

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY100121\  
 Data File : VY006258.D  
 Acq On : 01 Oct 2021 12:42  
 Operator : SY/MD  
 Sample : VY1001SBSD01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1001SBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 10/4/2021 5:49:17 PM

Quant Time: Oct 02 02:11:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 156255     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 233109     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 220997     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 113218     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 80507      | 48.139  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 96.280% |        |          |
| 35) Dibromofluoromethane     | 7.722          | 113  | 59267      | 47.588  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 95.180% |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 258556     | 49.605  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 99.220% |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 88166      | 49.792  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 99.580% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 35439      | 22.360  | ug/l   | 100      |
| 3) Chloromethane             | 2.119          | 50   | 36525      | 19.785  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.259          | 62   | 42544      | 20.794  | ug/l   | 97       |
| 5) Bromomethane              | 2.650          | 94   | 29875      | 22.468  | ug/l   | 99       |
| 6) Chloroethane              | 2.802          | 64   | 25031      | 20.792  | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 57257      | 21.246  | ug/l   | 96       |
| 8) Diethyl Ether             | 3.540          | 74   | 17838      | 20.040  | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 3.912          | 101  | 28212      | 19.610  | ug/l   | 97       |
| 10) Methyl Iodide            | 4.101          | 142  | 25465      | 16.242  | ug/l   | 97       |
| 11) Tert butyl alcohol       | 4.960          | 59   | 13229      | 90.429  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 3.887          | 96   | 28947      | 19.780  | ug/l   | 88       |
| 13) Acrolein                 | 3.735          | 56   | 5265       | 65.506  | ug/l   | 93       |
| 14) Allyl chloride           | 4.491          | 41   | 54604      | 19.402  | ug/l   | 97       |
| 15) Acrylonitrile            | 5.174          | 53   | 44042      | 94.072  | ug/l   | 100      |
| 16) Acetone                  | 3.954          | 43   | 43417      | 92.950  | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.204          | 76   | 96423      | 19.700  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.491          | 43   | 30184      | 19.164  | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.235          | 73   | 83793      | 19.606  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.729          | 84   | 34753      | 19.284  | ug/l   | 86       |
| 21) trans-1,2-Dichloroethene | 5.235          | 96   | 32112      | 19.792  | ug/l   | 95       |
| 22) Diisopropyl ether        | 6.131          | 45   | 106821     | 19.185  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.070          | 43   | 308075     | 92.311  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 57914      | 19.375  | ug/l   | 98       |
| 25) 2-Butanone               | 6.996          | 43   | 58873      | 90.482  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 6.996          | 77   | 55011      | 20.125  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 35790      | 19.696  | ug/l   | 95       |
| 28) Bromochloromethane       | 7.344          | 49   | 23016      | 18.493  | ug/l   | 90       |
| 29) Tetrahydrofuran          | 7.350          | 42   | 36785      | 89.504  | ug/l   | 93       |
| 30) Chloroform               | 7.515          | 83   | 60045      | 20.138  | ug/l   | 99       |
| 31) Cyclohexane              | 7.789          | 56   | 58913      | 18.594  | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 56598      | 20.557  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 46217      | 19.927  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.082          | 43   | 25557      | 18.915  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 51586      | 21.064  | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.191          | 83   | 57938      | 19.888  | ug/l   | 96       |
| 40) Benzene                  | 8.167          | 78   | 134639     | 20.462  | ug/l   | 99       |

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 Sample : VY1001SBSD01  
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
 APPROVED

MMDadoda  
 10/4/2021 5:49:17 PM

Quant Time: Oct 02 02:11:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 14929m   | 17.034  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 44843    | 21.151  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 49793    | 19.215  | ug/l   | 96       |
| 44) Trichloroethene           | 8.947  | 130  | 36107    | 21.246  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 31630    | 19.526  | ug/l   | 96       |
| 46) Dibromomethane            | 9.307  | 93   | 17153    | 19.886  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 45695    | 20.574  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 23258    | 18.708  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 3927     | 348.947 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 128688   | 95.639  | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 83394    | 20.433  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 48359    | 19.970  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 53341    | 20.037  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 24823    | 20.452  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 35573    | 19.283  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 43904    | 19.991  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 92702    | 102.558 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.837 | 43   | 92199    | 96.207  | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.990 | 129  | 30603    | 20.754  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 22642    | 19.703  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 39933    | 22.437  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 88094    | 20.119  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 32166    | 19.933  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 162253   | 19.658  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 125762   | 40.152  | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 59494    | 20.112  | ug/l   | 95       |
| 70) Styrene                   | 12.044 | 104  | 101842   | 20.273  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 19585    | 19.516  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 159473   | 19.664  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.148 | 43   | 45579    | 18.107  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 24908    | 17.006  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 23570m   | 21.419  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 37490    | 19.716  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 195317   | 19.565  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 106760   | 19.326  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 134261   | 19.799  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 10298    | 18.390  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 112391   | 19.672  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 118072   | 20.366  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 134364   | 20.066  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 175269   | 20.005  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 149267   | 20.189  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 74867    | 19.873  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 75128    | 20.225  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 139907   | 19.915  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 26535    | 19.763  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 66359    | 20.144  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 5124     | 18.363  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 43989    | 20.208  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 28771    | 20.260  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 80493    | 18.611  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 37979    | 19.685  | ug/l   | 99       |

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Sample : VY1001SBSD01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

Manual Integrations  
APPROVED

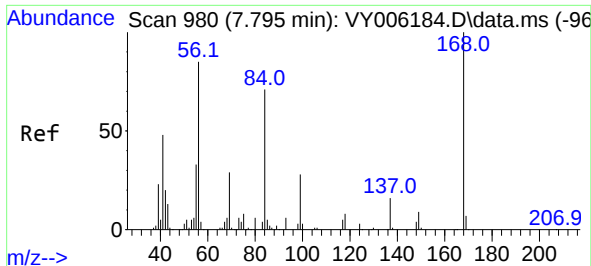
MMDadoda  
10/4/2021 5:49:17 PM

Quant Time: Oct 02 02:11:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 17:44:36 2021  
Response via : Initial Calibration

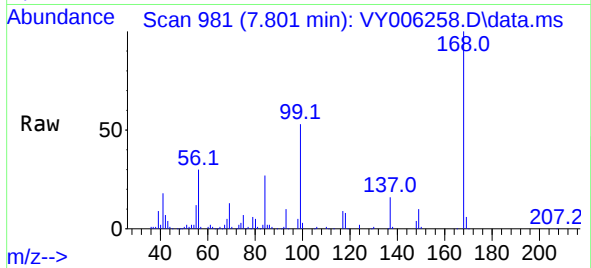
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

