

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091521\  
 Data File : VY006031.D  
 Acq On : 15 Sep 2021 18:00  
 Operator : SY/MD  
 Sample : M3733-09  
 Misc : 7.25G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 16 01:24:16 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 15 05:01:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 7079     | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 13633    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 14509    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 7797     | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 6668     | 67.811   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 135.620% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 4245     | 50.132   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 100.260% |
| 50) Toluene-d8              | 10.179 | 98    | 17171    | 47.579   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 95.160%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 7512     | 61.307   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 122.620% |

|                               |        |     |        |          |        |        |
|-------------------------------|--------|-----|--------|----------|--------|--------|
| Target Compounds              |        |     |        |          |        | Qvalue |
| 3) Chloromethane              | 2.113  | 50  | 242    | 2.602    | ug/l # | 44     |
| 4) Vinyl Chloride             | 2.260  | 62  | 2186   | 20.820   | ug/l # | 88     |
| 5) Bromomethane               | 2.668  | 94  | 182    | 2.672    | ug/l # | 44     |
| 10) Methyl Iodide             | 4.107  | 142 | 552    | 7.630    | ug/l # | 79     |
| 16) Acetone                   | 3.948  | 43  | 2683   | 99.480   | ug/l # | 83     |
| 17) Carbon Disulfide          | 4.204  | 76  | 264    | 1.118    | ug/l # | 75     |
| 20) Methylene Chloride        | 4.722  | 84  | 659    | 3.509    | ug/l # | 62     |
| 21) trans-1,2-Dichloroethene  | 5.228  | 96  | 296    | 3.735    | ug/l # | 76     |
| 25) 2-Butanone                | 6.984  | 43  | 283    | 7.613    | ug/l # | 1      |
| 27) cis-1,2-Dichloroethene    | 6.990  | 96  | 77699  | 878.710  | ug/l   | 88     |
| 31) Cyclohexane               | 7.801  | 56  | 241    | 1.530    | ug/l # | 46     |
| 36) 1,1-Dichloropropene       | 7.795  | 75  | 590    | 4.010    | ug/l # | 42     |
| 37) Ethyl Acetate             | 6.984  | 43  | 283    | 2.784    | ug/l # | 1      |
| 38) Carbon Tetrachloride      | 7.795  | 117 | 802    | 5.007    | ug/l # | 11     |
| 39) Methylcyclohexane         | 9.179  | 83  | 559    | 3.065    | ug/l # | 80     |
| 44) Trichloroethene           | 8.941  | 130 | 37324  | 354.952  | ug/l   | 97     |
| 48) Methyl methacrylate       | 9.185  | 41  | 210    | 2.400    | ug/l # | 38     |
| 51) 4-Methyl-2-Pentanone      | 9.972  | 43  | 162    | 1.605    | ug/l # | 40     |
| 55) 1,1,2-Trichloroethane     | 10.624 | 97  | 285    | 3.671    | ug/l # | 15     |
| 60) Dibromochloromethane      | 10.721 | 129 | 124811 | 1303.889 | ug/l # | 11     |
| 64) Tetrachloroethene         | 10.721 | 164 | 138811 | 1169.722 | ug/l   | 98     |
| 73) Isopropylbenzene          | 12.331 | 105 | 6634   | 10.865   | ug/l   | 97     |
| 74) N-amyl acetate            | 12.124 | 43  | 2870   | 13.612   | ug/l # | 57     |
| 75) 1,1,2,2-Tetrachloroethane | 12.642 | 83  | 2221   | 19.551   | ug/l # | 87     |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75  | 4069   | 48.947   | ug/l # | 100    |
| 78) n-propylbenzene           | 12.672 | 91  | 4075   | 5.394    | ug/l   | 99     |
| 79) 2-Chlorotoluene           | 12.812 | 91  | 533    | 1.298    | ug/l   | 75     |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105 | 1274   | 2.516    | ug/l   | 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75  | 4069   | 89.990   | ug/l # | 15     |
| 82) 4-Chlorotoluene           | 12.812 | 91  | 511    | 1.204    | ug/l   | 72     |
| 83) tert-Butylbenzene         | 13.075 | 119 | 7129   | 16.461   | ug/l   | 94     |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105 | 4818   | 9.590    | ug/l   | 98     |
| 85) sec-Butylbenzene          | 13.251 | 105 | 21193  | 32.689   | ug/l # | 70     |
| 86) p-Isopropyltoluene        | 13.312 | 119 | 4127   | 7.456    | ug/l   | 87     |
| 89) n-Butylbenzene            | 13.696 | 91  | 9912   | 19.150   | ug/l # | 75     |
| 90) Hexachloroethane          | 13.971 | 117 | 1518   | 15.240   | ug/l # | 6      |

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Sample : M3733-09  
Misc : 7.25G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Sep 16 01:24:16 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 15 05:01:47 2021  
Response via : Initial Calibration

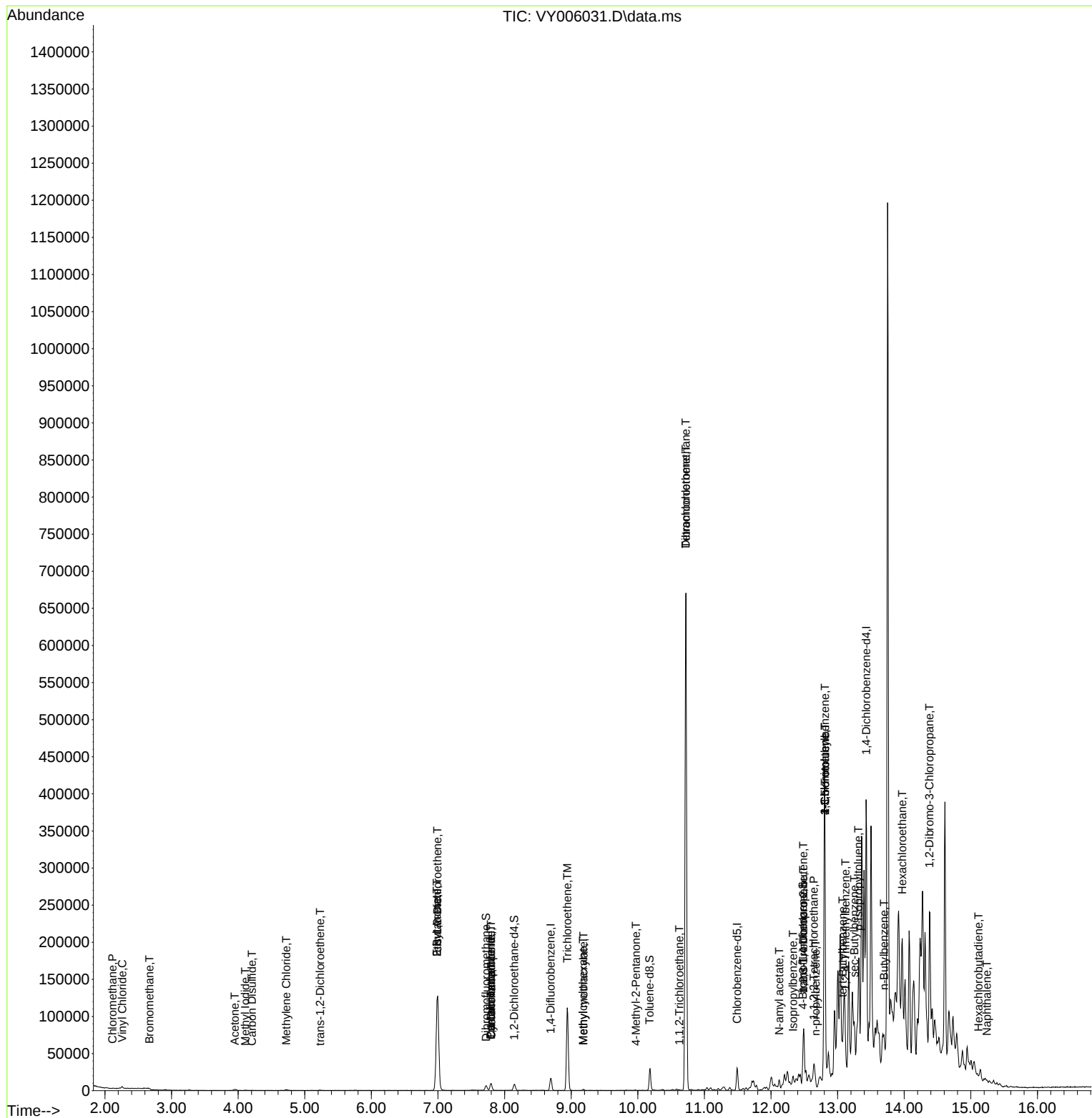
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 92) 1,2-Dibromo-3-Chloropr... | 14.379 | 75   | 395      | 17.527 | ug/l # | 39       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 191      | 1.885  | ug/l   | 74       |
| 95) Naphthalene               | 15.239 | 128  | 422      | 1.355  | ug/l # | 77       |

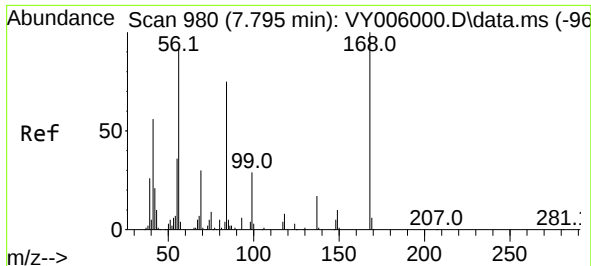
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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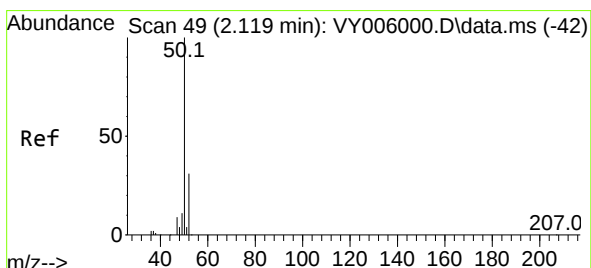
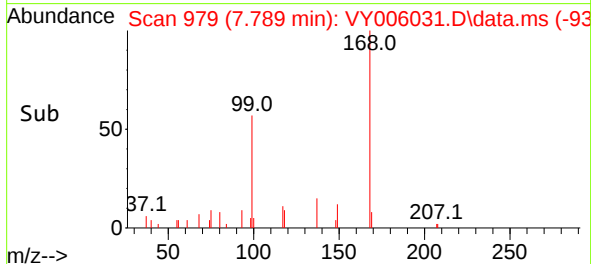
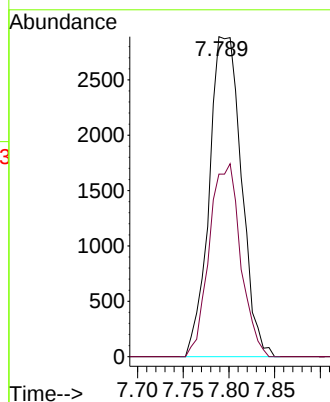
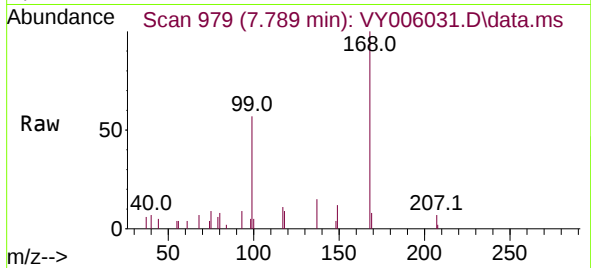




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

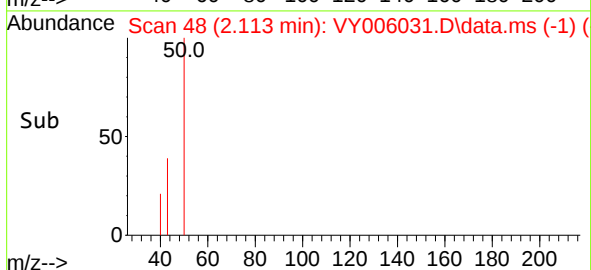
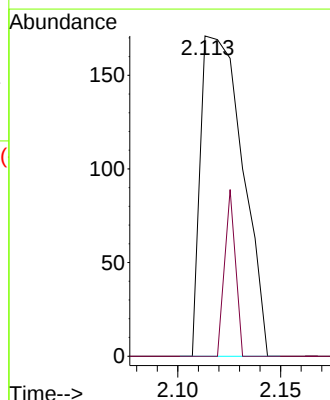
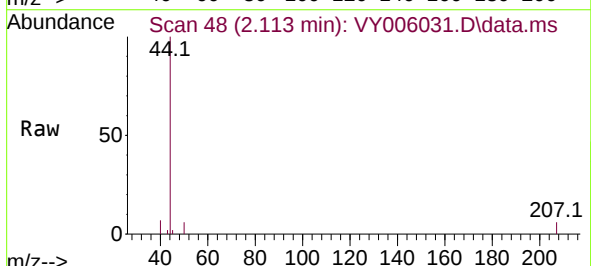
Instrument :  
MSVOA\_Y  
ClientSampleId :

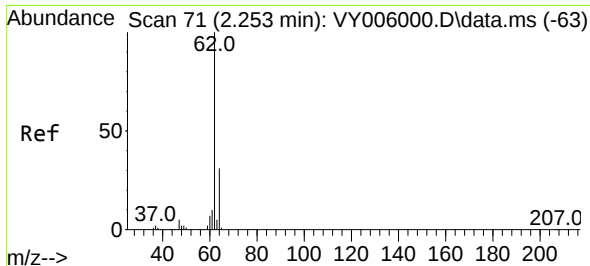
Tgt Ion:168 Resp: 7079  
Ion Ratio Lower Upper  
168 100  
99 57.1 46.9 70.3



#3  
Chloromethane  
Concen: 2.602 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 50 Resp: 242  
Ion Ratio Lower Upper  
50 100  
52 0.0 24.6 37.0#

