

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032421\  
 Data File : VY004176.D  
 Acq On : 24 Mar 2021 10:01  
 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 25 01:16:06 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  | 203981   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 315448   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 284565   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 144551   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |           |      |
|-----------------------------|--------|-------|----------|----------|-----------|------|
| System Monitoring Compounds |        |       |          |          |           |      |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 103544   | 51.44    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.88% |      |
| 35) Dibromofluoromethane    | 7.728  | 113   | 96162    | 54.06    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.12% |      |
| 50) Toluene-d8              | 10.185 | 98    | 361665   | 51.86    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 103.72% |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 132087   | 51.28    | ug/l      | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 102.56% |      |

|                              |       |     |        |        |           |
|------------------------------|-------|-----|--------|--------|-----------|
| Target Compounds             |       |     |        |        | Qvalue    |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 61177  | 42.73  | ug/l 94   |
| 3) Chloromethane             | 2.119 | 50  | 85281  | 43.01  | ug/l 99   |
| 4) Vinyl Chloride            | 2.259 | 62  | 102459 | 41.56  | ug/l 97   |
| 5) Bromomethane              | 2.656 | 94  | 68414  | 43.44  | ug/l 100  |
| 6) Chloroethane              | 2.802 | 64  | 66510  | 44.30  | ug/l 97   |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 154946 | 47.29  | ug/l 99   |
| 8) Diethyl Ether             | 3.540 | 74  | 51442  | 48.98  | ug/l 84   |
| 9) 1,1,2-Trichlorotrifluo... | 3.912 | 101 | 88917  | 48.52  | ug/l 98   |
| 10) Methyl Iodide            | 4.101 | 142 | 92235  | 49.25  | ug/l 99   |
| 11) Tert butyl alcohol       | 4.972 | 59  | 46157  | 253.61 | ug/l # 94 |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 82172  | 45.82  | ug/l 98   |
| 13) Acrolein                 | 3.741 | 56  | 39291  | 217.63 | ug/l 100  |
| 14) Allyl chloride           | 4.491 | 41  | 126857 | 42.76  | ug/l # 89 |
| 15) Acrylonitrile            | 5.180 | 53  | 128953 | 247.07 | ug/l 99   |
| 16) Acetone                  | 3.960 | 43  | 136043 | 279.99 | ug/l 92   |
| 17) Carbon Disulfide         | 4.204 | 76  | 216172 | 40.99  | ug/l 98   |
| 18) Methyl Acetate           | 4.491 | 43  | 60979  | 50.80  | ug/l 92   |
| 19) Methyl tert-butyl Ether  | 5.234 | 73  | 258040 | 50.53  | ug/l 95   |
| 20) Methylene Chloride       | 4.728 | 84  | 92134  | 46.83  | ug/l 92   |
| 21) trans-1,2-Dichloroethene | 5.234 | 96  | 96165  | 47.72  | ug/l 96   |
| 22) Diisopropyl ether        | 6.131 | 45  | 286014 | 45.68  | ug/l 94   |
| 23) Vinyl Acetate            | 6.070 | 43  | 956387 | 232.03 | ug/l # 95 |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 163526 | 47.04  | ug/l 99   |
| 25) 2-Butanone               | 6.996 | 43  | 180704 | 257.99 | ug/l 91   |
| 26) 2,2-Dichloropropane      | 6.996 | 77  | 157534 | 47.44  | ug/l 100  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 110848 | 48.32  | ug/l 93   |
| 28) Bromochloromethane       | 7.344 | 49  | 72003  | 47.43  | ug/l 88   |
| 29) Tetrahydrofuran          | 7.356 | 42  | 111104 | 244.17 | ug/l 92   |
| 30) Chloroform               | 7.515 | 83  | 177229 | 49.20  | ug/l 100  |
| 31) Cyclohexane              | 7.795 | 56  | 145816 | 41.29  | ug/l 93   |
| 32) 1,1,1-Trichloroethane    | 7.710 | 97  | 165316 | 49.47  | ug/l 99   |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 132929 | 47.97  | ug/l 97   |
| 37) Ethyl Acetate            | 7.082 | 43  | 75803  | 50.77  | ug/l 98   |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 150348 | 51.13  | ug/l 98   |
| 39) Methylcyclohexane        | 9.191 | 83  | 165753 | 46.30  | ug/l 91   |
| 40) Benzene                  | 8.167 | 78  | 382001 | 48.93  | ug/l 98   |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Mar 25 01:16:06 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         | 7.356  | 41   | 105295   | 113.83  | ug/l # | 41       |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 121105   | 50.75   | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 148368   | 49.53   | ug/l   | 97       |
| 44) Trichloroethene           | 8.947  | 130  | 117698   | 52.06   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 94804    | 48.64   | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 57920    | 51.98   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 141846   | 50.99   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 67212    | 47.22   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 14910    | 1051.06 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 390122   | 257.16  | ug/l   | 96       |
| 52) Toluene                   | 10.246 | 92   | 251466   | 49.74   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 144600   | 49.27   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 164092   | 49.90   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 83462    | 53.26   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 109496   | 49.98   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 137493   | 51.24   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 208803   | 243.06  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 277940   | 260.77  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.990 | 129  | 106063   | 53.91   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 80422    | 52.70   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 130786   | 54.90   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 279953   | 51.34   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 106495   | 52.20   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.599 | 91   | 492857   | 49.22   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.703 | 106  | 379062   | 99.27   | ug/l   | 95       |
| 69) o-Xylene                  | 12.032 | 106  | 181177   | 50.19   | ug/l   | 94       |
| 70) Styrene                   | 12.050 | 104  | 310103   | 50.17   | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 67108    | 54.98   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 497665   | 49.54   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.148 | 43   | 136422   | 47.41   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 87353    | 50.05   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 131162   | 94.63   | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 118699   | 51.14   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 575626   | 48.63   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 321021   | 48.31   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 420017   | 49.29   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 35059    | 49.92   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 335064   | 47.64   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 364920   | 49.78   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 424304   | 49.72   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 500631   | 49.52   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 468984   | 50.04   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 231719   | 51.72   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 229695   | 51.37   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 434483   | 48.71   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 83074    | 49.33   | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 207070   | 52.11   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 17316    | 52.51   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 146103   | 54.21   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 78146    | 51.72   | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 294650   | 55.18   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 123622   | 54.55   | ug/l   | 99       |

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

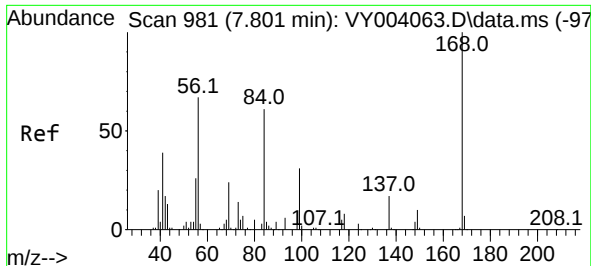
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Mar 25 01:16:06 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

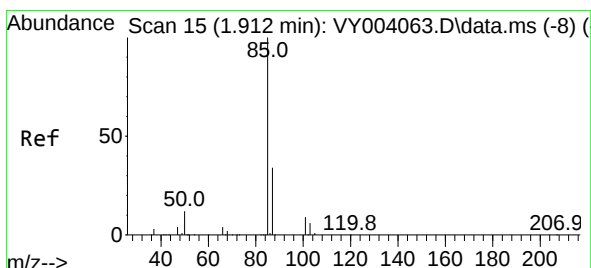
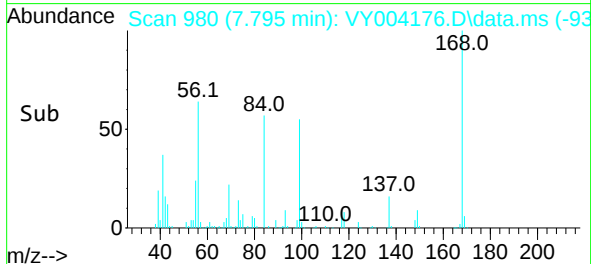
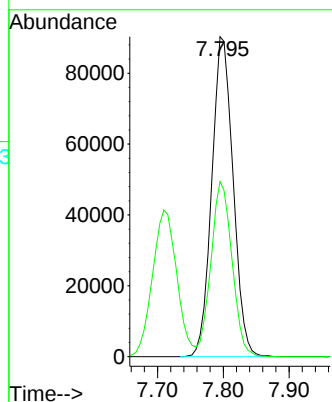
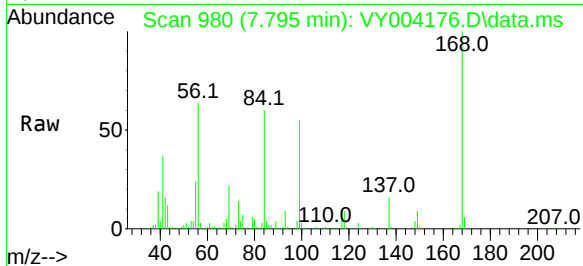




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

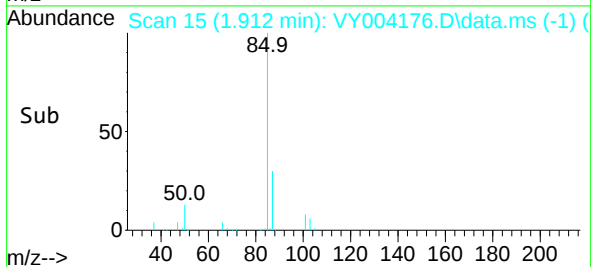
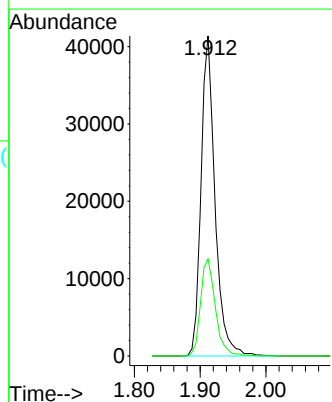
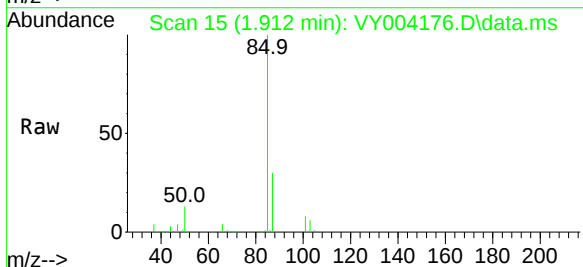
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:168 Resp: 203981  
Ion Ratio Lower Upper  
168 100  
99 54.7 41.2 61.8



#2  
Dichlorodifluoromethane  
Concen: 42.73 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 85 Resp: 61177  
Ion Ratio Lower Upper  
85 100  
87 30.3 17.0 51.0

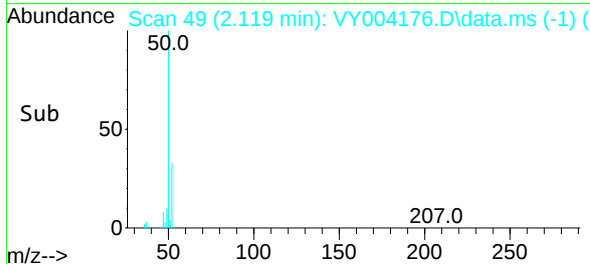
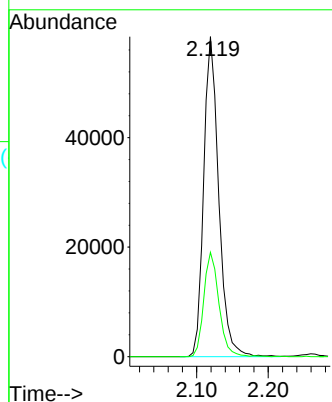
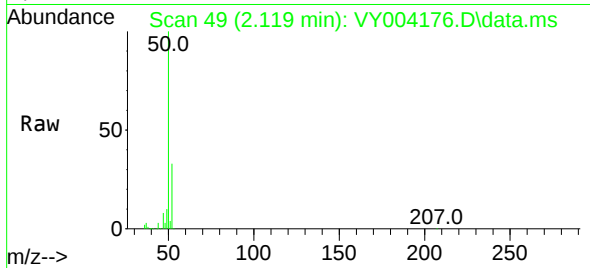




#3  
Chloromethane  
Concen: 43.01 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

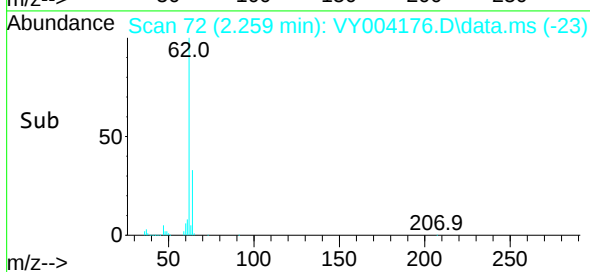
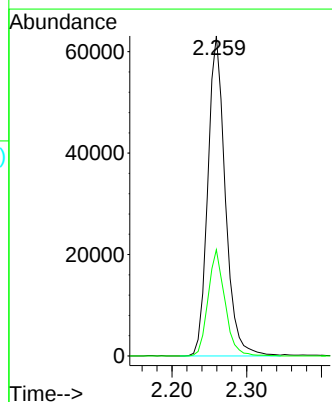
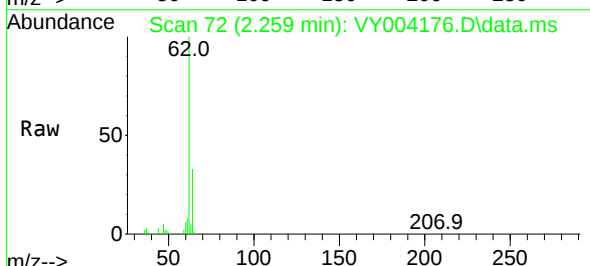
Instrument :  
MSVOA\_Y  
ClientSampled :

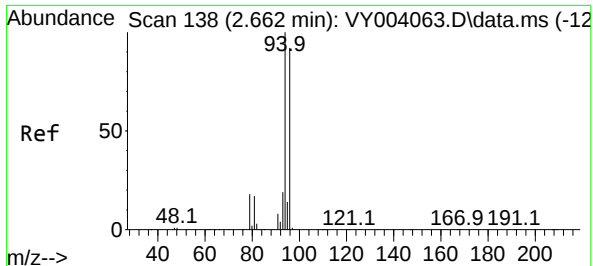
Tgt Ion: 50 Resp: 85281  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.2



#4  
Vinyl Chloride  
Concen: 41.56 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

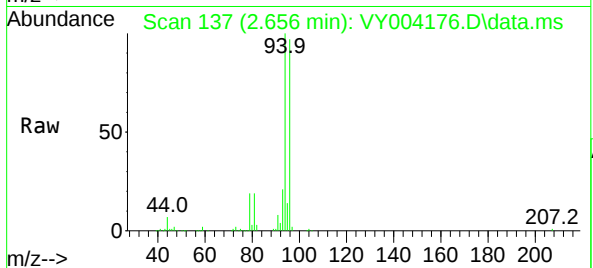
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Ion Ratio Lower Upper  
62 100  
64 33.2 25.3 37.9



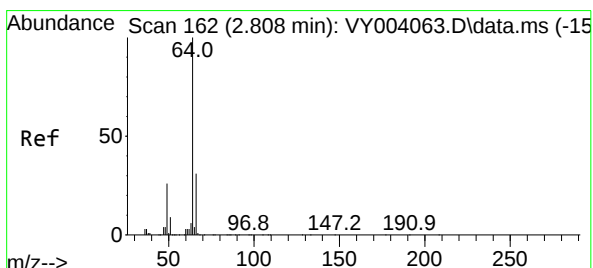
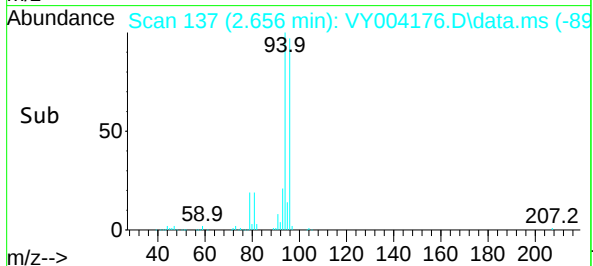
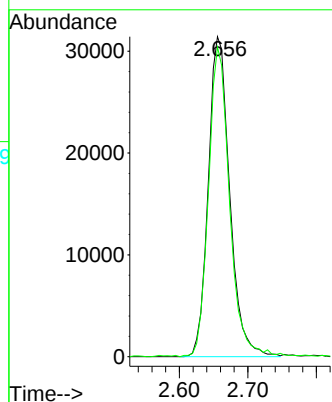


#5  
Bromomethane  
Concen: 43.44 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Instrument :  
MSVOA\_Y  
ClientSampled :

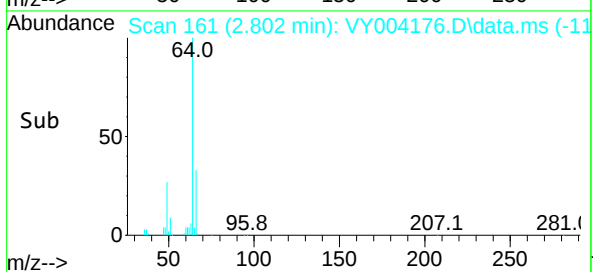
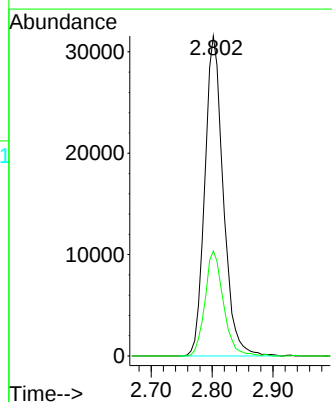
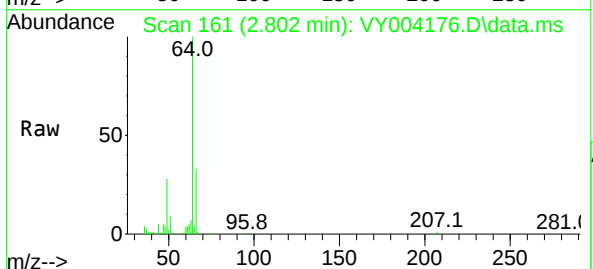


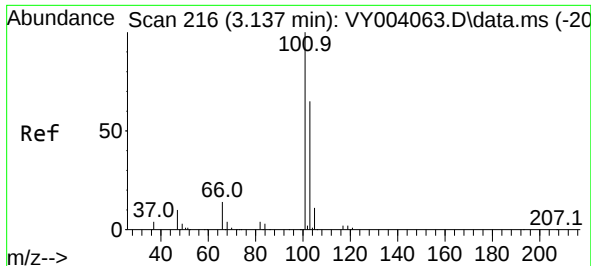
Tgt Ion: 94 Resp: 68414  
Ion Ratio Lower Upper  
94 100  
96 96.7 77.4 116.2



#6  
Chloroethane  
Concen: 44.30 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 64 Resp: 66510  
Ion Ratio Lower Upper  
64 100  
66 32.8 25.0 37.6

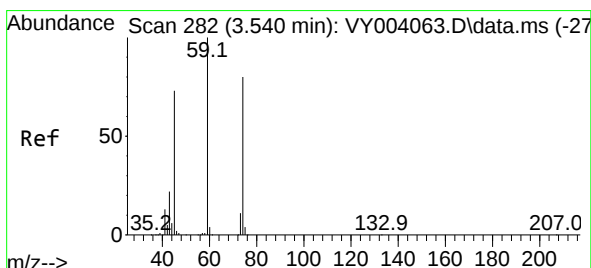
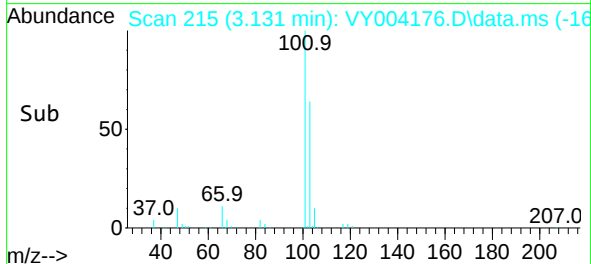
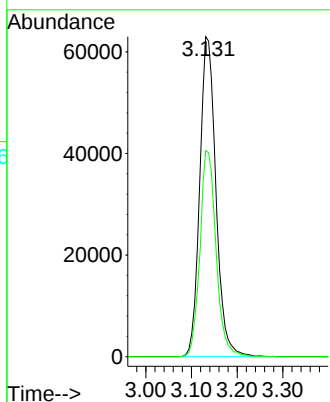
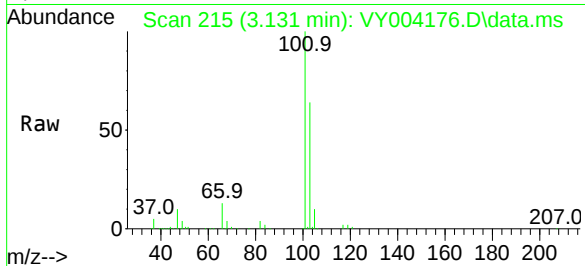




#7  
Trichlorofluoromethane  
Concen: 47.29 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

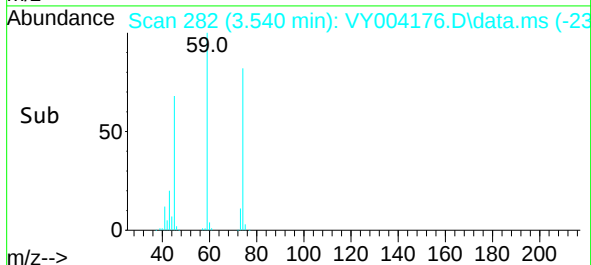
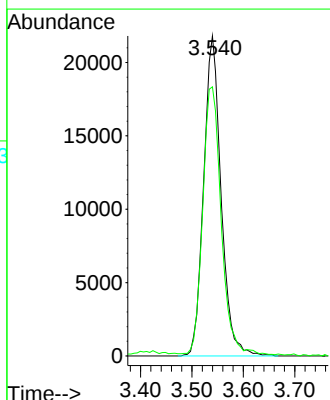
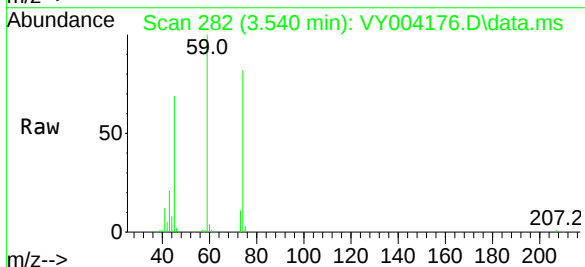
Instrument :  
MSVOA\_Y  
ClientSampled :

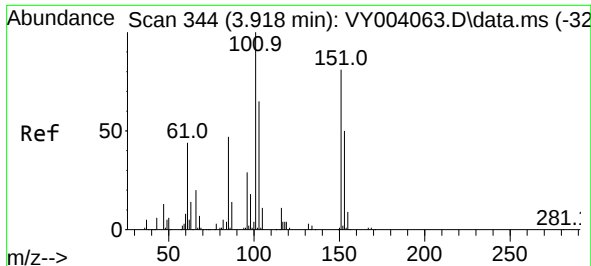
Tgt Ion:101 Resp: 154946  
Ion Ratio Lower Upper  
101 100  
103 64.4 52.2 78.2



#8  
Diethyl Ether  
Concen: 48.98 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 74 Resp: 51442  
Ion Ratio Lower Upper  
74 100  
45 88.4 52.6 157.8

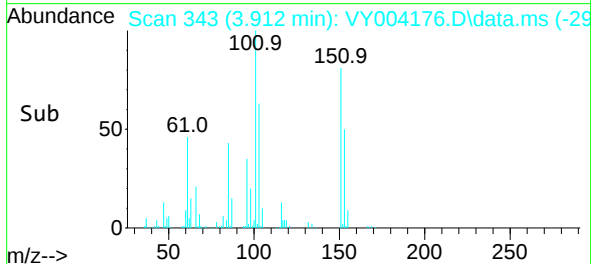
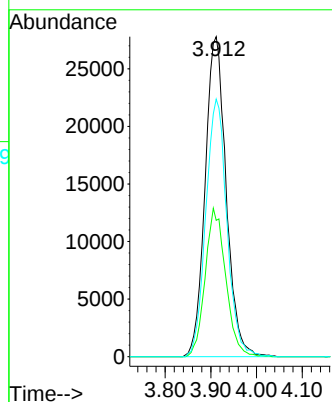
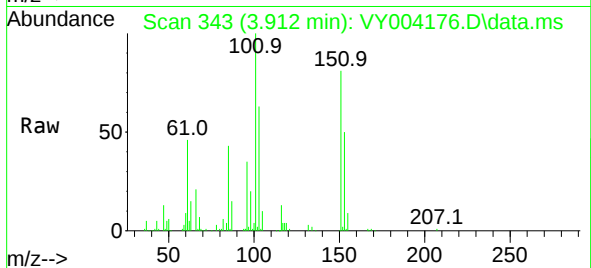




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.52 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

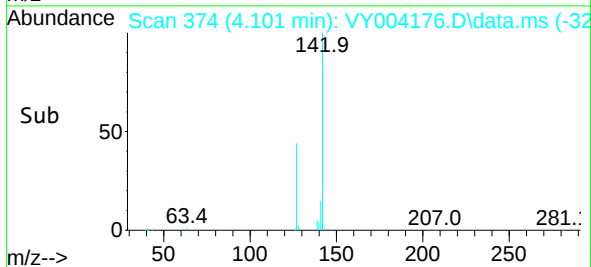
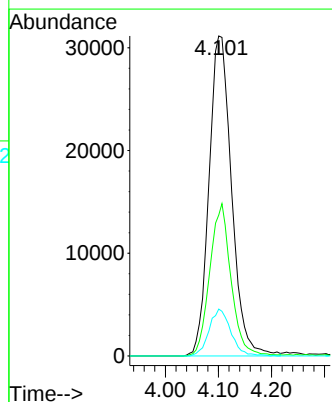
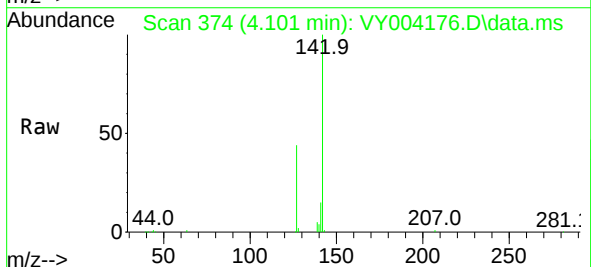
Instrument :  
MSVOA\_Y  
ClientSampled :