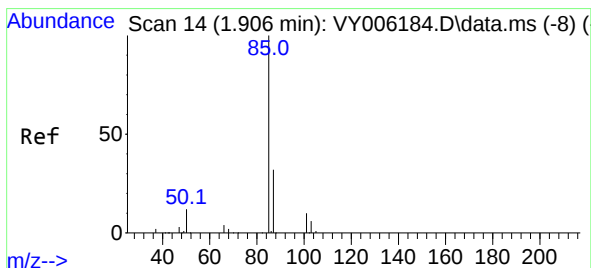
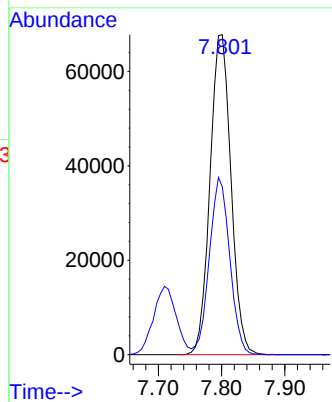
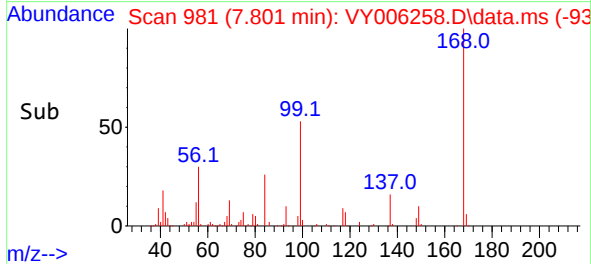




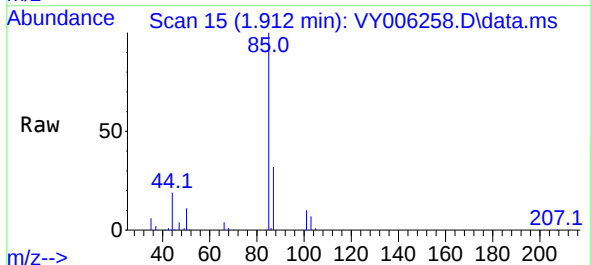
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



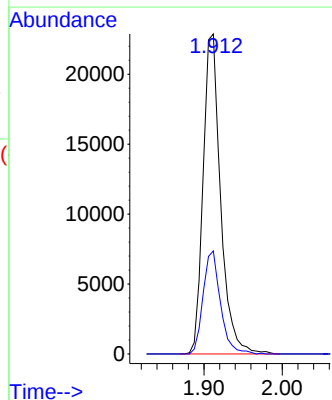
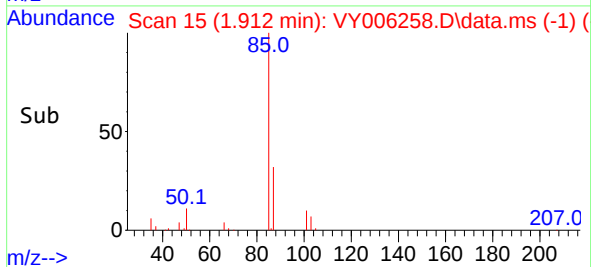
Tgt Ion: 168 Resp: 156255  
Ion Ratio Lower Upper  
168 100  
99 52.5 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 22.360 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



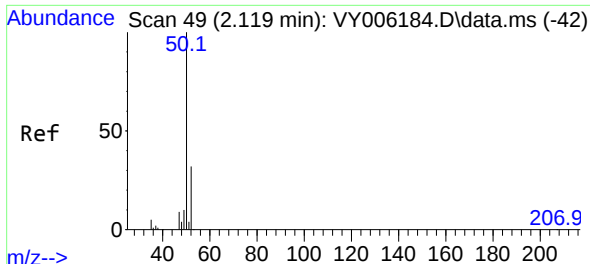
Tgt Ion: 85 Resp: 35439  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.1 48.2



Instrument :  
MSVOA\_Y  
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VY1001SBSD01

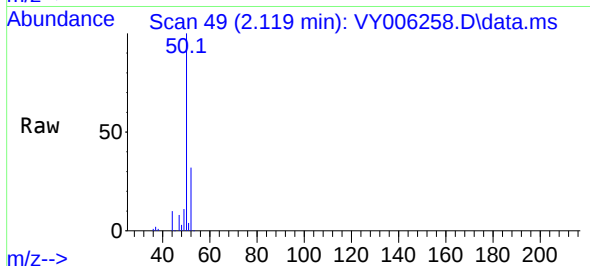
Manual Integrations  
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10/4/2021 5:49:17 PM



#3  
Chloromethane  
Concen: 19.785 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

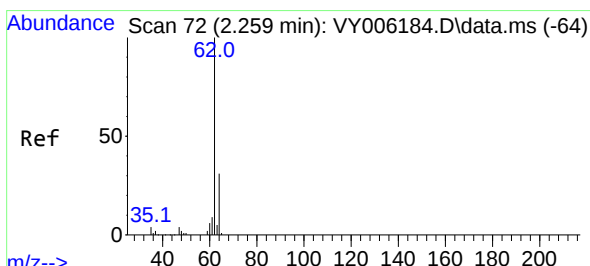
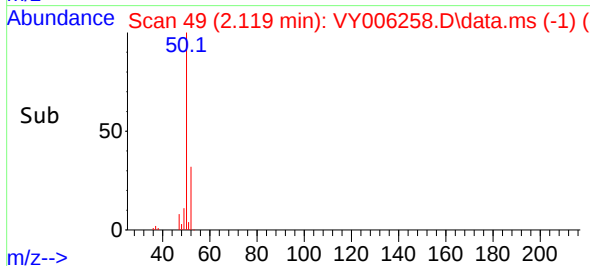
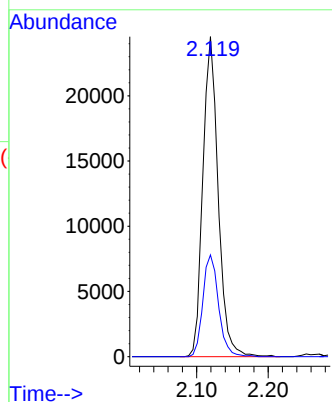
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



Tgt Ion: 50 Resp: 36525  
Ion Ratio Lower Upper  
50 100  
52 31.8 24.6 37.0

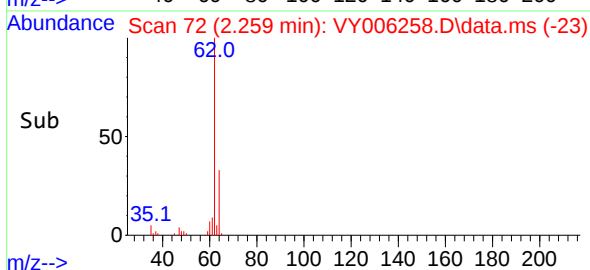
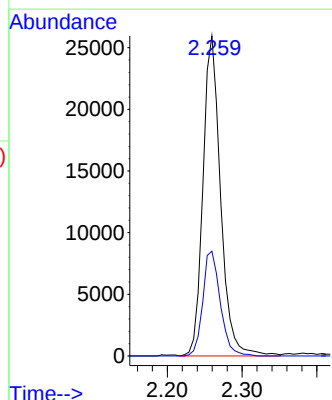
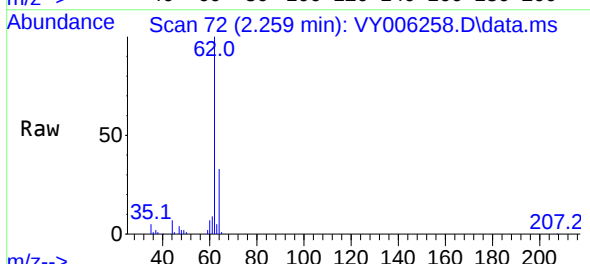
Manual Integrations  
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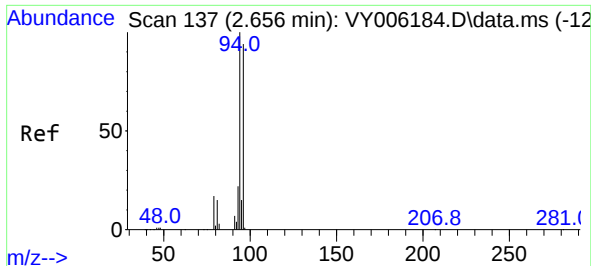
MMDadoda  
10/4/2021 5:49:17 PM