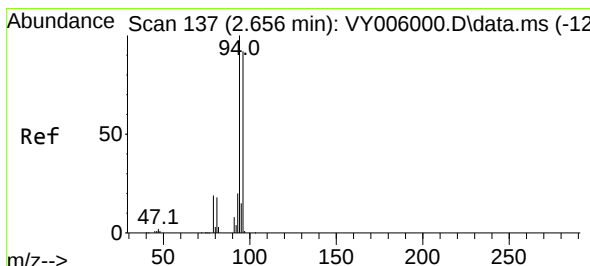
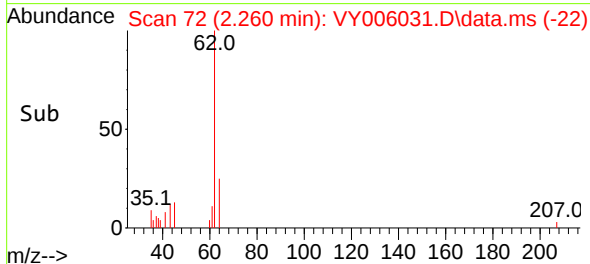
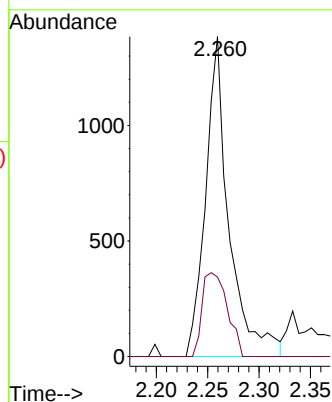
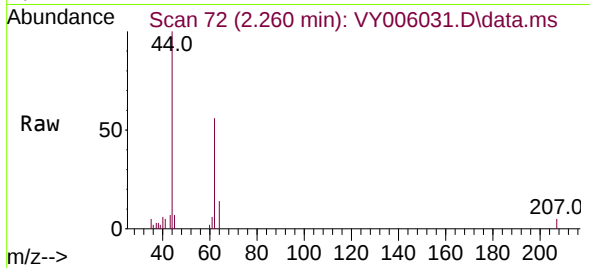




#4  
 Vinyl Chloride  
 Concen: 20.820 ug/l  
 RT: 2.260 min Scan# 72  
 Delta R.T. 0.006 min  
 Lab File: VY006031.D  
 Acq: 15 Sep 2021 18:00

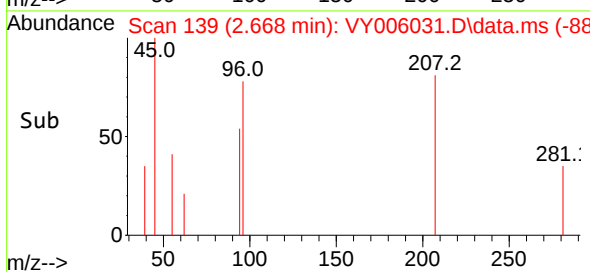
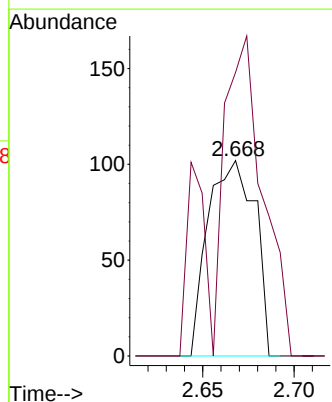
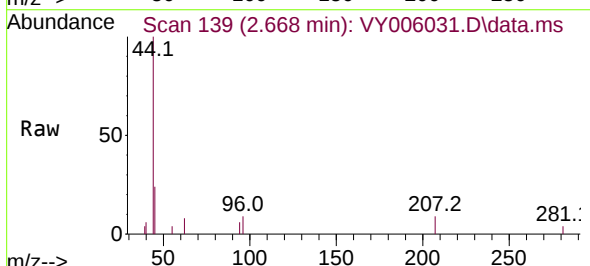
Instrument :  
 MSVOA\_Y  
 ClientSampled :

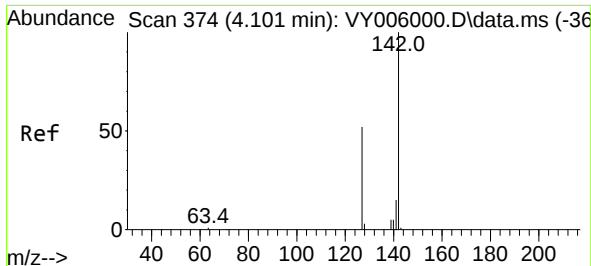
Tgt Ion: 62 Resp: 2186  
 Ion Ratio Lower Upper  
 62 100  
 64 24.9 25.0 37.6#



#5  
 Bromomethane  
 Concen: 2.672 ug/l  
 RT: 2.668 min Scan# 139  
 Delta R.T. 0.012 min  
 Lab File: VY006031.D  
 Acq: 15 Sep 2021 18:00

Tgt Ion: 94 Resp: 182  
 Ion Ratio Lower Upper  
 94 100  
 96 145.1 73.5 110.3#

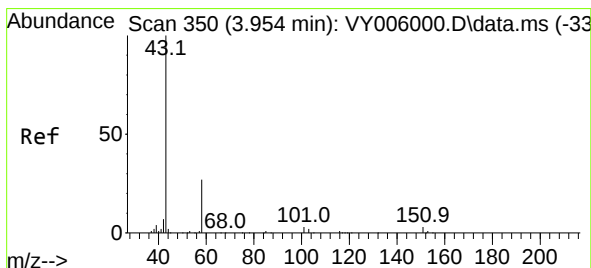
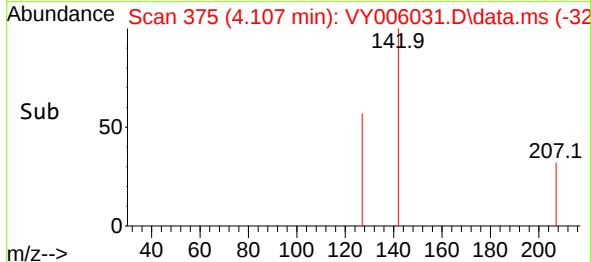
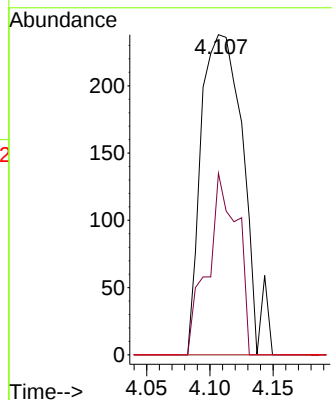
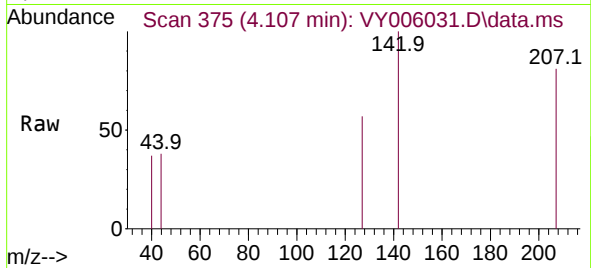




#10  
Methyl Iodide  
Concen: 7.630 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

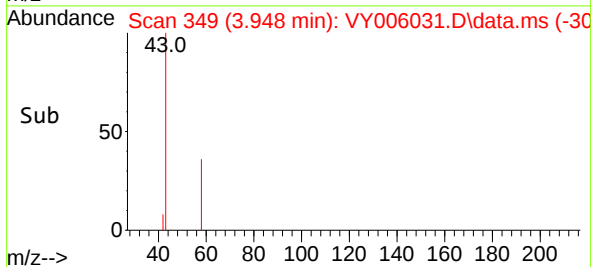
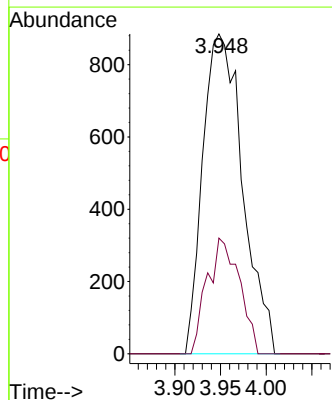
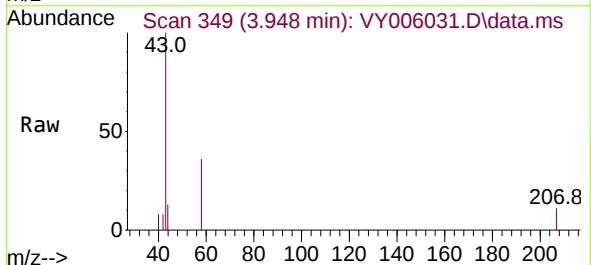
Instrument :  
MSVOA\_Y  
ClientSampleId :

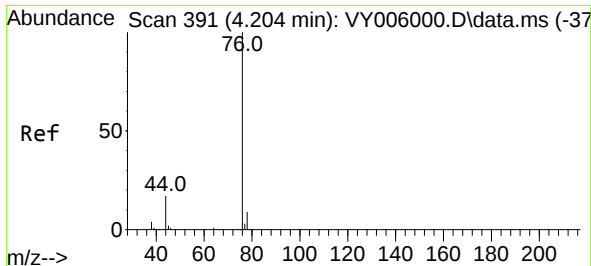
Tgt Ion:142 Resp: 552  
Ion Ratio Lower Upper  
142 100  
127 40.4 41.5 62.3#  
141 0.0 11.9 17.9#



#16  
Acetone  
Concen: 99.480 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 43 Resp: 2683  
Ion Ratio Lower Upper  
43 100  
58 36.2 22.0 33.0#

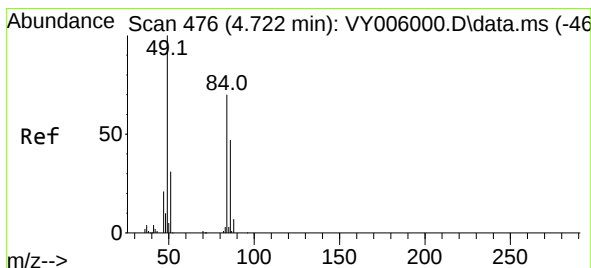
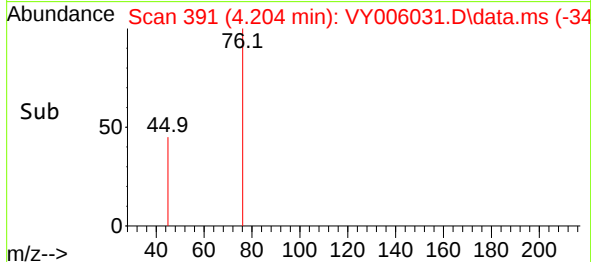
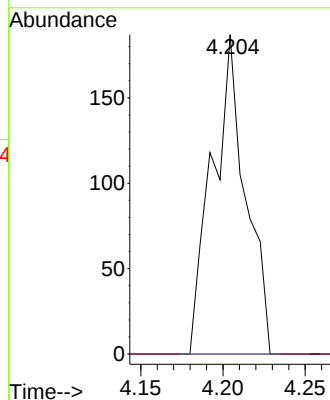
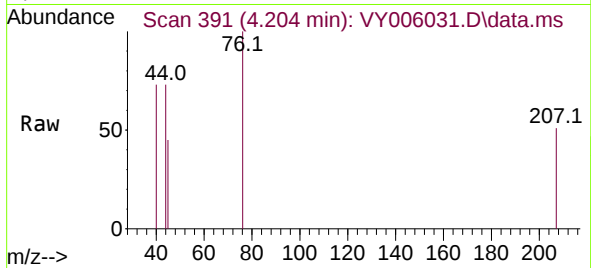




#17  
Carbon Disulfide  
Concen: 1.118 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

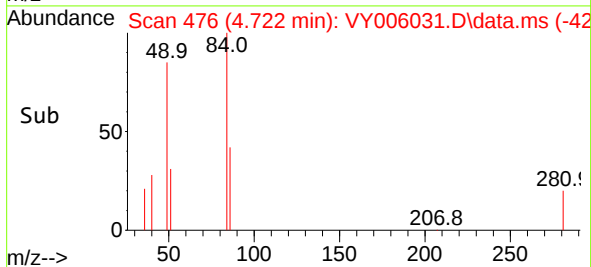
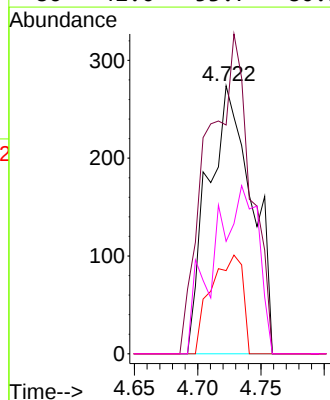
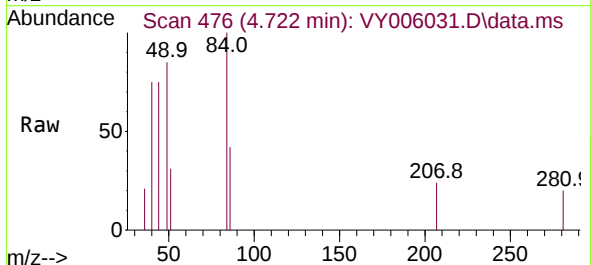
Instrument :  
MSVOA\_Y  
ClientSampled :

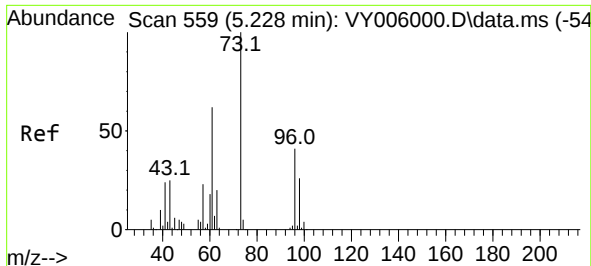
Tgt Ion: 76 Resp: 264  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.4 11.0#



#20  
Methylene Chloride  
Concen: 3.509 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

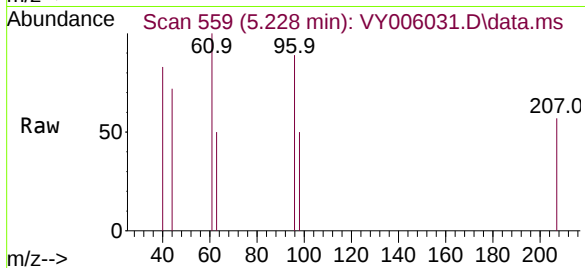
Tgt Ion: 84 Resp: 659  
Ion Ratio Lower Upper  
84 100  
49 85.4 114.4 171.6#  
51 31.0 35.3 52.9#  
86 42.0 53.7 80.5#