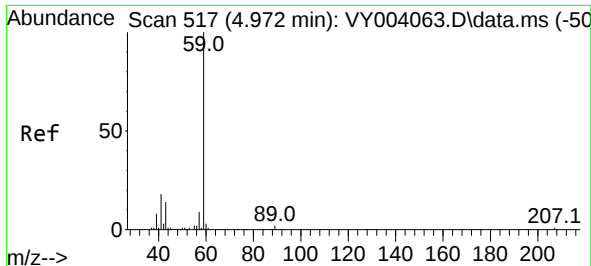
Tgt Ion:101 Resp: 88917  
Ion Ratio Lower Upper  
101 100  
85 45.3 36.1 54.1  
151 80.6 66.9 100.3



#10  
Methyl Iodide  
Concen: 49.25 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

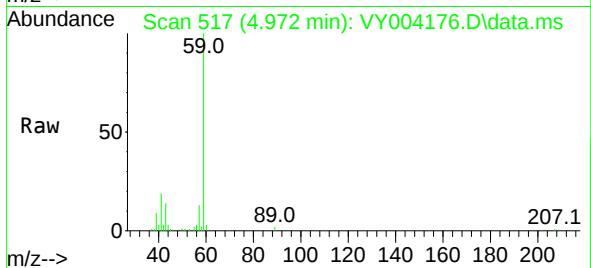
Tgt Ion:142 Resp: 92235  
Ion Ratio Lower Upper  
142 100  
127 44.9 35.4 53.0  
141 14.1 11.5 17.3



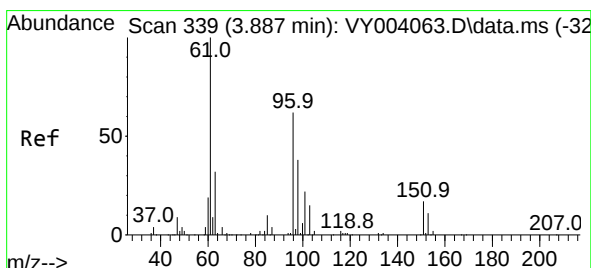
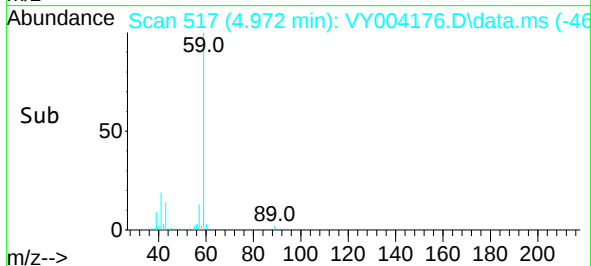
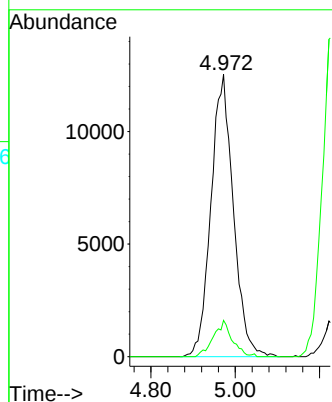


#11  
Tert butyl alcohol  
Concen: 253.61 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Instrument :  
MSVOA\_Y  
ClientSampled :

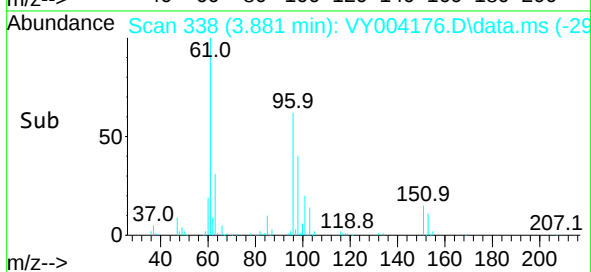
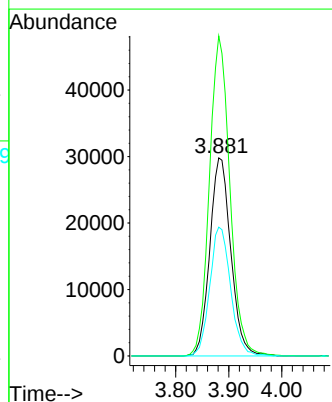
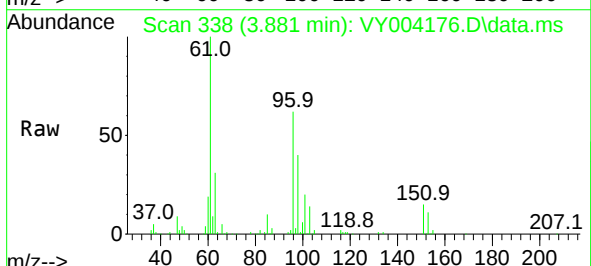


Tgt Ion: 59 Resp: 46157  
Ion Ratio Lower Upper  
59 100  
57 10.7 6.9 10.3#



#12  
1,1-Dichloroethene  
Concen: 45.82 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 96 Resp: 82172  
Ion Ratio Lower Upper  
96 100  
61 161.6 130.7 196.1  
98 65.0 48.9 73.3

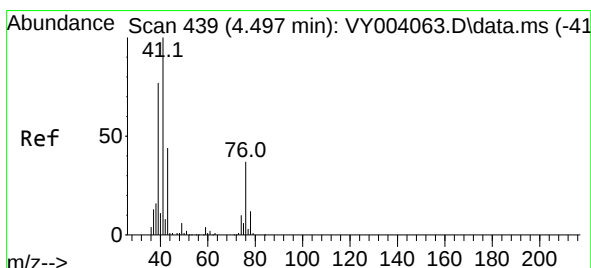
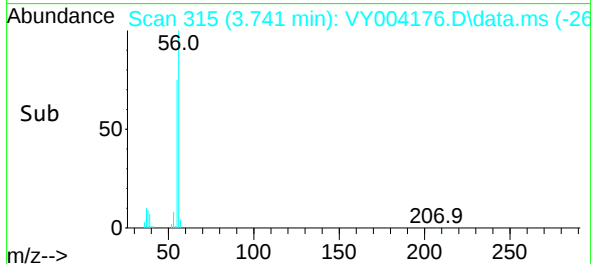
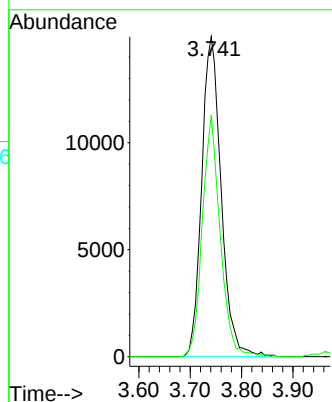
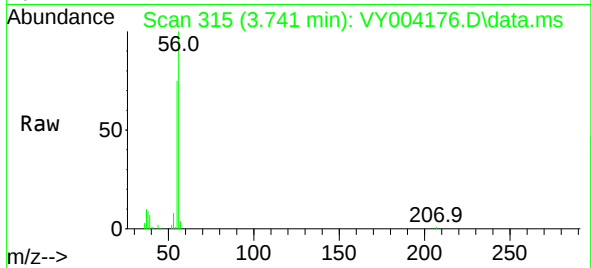




#13  
Acrolein  
Concen: 217.63 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

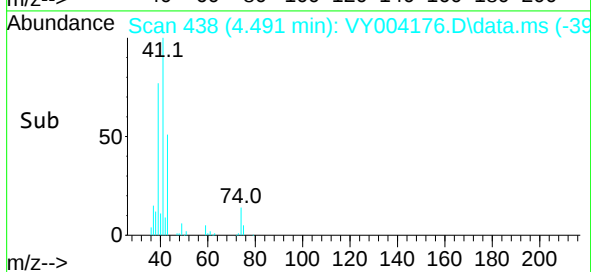
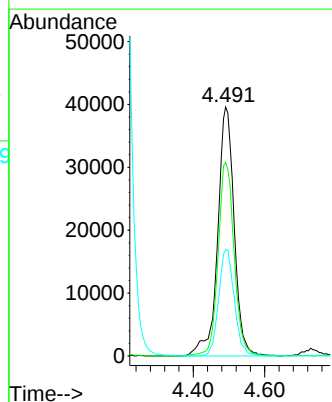
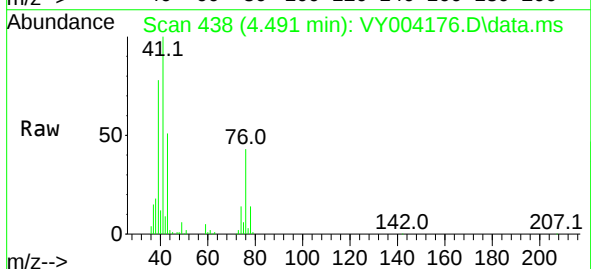
Instrument :  
MSVOA\_Y  
ClientSampleId :

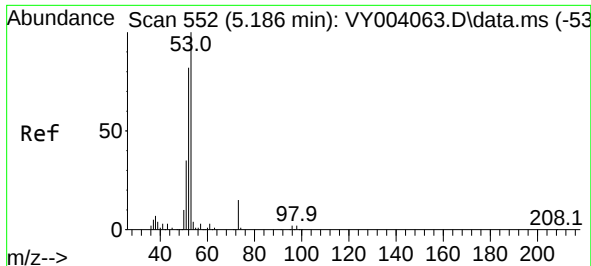
Tgt Ion: 56 Resp: 39291  
Ion Ratio Lower Upper  
56 100  
55 69.3 55.4 83.0



#14  
Allyl chloride  
Concen: 42.76 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 41 Resp: 126857  
Ion Ratio Lower Upper  
41 100  
39 75.5 54.0 81.0  
76 40.4 26.1 39.1#





#15

Acrylonitrile

Concen: 247.07 ug/l

RT: 5.180 min Scan# 551

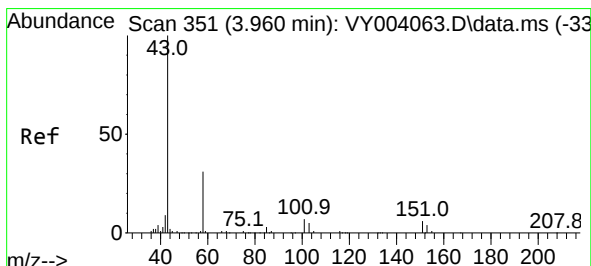
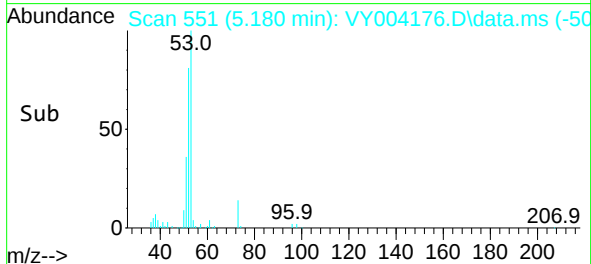
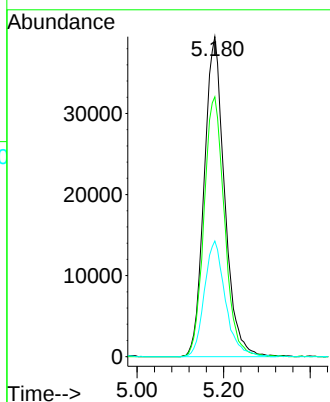
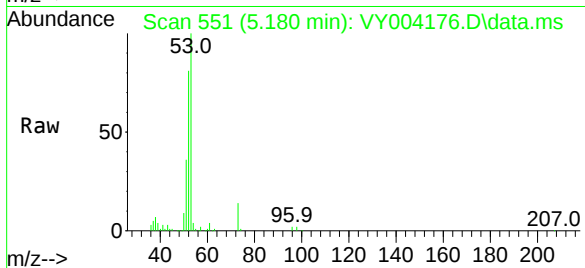
Delta R.T. -0.006 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Instrument :  
MSVOA\_Y  
ClientSampled :

|             |              |
|-------------|--------------|
| Tgt Ion: 53 | Resp: 128953 |
| Ion Ratio   | Lower Upper  |
| 53 100      |              |
| 52 81.6     | 66.2 99.4    |
| 51 37.4     | 29.5 44.3    |



#16

Acetone

Concen: 279.99 ug/l

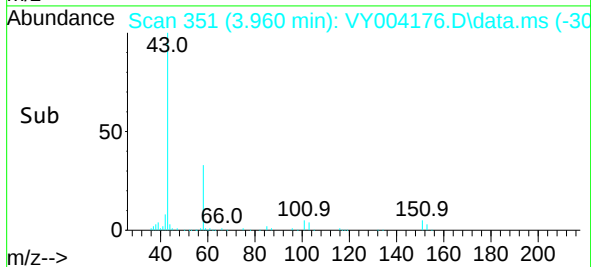
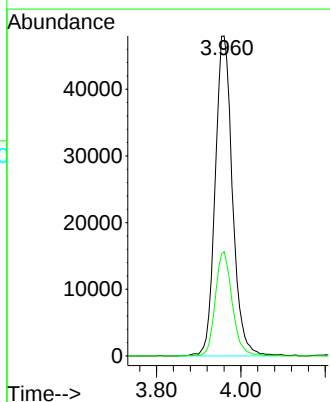
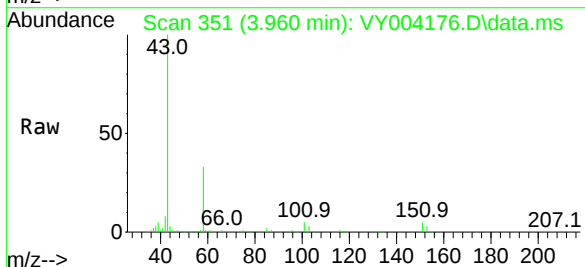
RT: 3.960 min Scan# 351

Delta R.T. 0.000 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

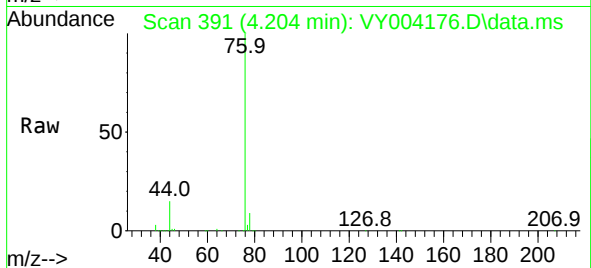
|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 136043 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 58 32.6     | 22.6 34.0    |



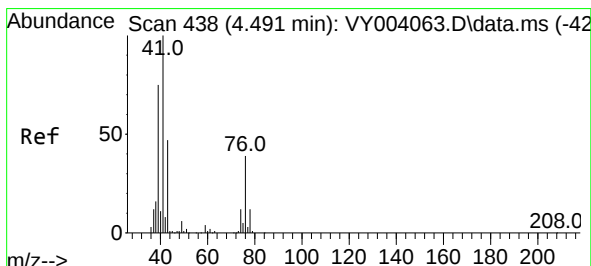
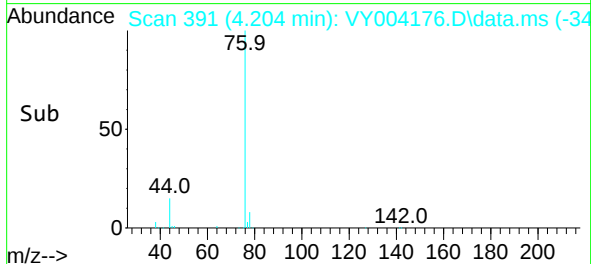
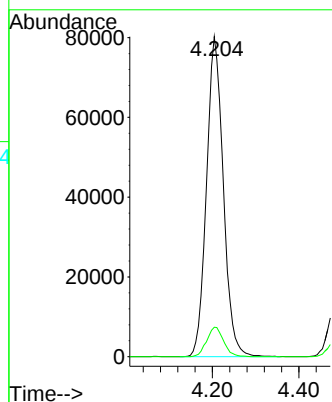


#17  
Carbon Disulfide  
Concen: 40.99 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Instrument :  
MSVOA\_Y  
ClientSampled :

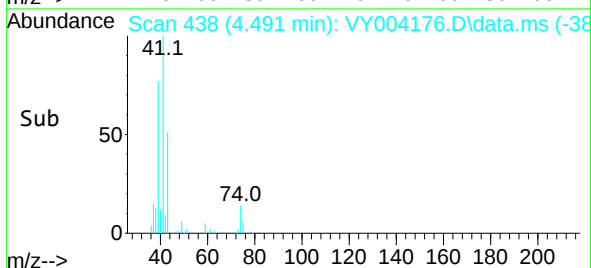
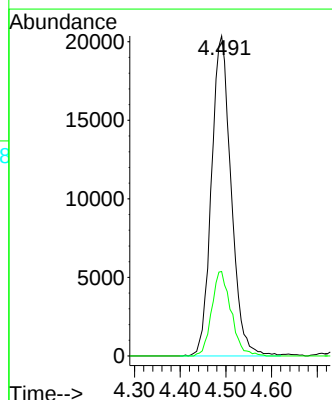
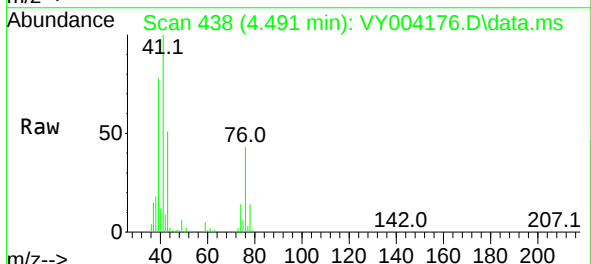


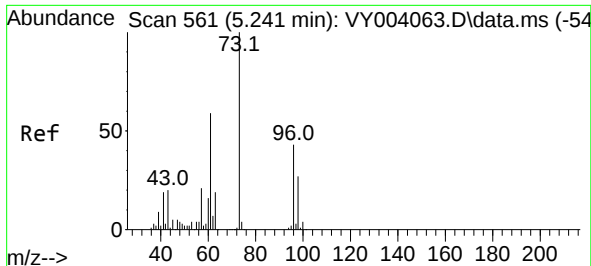
Tgt Ion: 76 Resp: 216172  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.8 10.2



#18  
Methyl Acetate  
Concen: 50.80 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 43 Resp: 60979  
Ion Ratio Lower Upper  
43 100  
74 26.0 17.6 26.4

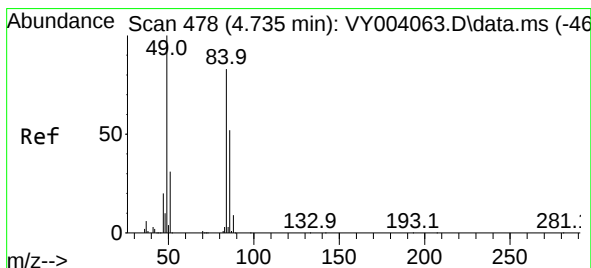
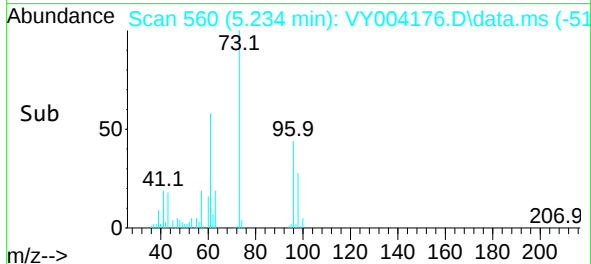
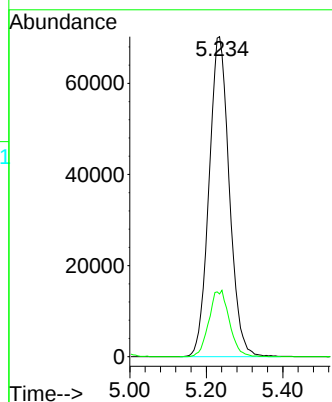
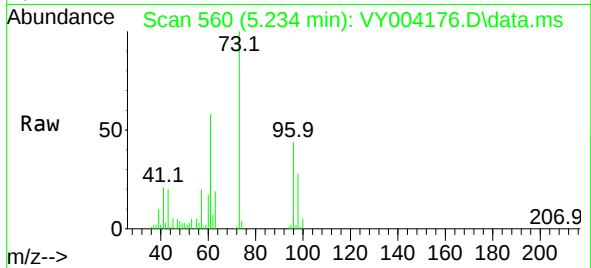




#19  
Methyl tert-butyl Ether  
Concen: 50.53 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. -0.007 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

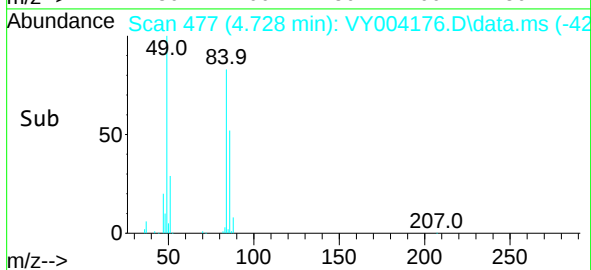
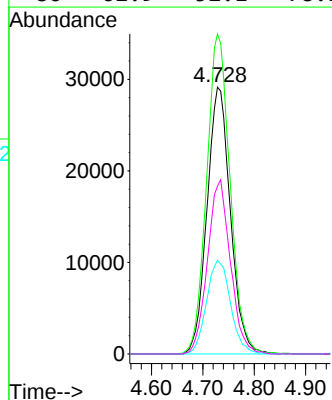
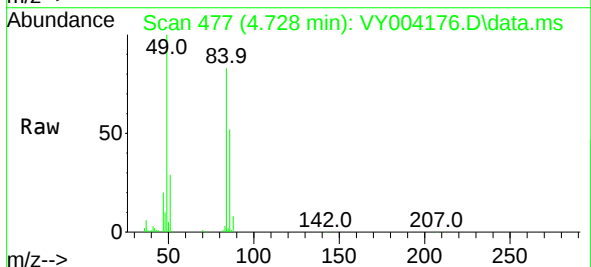
Instrument :  
MSVOA\_Y  
ClientSampled :

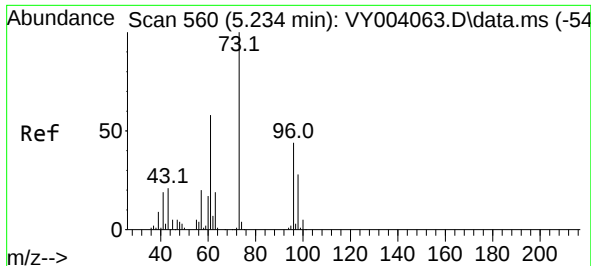
Tgt Ion: 73 Resp: 258040  
Ion Ratio Lower Upper  
73 100  
57 19.6 17.5 26.3



#20  
Methylene Chloride  
Concen: 46.83 ug/l  
RT: 4.728 min Scan# 477  
Delta R.T. -0.007 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 84 Resp: 92134  
Ion Ratio Lower Upper  
84 100  
49 119.9 105.8 158.6  
51 35.1 32.6 48.8  
86 62.9 52.1 78.1

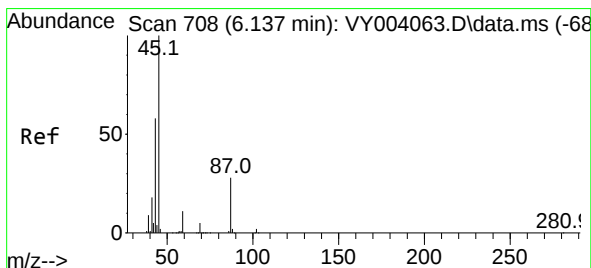
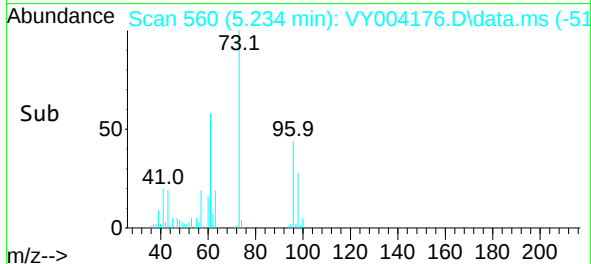
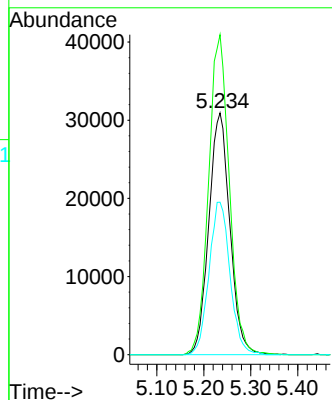
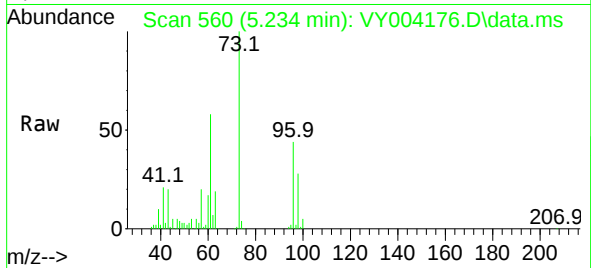




#21  
trans-1,2-Dichloroethene  
Concen: 47.72 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

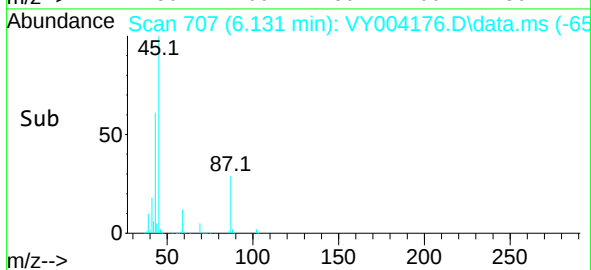
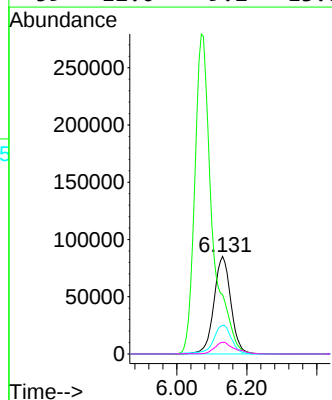
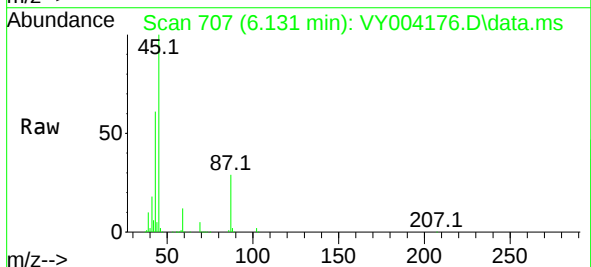
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 96 Resp: 96165  
Ion Ratio Lower Upper  
96 100  
61 132.4 110.8 166.2  
98 63.1 51.0 76.6



#22  
Diisopropyl ether  
Concen: 45.68 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 45 Resp: 286014  
Ion Ratio Lower Upper  
45 100  
43 60.9 45.1 67.7  
87 29.4 21.0 31.4  
59 12.0 9.2 13.8

