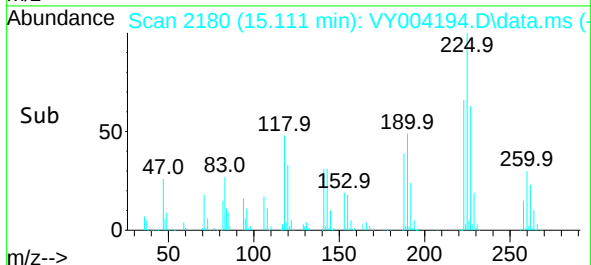
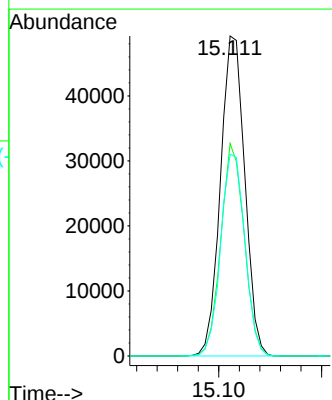
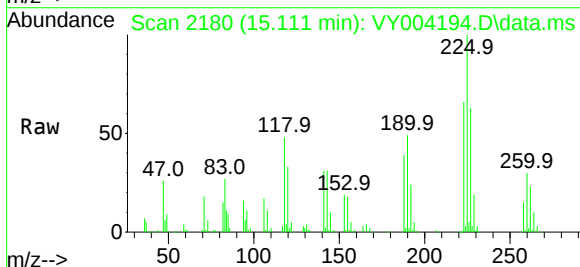
Instrument :  
MSVOA\_Y  
ClientSampled :

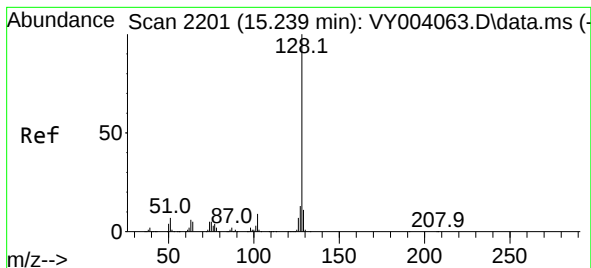
Tgt Ion:180 Resp: 146224  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.0 144.0  
145 30.3 14.1 42.2



#94  
Hexachlorobutadiene  
Concen: 54.74 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:225 Resp: 80855  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.5 94.5  
227 62.9 32.1 96.3

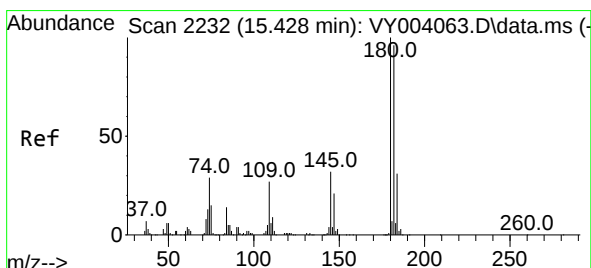
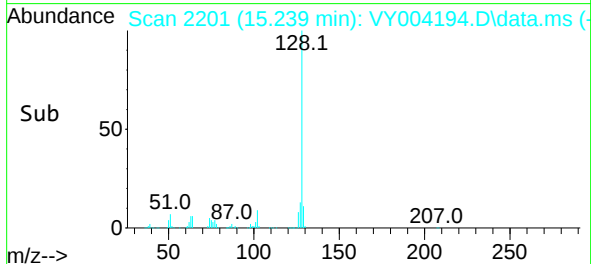
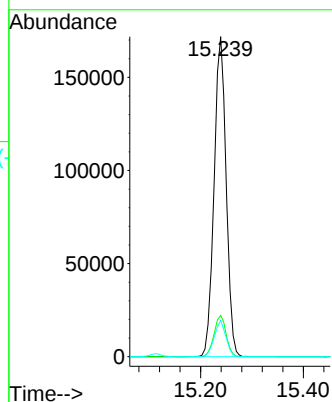
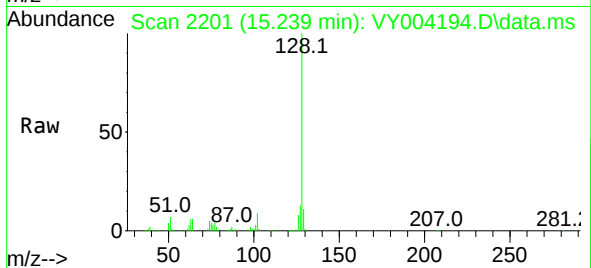




#95  
Naphthalene  
Concen: 53.61 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 279866  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.6 16.0  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 55.40 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004194.D  
Acq: 25 Mar 2021 10:35

Tgt Ion:180 Resp: 122721  
Ion Ratio Lower Upper  
180 100  
182 94.3 47.6 142.8  
145 33.1 15.3 45.9