#4  
Vinyl Chloride  
Concen: 20.794 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 62 Resp: 42544  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.0 37.6





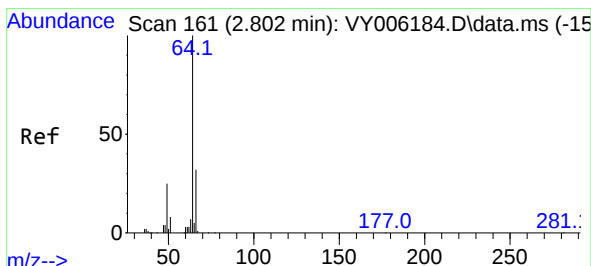
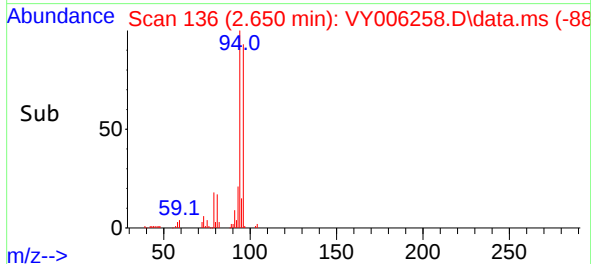
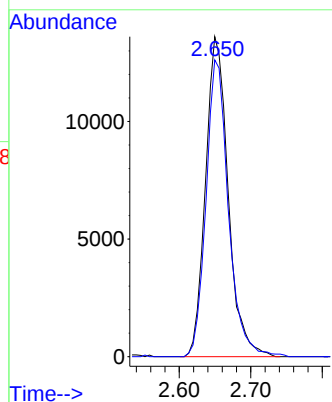
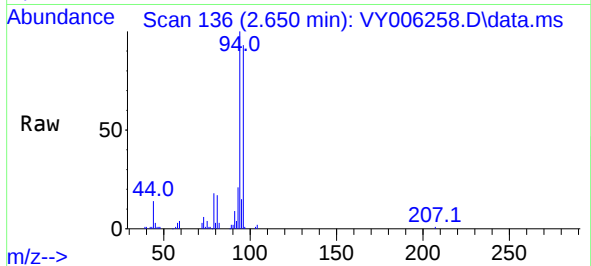
#5  
Bromomethane  
Concen: 22.468 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 94 Resp: 29875  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.5 110.3

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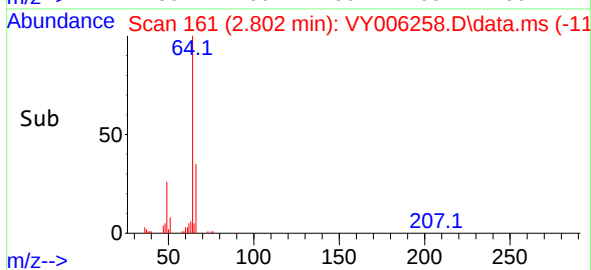
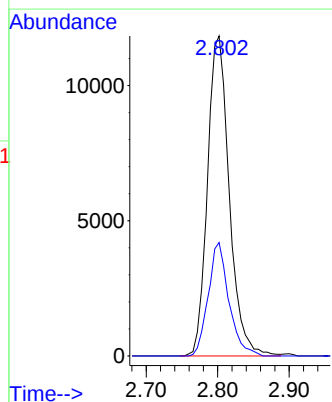
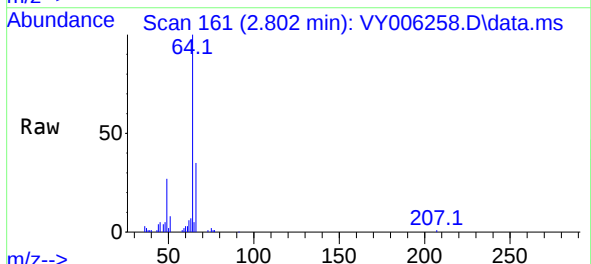
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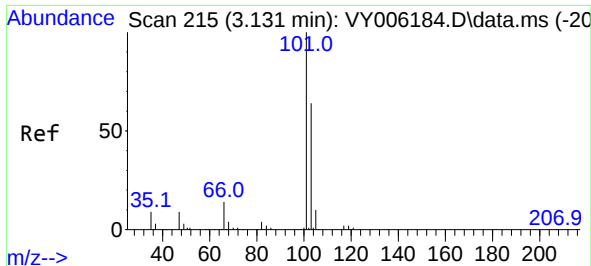
MMDadoda  
10/4/2021 5:49:17 PM



#6  
Chloroethane  
Concen: 20.792 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

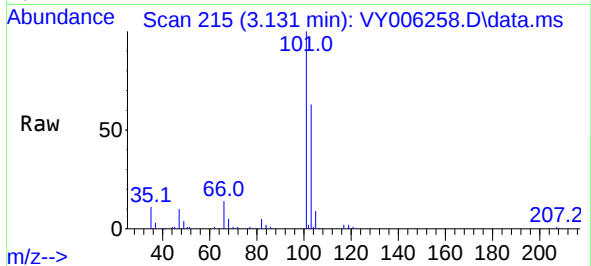
Tgt Ion: 64 Resp: 25031  
Ion Ratio Lower Upper  
64 100  
66 35.4 25.4 38.0





#7  
Trichlorofluoromethane  
Concen: 21.246 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

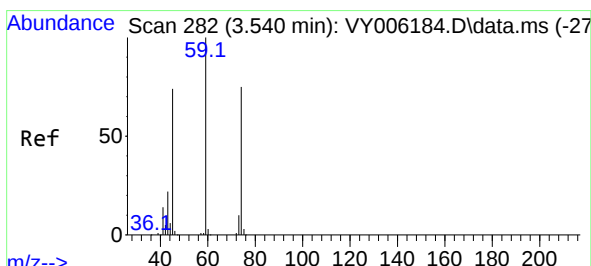
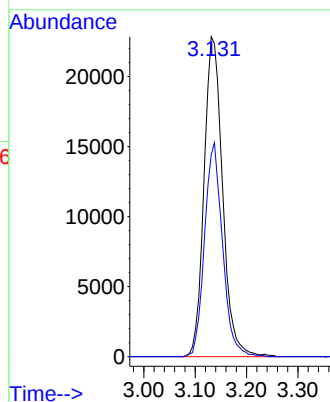
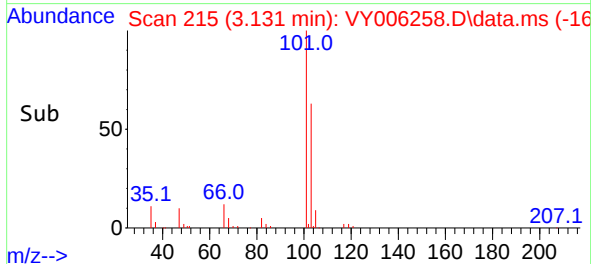
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