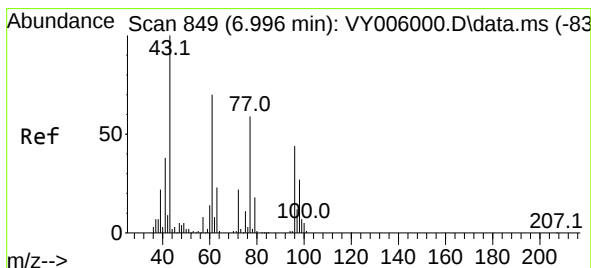
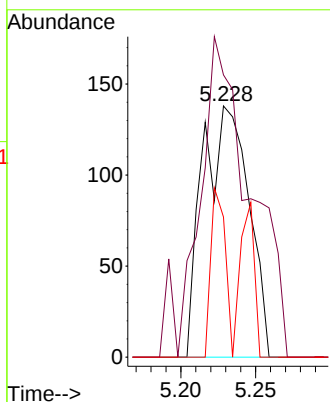
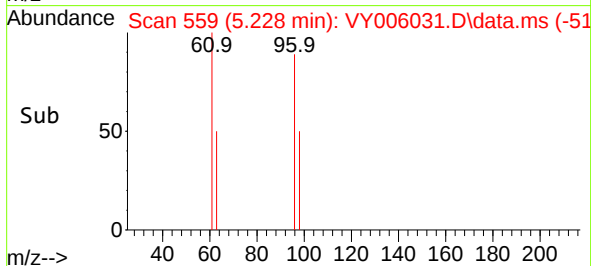


#21  
trans-1,2-Dichloroethene  
Concen: 3.735 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

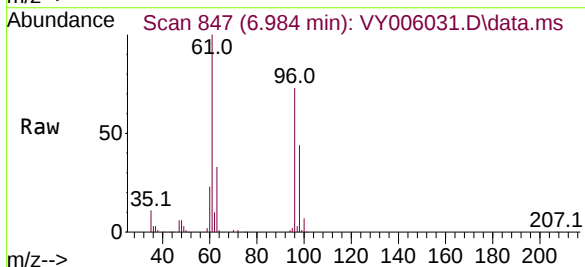
Instrument :  
MSVOA\_Y  
ClientSampleId :



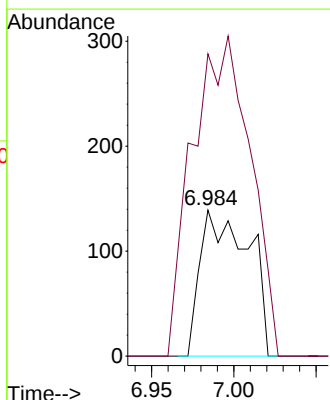
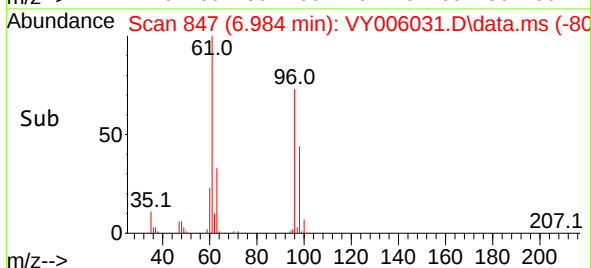
Tgt Ion: 96 Resp: 296  
Ion Ratio Lower Upper  
96 100  
61 112.3 120.5 180.7#  
98 55.8 49.8 74.8

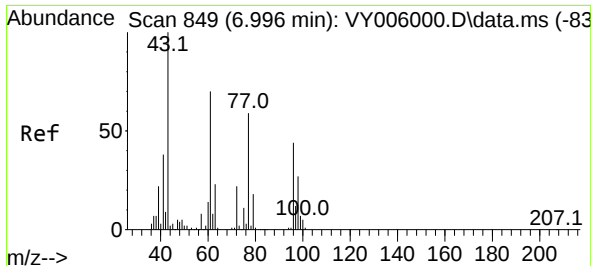


#25  
2-Butanone  
Concen: 7.613 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.012 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00



Tgt Ion: 43 Resp: 283  
Ion Ratio Lower Upper  
43 100  
72 207.2 17.7 26.5#





#27

cis-1,2-Dichloroethene

Concen: 878.710 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

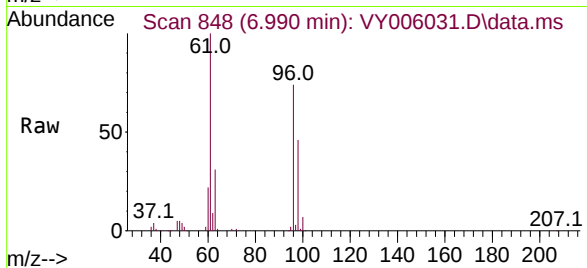
Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

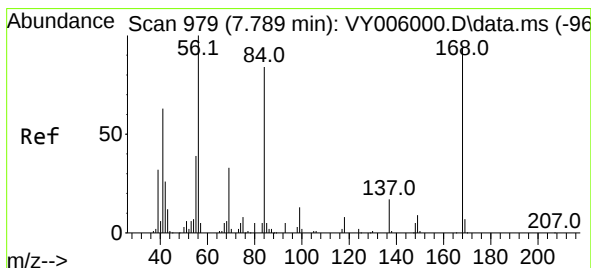
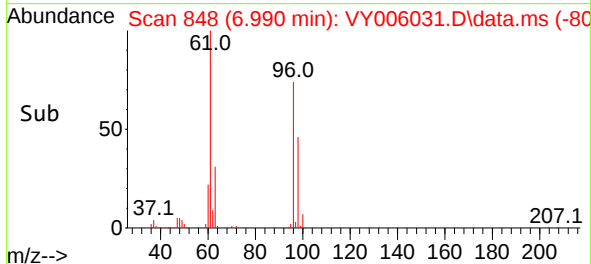
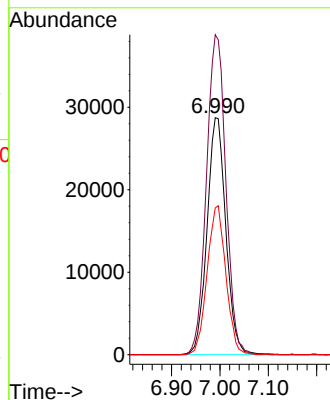
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 77699 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 138.9 | 0.0   | 319.8 |
| 98       | 62.4  | 0.0   | 127.0 |



#31

Cyclohexane

Concen: 1.530 ug/l

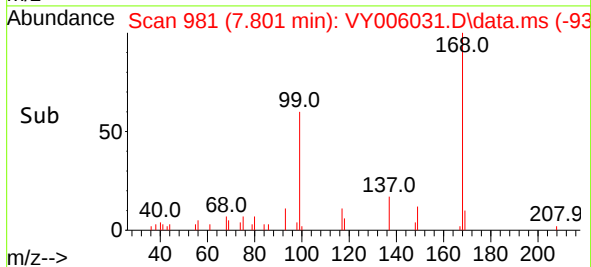
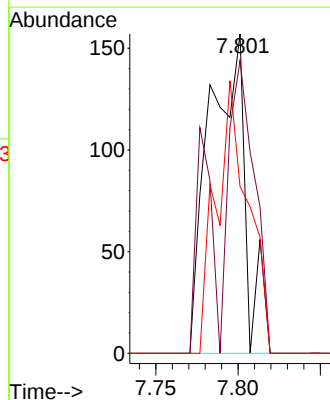
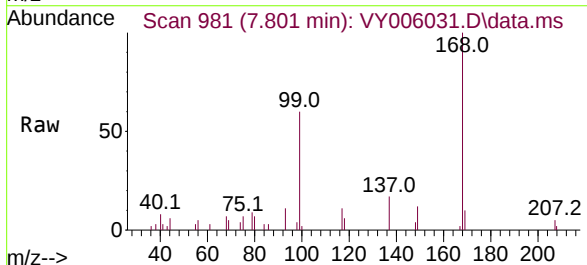
RT: 7.801 min Scan# 981

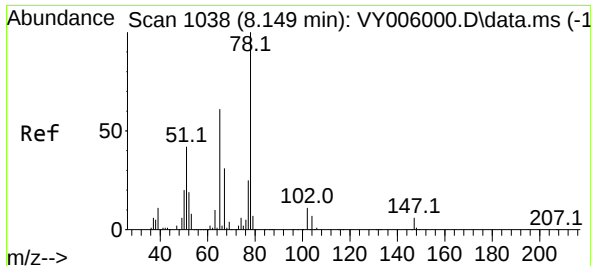
Delta R.T. 0.012 min

Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 56    | Resp: | 241    |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 91.7  | 26.7  | 40.1#  |
| 84       | 52.2  | 67.2  | 100.8# |

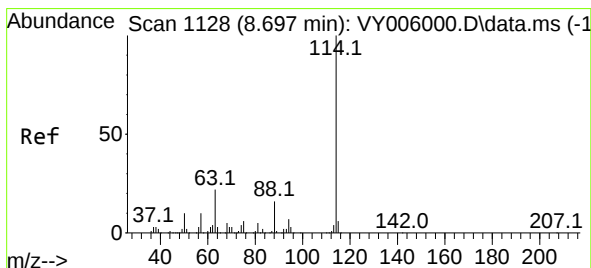
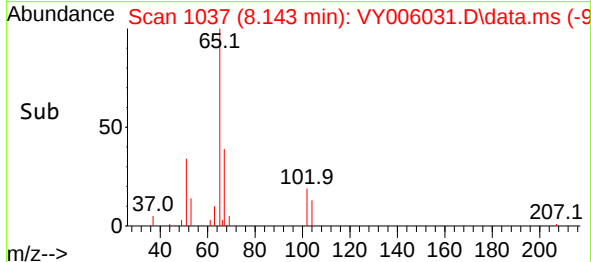
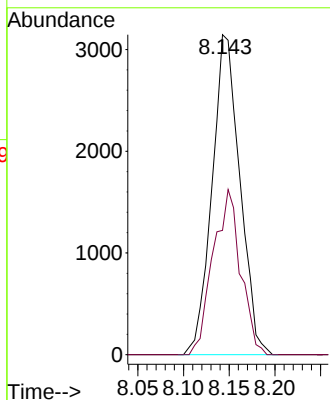
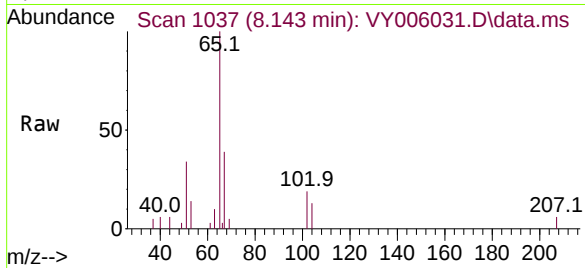




#33  
 1,2-Dichloroethane-d4  
 Concen: 67.811 ug/l  
 RT: 8.143 min Scan# 1037  
 Delta R.T. -0.006 min  
 Lab File: VY006031.D  
 Acq: 15 Sep 2021 18:00

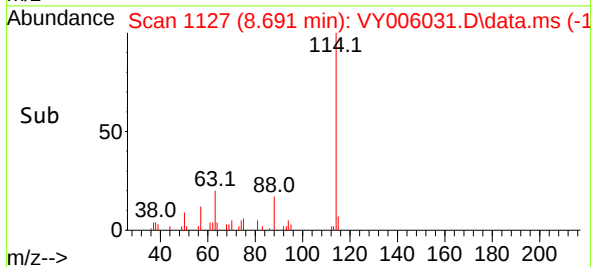
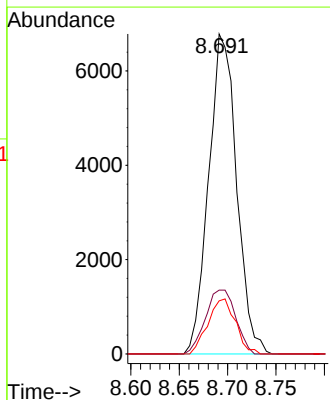
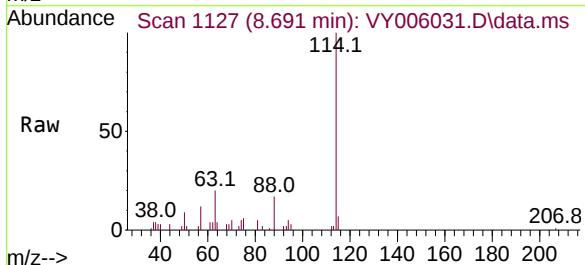
Instrument :  
 MSVOA\_Y  
 ClientSampled :

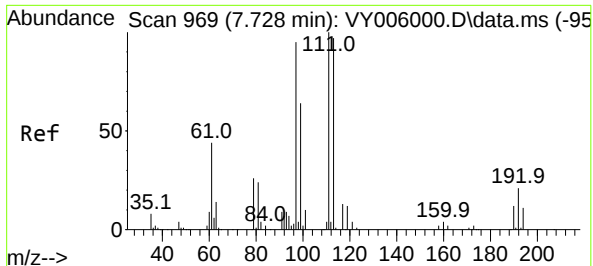
Tgt Ion: 65 Resp: 6668  
 Ion Ratio Lower Upper  
 65 100  
 67 51.0 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. -0.006 min  
 Lab File: VY006031.D  
 Acq: 15 Sep 2021 18:00

Tgt Ion: 114 Resp: 13633  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 43.2  
 88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 7.722 min Scan# 968

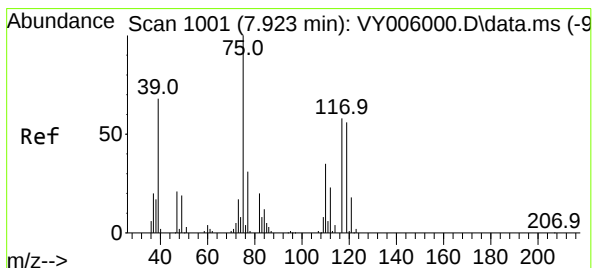
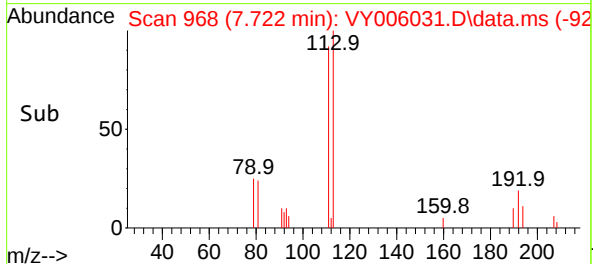
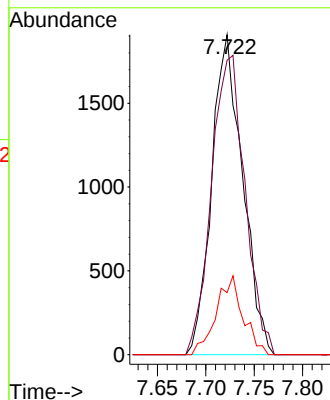
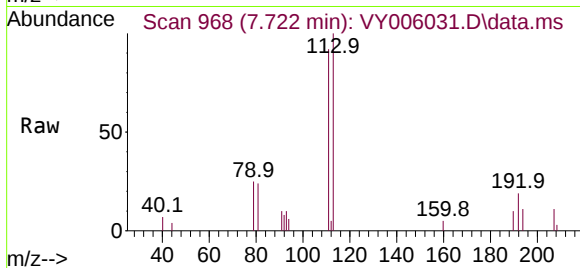
Delta R.T. -0.006 min

Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 4245  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.4 | 82.6  | 124.0 |
| 192      | 21.4  | 17.6  | 26.4  |



#36

1,1-Dichloropropene

Concen: 4.010 ug/l

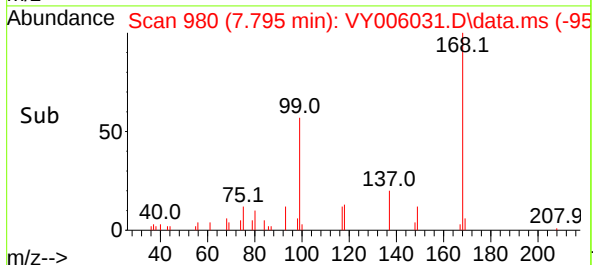
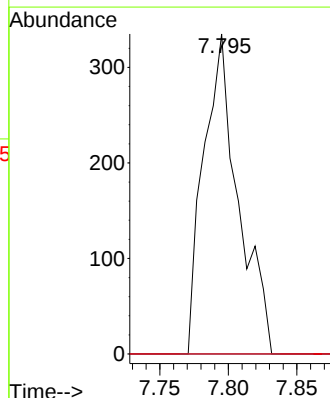
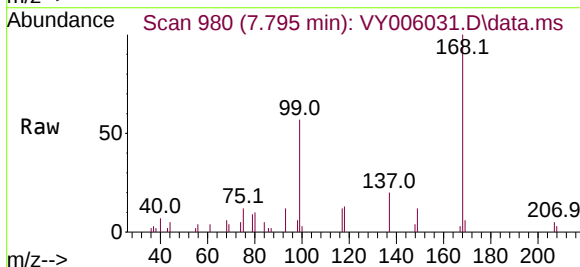
RT: 7.795 min Scan# 980

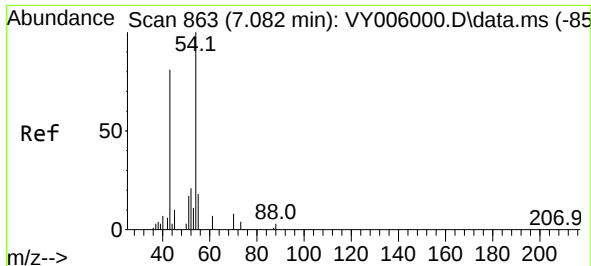
Delta R.T. -0.128 min

Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 590   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.0   | 17.1  | 51.2# |
| 77       | 0.0   | 24.4  | 36.6# |





#37

Ethyl Acetate

Concen: 2.784 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.097 min

Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

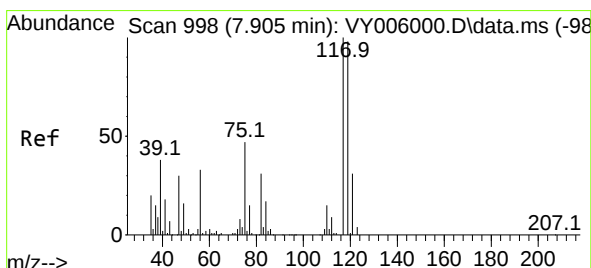
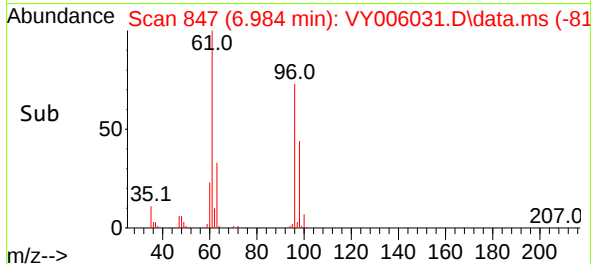
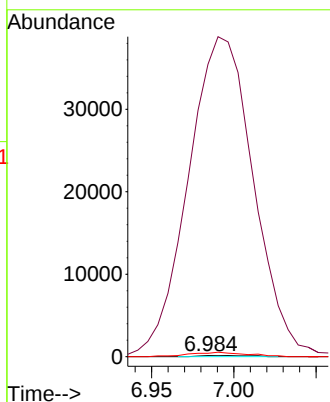
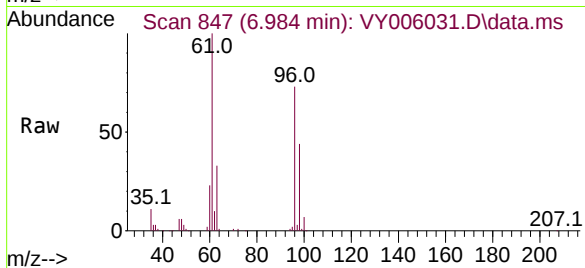
Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 43 Resp: 283

| Ion | Ratio   | Lower | Upper |
|-----|---------|-------|-------|
| 43  | 100     |       |       |
| 61  | 38143.1 | 9.7   | 14.5# |
| 70  | 466.4   | 7.1   | 10.7# |



#38

Carbon Tetrachloride

Concen: 5.007 ug/l

RT: 7.795 min Scan# 980

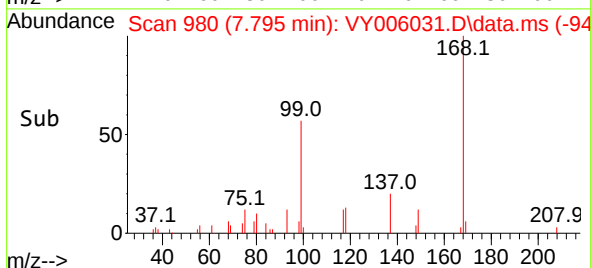
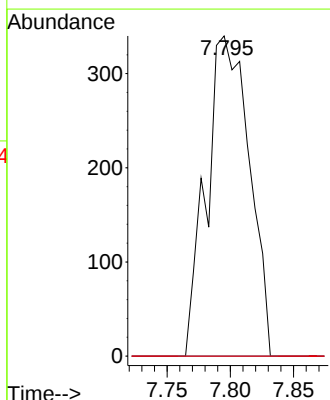
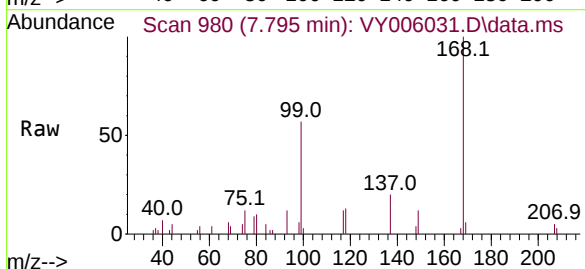
Delta R.T. -0.110 min

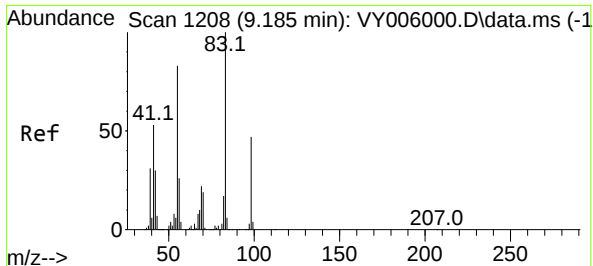
Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

Tgt Ion: 117 Resp: 802

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 117 | 100   |       |        |
| 119 | 0.0   | 77.9  | 116.9# |
| 121 | 0.0   | 24.8  | 37.2#  |





#39

Methylcyclohexane

Concen: 3.065 ug/l

RT: 9.179 min Scan# 1207

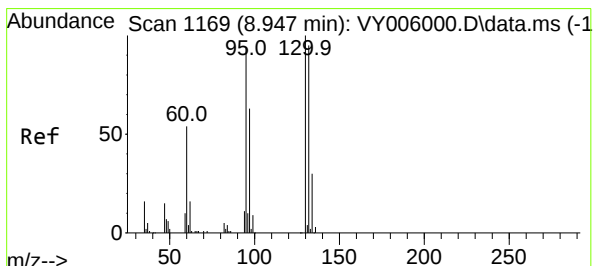
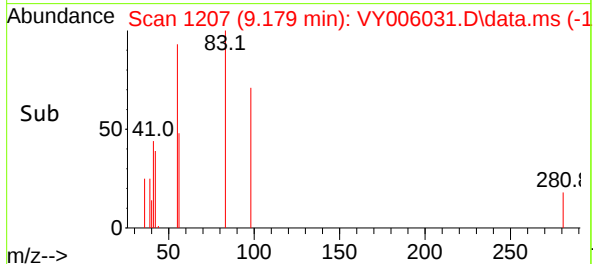
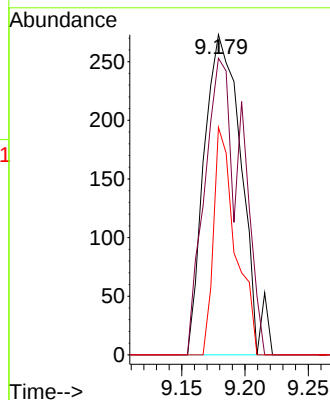
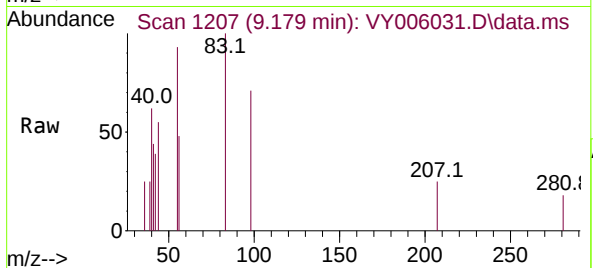
Delta R.T. -0.006 min

Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 559   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 92.7  | 66.5  | 99.7  |
| 98       | 71.1  | 37.9  | 56.9# |

Instrument :  
MSVOA\_Y  
ClientSampleId :



#44

Trichloroethene

Concen: 354.952 ug/l

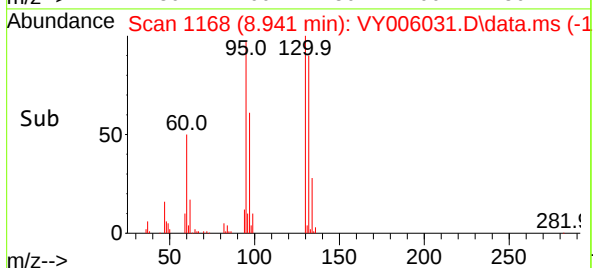
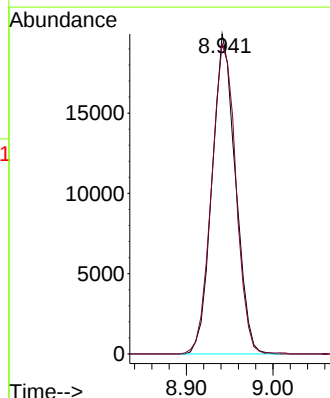
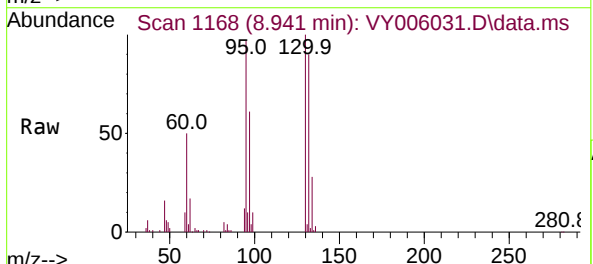
RT: 8.941 min Scan# 1168

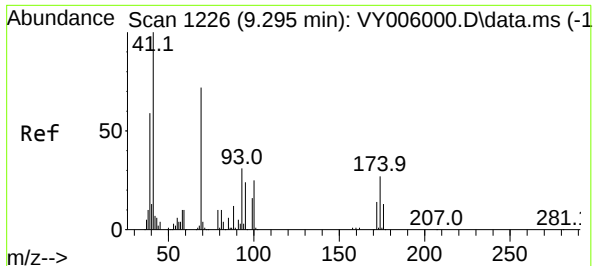
Delta R.T. -0.006 min

Lab File: VY006031.D

Acq: 15 Sep 2021 18:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 37324 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 96.9  | 0.0   | 188.2 |

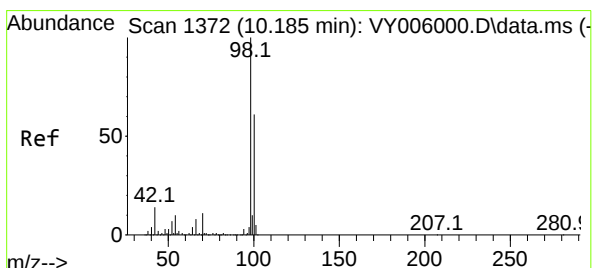
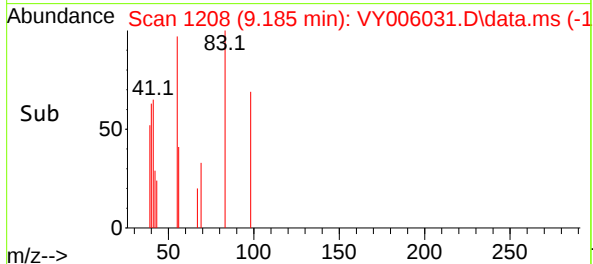
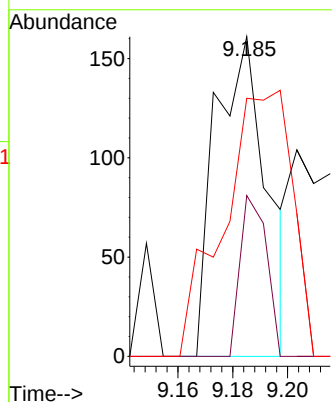
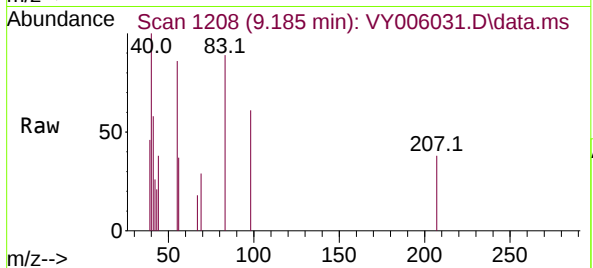