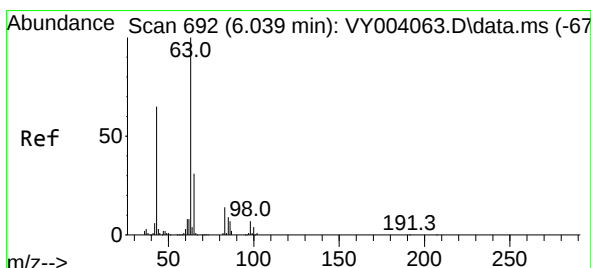
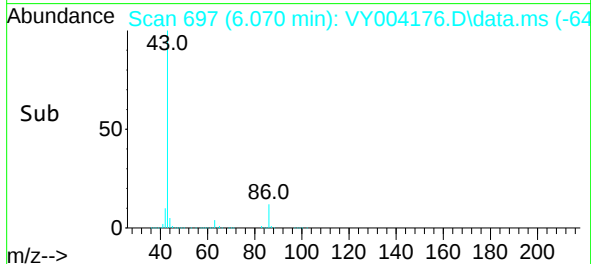
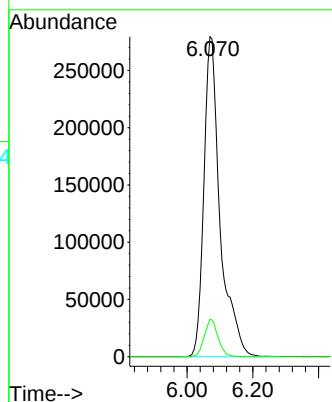
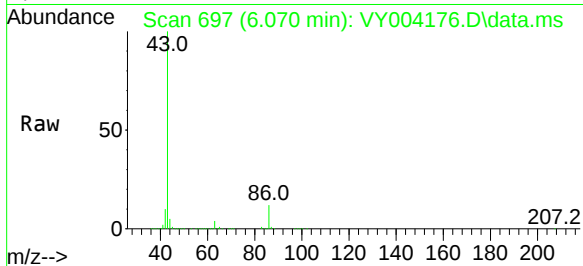




#23  
 Vinyl Acetate  
 Concen: 232.03 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. -0.006 min  
 Lab File: VY004176.D  
 Acq: 24 Mar 2021 10:01

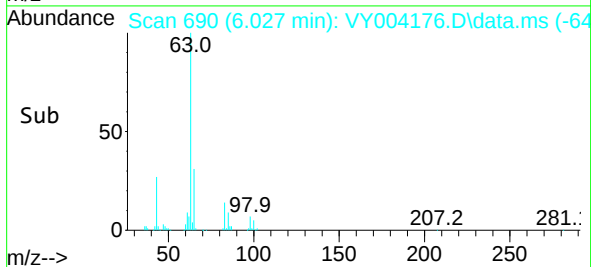
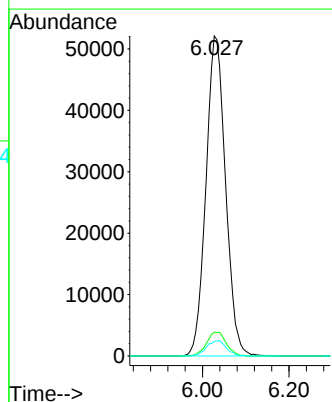
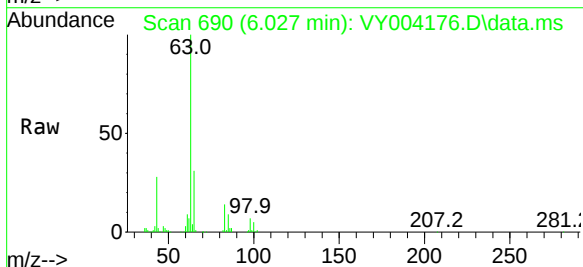
Instrument :  
 MSVOA\_Y  
 ClientSampled :

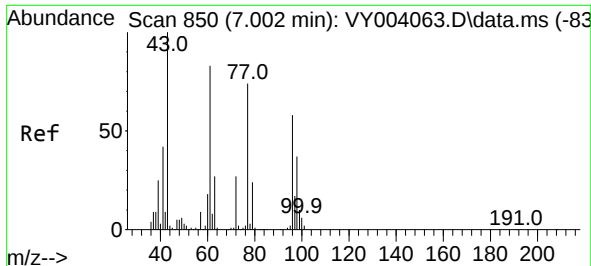
Tgt Ion: 43 Resp: 956387  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 7.8 11.6#



#24  
 1,1-Dichloroethane  
 Concen: 47.04 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.012 min  
 Lab File: VY004176.D  
 Acq: 24 Mar 2021 10:01

Tgt Ion: 63 Resp: 163526  
 Ion Ratio Lower Upper  
 63 100  
 98 7.4 3.5 10.4  
 100 4.5 2.3 6.9

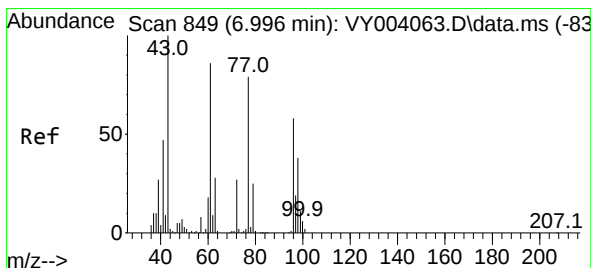
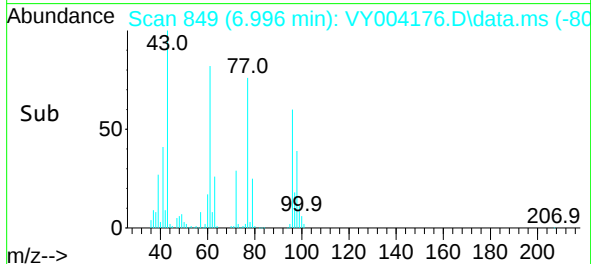
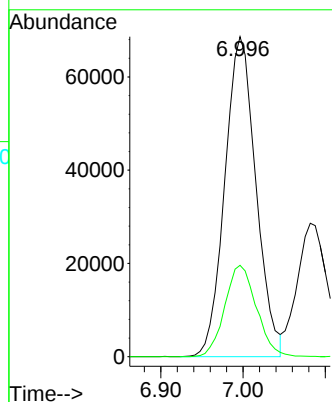
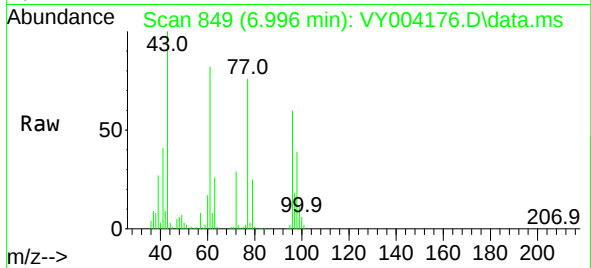




#25  
2-Butanone  
Concen: 257.99 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

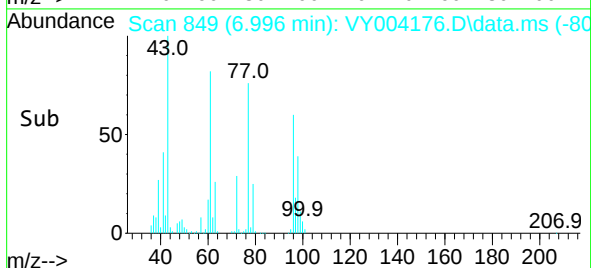
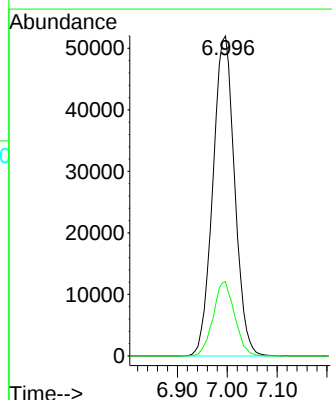
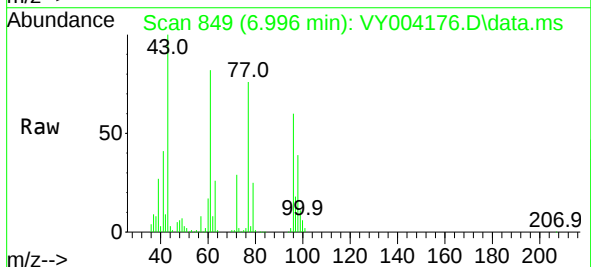
Instrument :  
MSVOA\_Y  
ClientSampled :

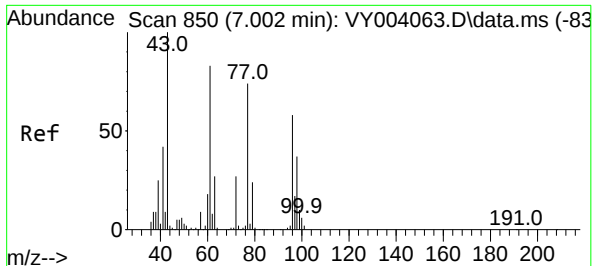
Tgt Ion: 43 Resp: 180704  
Ion Ratio Lower Upper  
43 100  
72 28.5 19.4 29.0



#26  
2,2-Dichloropropane  
Concen: 47.44 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 77 Resp: 157534  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.32 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

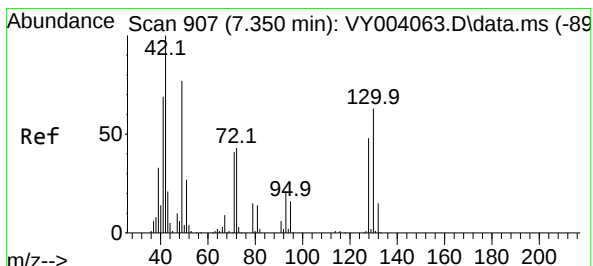
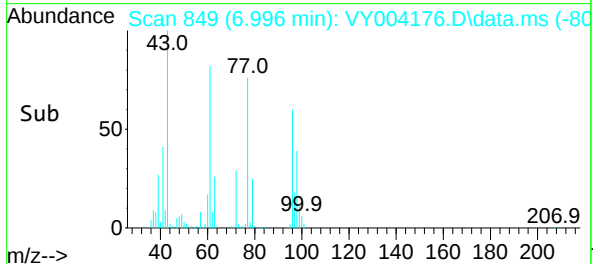
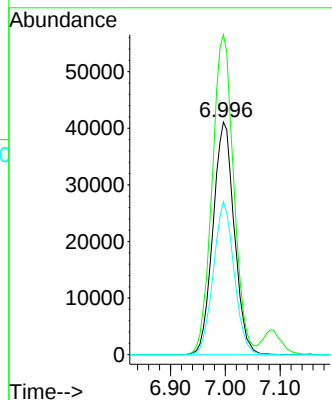
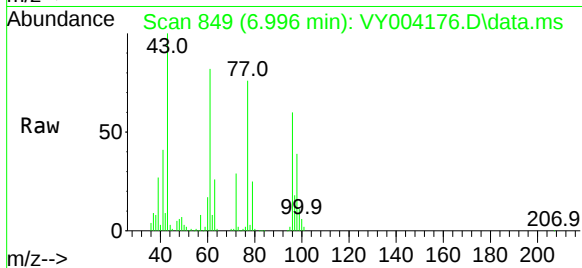
Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 96 Resp: 110848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 139.6 | 0.0   | 303.6 |
| 98  | 64.3  | 0.0   | 130.6 |

Instrument :  
MSVOA\_Y  
ClientSampled :



#28

Bromochloromethane

Concen: 47.43 ug/l

RT: 7.344 min Scan# 906

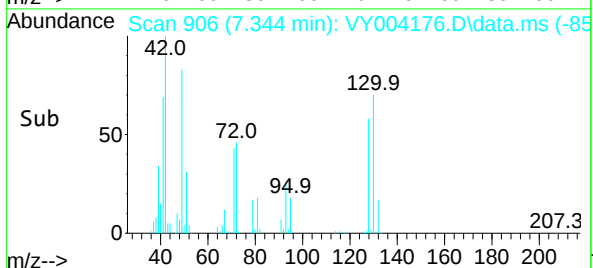
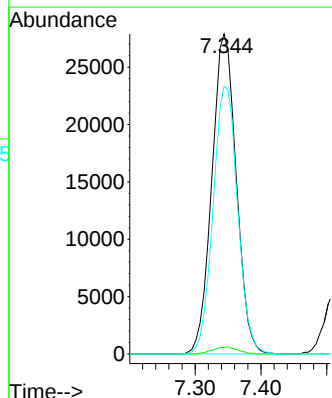
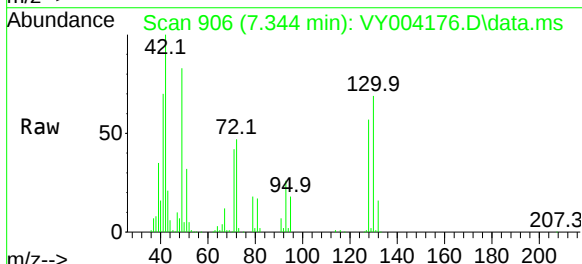
Delta R.T. -0.006 min

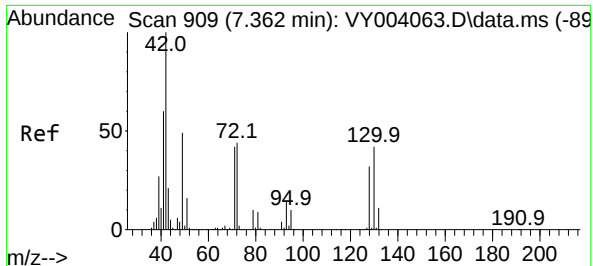
Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 49 Resp: 72003

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.4   |
| 130 | 84.3  | 59.0  | 88.4  |





#29

Tetrahydrofuran

Concen: 244.17 ug/l

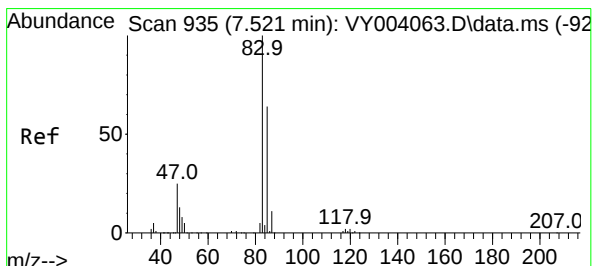
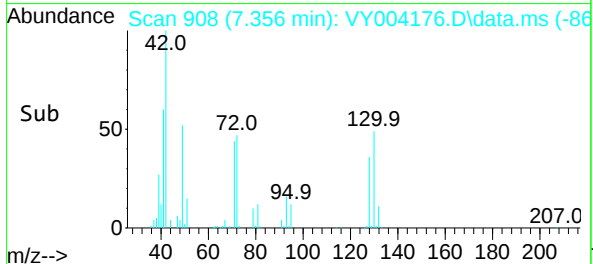
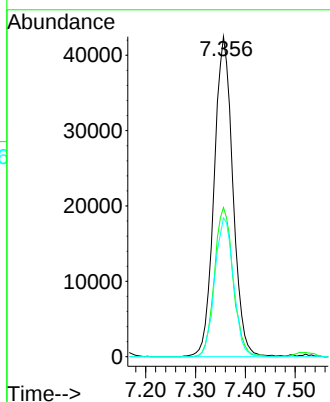
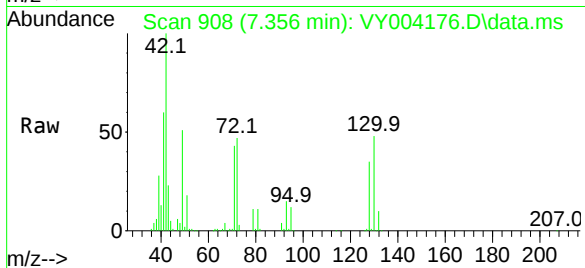
RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 111104 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.2  | 32.6  | 48.8   |
| 71       | 43.4  | 31.0  | 46.6   |



#30

Chloroform

Concen: 49.20 ug/l

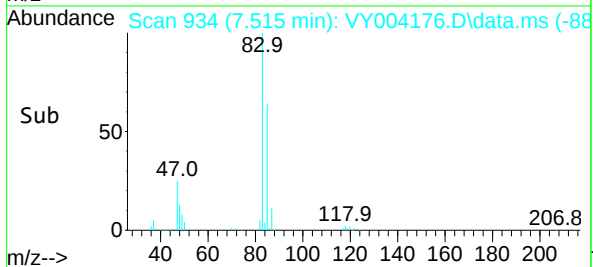
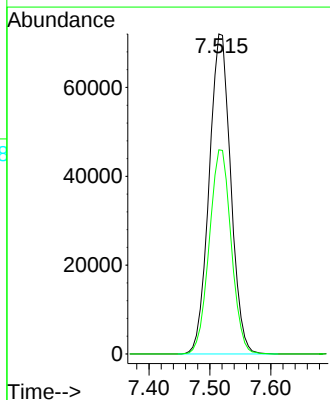
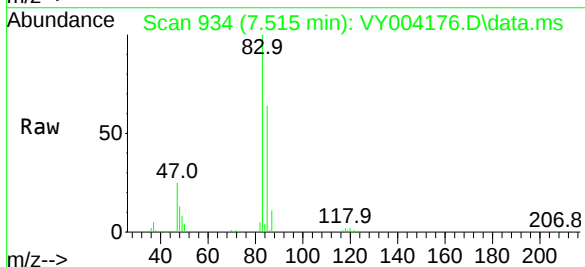
RT: 7.515 min Scan# 934

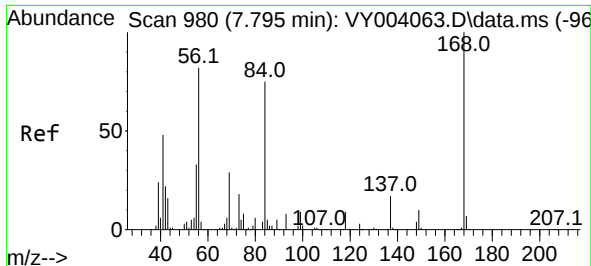
Delta R.T. -0.006 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

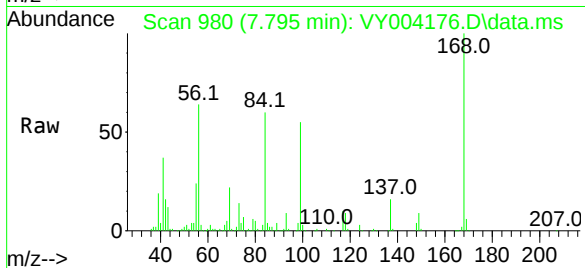
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 177229 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.8  | 51.0  | 76.6   |



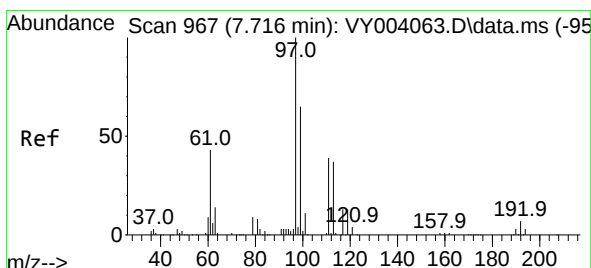
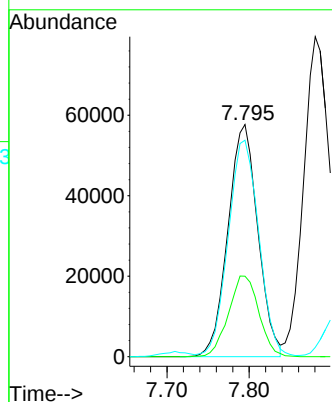
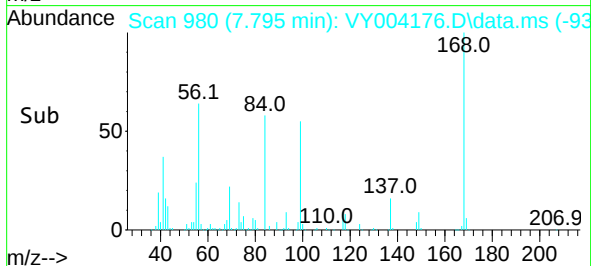


#31  
Cyclohexane  
Concen: 41.29 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

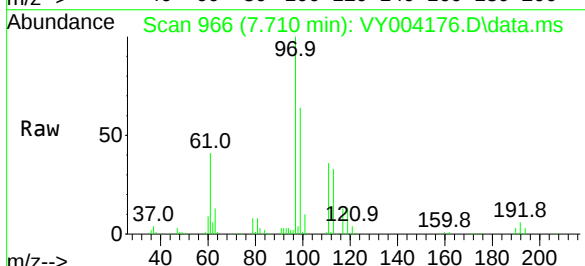
Instrument :  
MSVOA\_Y  
ClientSampled :



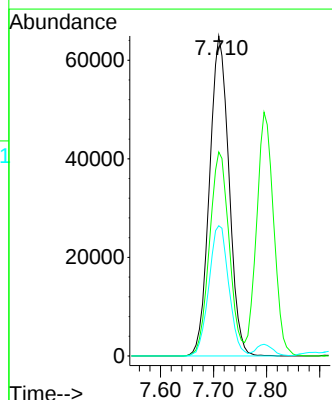
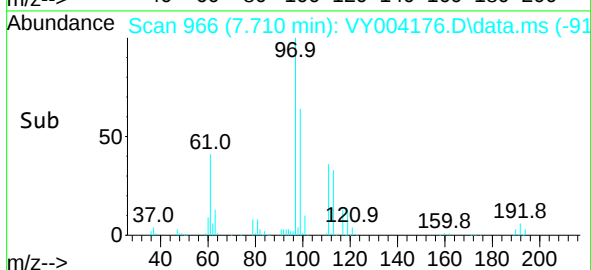
Tgt Ion: 56 Resp: 145816  
Ion Ratio Lower Upper  
56 100  
69 34.7 25.3 37.9  
84 91.5 67.3 100.9

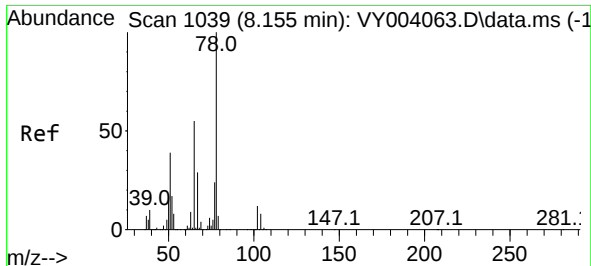


#32  
1,1,1-Trichloroethane  
Concen: 49.47 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01



Tgt Ion: 97 Resp: 165316  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.8 77.6  
61 41.7 34.5 51.7

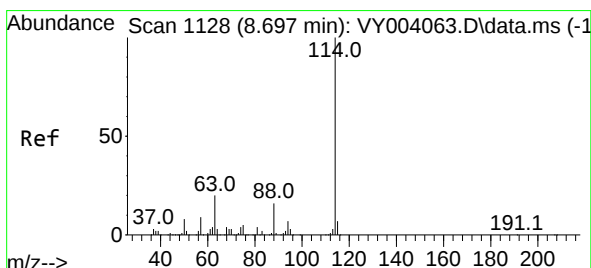
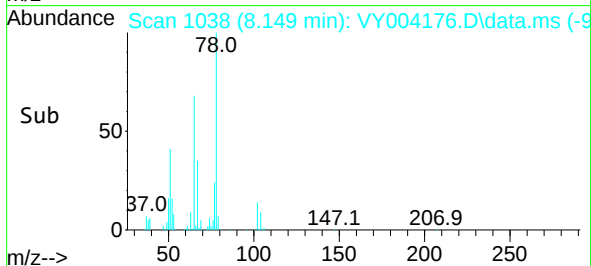
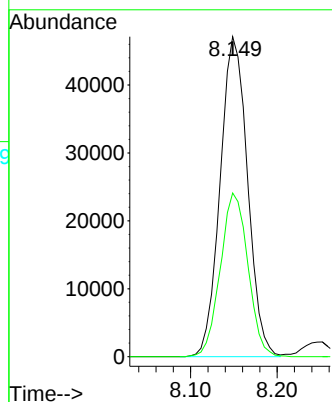
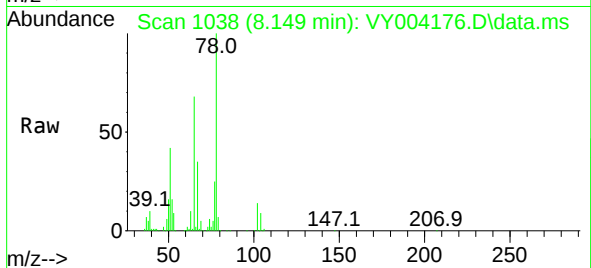




#33  
1,2-Dichloroethane-d4  
Concen: 51.44 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

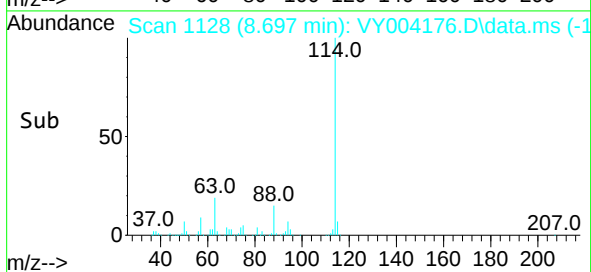
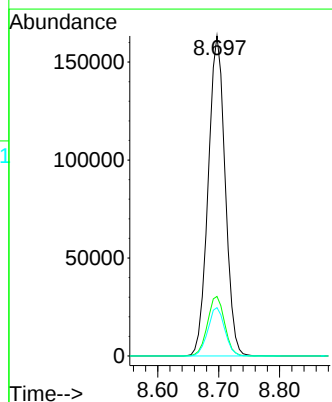
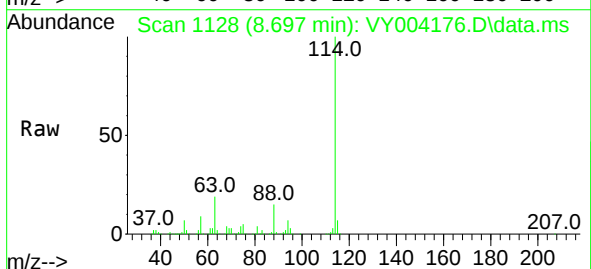
Instrument :  
MSVOA\_Y  
ClientSampled :

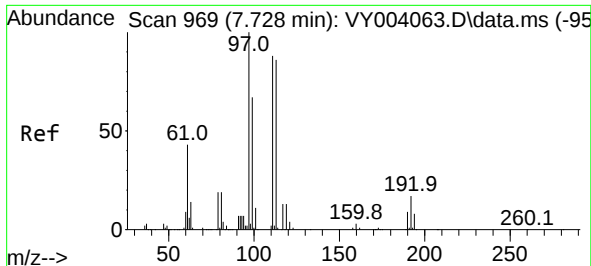
Tgt Ion: 65 Resp: 103544  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 114 Resp: 315448  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 41.6  
88 15.1 0.0 31.4