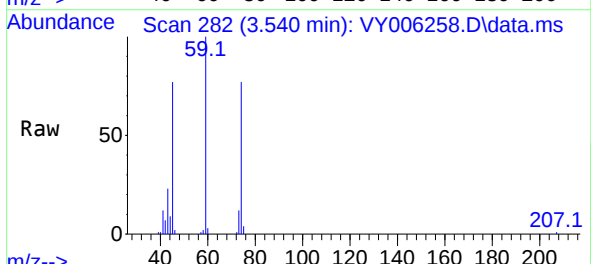
Tgt Ion:101 Resp: 57257  
Ion Ratio Lower Upper  
101 100  
103 63.1 48.0 72.0

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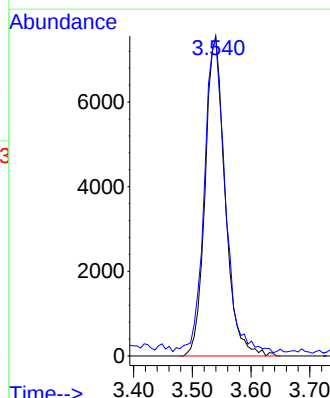
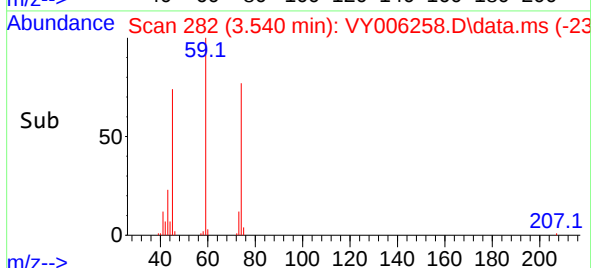
MMDadoda  
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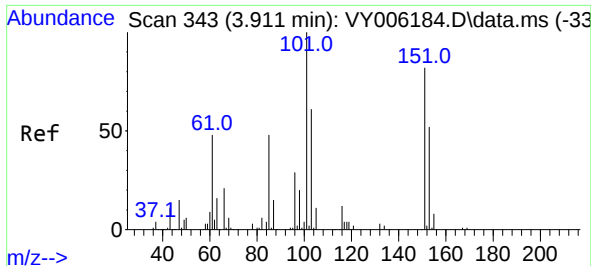


#8  
Diethyl Ether  
Concen: 20.040 ug/l  
RT: 3.540 min Scan# 282  
Delta R.T. -0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion: 74 Resp: 17838  
Ion Ratio Lower Upper  
74 100  
45 103.5 55.1 165.5





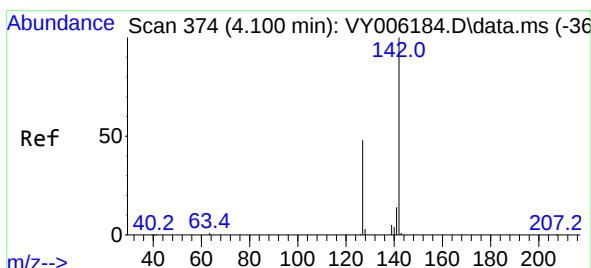
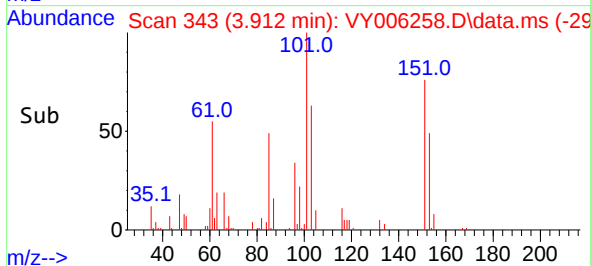
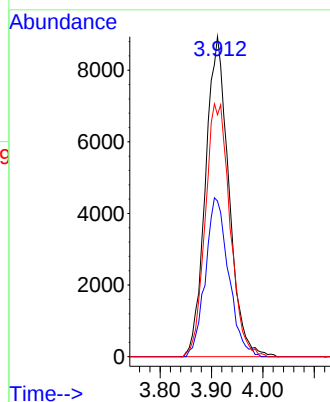
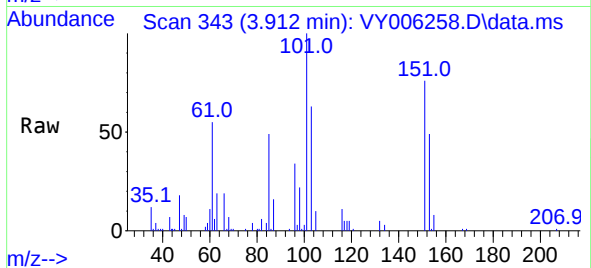
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.610 ug/l  
RT: 3.912 min Scan# 343  
Delta R.T. 0.001 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 28212 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 49.3  | 40.6  | 60.8  |
| 151      | 83.8  | 64.9  | 97.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

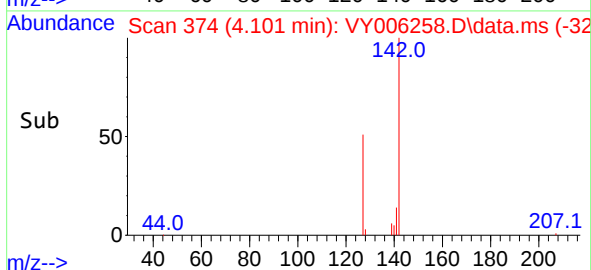
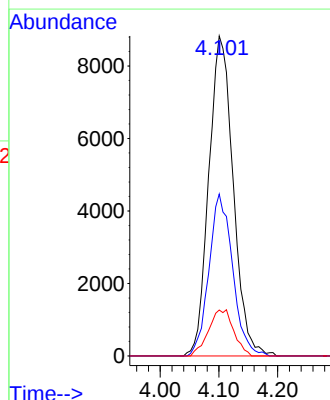
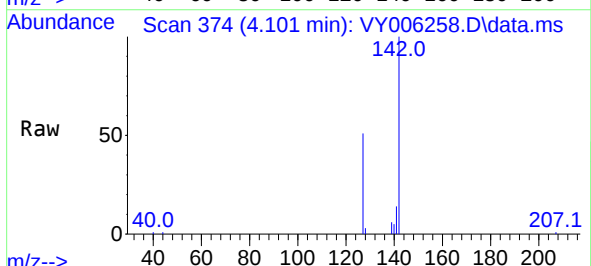
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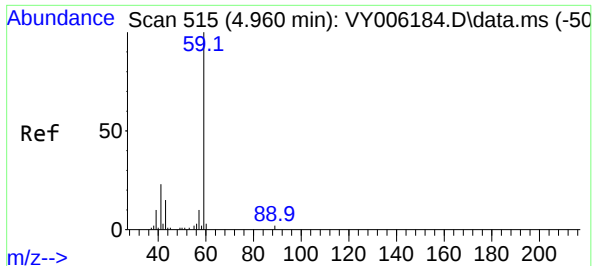
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#10  
Methyl Iodide  
Concen: 16.242 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.001 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 25465 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 49.1  | 41.5  | 62.3  |
| 141      | 14.9  | 11.9  | 17.9  |