#48  
Methyl methacrylate  
Concen: 2.400 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.110 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

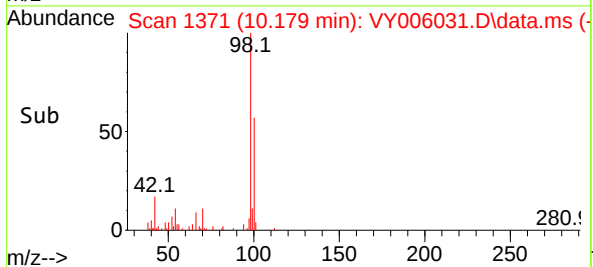
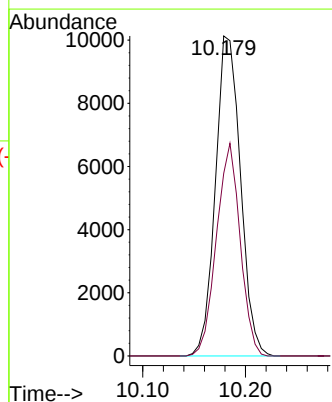
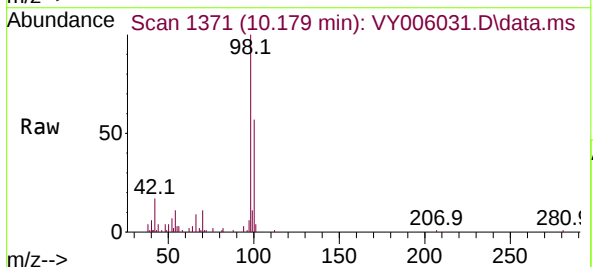
Instrument :  
MSVOA\_Y  
ClientSampled :

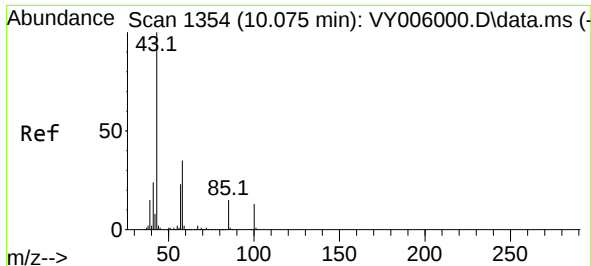
Tgt Ion: 41 Resp: 210  
Ion Ratio Lower Upper  
41 100  
69 25.7 58.2 87.2#  
39 111.0 47.4 71.0#



#50  
Toluene-d8  
Concen: 47.579 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 98 Resp: 17171  
Ion Ratio Lower Upper  
98 100  
100 62.7 50.2 75.2

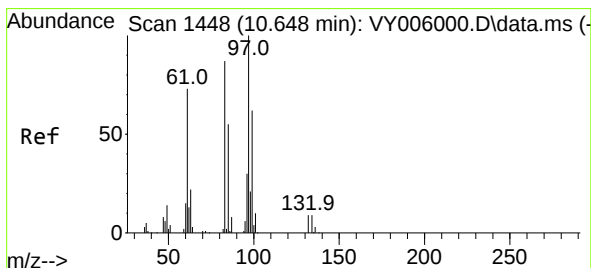
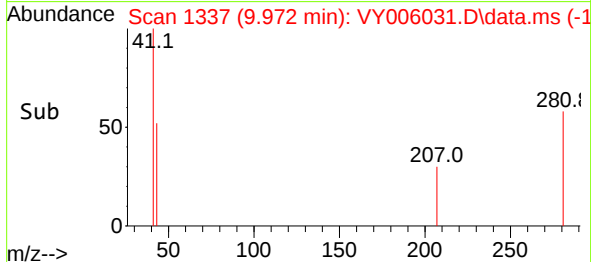
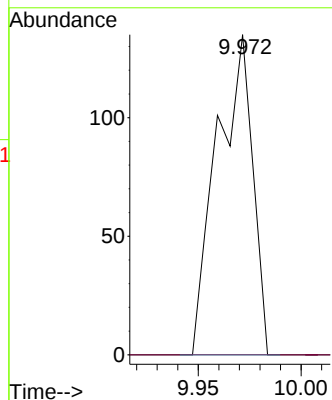
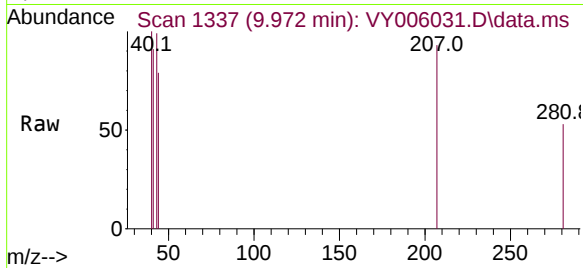




#51  
4-Methyl-2-Pentanone  
Concen: 1.605 ug/l  
RT: 9.972 min Scan# 1337  
Delta R.T. -0.104 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

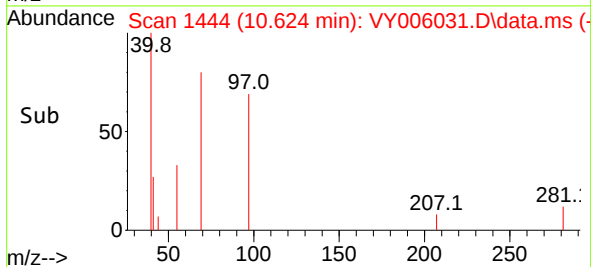
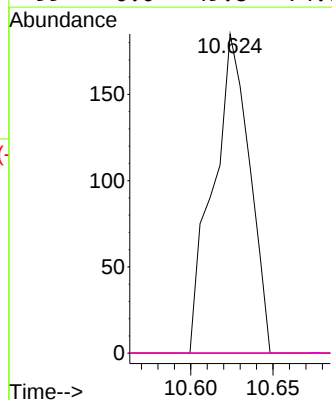
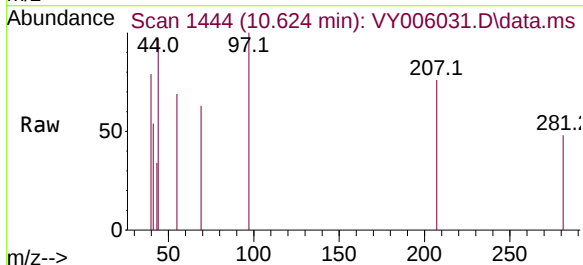
Instrument :  
MSVOA\_Y  
ClientSampled :

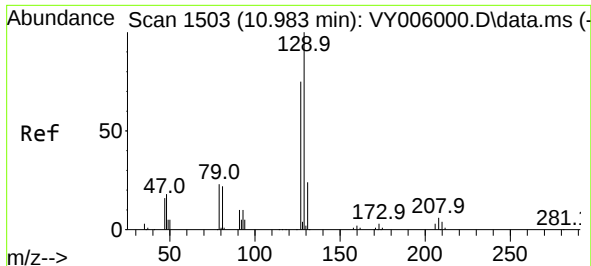
Tgt Ion: 43 Resp: 162  
Ion Ratio Lower Upper  
43 100  
58 0.0 28.1 42.1#



#55  
1,1,2-Trichloroethane  
Concen: 3.671 ug/l  
RT: 10.624 min Scan# 1444  
Delta R.T. -0.024 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 97 Resp: 285  
Ion Ratio Lower Upper  
97 100  
83 0.0 69.8 104.8#  
85 0.0 44.3 66.5#  
99 0.0 49.8 74.6#

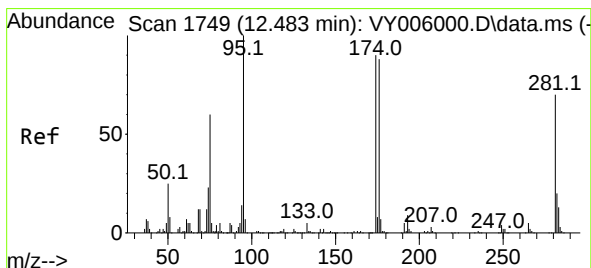
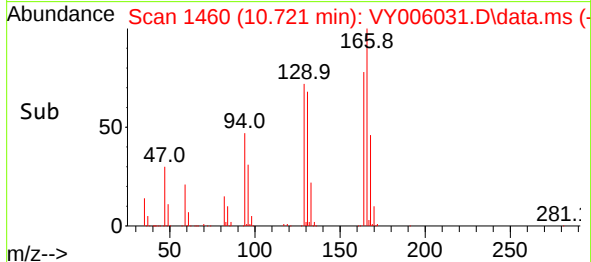
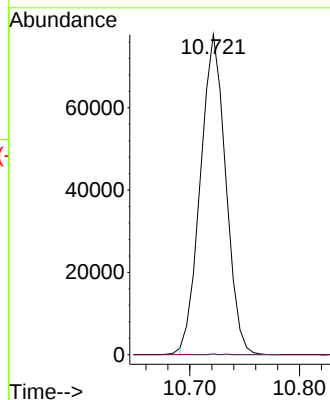
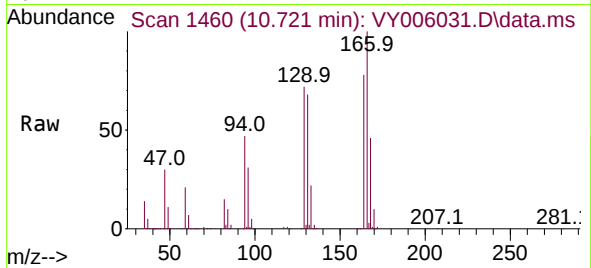




#60  
Dibromochloromethane  
Concen: 1303.889 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.262 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

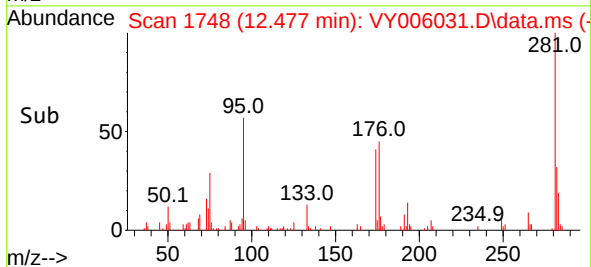
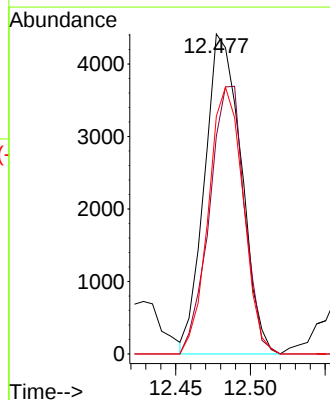
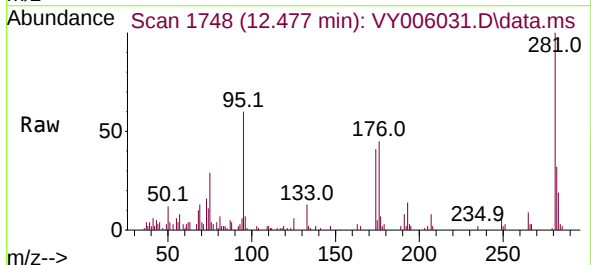
Instrument :  
MSVOA\_Y  
ClientSampleId :

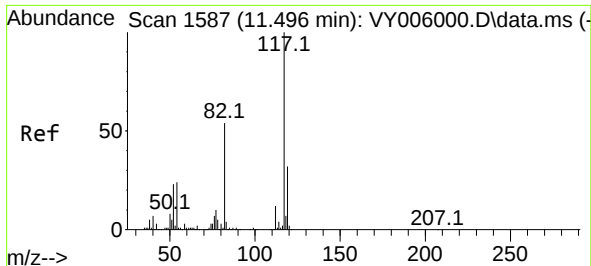
Tgt Ion:129 Resp: 124811  
Ion Ratio Lower Upper  
129 100  
127 0.1 38.7 116.1#



#62  
4-Bromofluorobenzene  
Concen: 61.307 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 95 Resp: 7512  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 177.0  
176 78.8 0.0 175.8

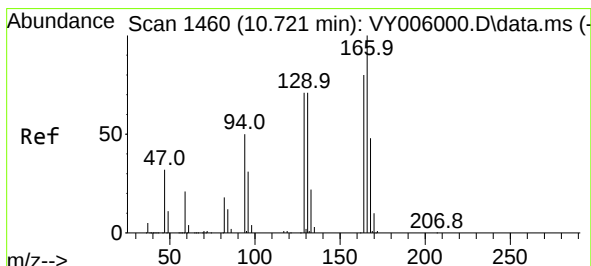
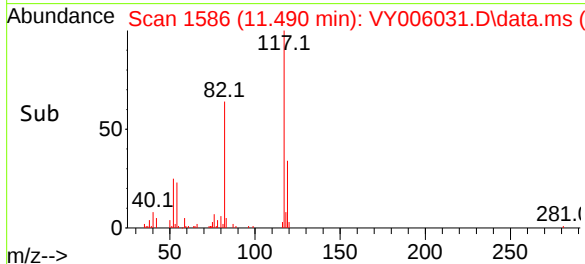
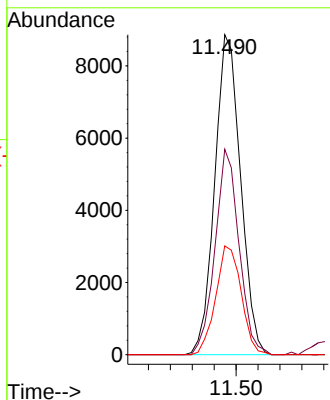
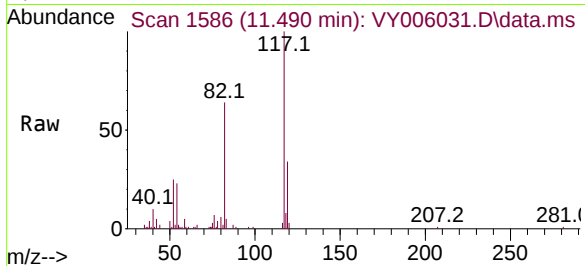