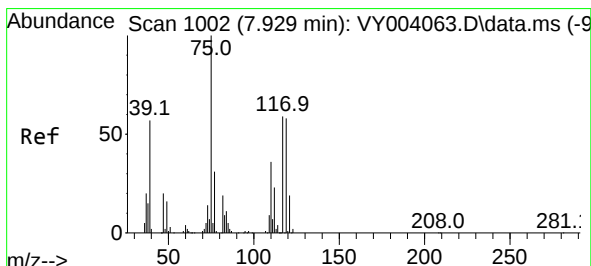
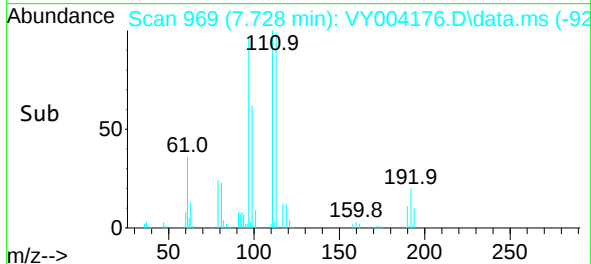
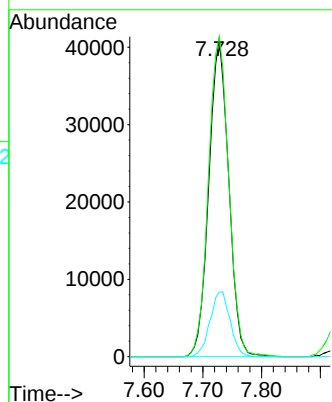
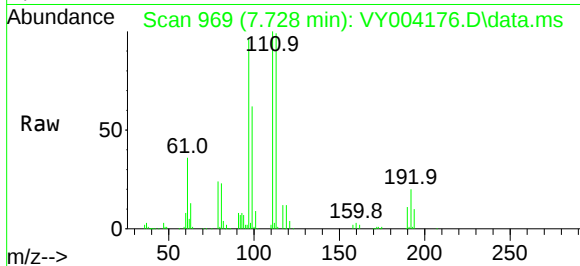




#35  
Dibromofluoromethane  
Concen: 54.06 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

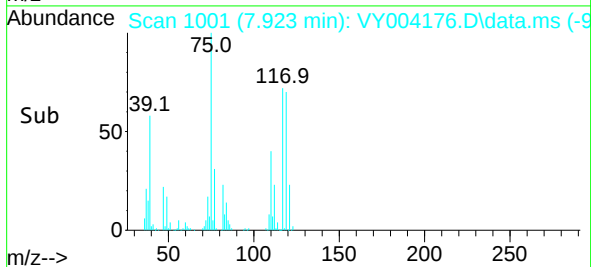
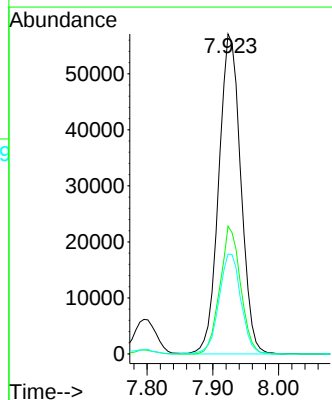
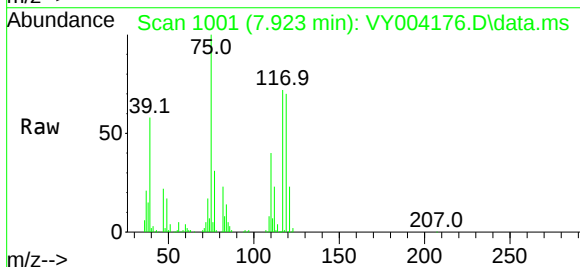
Instrument :  
MSVOA\_Y  
ClientSampled :

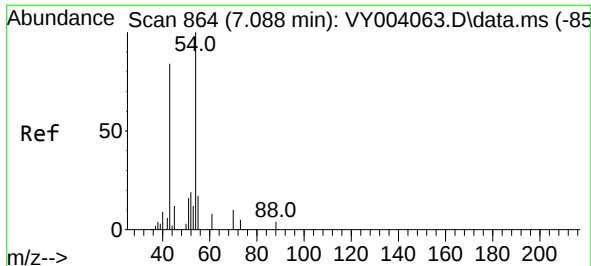
Tgt Ion:113 Resp: 96162  
Ion Ratio Lower Upper  
113 100  
111 103.7 83.2 124.8  
192 20.7 18.5 27.7



#36  
1,1-Dichloropropene  
Concen: 47.97 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 75 Resp: 132929  
Ion Ratio Lower Upper  
75 100  
110 37.3 17.4 52.3  
77 31.2 24.5 36.7





#37

Ethyl Acetate

Concen: 50.77 ug/l

RT: 7.082 min Scan# 863

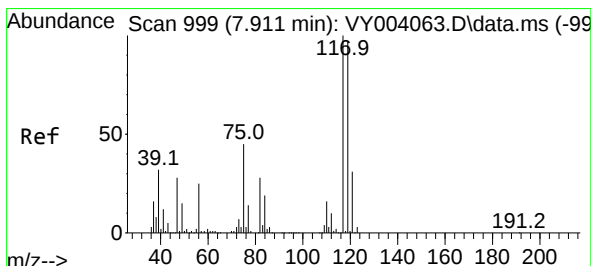
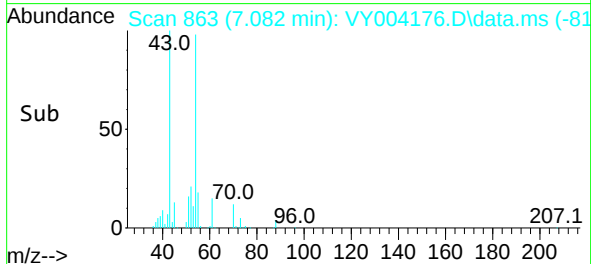
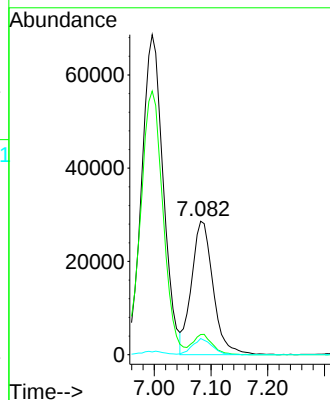
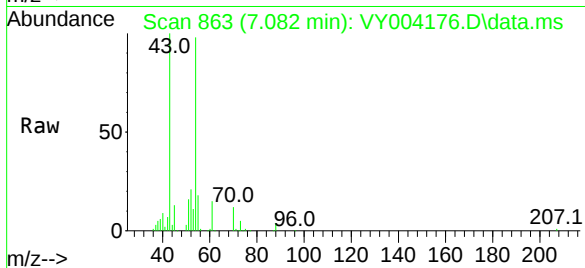
Delta R.T. -0.006 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 43 Resp: 75803

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.5  | 10.7  | 16.1  |
| 70  | 11.0  | 7.7   | 11.5  |



#38

Carbon Tetrachloride

Concen: 51.13 ug/l

RT: 7.911 min Scan# 999

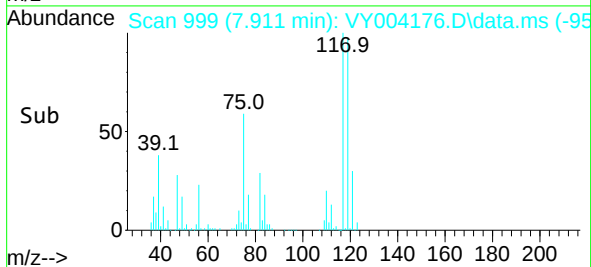
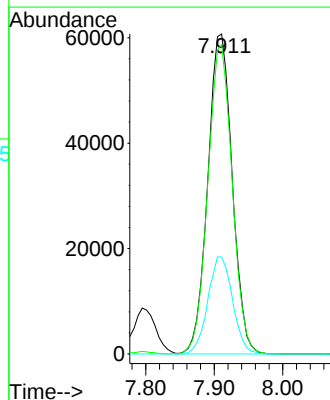
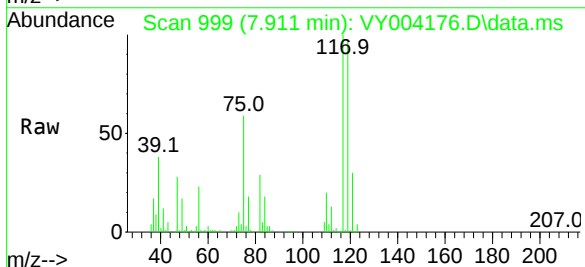
Delta R.T. -0.000 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 117 Resp: 150348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.6  | 75.4  | 113.0 |
| 121 | 30.3  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 46.30 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

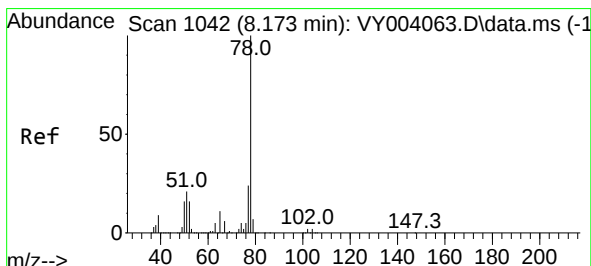
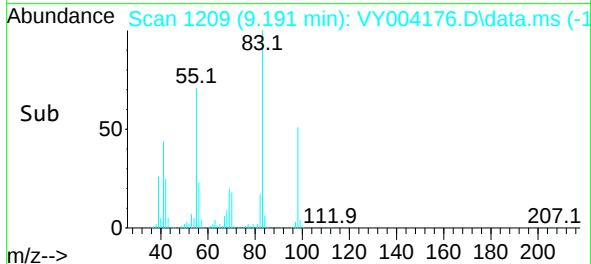
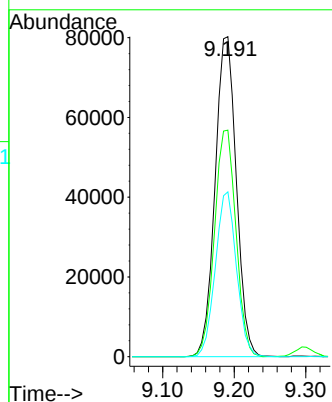
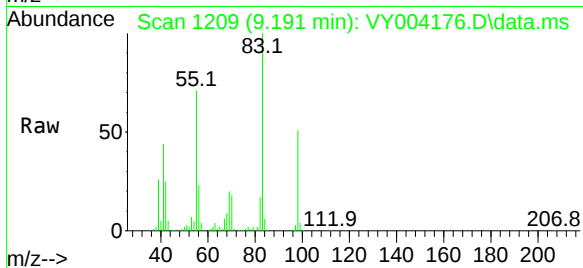
Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 83 Resp: 165753

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 70.8  | 65.6  | 98.4  |
| 98  | 51.5  | 39.5  | 59.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :



#40

Benzene

Concen: 48.93 ug/l

RT: 8.167 min Scan# 1041

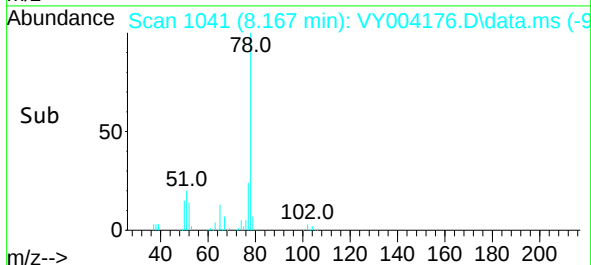
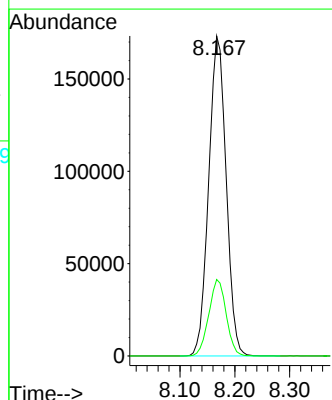
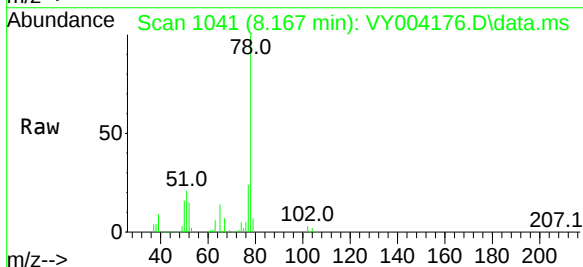
Delta R.T. -0.006 min

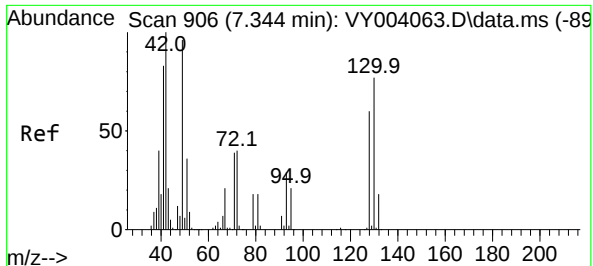
Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 78 Resp: 382001

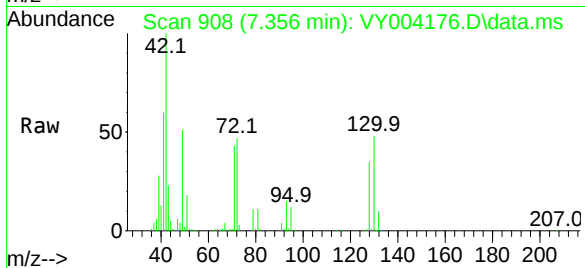
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.9  | 20.1  | 30.1  |



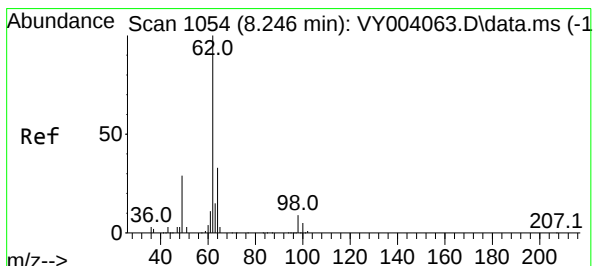
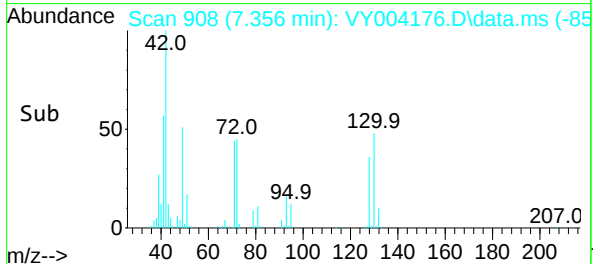
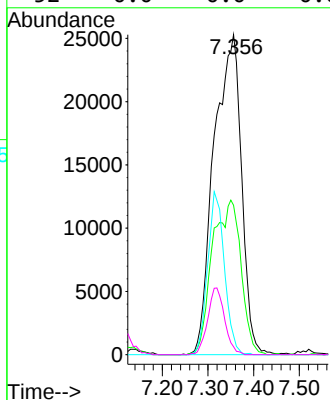


#41  
Methacrylonitrile  
Concen: 113.83 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.012 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Instrument :  
MSVOA\_Y  
ClientSampled :

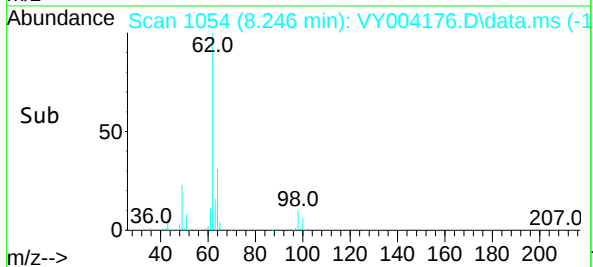
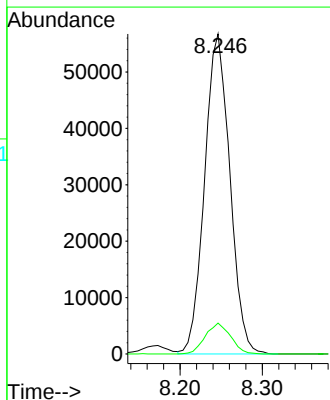
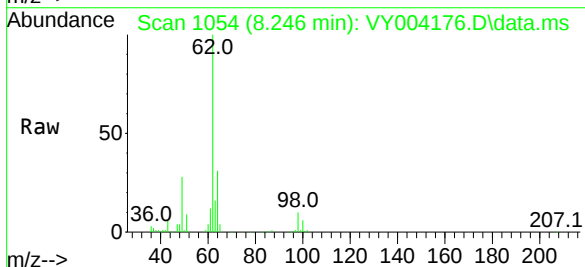


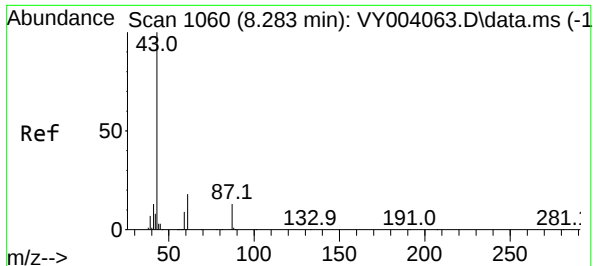
Tgt Ion: 41 Resp: 105295  
Ion Ratio Lower Upper  
41 100  
39 50.4 91.2 136.8#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 50.75 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 62 Resp: 121105  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 17.0

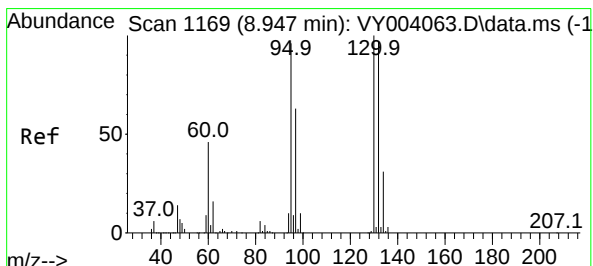
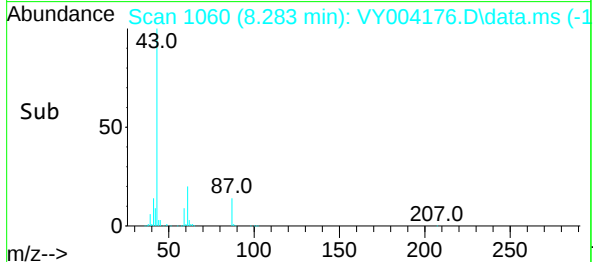
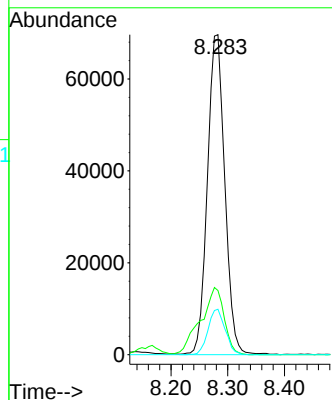
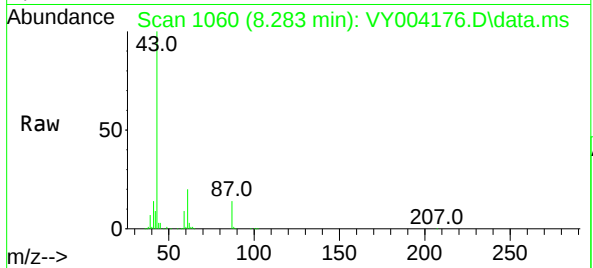




#43  
Isopropyl Acetate  
Concen: 49.53 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

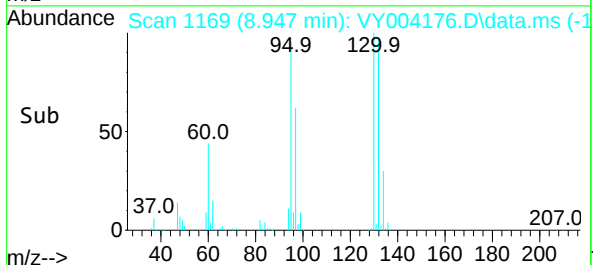
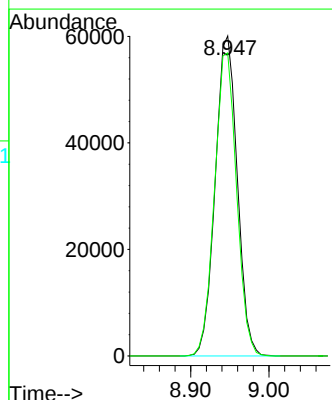
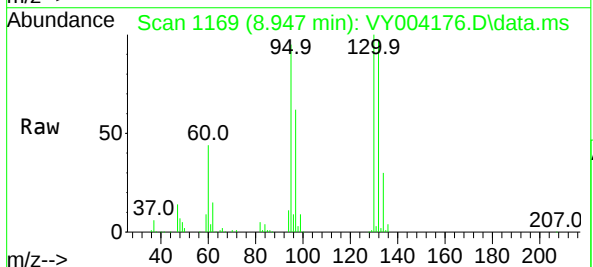
Instrument :  
MSVOA\_Y  
ClientSampled :

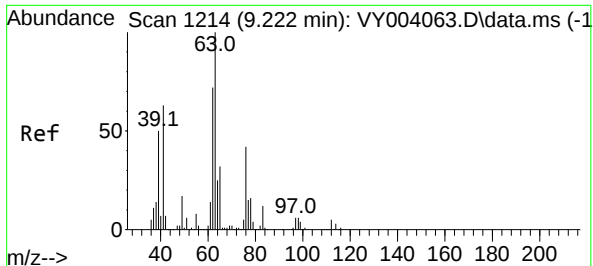
Tgt Ion: 43 Resp: 148368  
Ion Ratio Lower Upper  
43 100  
61 28.6 22.1 33.1  
87 14.0 9.8 14.8



#44  
Trichloroethene  
Concen: 52.06 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:130 Resp: 117698  
Ion Ratio Lower Upper  
130 100  
95 94.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.64 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY004176.D

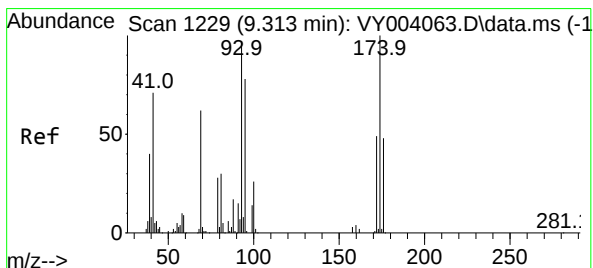
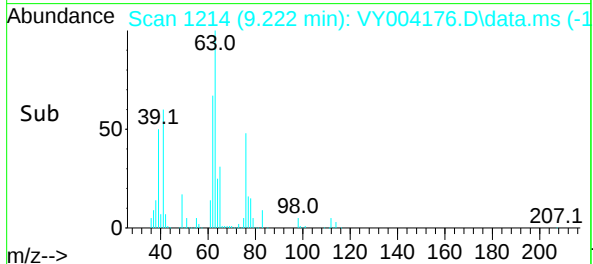
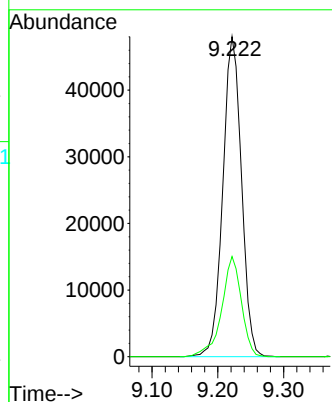
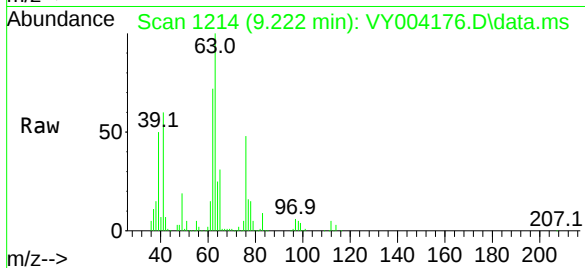
Acq: 24 Mar 2021 10:01

Tgt Ion: 63 Resp: 94804

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



#46

Dibromomethane

Concen: 51.98 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

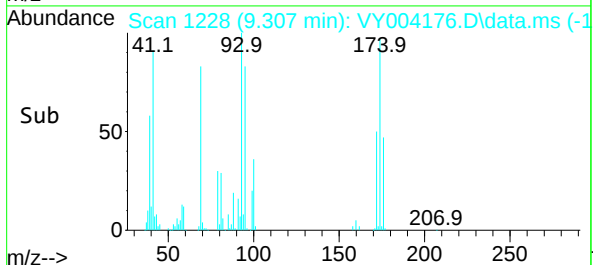
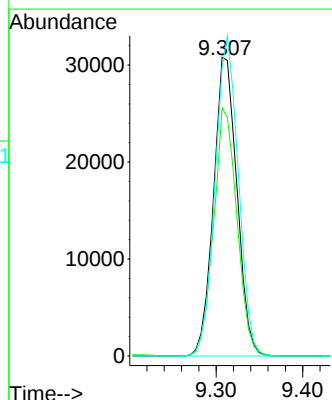
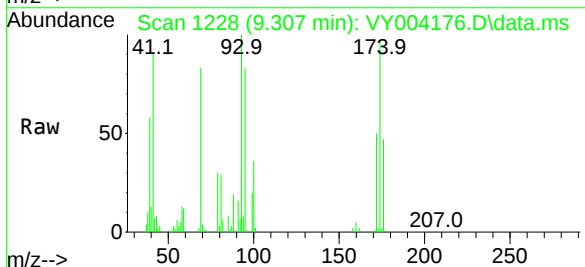
Tgt Ion: 93 Resp: 57920

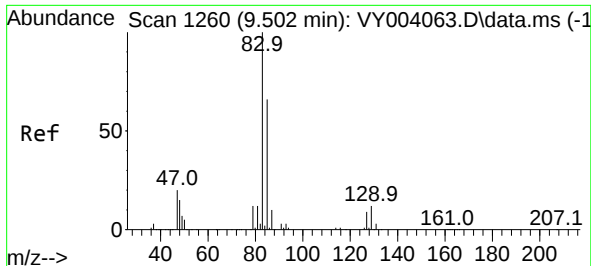
Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