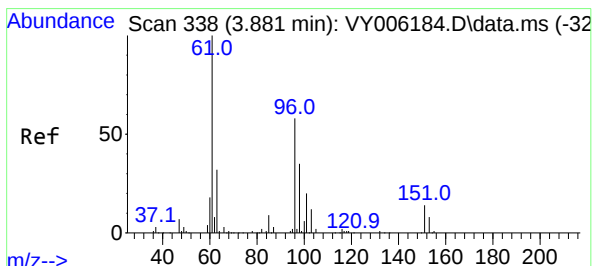
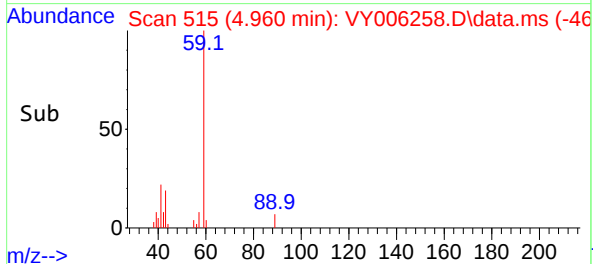
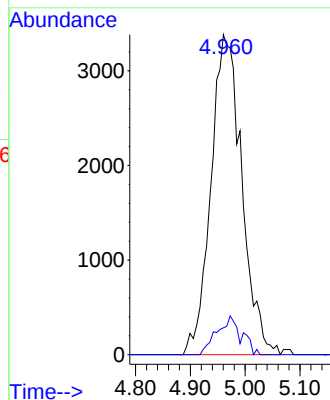
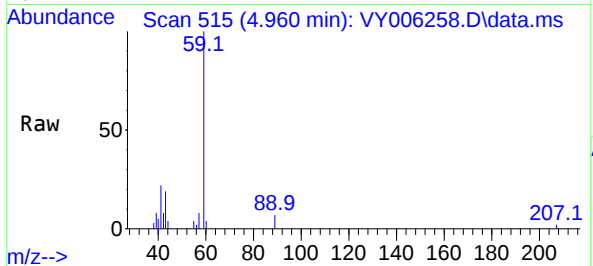
#11  
Tert butyl alcohol  
Concen: 90.429 ug/l  
RT: 4.960 min Scan# 515  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 59 Resp: 13229  
Ion Ratio Lower Upper  
59 100  
57 7.7 6.4 9.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

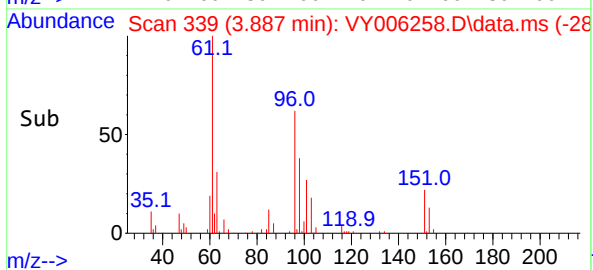
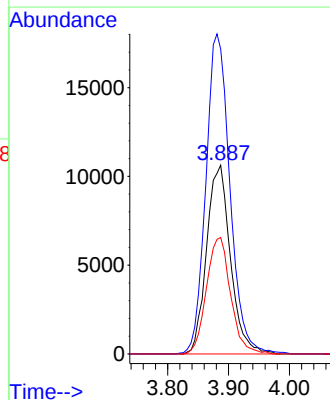
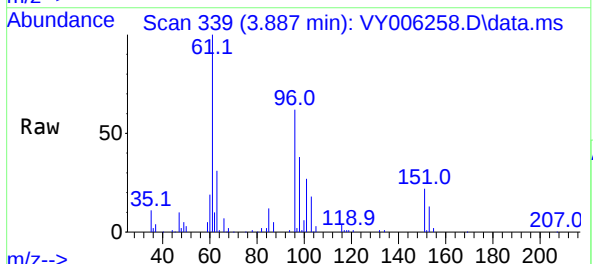
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#12  
1,1-Dichloroethene  
Concen: 19.780 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

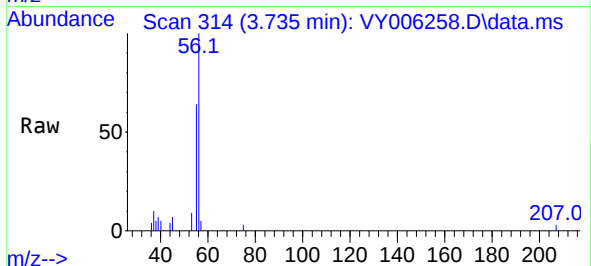
Tgt Ion: 96 Resp: 28947  
Ion Ratio Lower Upper  
96 100  
61 161.0 145.8 218.6  
98 61.7 52.5 78.7





#13  
Acrolein  
Concen: 65.506 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

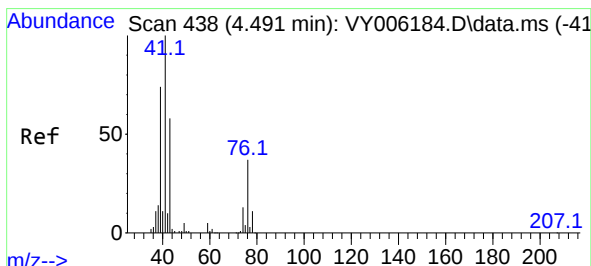
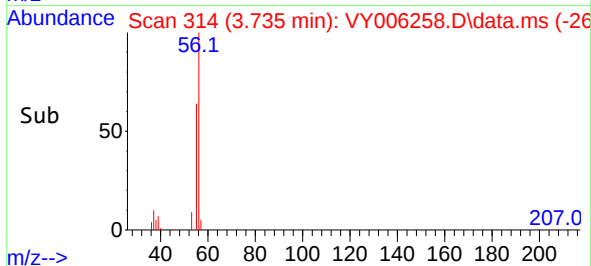
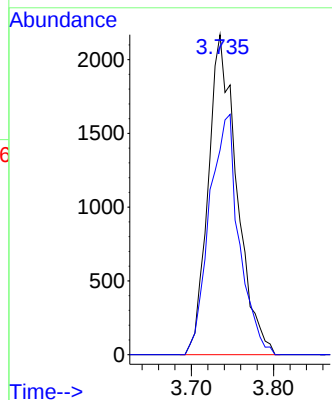
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