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

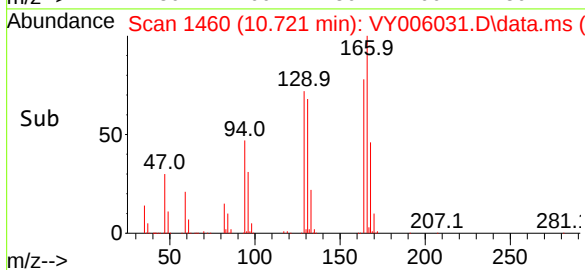
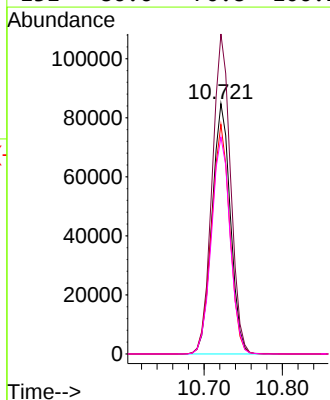
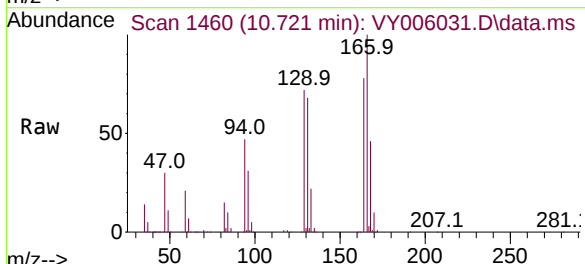
Instrument :  
MSVOA\_Y  
ClientSampleId :

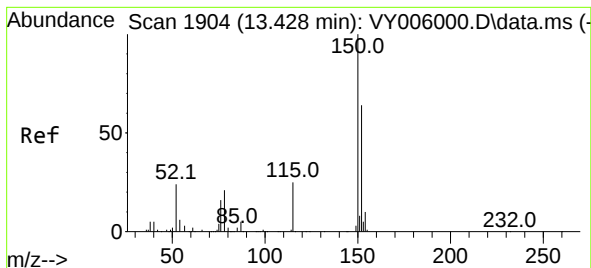
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:117 | Resp: | 14509     |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 64.2  | 43.0 64.4 |
| 119         | 34.0  | 25.4 38.0 |



#64  
Tetrachloroethene  
Concen: 1169.722 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 138811      |
| Ion Ratio   | Lower | Upper       |
| 164         | 100   |             |
| 166         | 127.8 | 100.4 150.6 |
| 129         | 91.7  | 71.4 107.0  |
| 131         | 86.6  | 70.8 106.2  |

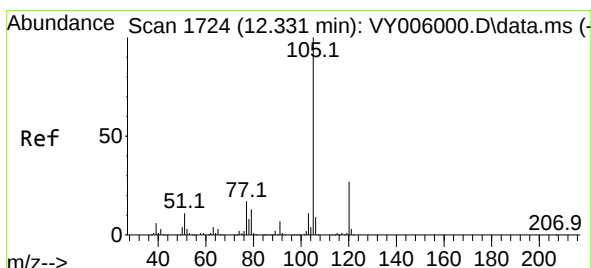
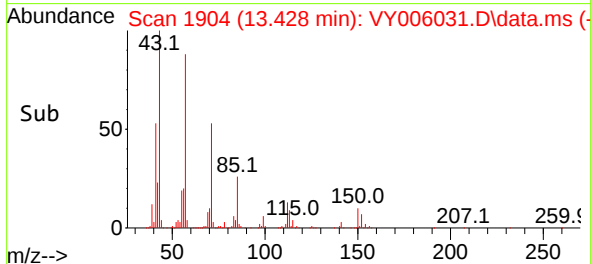
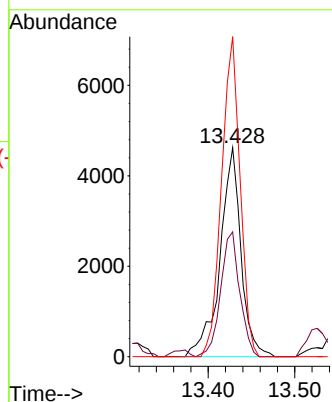
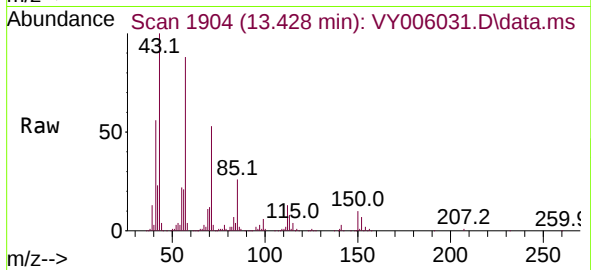




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

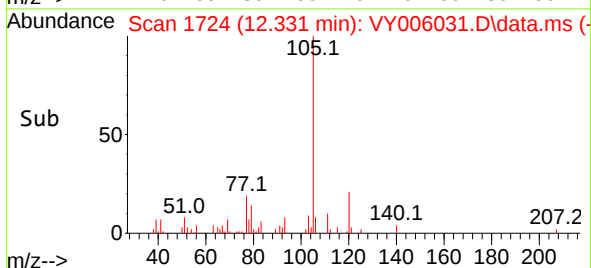
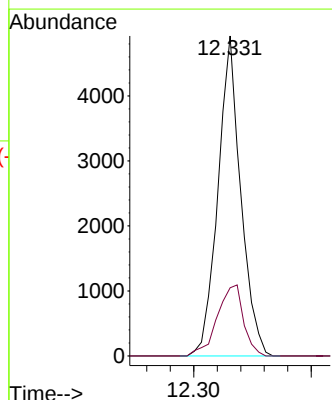
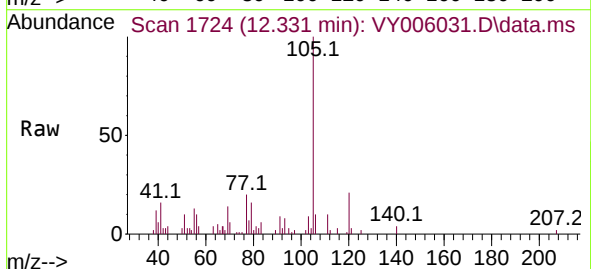
Instrument :  
MSVOA\_Y  
ClientSampleId :

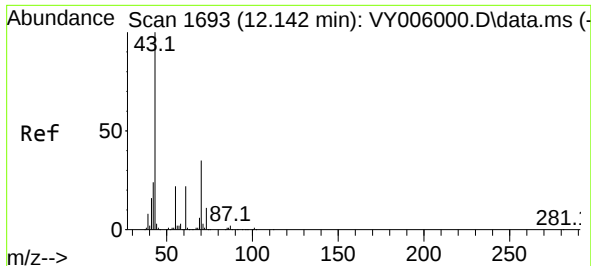
Tgt Ion:152 Resp: 7797  
Ion Ratio Lower Upper  
152 100  
115 54.3 28.2 84.7  
150 135.0 0.0 347.6



#73  
Isopropylbenzene  
Concen: 10.865 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion:105 Resp: 6634  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.4 40.2

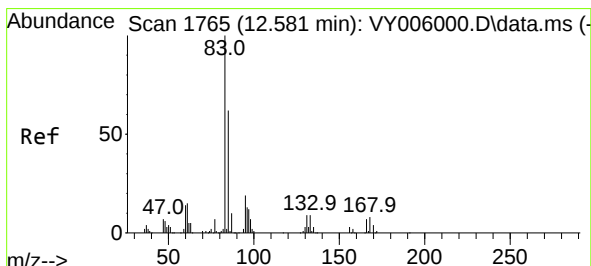
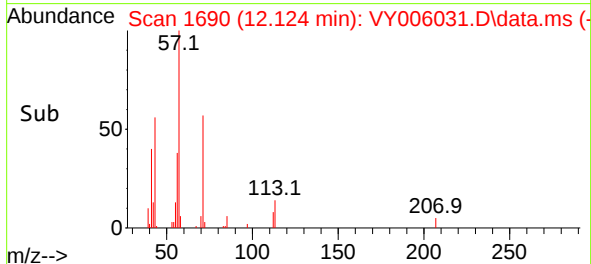
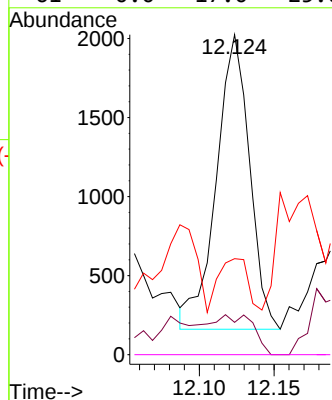
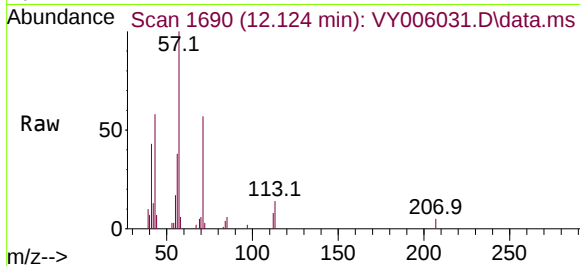




#74  
N-amy1 acetate  
Concen: 13.612 ug/l  
RT: 12.124 min Scan# 1690  
Delta R.T. -0.018 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

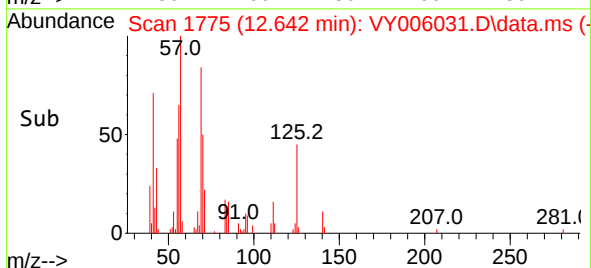
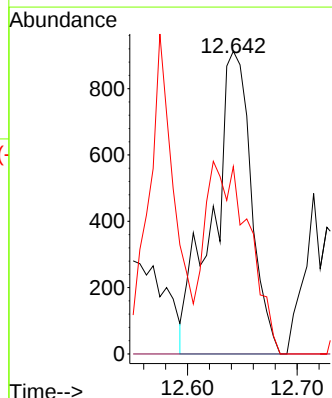
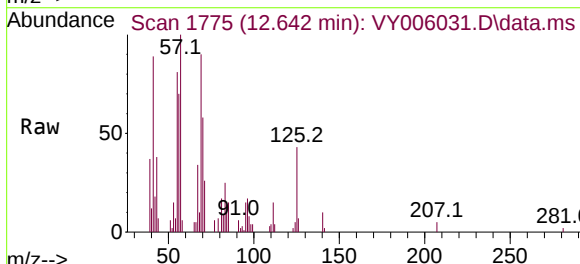
Instrument :  
MSVOA\_Y  
ClientSampleId :

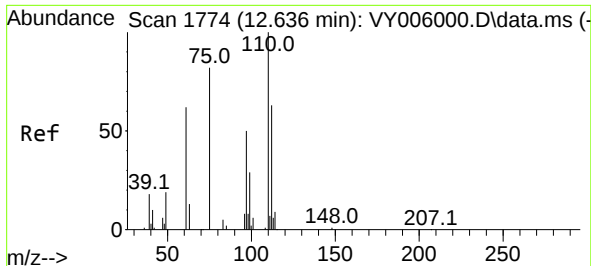
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 2870  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 0.0      | 28.7 43.1#  |
| 55 16.2     | 17.3 25.9#  |
| 61 0.0      | 17.0 25.6#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.551 ug/l  
RT: 12.642 min Scan# 1775  
Delta R.T. 0.061 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 2221  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 0.0     | 5.6 16.8#   |
| 85 72.8     | 32.3 96.8   |

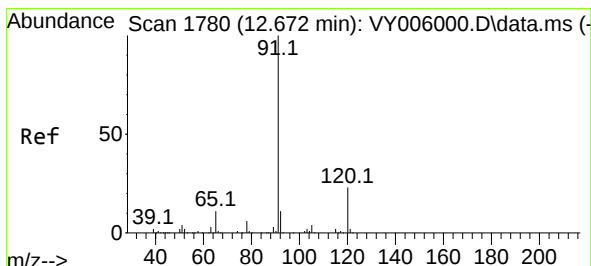
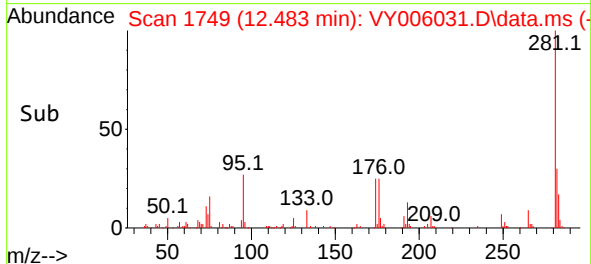
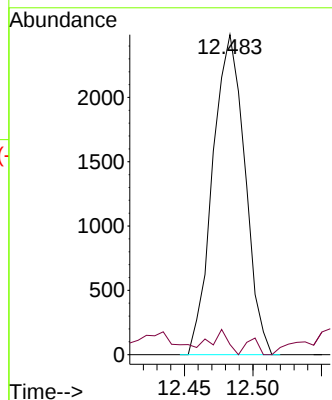
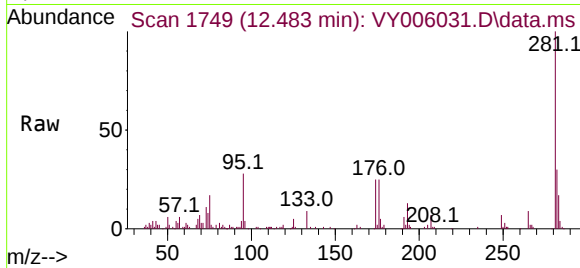




#76  
1,2,3-Trichloropropane  
Concen: 48.947 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

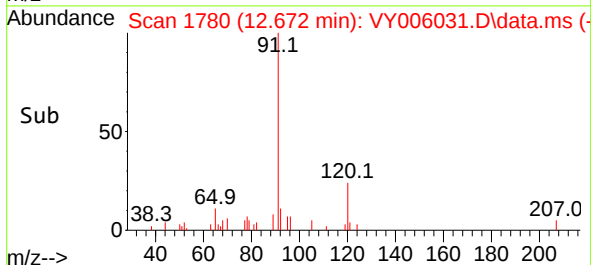
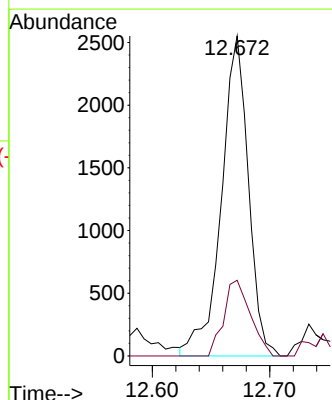
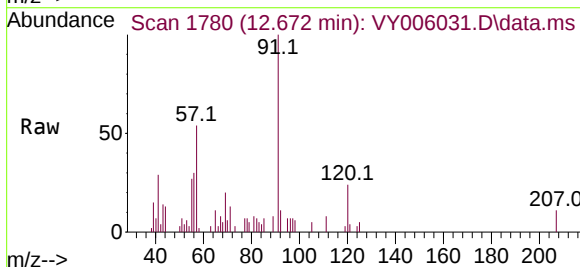
Instrument :  
MSVOA\_Y  
ClientSampleId :