174 106.0 88.1 132.1

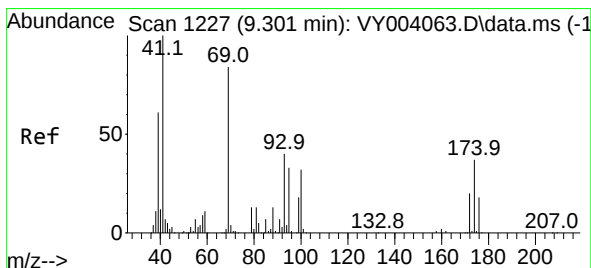
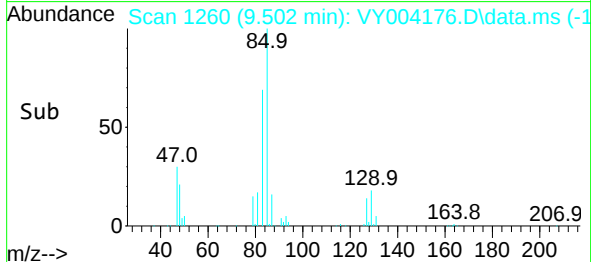
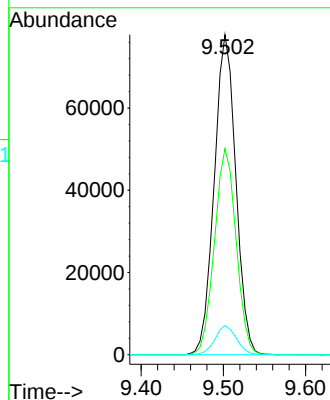
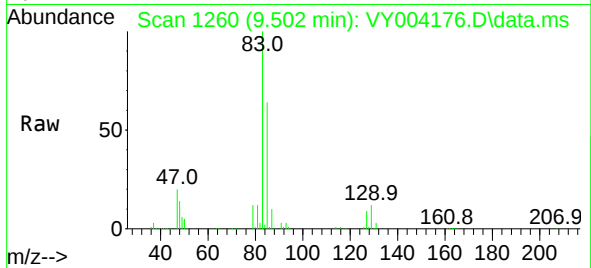




#47  
Bromodichloromethane  
Concen: 50.99 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

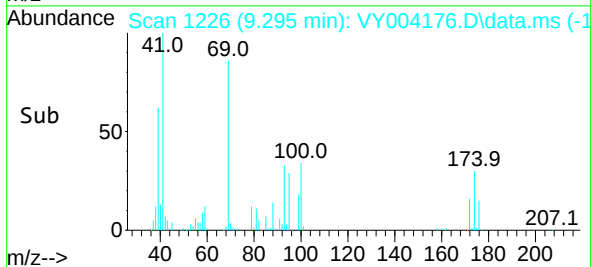
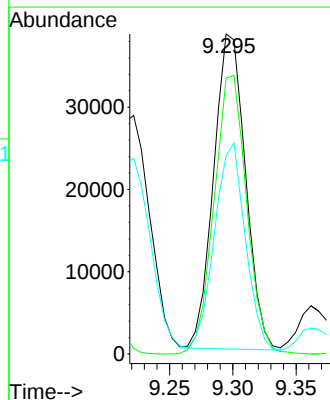
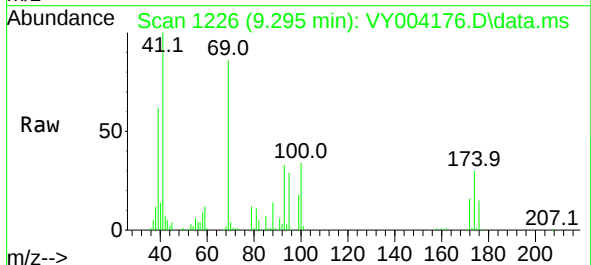
Instrument :  
MSVOA\_Y  
ClientSampled :

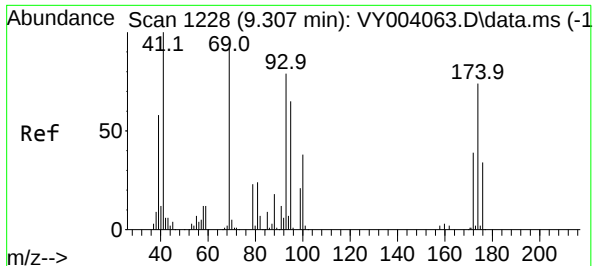
Tgt Ion: 83 Resp: 141846  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.6 77.4  
127 9.1 6.5 9.7



#48  
Methyl methacrylate  
Concen: 47.22 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 41 Resp: 67212  
Ion Ratio Lower Upper  
41 100  
69 90.4 65.1 97.7  
39 66.5 44.2 66.2#

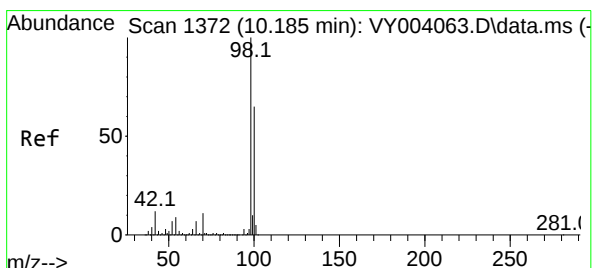
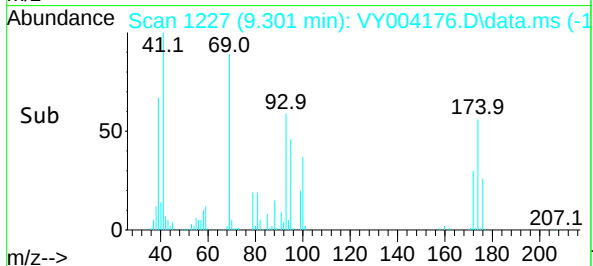
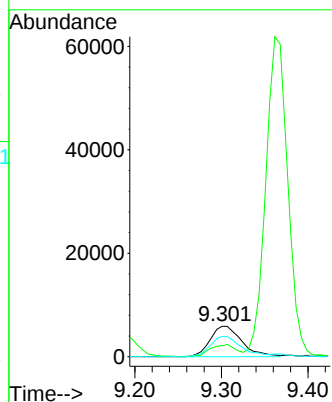
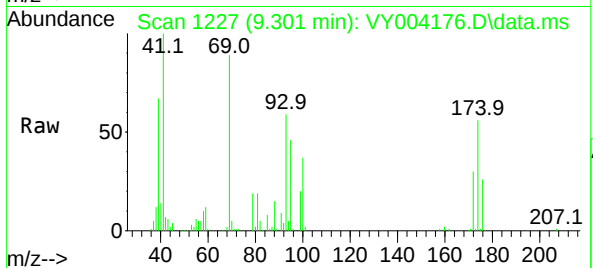




#49  
1,4-Dioxane  
Concen: 1051.06 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

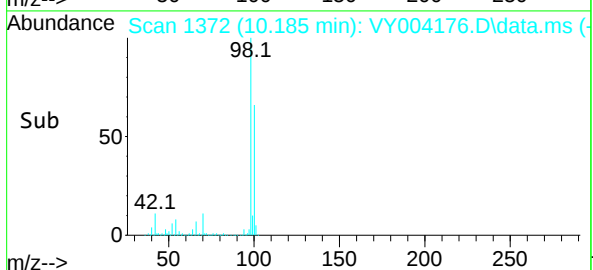
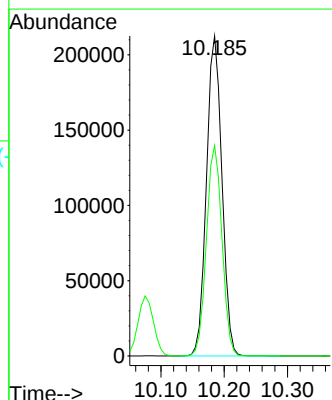
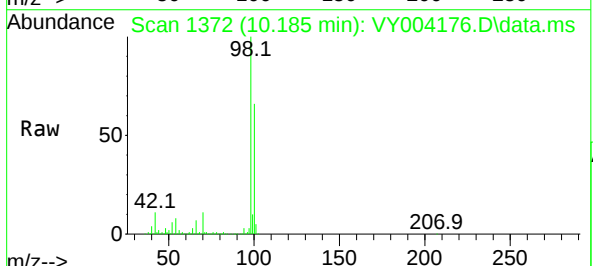
Instrument :  
MSVOA\_Y  
ClientSampled :

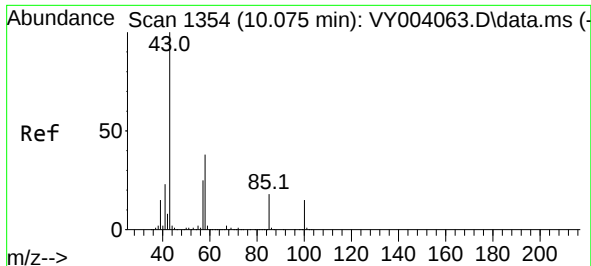
Tgt Ion: 88 Resp: 14910  
Ion Ratio Lower Upper  
88 100  
43 33.7 32.0 48.0  
58 65.7 56.5 84.7



#50  
Toluene-d8  
Concen: 51.86 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 98 Resp: 361665  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.8 77.6

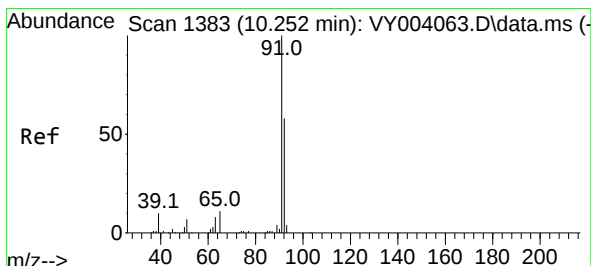
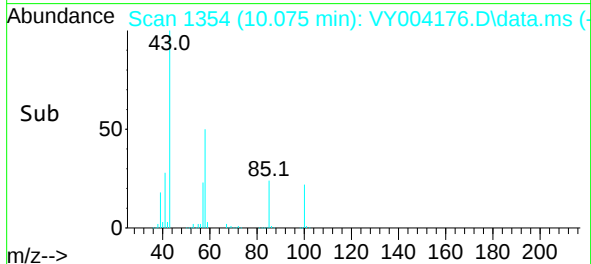
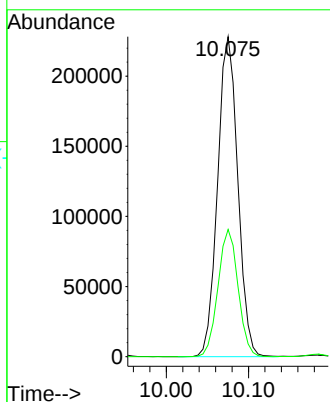
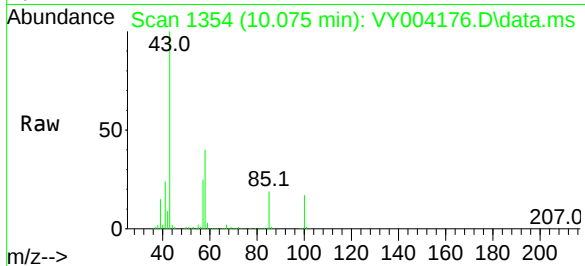




#51  
4-Methyl-2-Pentanone  
Concen: 257.16 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

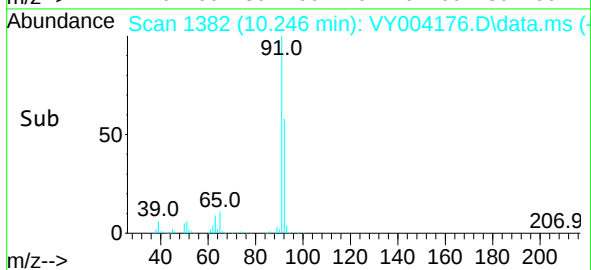
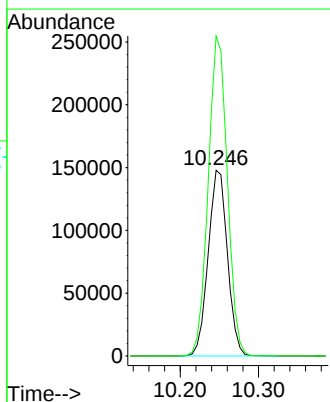
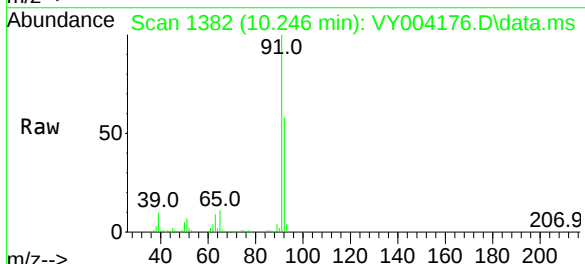
Instrument :  
MSVOA\_Y  
ClientSampled :

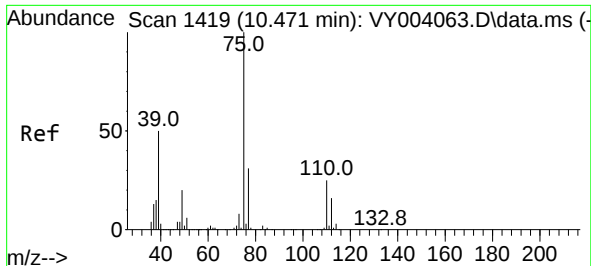
Tgt Ion: 43 Resp: 390122  
Ion Ratio Lower Upper  
43 100  
58 39.4 29.8 44.8



#52  
Toluene  
Concen: 49.74 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 92 Resp: 251466  
Ion Ratio Lower Upper  
92 100  
91 171.5 141.0 211.4

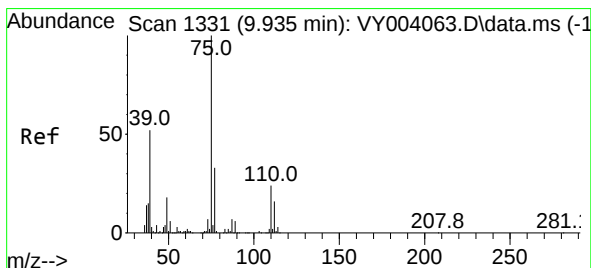
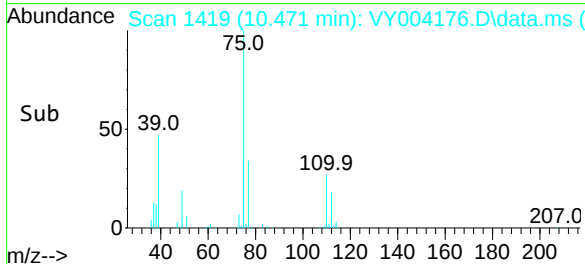
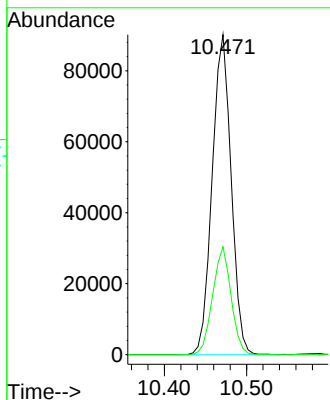
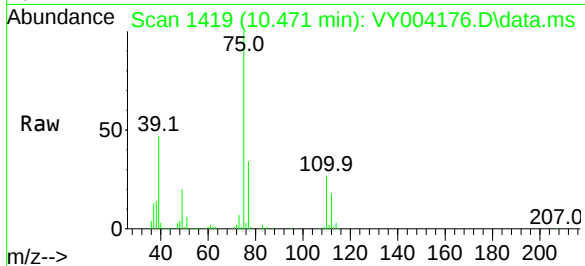




#53  
t-1,3-Dichloropropene  
Concen: 49.27 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

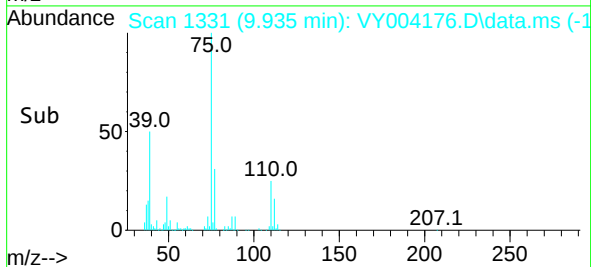
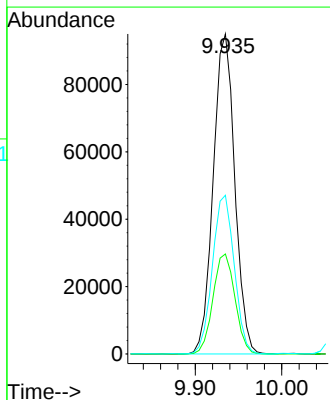
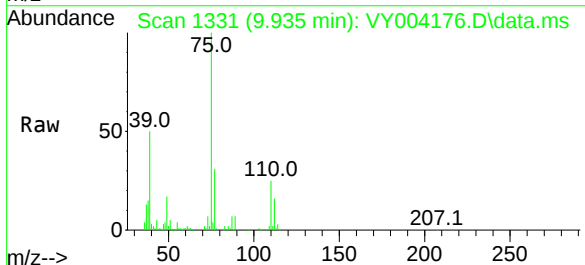
Instrument :  
MSVOA\_Y  
ClientSampled :

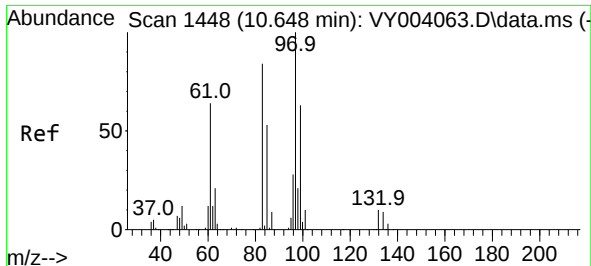
Tgt Ion: 75 Resp: 144600  
Ion Ratio Lower Upper  
75 100  
77 33.7 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 49.90 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 75 Resp: 164092  
Ion Ratio Lower Upper  
75 100  
77 31.2 24.2 36.4  
39 49.5 40.4 60.6

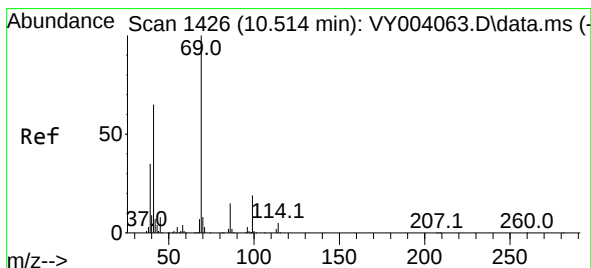
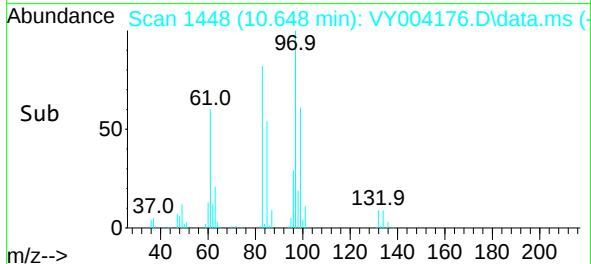
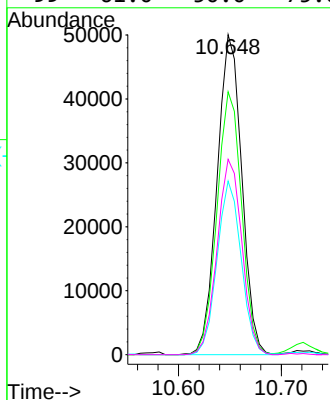
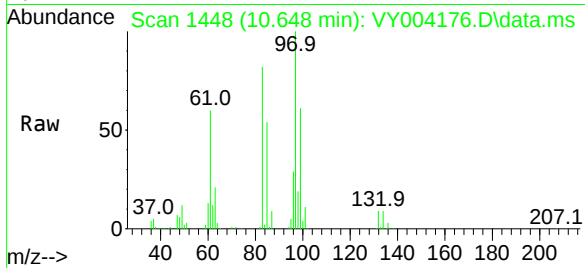




#55  
1,1,2-Trichloroethane  
Concen: 53.26 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

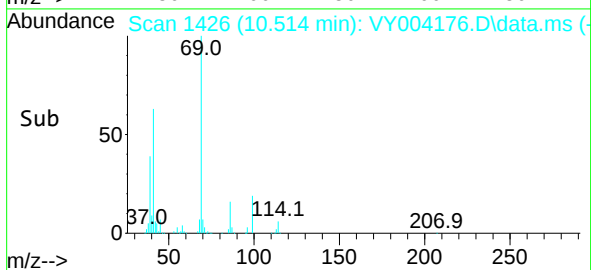
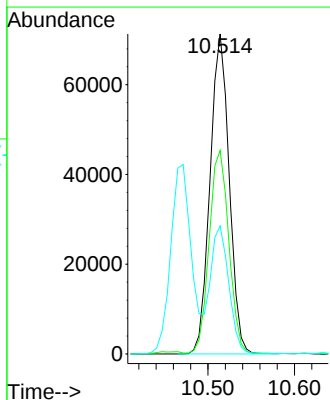
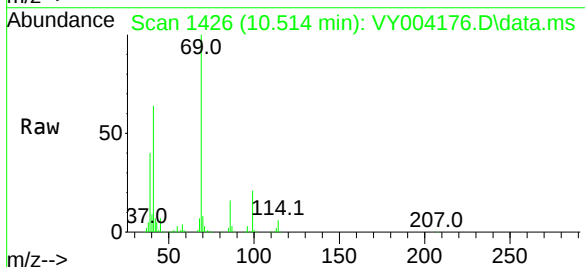
Instrument :  
MSVOA\_Y  
ClientSampled :

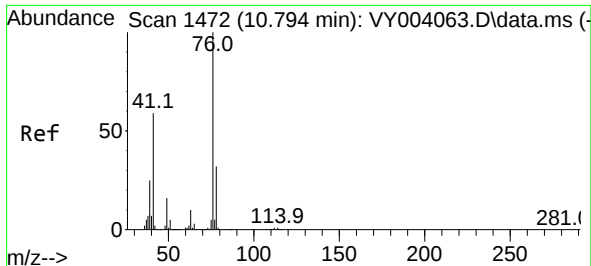
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 83462 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.1  | 69.4  | 104.0 |
| 85       | 54.3  | 43.4  | 65.0  |
| 99       | 61.0  | 50.0  | 75.0  |



#56  
Ethyl methacrylate  
Concen: 49.98 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 109496 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.1  | 57.2  | 85.8   |
| 39       | 37.1  | 27.8  | 41.6   |

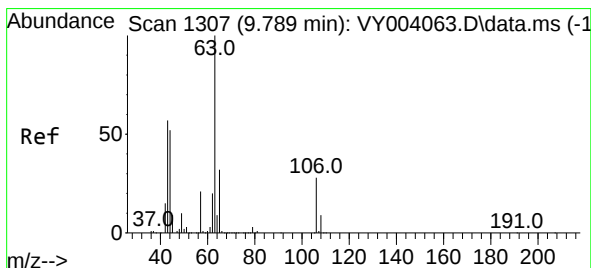
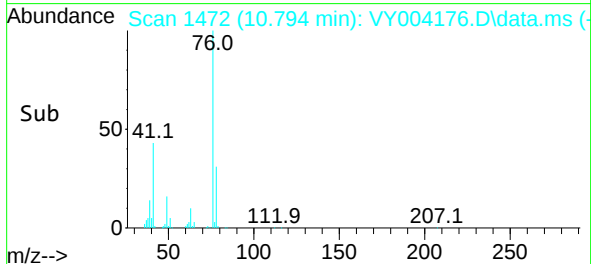
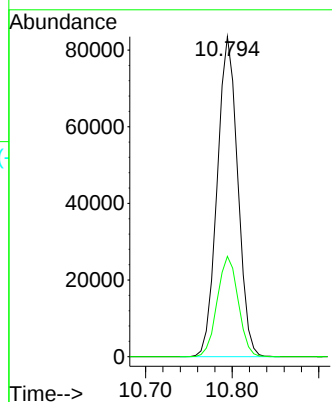
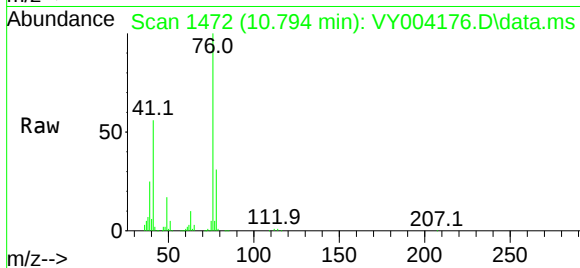




#57  
1,3-Dichloropropane  
Concen: 51.24 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

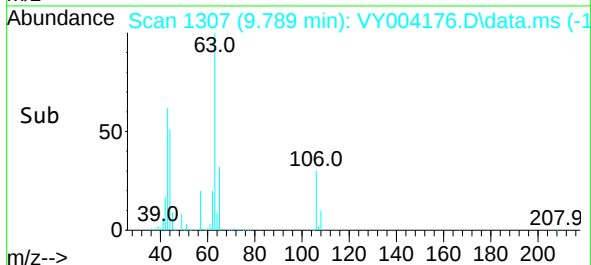
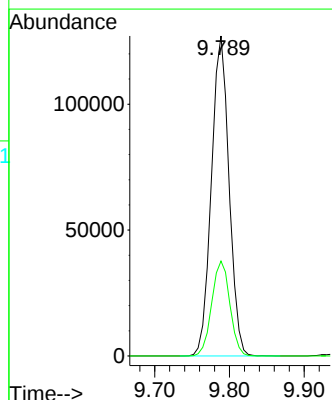
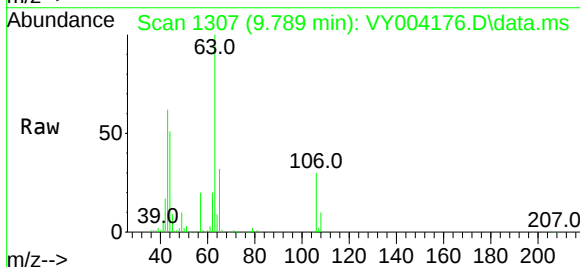
Instrument :  
MSVOA\_Y  
ClientSampled :

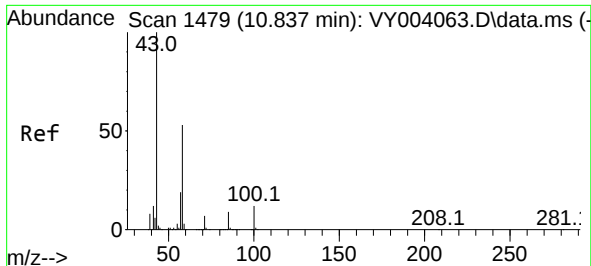
Tgt Ion: 76 Resp: 137493  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 243.06 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 63 Resp: 208803  
Ion Ratio Lower Upper  
63 100  
106 30.4 22.1 33.1