Tgt Ion: 56 Resp: 5265  
Ion Ratio Lower Upper  
56 100  
55 77.6 57.6 86.4

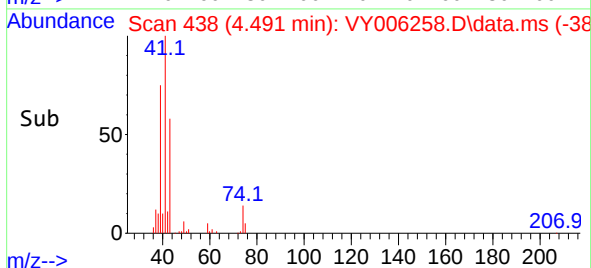
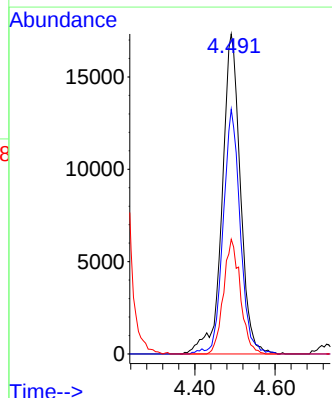
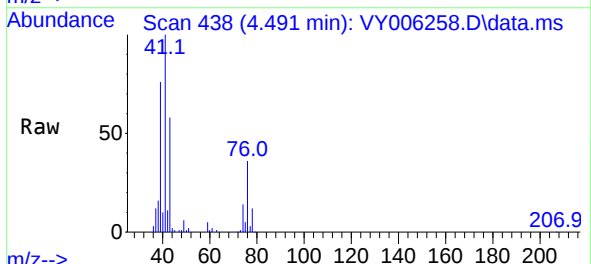
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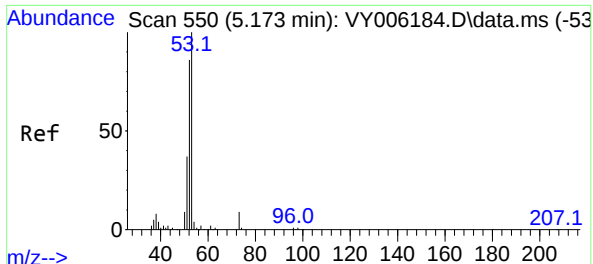
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#14  
Allyl chloride  
Concen: 19.402 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 41 Resp: 54604  
Ion Ratio Lower Upper  
41 100  
39 71.1 58.8 88.2  
76 33.2 25.1 37.7





#15

Acrylonitrile

Concen: 94.072 ug/l

RT: 5.174 min Scan# 550

Delta R.T. 0.001 min

Lab File: VY006258.D

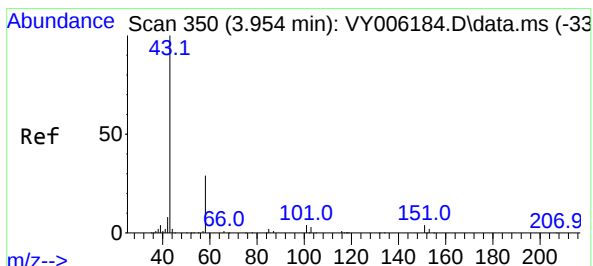
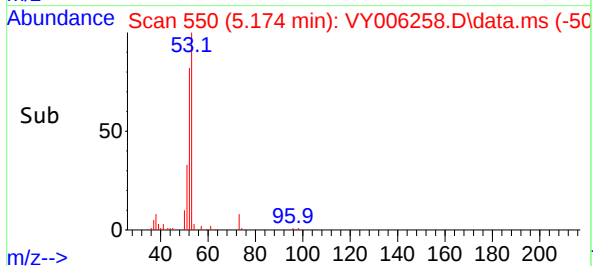
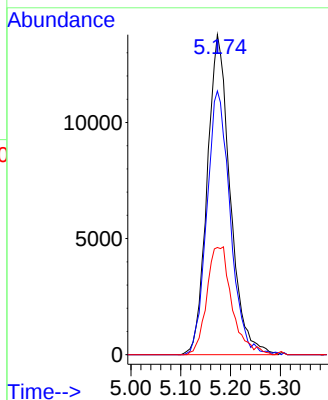
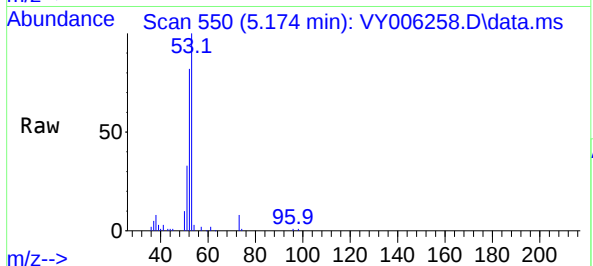
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 44042 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.0  | 67.0  | 100.4 |
| 51       | 36.9  | 29.8  | 44.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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#16

Acetone

Concen: 92.950 ug/l

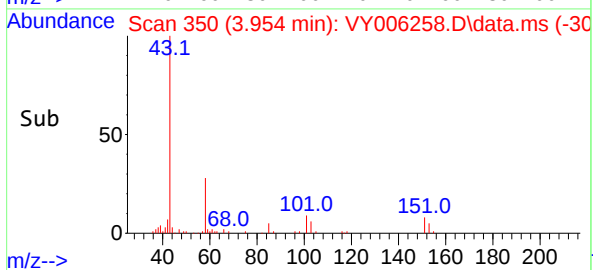
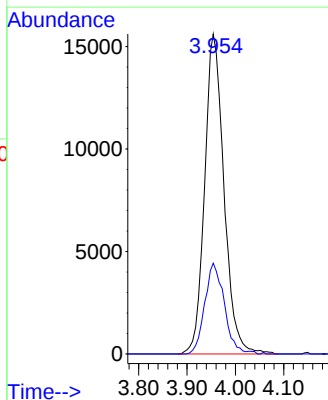
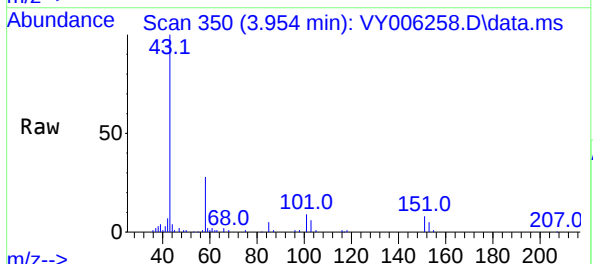
RT: 3.954 min Scan# 350

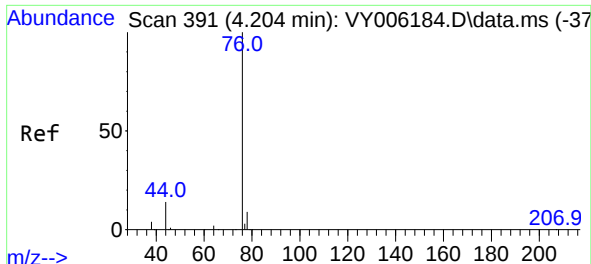
Delta R.T. 0.000 min

Lab File: VY006258.D

Acq: 01 Oct 2021 12:42

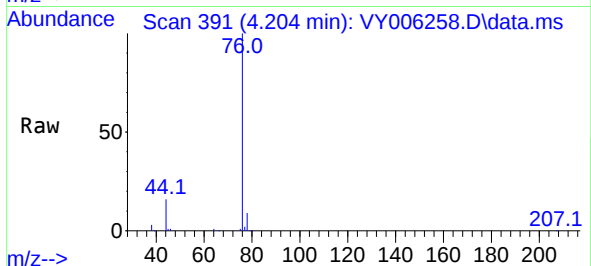
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 43417 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.4  | 22.0  | 33.0  |