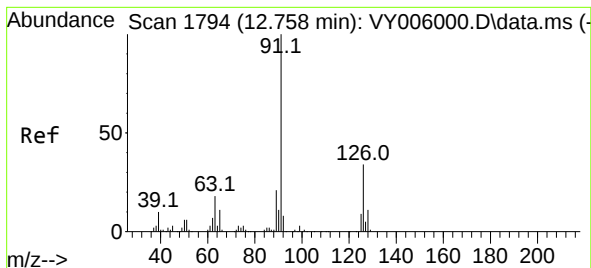
Tgt Ion: 75 Resp: 4069  
Ion Ratio Lower Upper  
75 100  
77 4.2 0.0 0.0#



#78  
n-propylbenzene  
Concen: 5.394 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 91 Resp: 4075  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.3 33.9

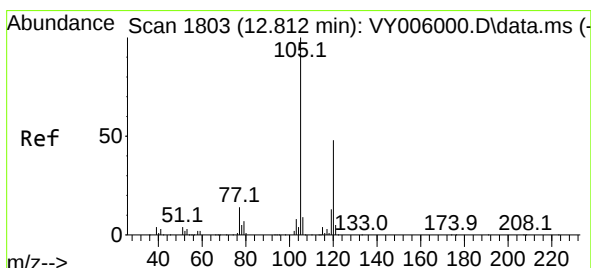
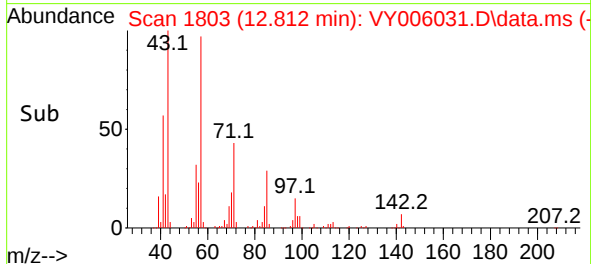
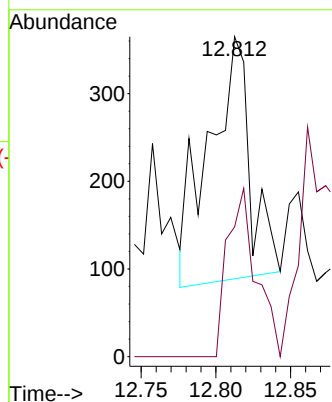
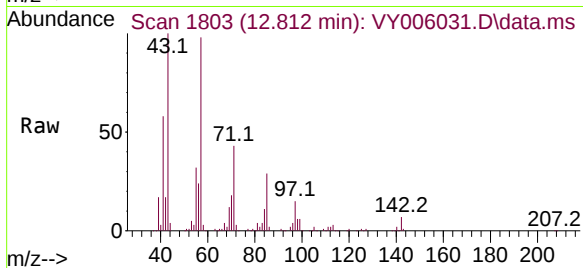




#79  
2-Chlorotoluene  
Concen: 1.298 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.055 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

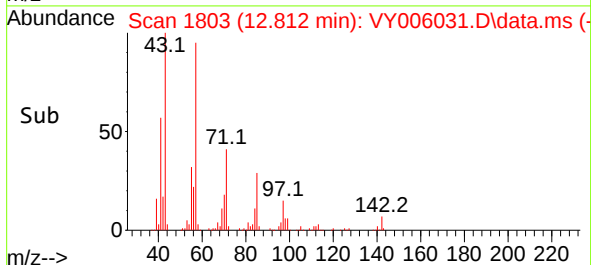
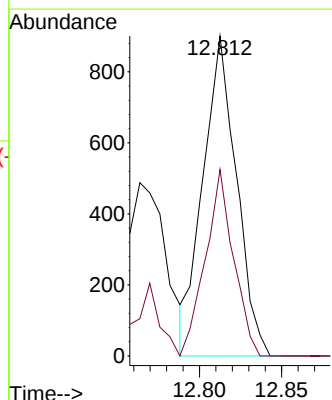
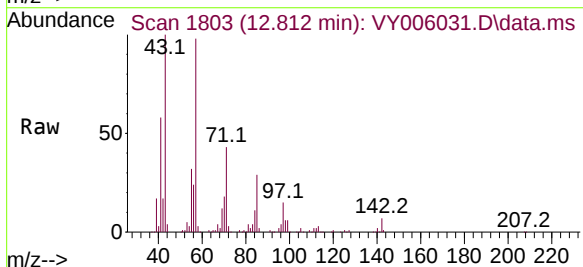
Instrument :  
MSVOA\_Y  
ClientSampleId :

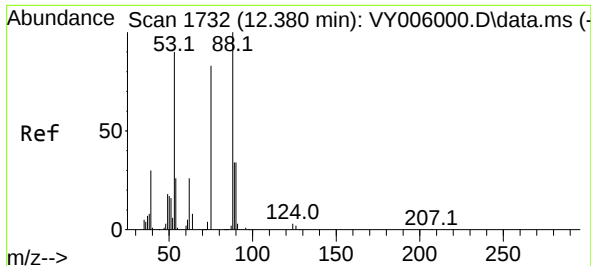
Tgt Ion: 91 Resp: 533  
Ion Ratio Lower Upper  
91 100  
126 47.8 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 2.516 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 105 Resp: 1274  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.4 73.4

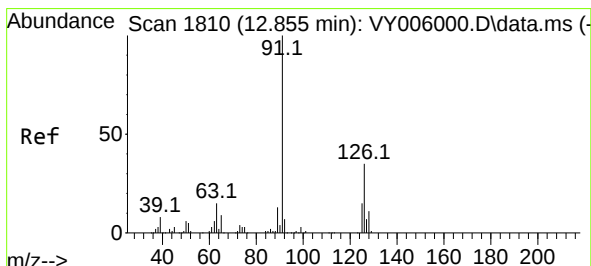
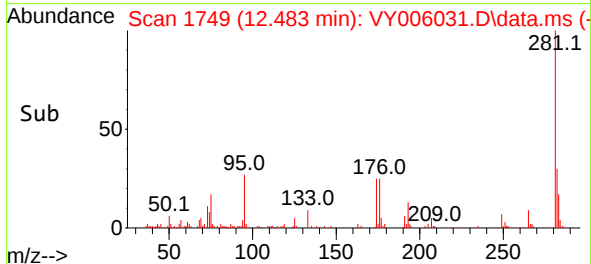
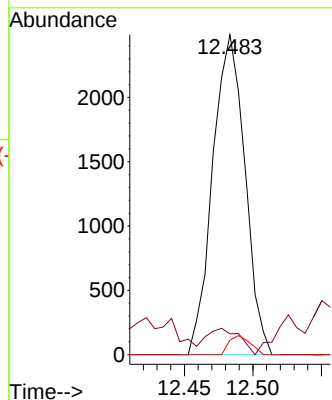
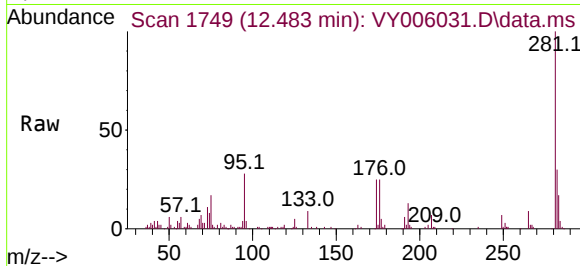




#81  
trans-1,4-Dichloro-2-butene  
Concen: 89.990 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

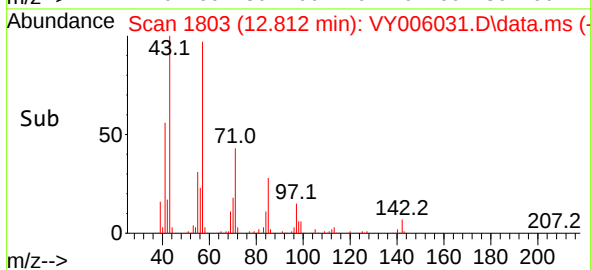
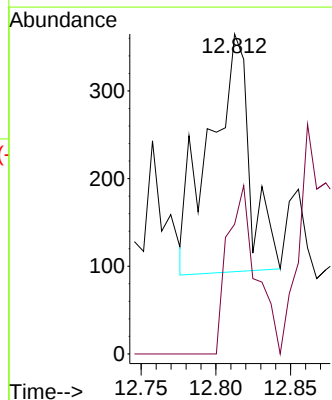
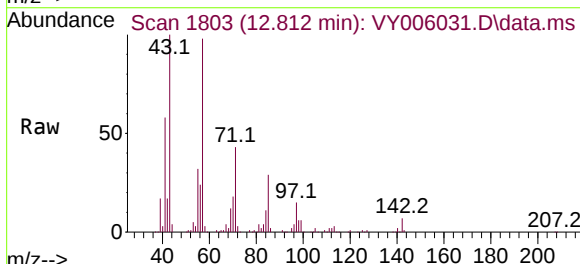
Instrument :  
MSVOA\_Y  
ClientSampleId :

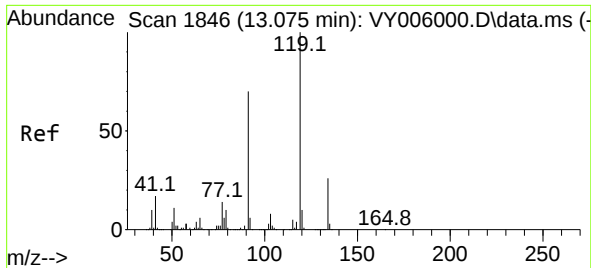
Tgt Ion: 75 Resp: 4069  
Ion Ratio Lower Upper  
75 100  
53 8.4 85.3 127.9#  
89 3.9 37.0 55.4#



#82  
4-Chlorotoluene  
Concen: 1.204 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.043 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 91 Resp: 511  
Ion Ratio Lower Upper  
91 100  
126 49.9 17.0 51.0

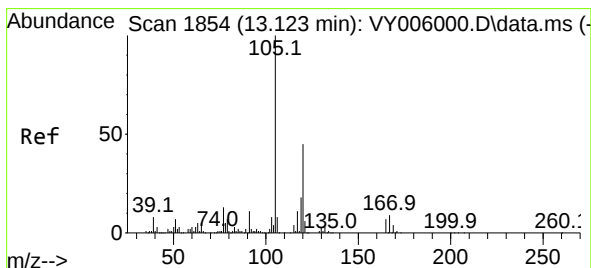
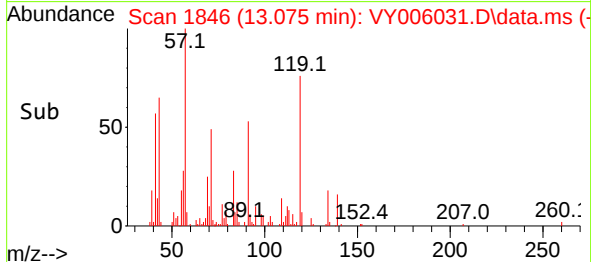
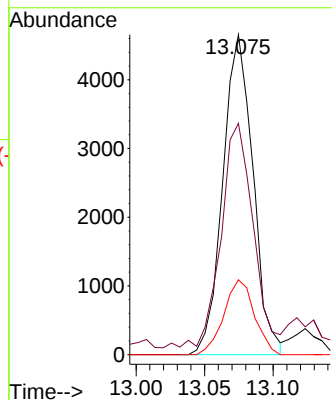
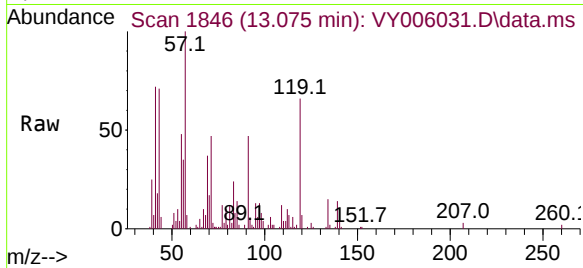




#83  
tert-Butylbenzene  
Concen: 16.461 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

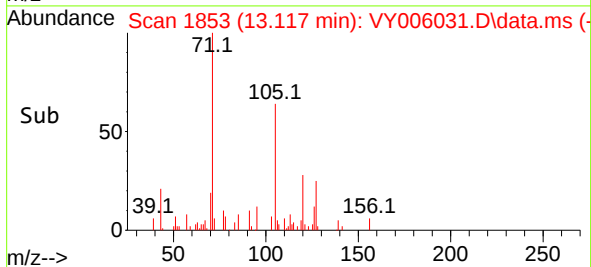
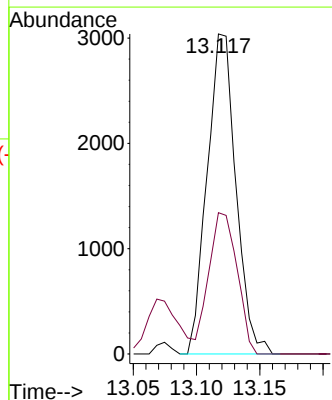
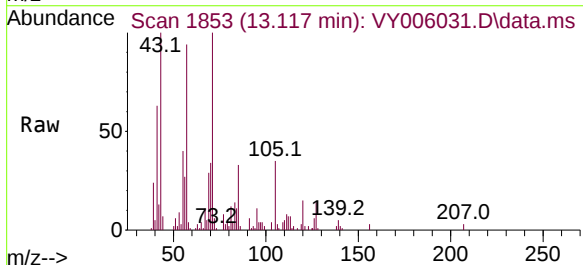
Instrument :  
MSVOA\_Y  
ClientSampleId :

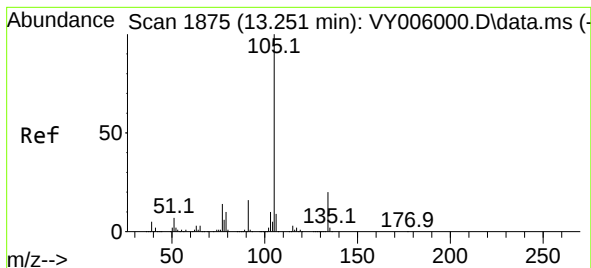
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 7129  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 74.1  | 34.8  | 104.4 |
| 134      | 23.7  | 13.3  | 39.9  |



#84  
1,2,4-Trimethylbenzene  
Concen: 9.590 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 4818  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 43.0  | 22.3  | 66.9  |