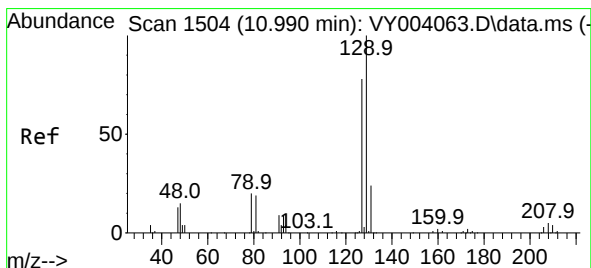
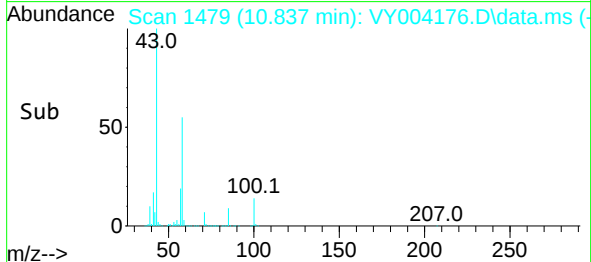
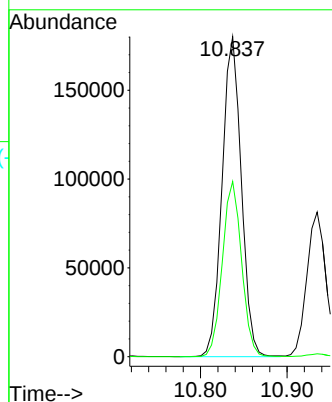
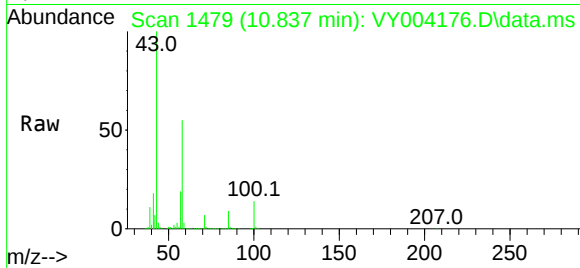




#59  
2-Hexanone  
Concen: 260.77 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

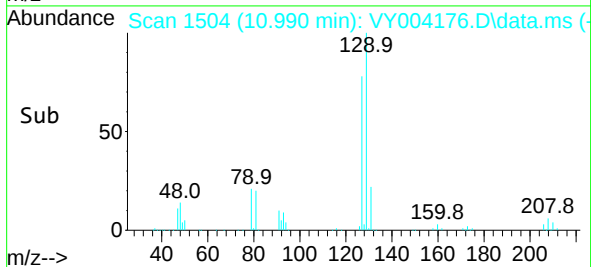
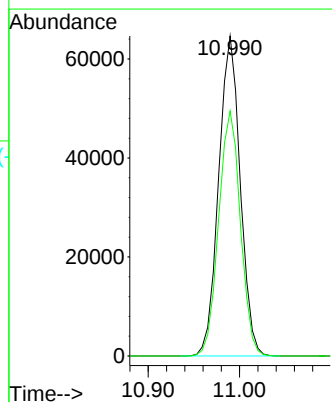
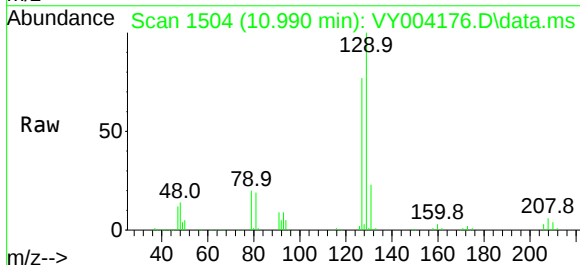
Instrument :  
MSVOA\_Y  
ClientSampled :

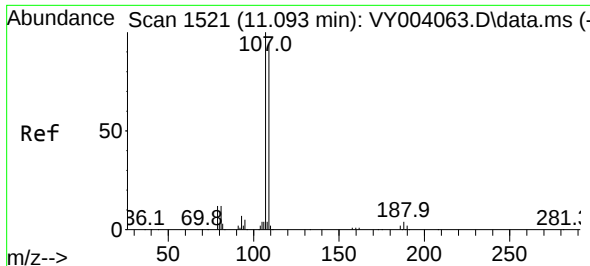
Tgt Ion: 43 Resp: 277940  
Ion Ratio Lower Upper  
43 100  
58 54.7 26.5 79.4



#60  
Dibromochloromethane  
Concen: 53.91 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 129 Resp: 106063  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.0 117.0

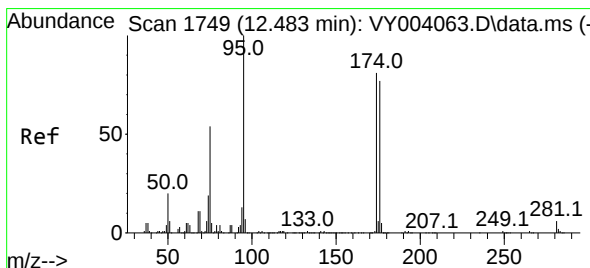
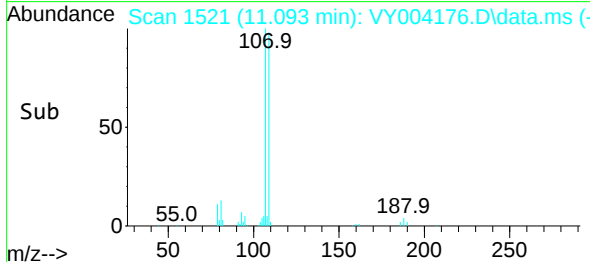
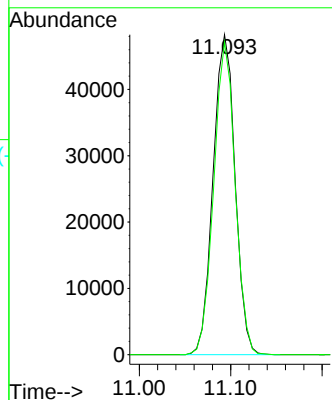
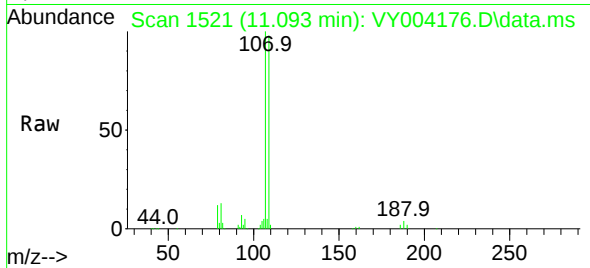




#61  
1,2-Dibromoethane  
Concen: 52.70 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

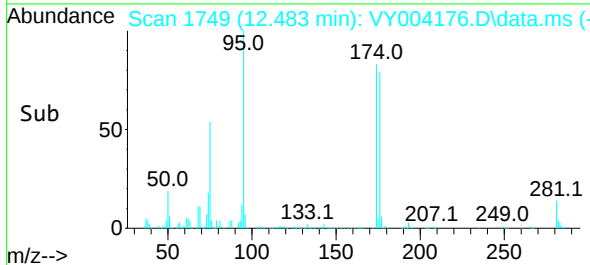
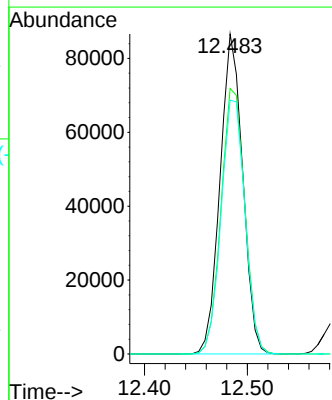
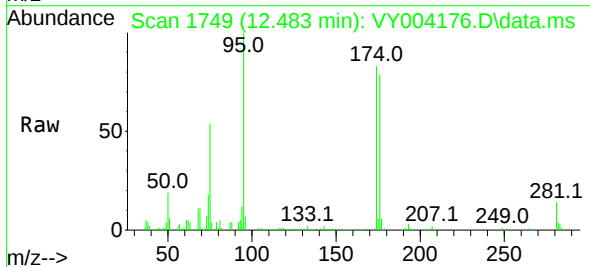
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:107 Resp: 80422  
Ion Ratio Lower Upper  
107 100  
109 95.3 76.7 115.1



#62  
4-Bromofluorobenzene  
Concen: 51.28 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 95 Resp: 132087  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 179.0  
176 84.0 0.0 174.4

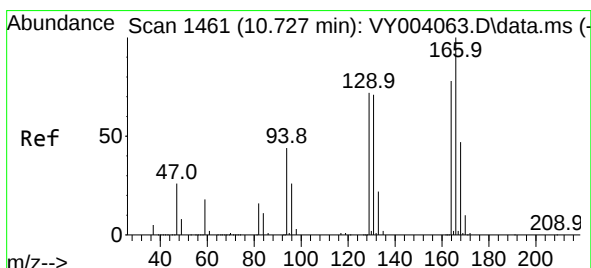
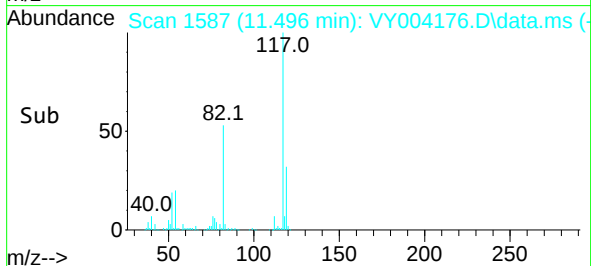
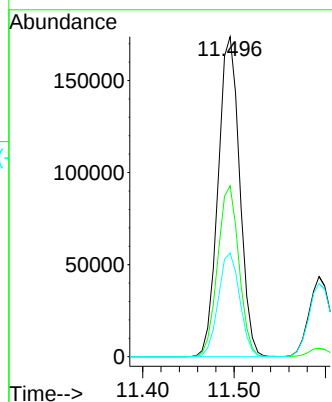
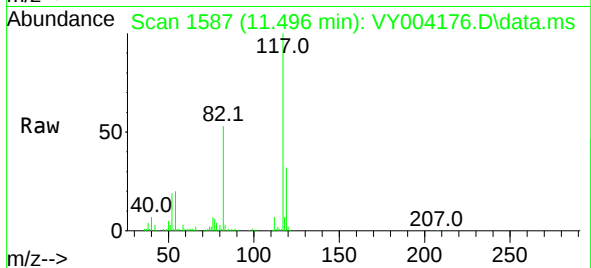




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

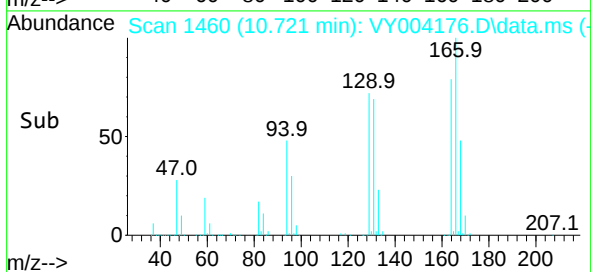
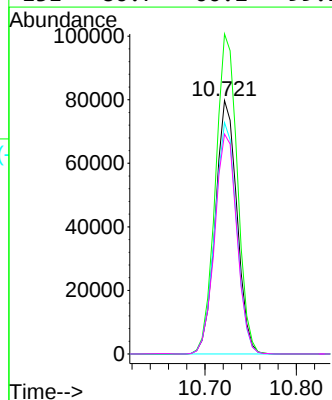
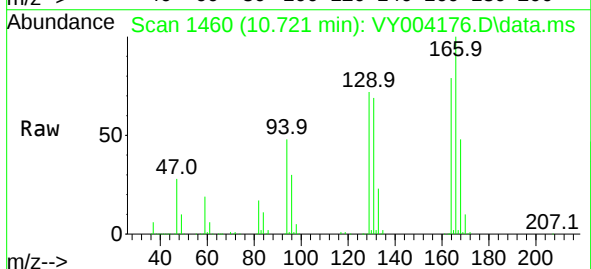
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:117 Resp: 284565  
Ion Ratio Lower Upper  
117 100  
82 53.4 43.8 65.6  
119 32.4 26.2 39.2



#64  
Tetrachloroethene  
Concen: 54.90 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:164 Resp: 130786  
Ion Ratio Lower Upper  
164 100  
166 126.3 102.7 154.1  
129 91.3 70.6 105.8  
131 86.7 66.2 99.2

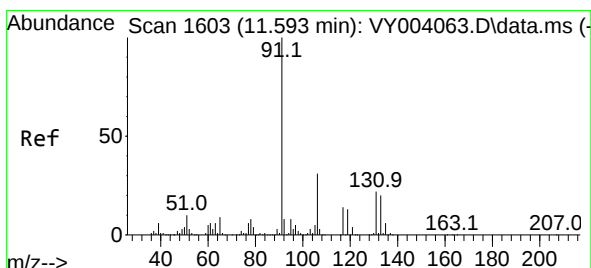
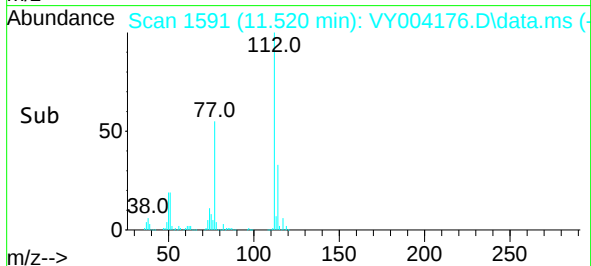
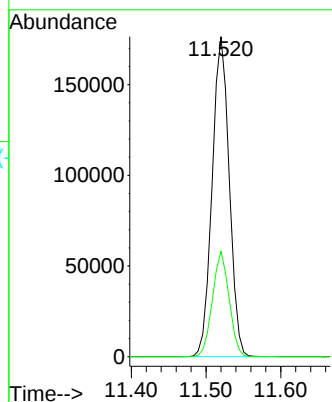
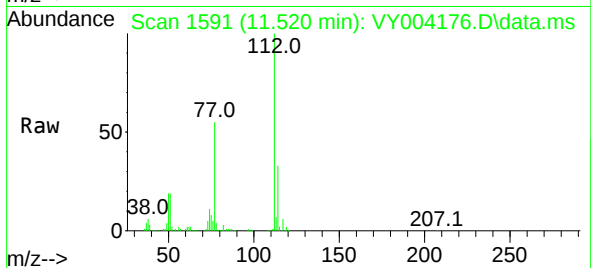




#65  
Chlorobenzene  
Concen: 51.34 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

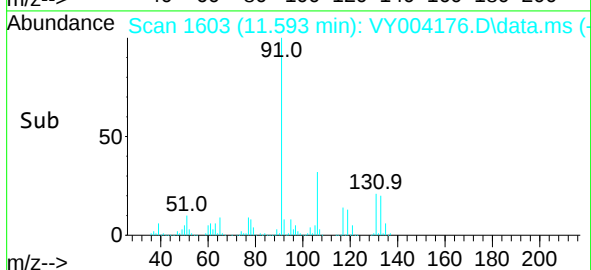
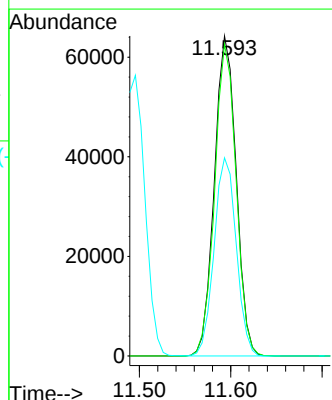
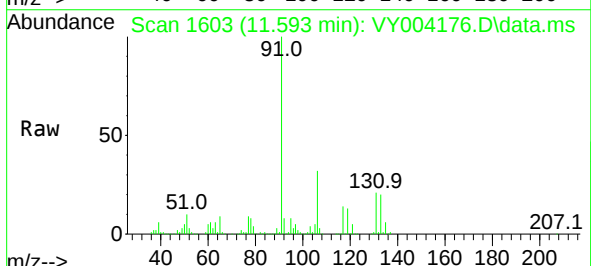
Instrument :  
MSVOA\_Y  
ClientSampleId :

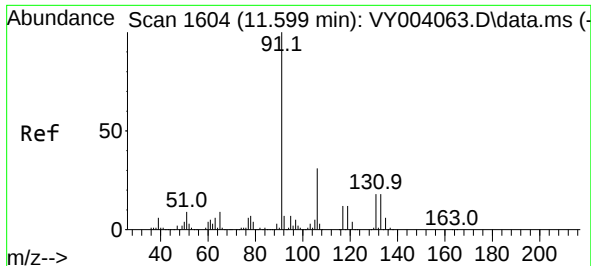
Tgt Ion:112 Resp: 279953  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.5 39.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.20 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:131 Resp: 106495  
Ion Ratio Lower Upper  
131 100  
133 95.9 48.1 144.3  
119 62.9 31.5 94.5

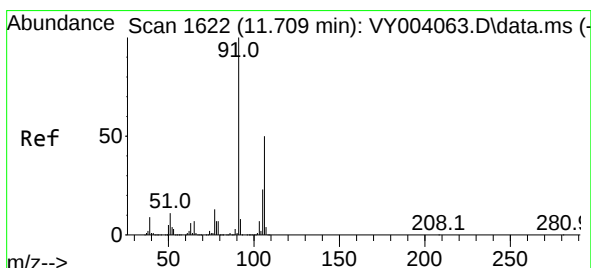
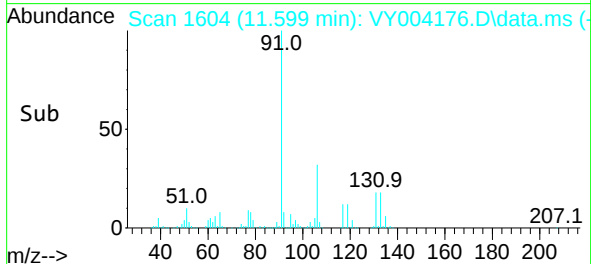
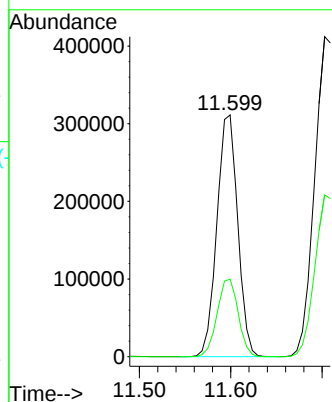
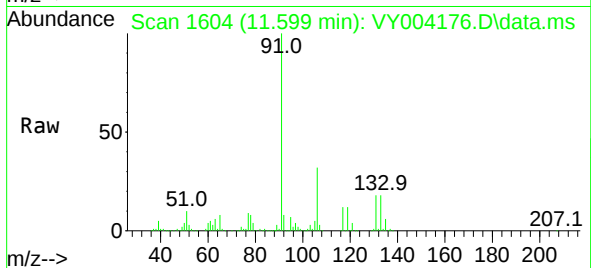




#67  
Ethyl Benzene  
Concen: 49.22 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

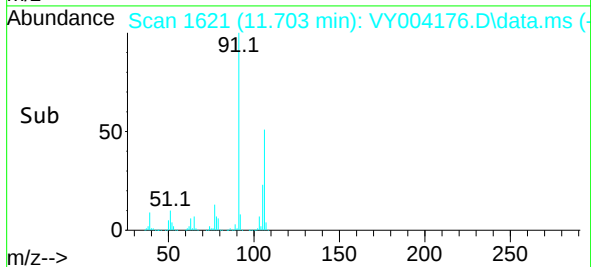
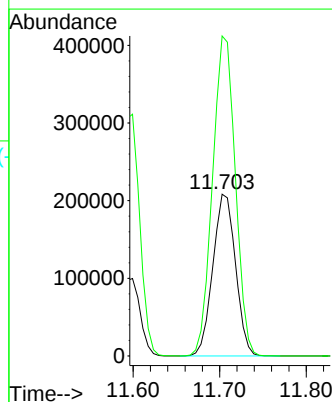
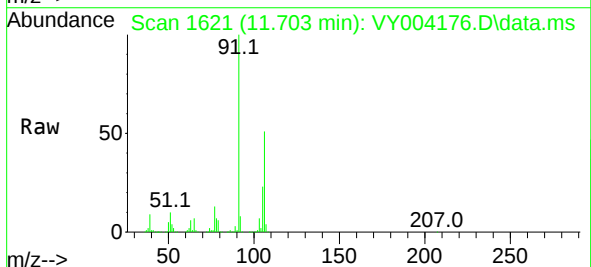
Instrument :  
MSVOA\_Y  
ClientSampled :

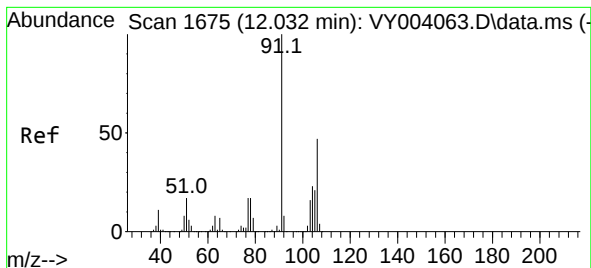
Tgt Ion: 91 Resp: 492857  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 99.27 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 106 Resp: 379062  
Ion Ratio Lower Upper  
106 100  
91 198.5 165.4 248.0

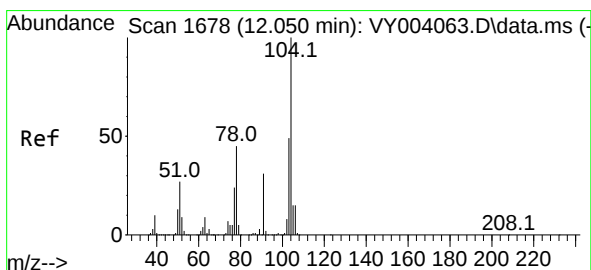
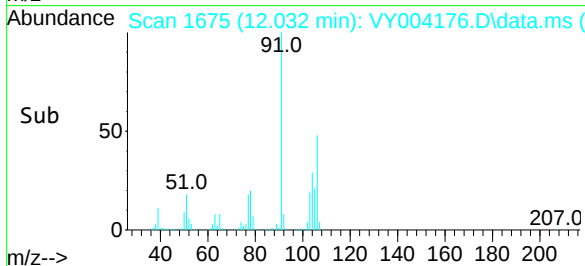
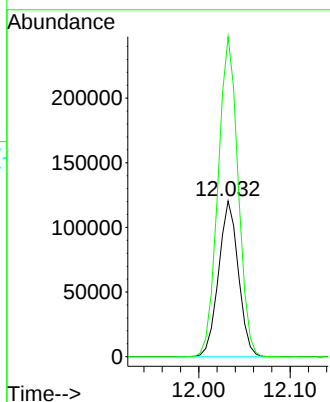
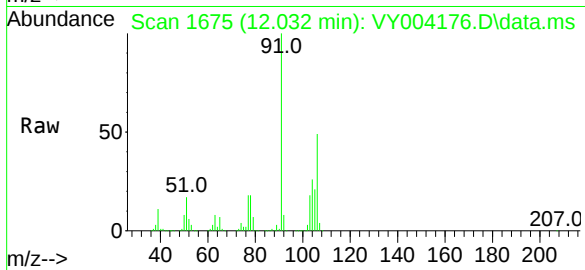




#69  
o-Xylene  
Concen: 50.19 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

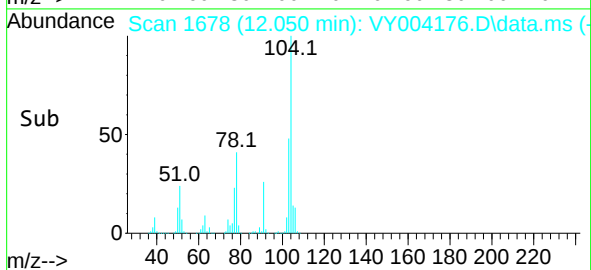
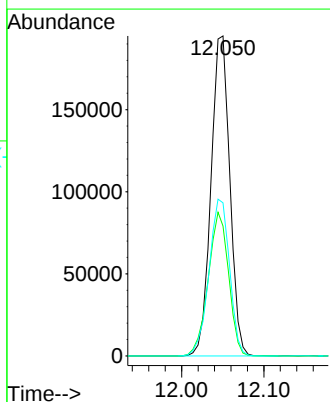
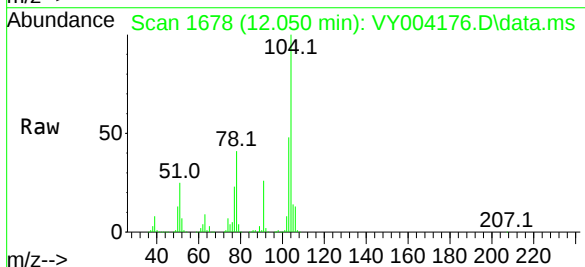
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:106 Resp: 181177  
Ion Ratio Lower Upper  
106 100  
91 208.8 108.9 326.7



#70  
Styrene  
Concen: 50.17 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:104 Resp: 310103  
Ion Ratio Lower Upper  
104 100  
78 48.5 41.1 61.7  
103 53.5 43.9 65.9





#71

Bromoform

Concen: 54.98 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

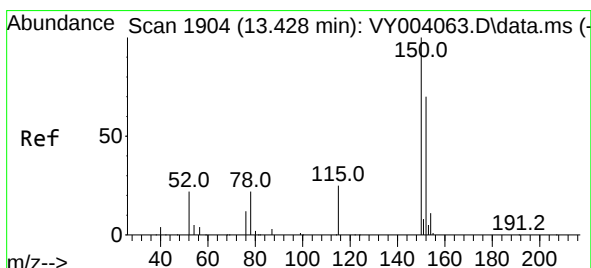
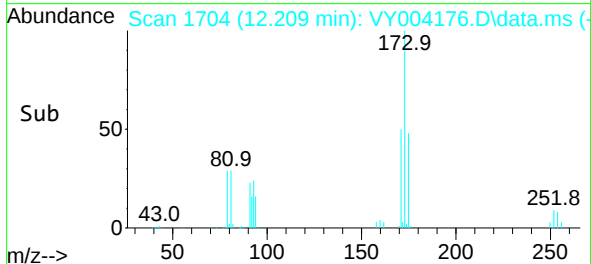
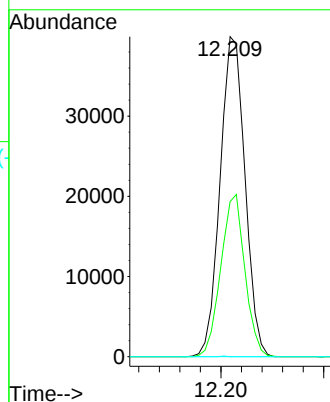
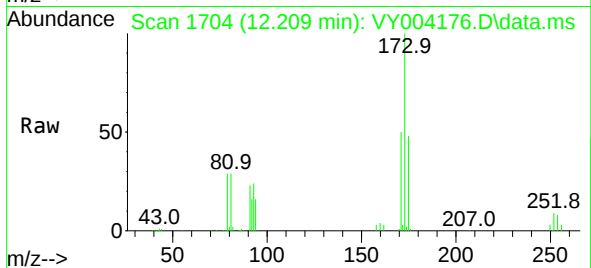
Tgt Ion:173 Resp: 67108