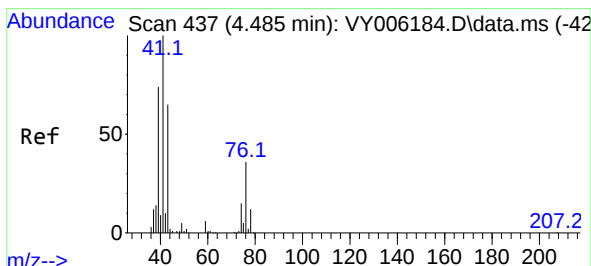
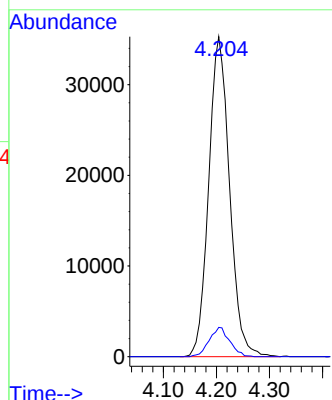
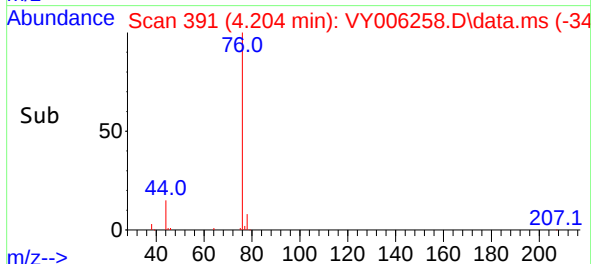


#17  
Carbon Disulfide  
Concen: 19.700 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

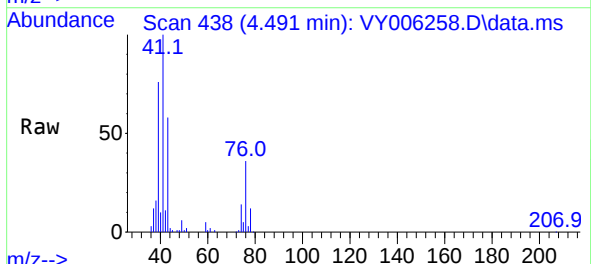
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



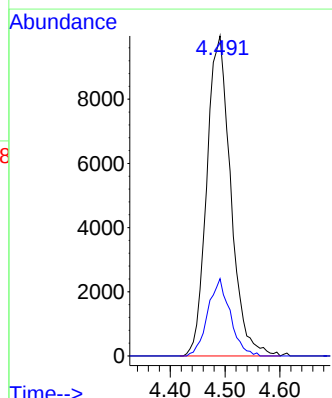
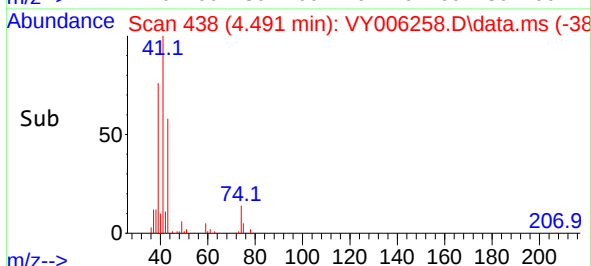
Tgt Ion: 76 Resp: 96423  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0

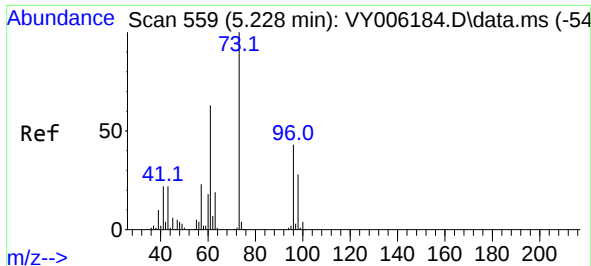


#18  
Methyl Acetate  
Concen: 19.164 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

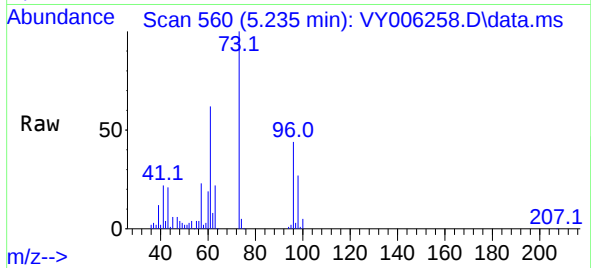


Tgt Ion: 43 Resp: 30184  
Ion Ratio Lower Upper  
43 100  
74 22.6 16.6 24.8

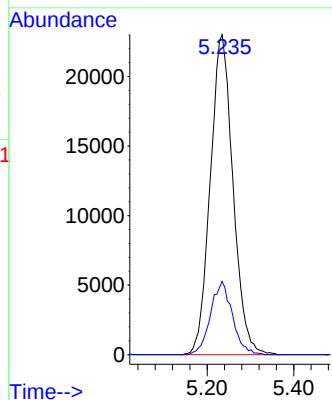




#19  
Methyl tert-butyl Ether  
Concen: 19.606 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.007 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



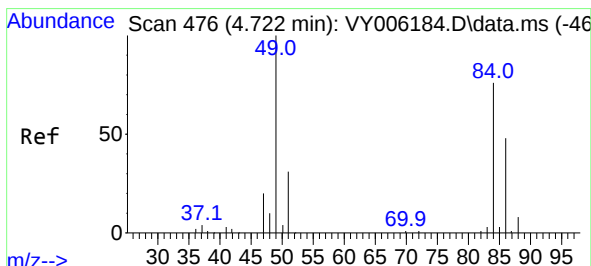
Tgt Ion: 73 Resp: 83793  
Ion Ratio Lower Upper  
73 100  
57 22.9 18.6 27.8



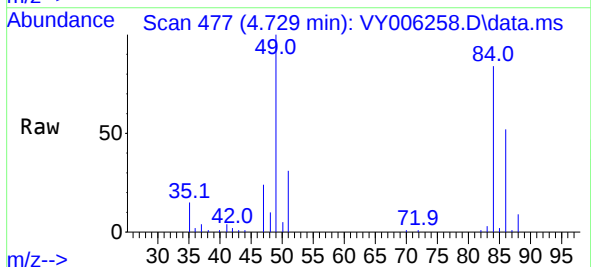
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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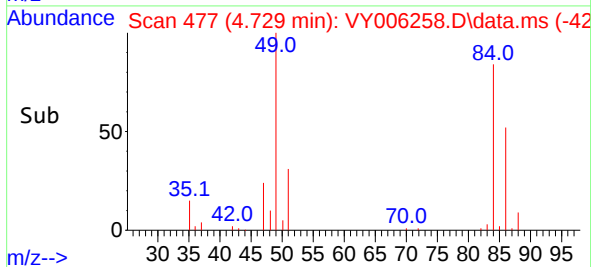
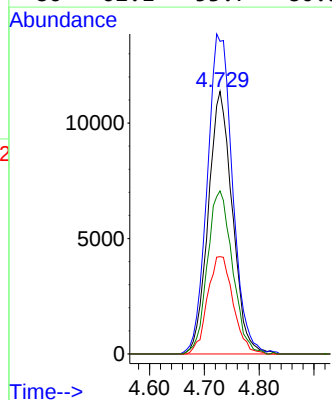
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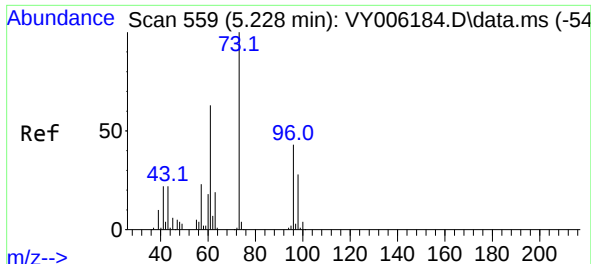