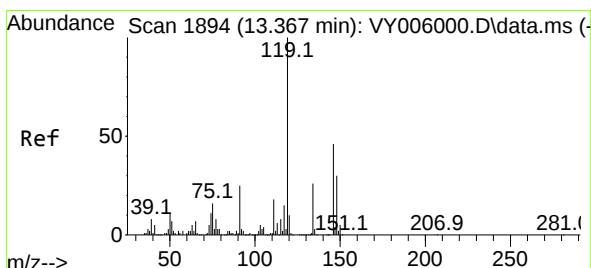
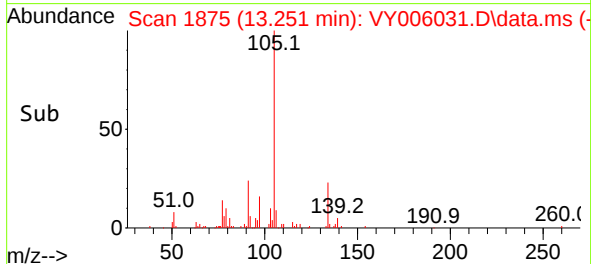
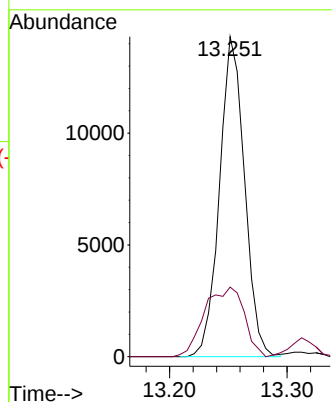
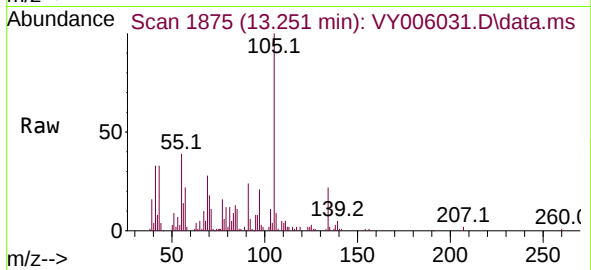




#85  
 sec-Butylbenzene  
 Concen: 32.689 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY006031.D  
 Acq: 15 Sep 2021 18:00

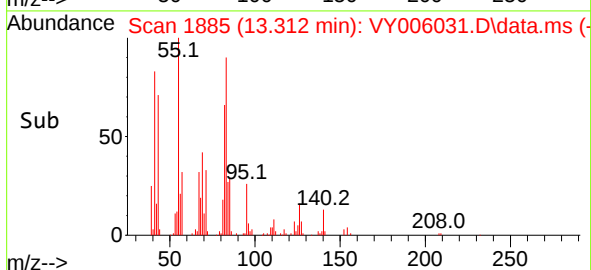
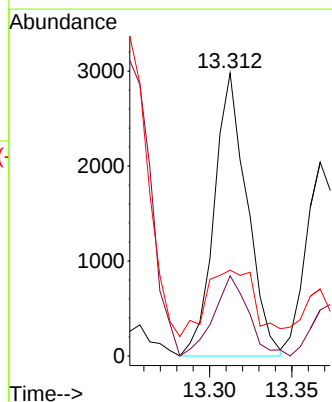
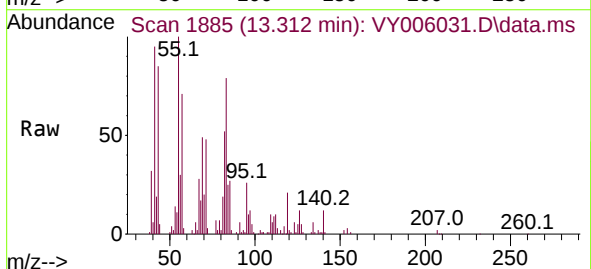
Instrument :  
 MSVOA\_Y  
 ClientSampled :

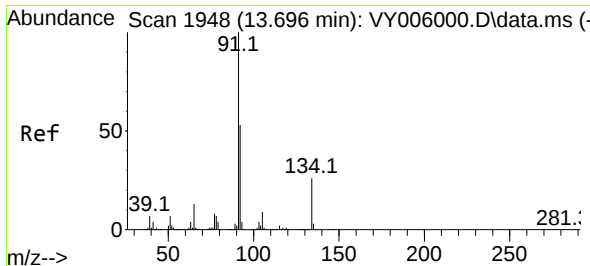
Tgt Ion:105 Resp: 21193  
 Ion Ratio Lower Upper  
 105 100  
 134 34.3 10.2 30.4#



#86  
 p-Isopropyltoluene  
 Concen: 7.456 ug/l  
 RT: 13.312 min Scan# 1885  
 Delta R.T. -0.055 min  
 Lab File: VY006031.D  
 Acq: 15 Sep 2021 18:00

Tgt Ion:119 Resp: 4127  
 Ion Ratio Lower Upper  
 119 100  
 134 29.8 13.2 39.5  
 91 34.6 12.4 37.2

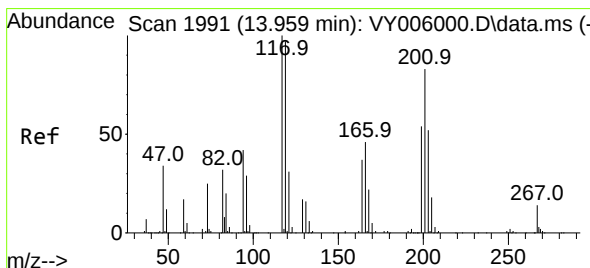
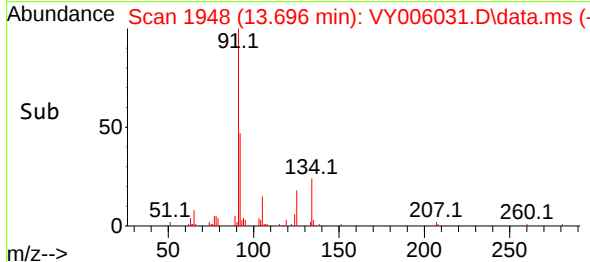
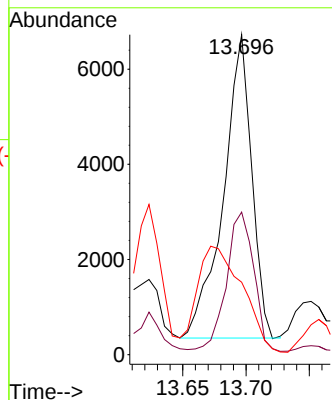
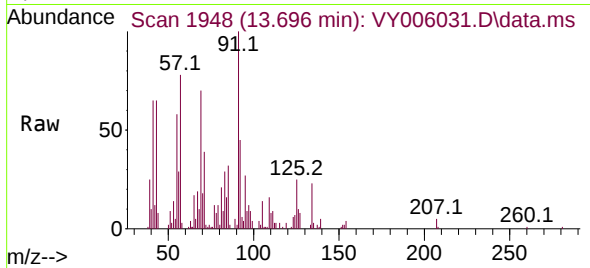




#89  
n-Butylbenzene  
Concen: 19.150 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

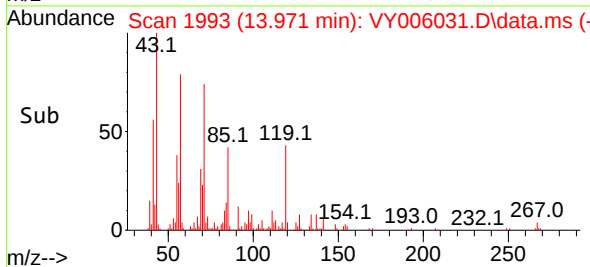
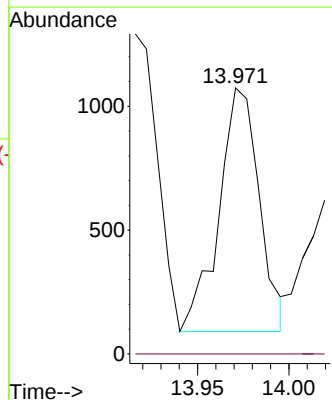
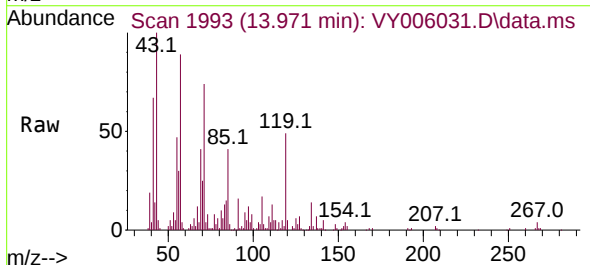
Instrument :  
MSVOA\_Y  
ClientSampleId :

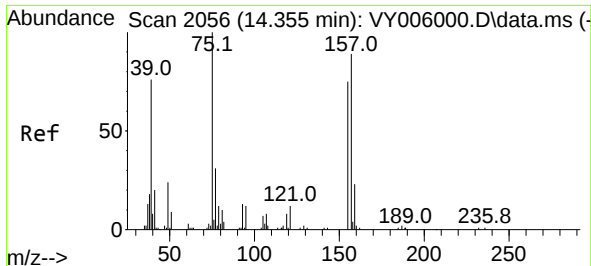
Tgt Ion: 91 Resp: 9912  
Ion Ratio Lower Upper  
91 100  
92 44.2 26.3 78.9  
134 0.0 13.0 38.9#



#90  
Hexachloroethane  
Concen: 15.240 ug/l  
RT: 13.971 min Scan# 1993  
Delta R.T. 0.012 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 117 Resp: 1518  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#

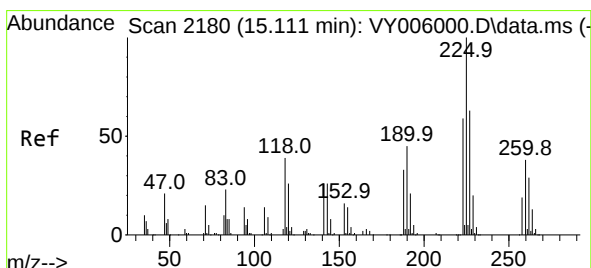
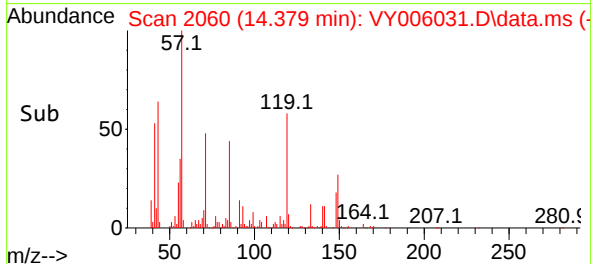
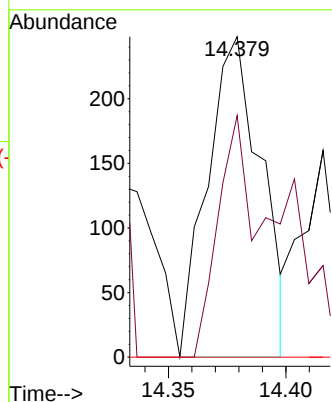
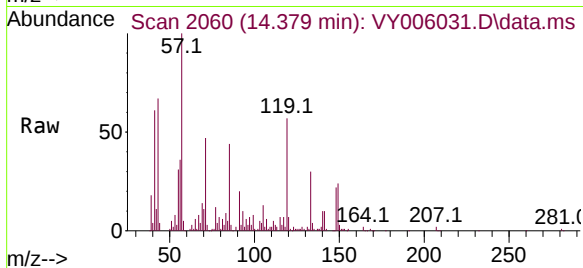




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.527 ug/l  
RT: 14.379 min Scan# 2060  
Delta R.T. 0.024 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

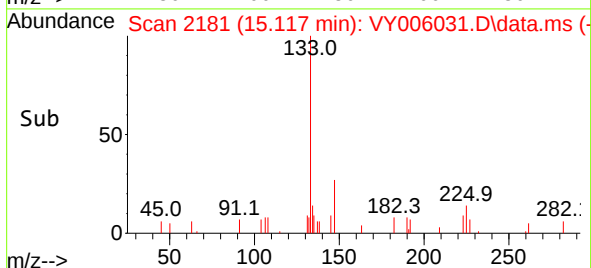
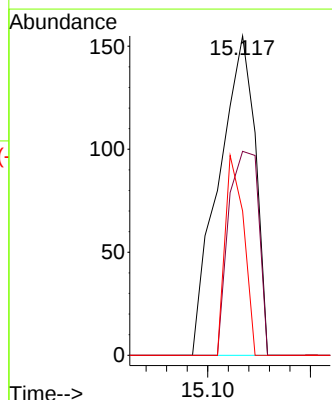
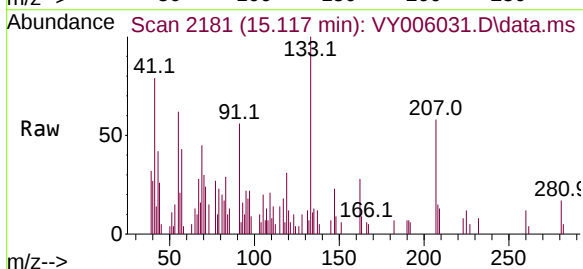
Instrument :  
MSVOA\_Y  
ClientSampleId :

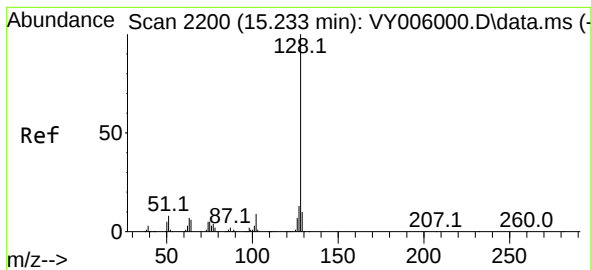
Tgt Ion: 75 Resp: 395  
Ion Ratio Lower Upper  
75 100  
155 63.0 38.0 113.9  
157 0.0 47.8 143.3#



#94  
Hexachlorobutadiene  
Concen: 1.885 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Tgt Ion: 225 Resp: 191  
Ion Ratio Lower Upper  
225 100  
223 52.9 30.8 92.3  
227 31.9 31.6 94.7





#95  
Naphthalene  
Concen: 1.355 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.006 min  
Lab File: VY006031.D  
Acq: 15 Sep 2021 18:00

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 422  
Ion Ratio Lower Upper  
128 100  
127 5.0 11.0 16.4#  
129 19.4 8.4 12.6#