Ion Ratio Lower Upper

173 100

175 48.9 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: VY004176.D

Acq: 24 Mar 2021 10:01

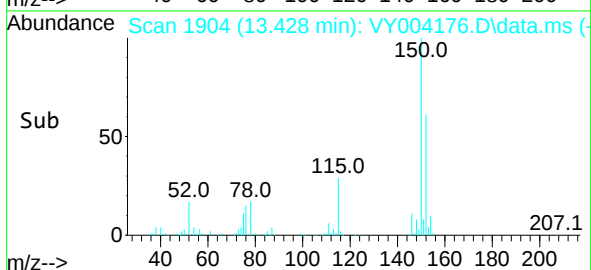
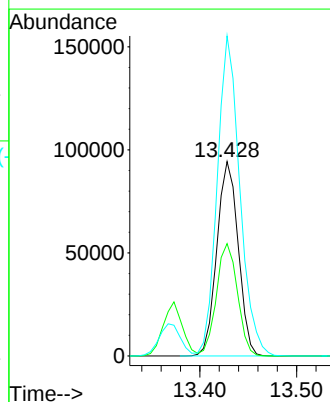
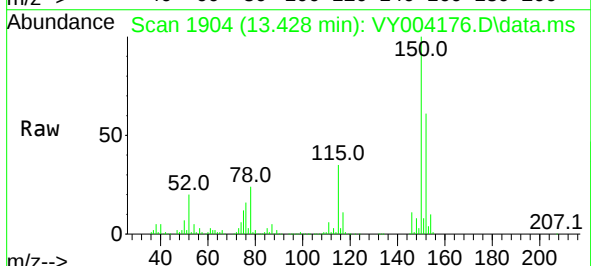
Tgt Ion:152 Resp: 144551

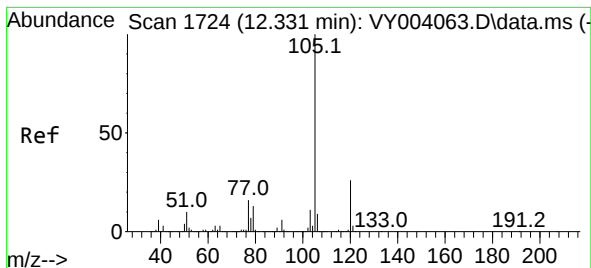
Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.6

150 174.3 0.0 347.2





#73

Isopropylbenzene

Concen: 49.54 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VY004176.D

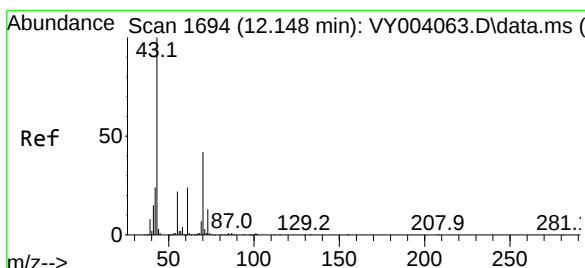
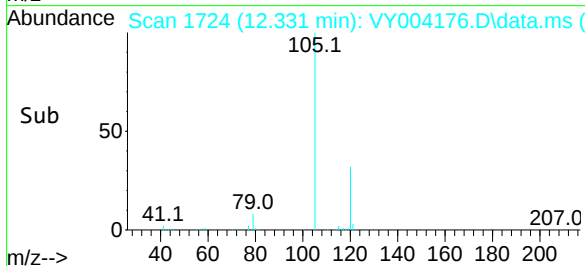
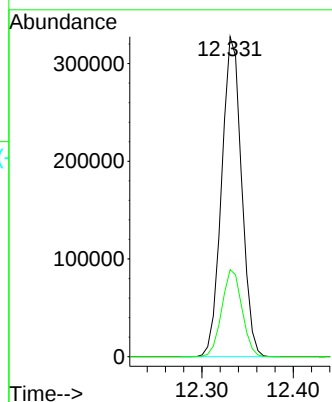
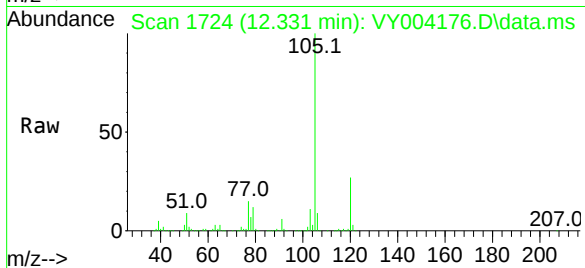
Acq: 24 Mar 2021 10:01

Tgt Ion:105 Resp: 497665

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#74

N-ethyl acetate

Concen: 47.41 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY004176.D

Acq: 24 Mar 2021 10:01

Tgt Ion: 43 Resp: 136422

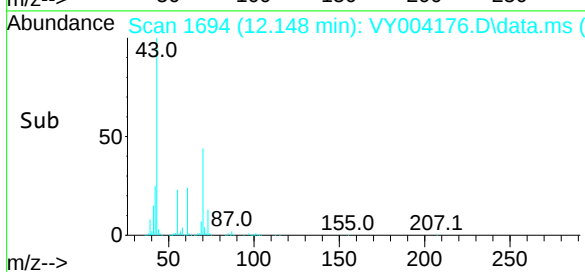
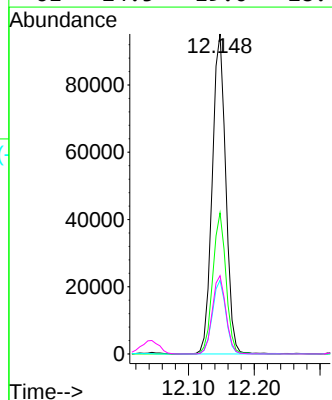
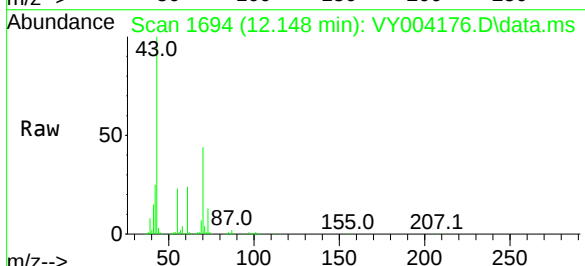
Ion Ratio Lower Upper

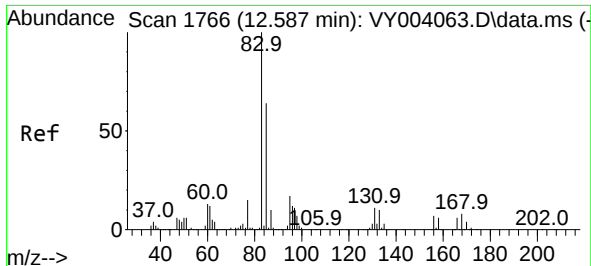
43 100

70 43.1 32.3 48.5

55 23.2 18.4 27.6

61 24.5 19.0 28.4

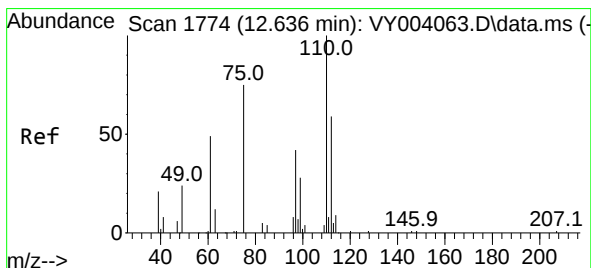
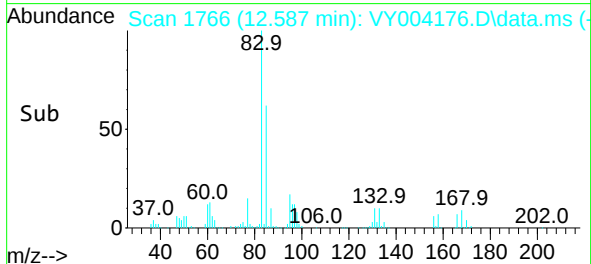
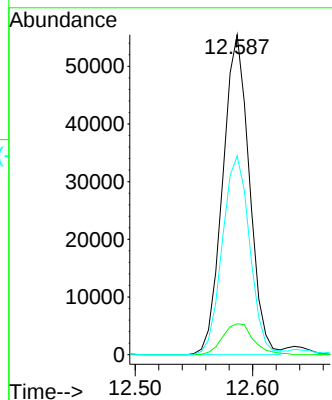
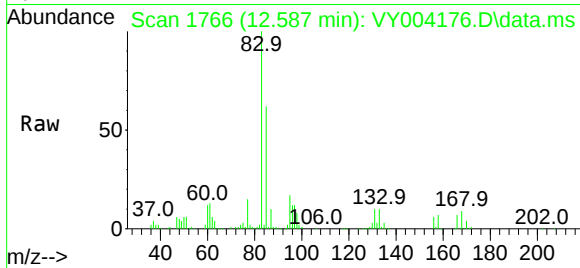




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.05 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

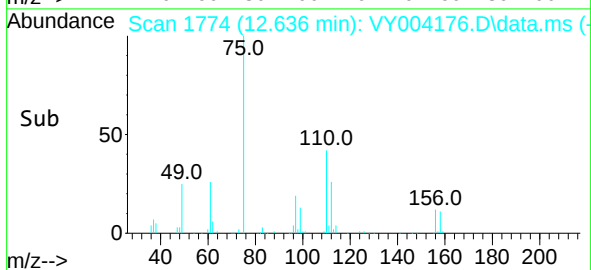
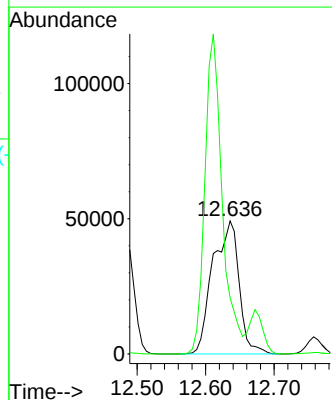
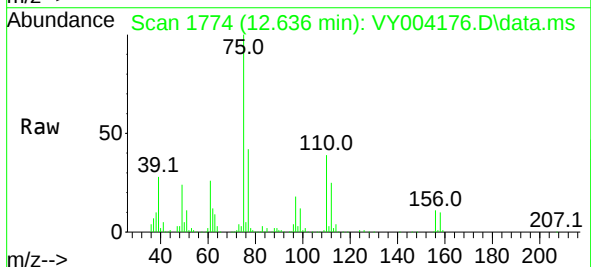
Instrument :  
MSVOA\_Y  
ClientSampled :

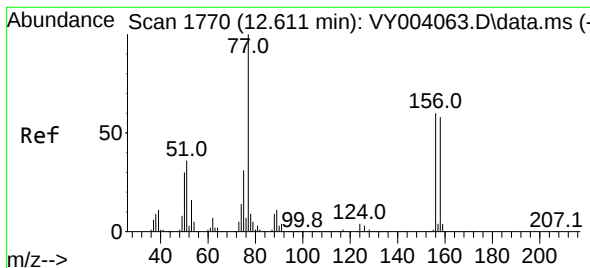
Tgt Ion: 83 Resp: 87353  
Ion Ratio Lower Upper  
83 100  
131 11.1 5.5 16.4  
85 64.2 31.6 95.0



#76  
1,2,3-Trichloropropane  
Concen: 94.63 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 75 Resp: 131162  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

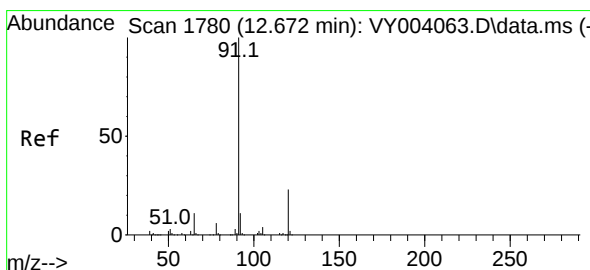
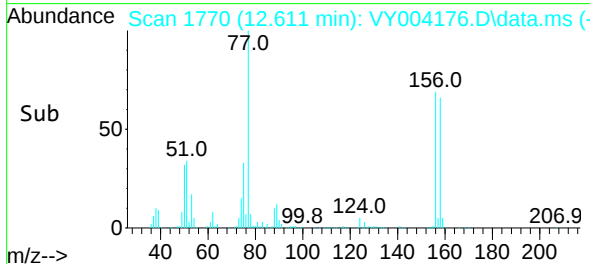
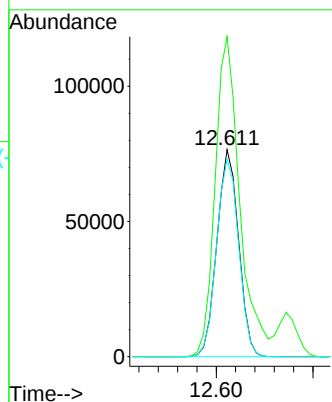
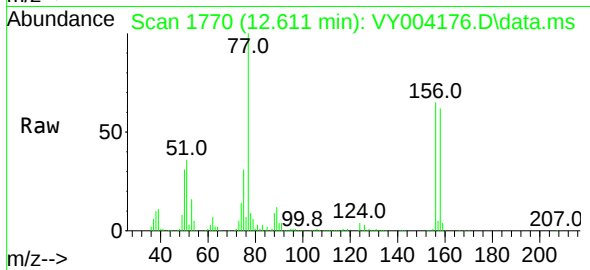




#77  
Bromobenzene  
Concen: 51.14 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

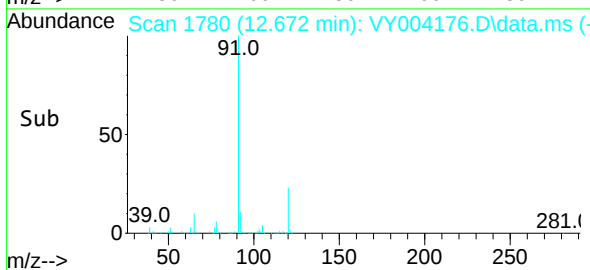
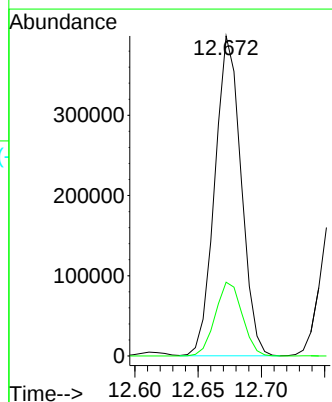
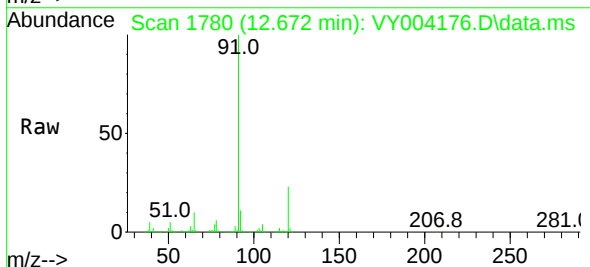
Instrument :  
MSVOA\_Y  
ClientSampled :

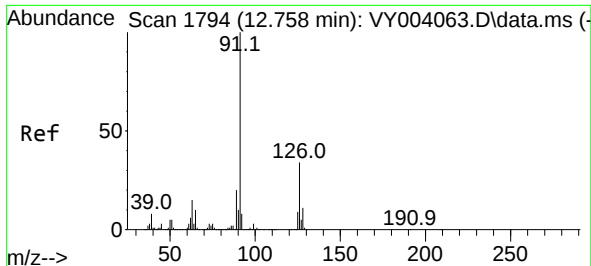
Tgt Ion:156 Resp: 118699  
Ion Ratio Lower Upper  
156 100  
77 175.6 90.5 271.3  
158 97.5 48.9 146.6



#78  
n-propylbenzene  
Concen: 48.63 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 91 Resp: 575626  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.3 33.9

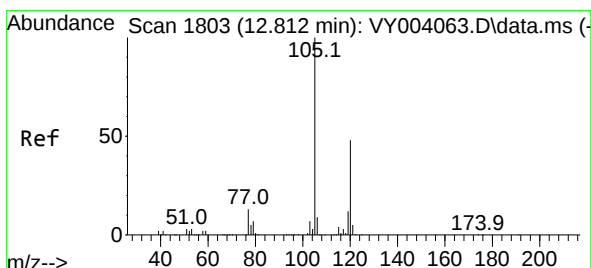
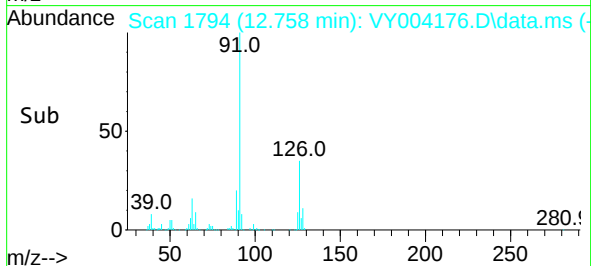
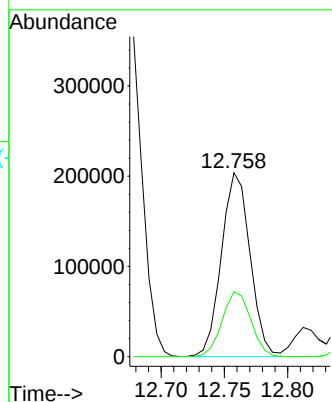
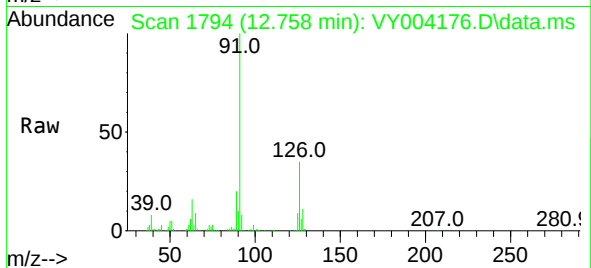




#79  
2-Chlorotoluene  
Concen: 48.31 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

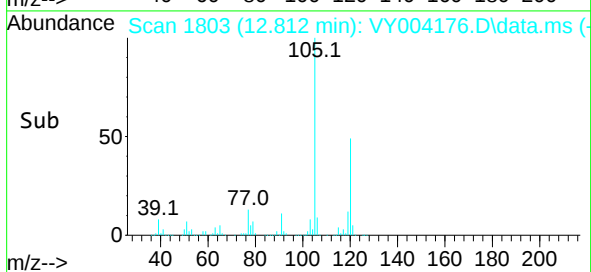
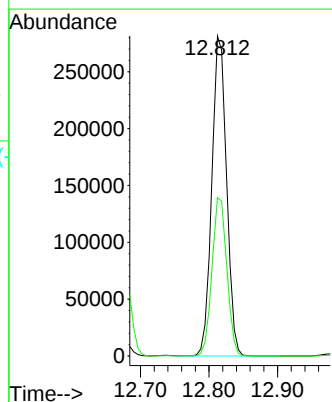
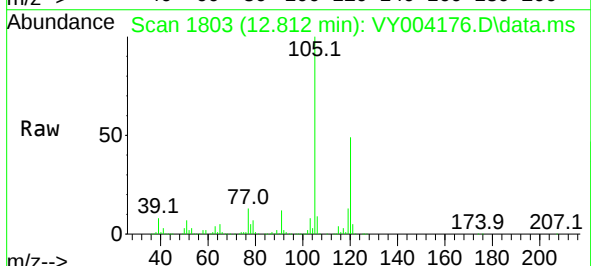
Instrument :  
MSVOA\_Y  
ClientSampled :

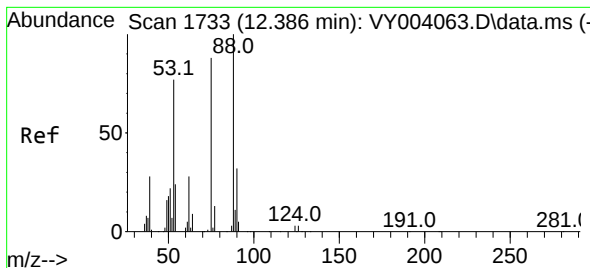
Tgt Ion: 91 Resp: 321021  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 49.29 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 105 Resp: 420017  
Ion Ratio Lower Upper  
105 100  
120 49.9 24.1 72.2

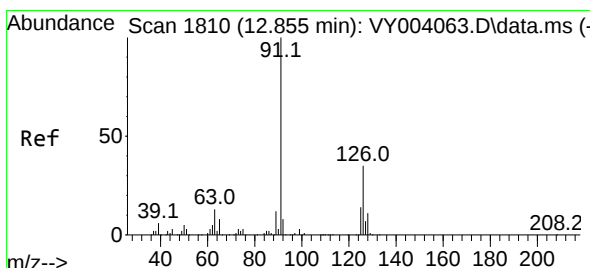
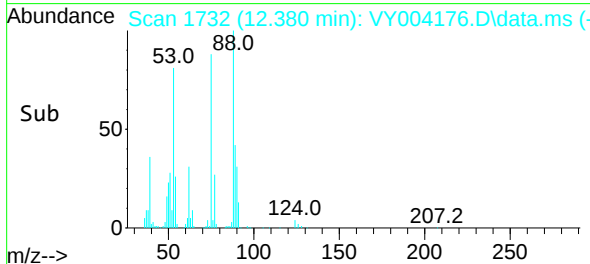
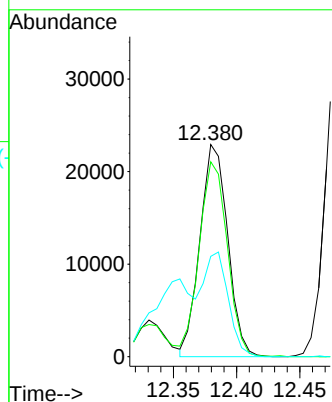
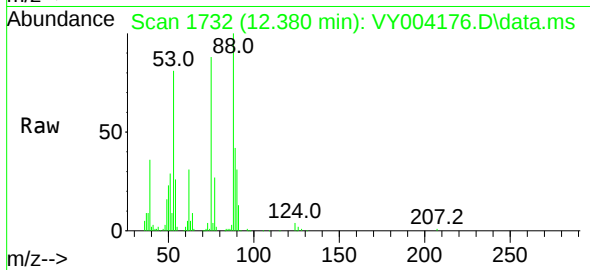




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.92 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

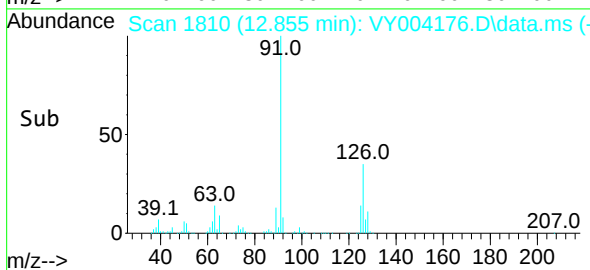
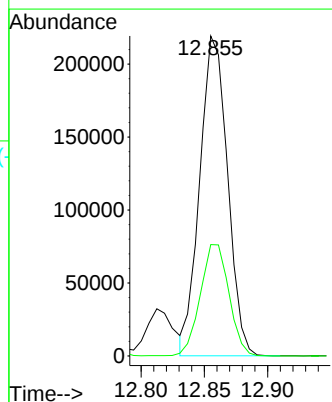
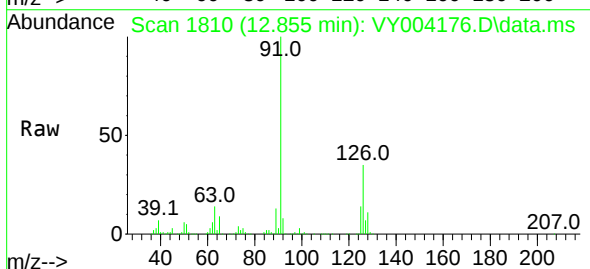
Instrument :  
MSVOA\_Y  
ClientSampleId :

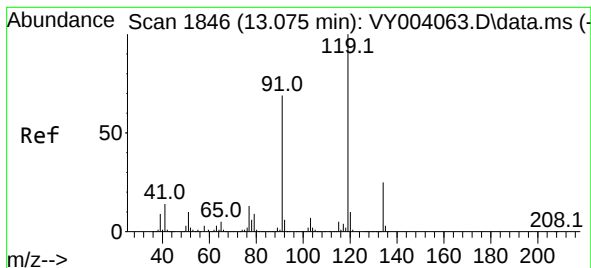
Tgt Ion: 75 Resp: 35059  
Ion Ratio Lower Upper  
75 100  
53 92.9 73.5 110.3  
89 44.1 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 47.64 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 91 Resp: 335064  
Ion Ratio Lower Upper  
91 100  
126 36.1 16.8 50.4

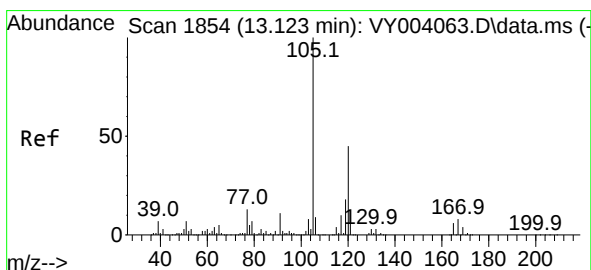
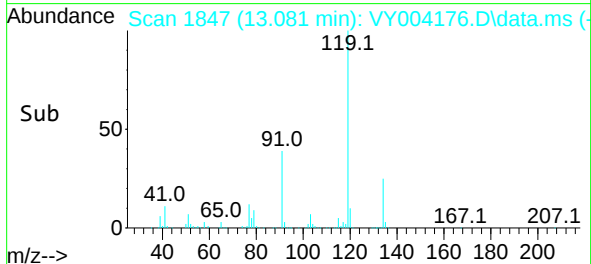
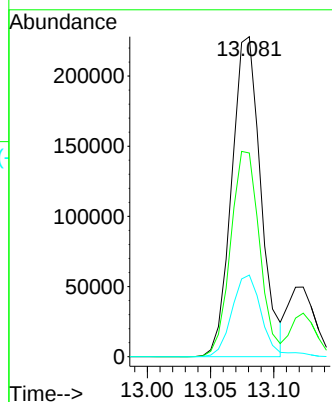
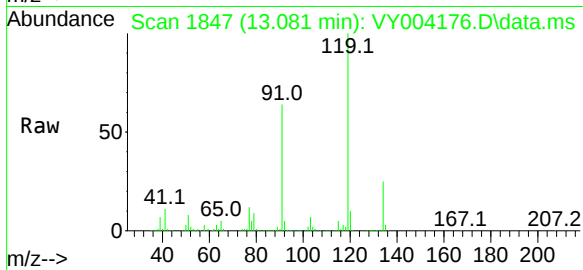




#83  
tert-Butylbenzene  
Concen: 49.78 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

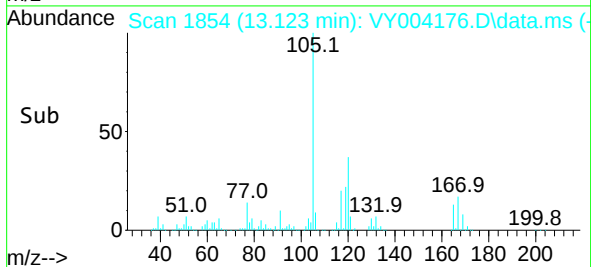
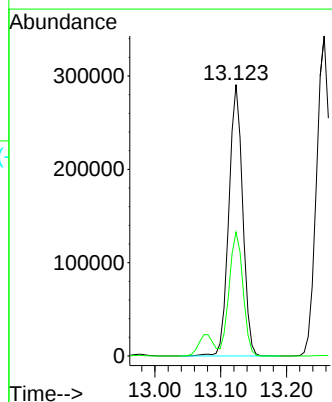
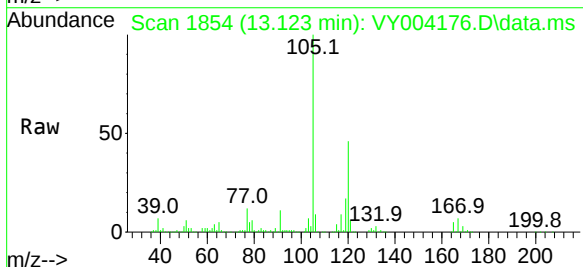
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:119 Resp: 364920  
Ion Ratio Lower Upper  
119 100  
91 63.9 33.0 99.0  
134 26.2 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 49.72 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:105 Resp: 424304  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.1 66.3

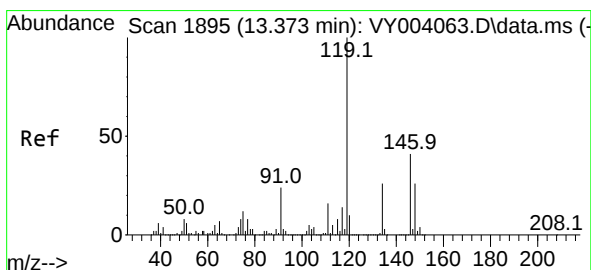
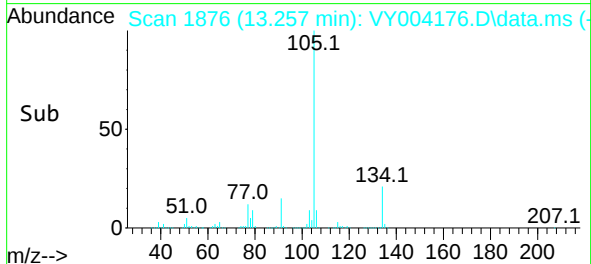
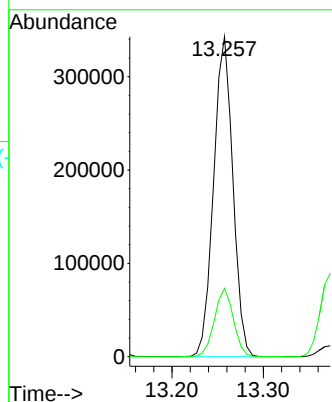
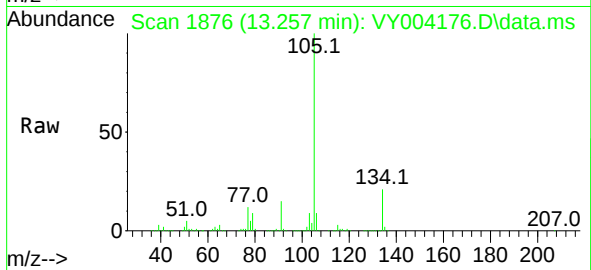




#85  
 sec-Butylbenzene  
 Concen: 49.52 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. 0.000 min  
 Lab File: VY004176.D  
 Acq: 24 Mar 2021 10:01

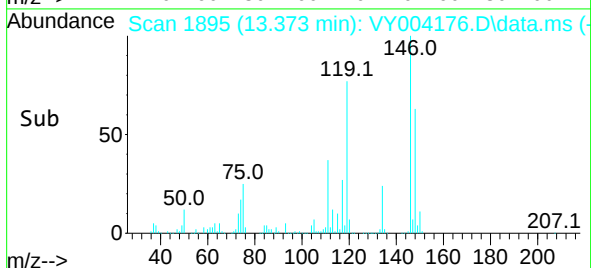
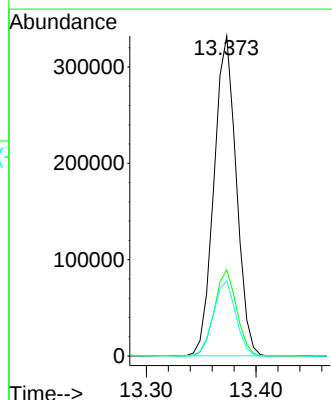
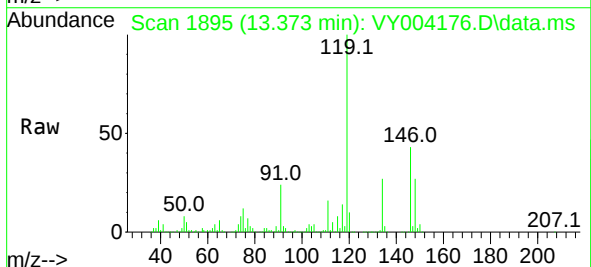
Instrument :  
 MSVOA\_Y  
 ClientSampled :

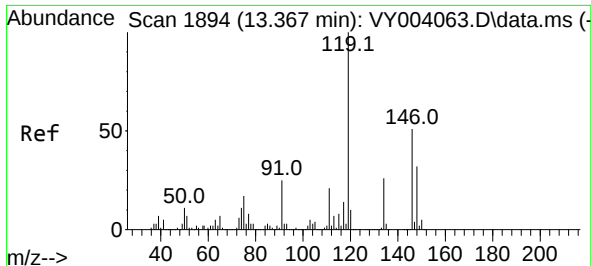
Tgt Ion:105 Resp: 500631  
 Ion Ratio Lower Upper  
 105 100  
 134 21.0 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 50.04 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY004176.D  
 Acq: 24 Mar 2021 10:01

Tgt Ion:119 Resp: 468984  
 Ion Ratio Lower Upper  
 119 100  
 134 26.9 13.2 39.5  
 91 23.6 12.1 36.3

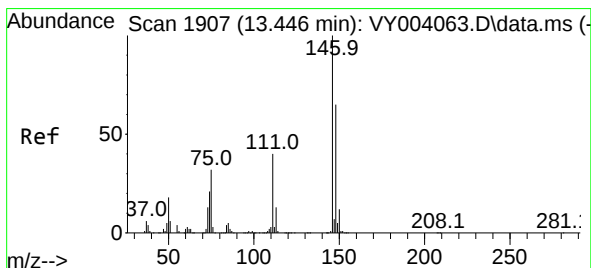
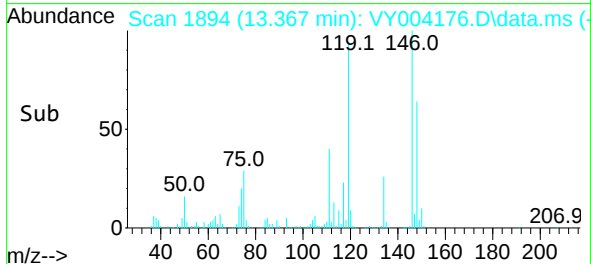
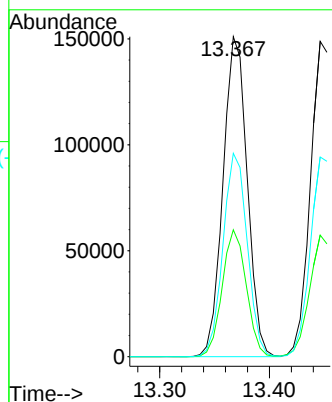
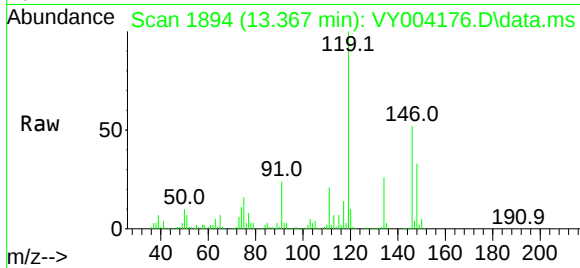




#87  
1,3-Dichlorobenzene  
Concen: 51.72 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

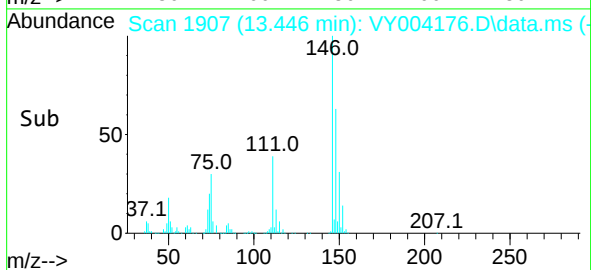
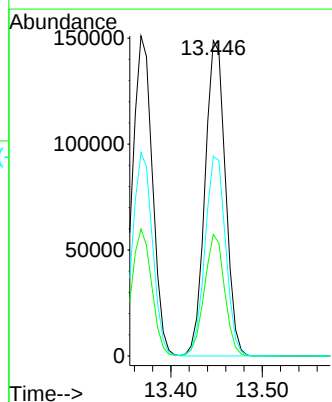
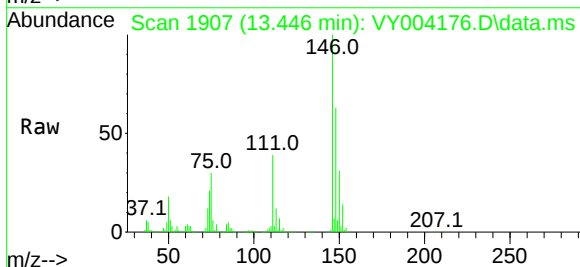
Instrument :  
MSVOA\_Y  
ClientSampled :

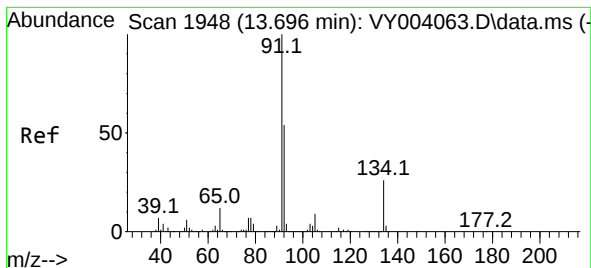
Tgt Ion:146 Resp: 231719  
Ion Ratio Lower Upper  
146 100  
111 39.4 18.9 56.7  
148 63.7 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 51.37 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:146 Resp: 229695  
Ion Ratio Lower Upper  
146 100  
111 38.3 18.6 55.8  
148 64.2 31.8 95.4

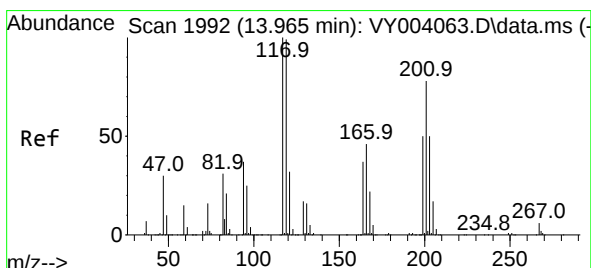
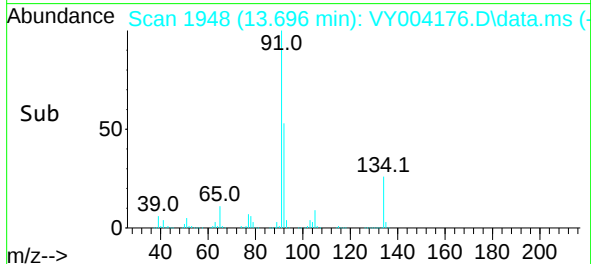
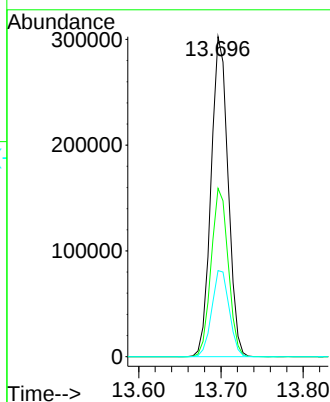
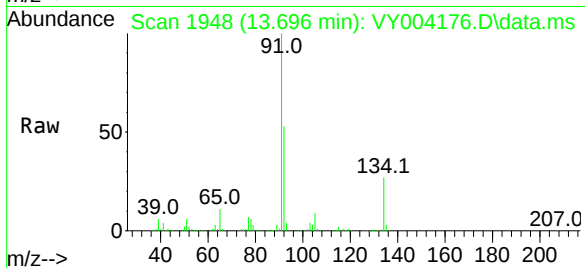




#89  
n-Butylbenzene  
Concen: 48.71 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

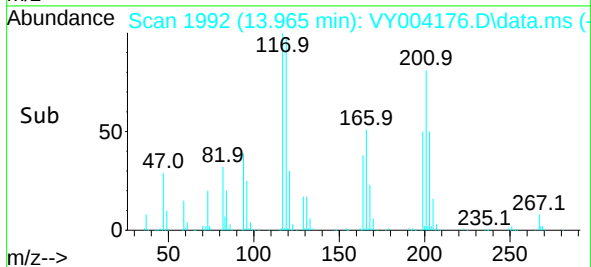
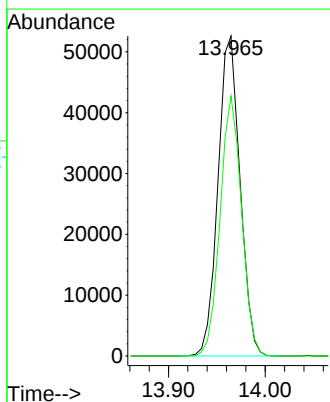
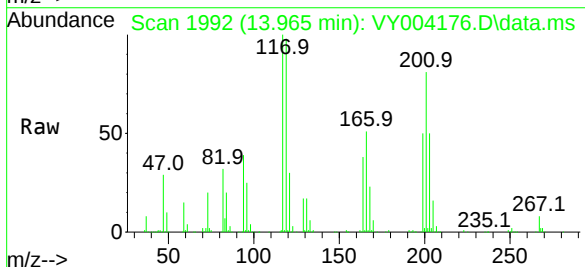
Instrument :  
MSVOA\_Y  
ClientSampleId :

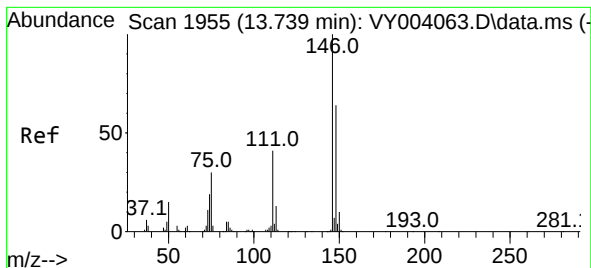
Tgt Ion: 91 Resp: 434483  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.5 79.4  
134 27.6 13.2 39.5



#90  
Hexachloroethane  
Concen: 49.33 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 117 Resp: 83074  
Ion Ratio Lower Upper  
117 100  
201 79.1 46.0 138.0

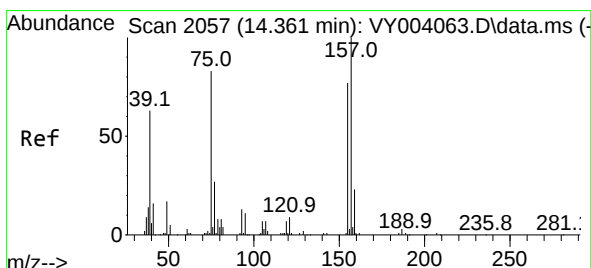
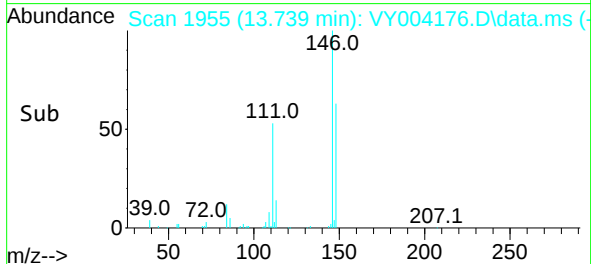
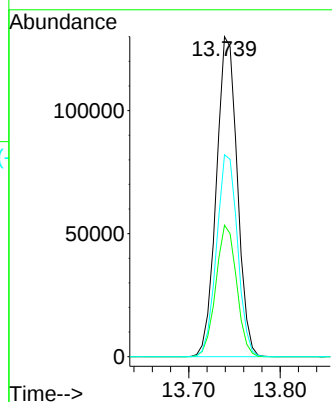
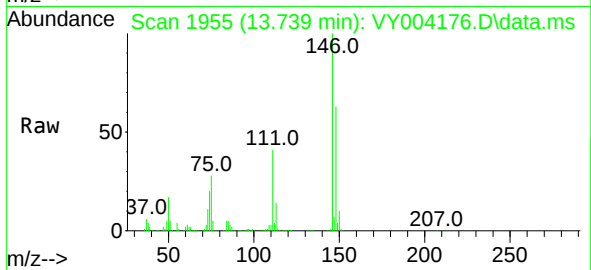




#91  
1,2-Dichlorobenzene  
Concen: 52.11 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

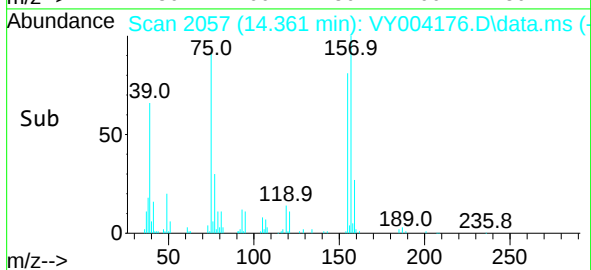
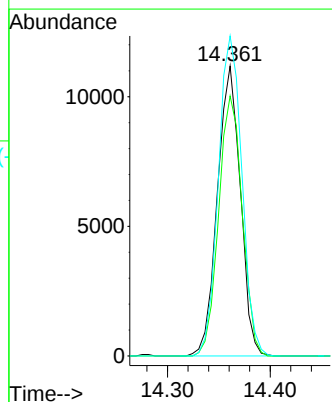
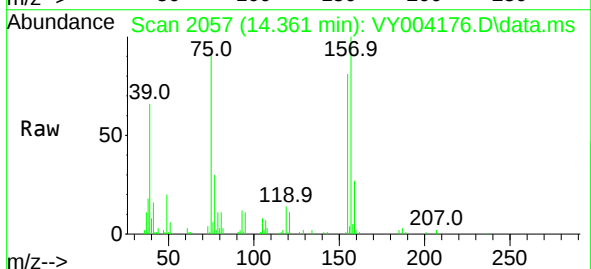
Instrument :  
MSVOA\_Y  
ClientSampled :

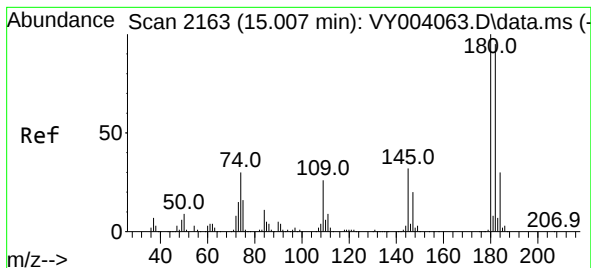
Tgt Ion:146 Resp: 207070  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.6 58.8  
148 63.3 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.51 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion: 75 Resp: 17316  
Ion Ratio Lower Upper  
75 100  
155 92.0 42.8 128.4  
157 113.1 52.4 157.3

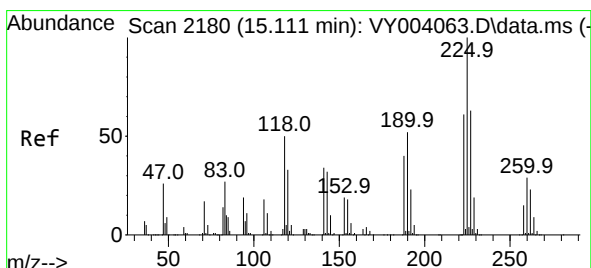
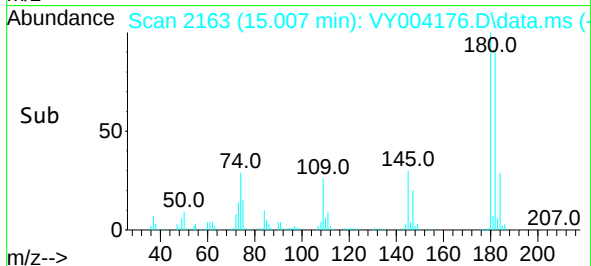
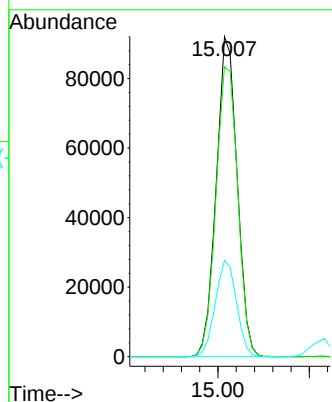
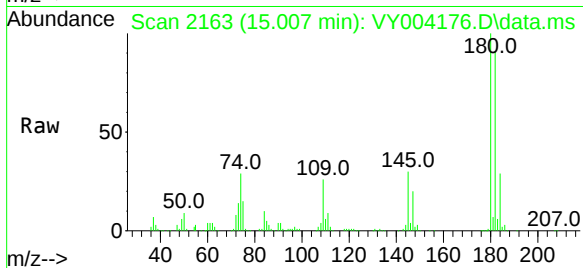




#93  
1,2,4-Trichlorobenzene  
Concen: 54.21 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

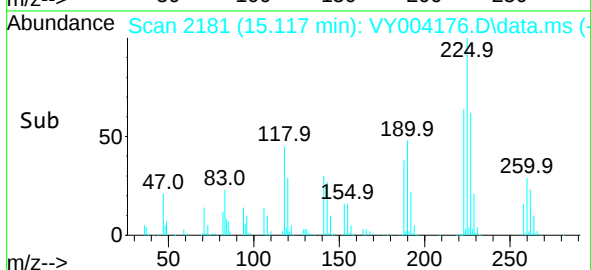
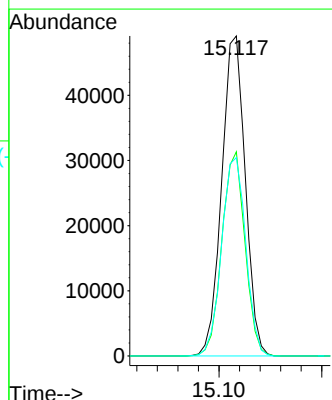
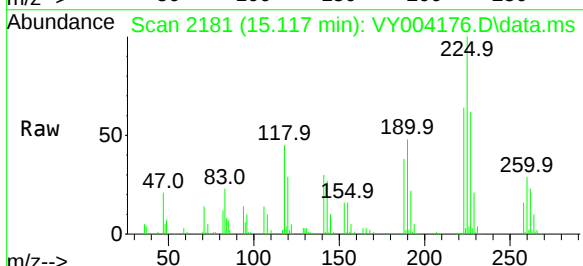
Instrument :  
MSVOA\_Y  
ClientSampleId :

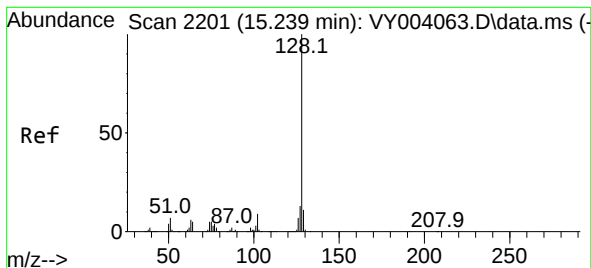
Tgt Ion:180 Resp: 146103  
Ion Ratio Lower Upper  
180 100  
182 94.5 48.0 144.0  
145 30.7 14.1 42.2



#94  
Hexachlorobutadiene  
Concen: 51.72 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:225 Resp: 78146  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.5 94.5  
227 63.7 32.1 96.3

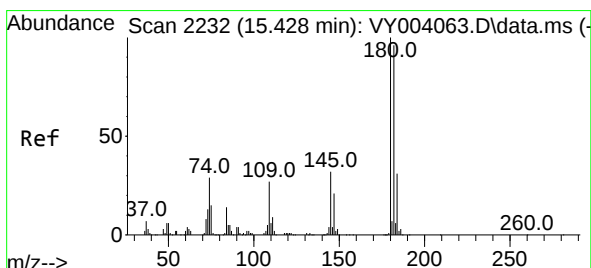
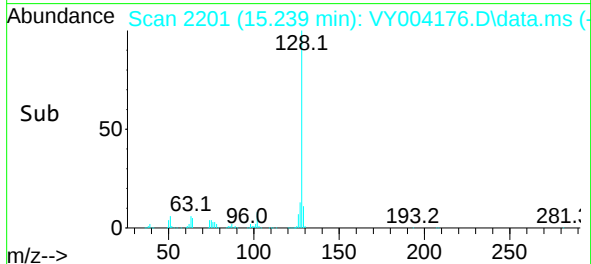
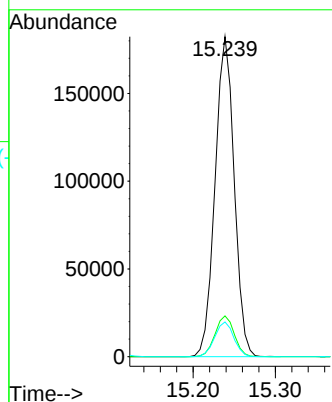
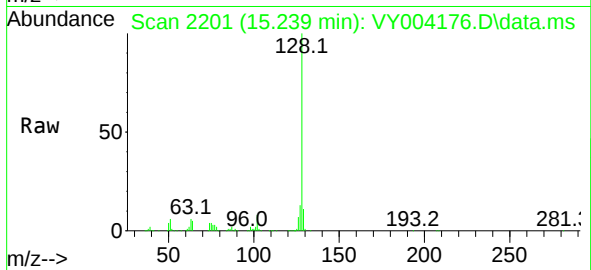




#95  
Naphthalene  
Concen: 55.18 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:128 Resp: 294650  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.6 16.0  
129 10.9 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 54.55 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004176.D  
Acq: 24 Mar 2021 10:01

Tgt Ion:180 Resp: 123622  
Ion Ratio Lower Upper  
180 100  
182 95.2 47.6 142.8  
145 32.4 15.3 45.9