#20  
Methylene Chloride  
Concen: 19.284 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.007 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

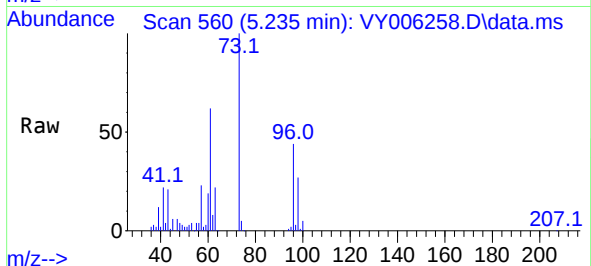


Tgt Ion: 84 Resp: 34753  
Ion Ratio Lower Upper  
84 100  
49 119.1 114.4 171.6  
51 37.1 35.3 52.9  
86 62.1 53.7 80.5



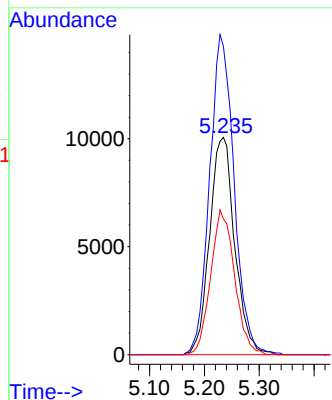


#21  
trans-1,2-Dichloroethene  
Concen: 19.792 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.007 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion: 96 Resp: 32112

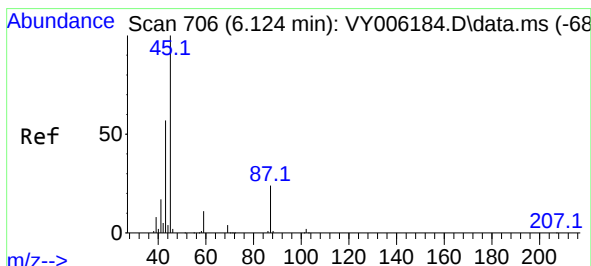
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.9 | 120.5 | 180.7 |
| 98  | 62.4  | 49.8  | 74.8  |



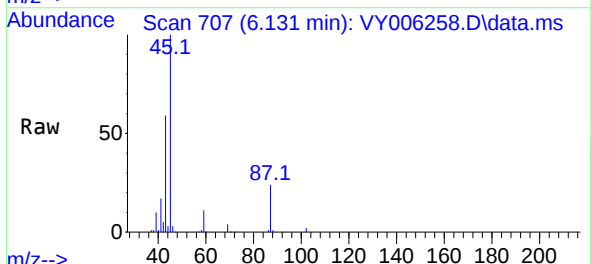
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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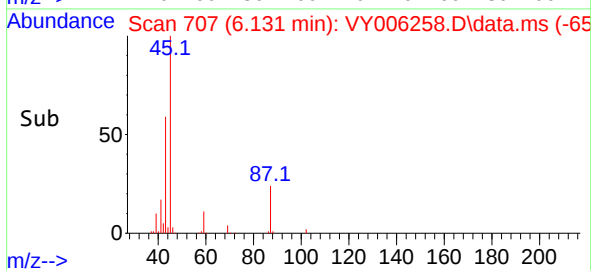
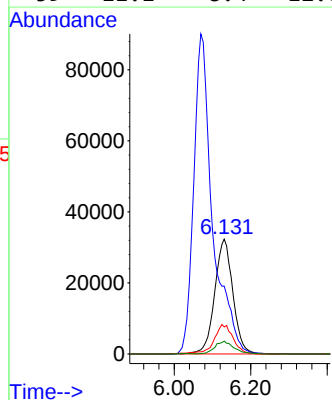


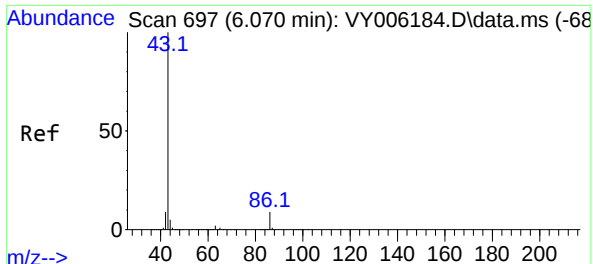
#22  
Diisopropyl ether  
Concen: 19.185 ug/l  
RT: 6.131 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



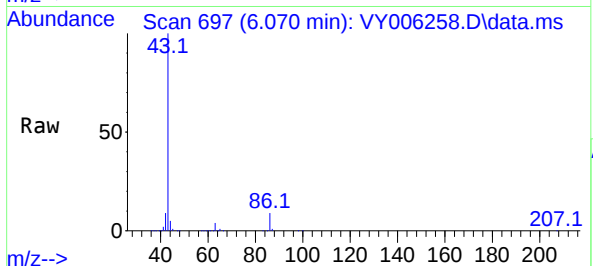
Tgt Ion: 45 Resp: 106821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 58.7  | 49.3  | 73.9  |
| 87  | 23.6  | 19.2  | 28.8  |
| 59  | 11.1  | 8.4   | 12.6  |

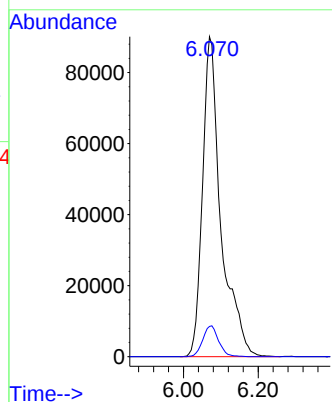




#23  
 Vinyl Acetate  
 Concen: 92.311 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY006258.D  
 Acq: 01 Oct 2021 12:42



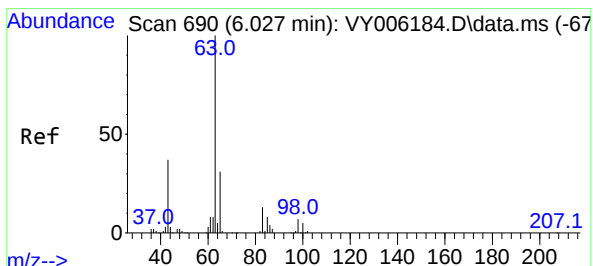
Tgt Ion: 43 Resp: 308075  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.1 10.7



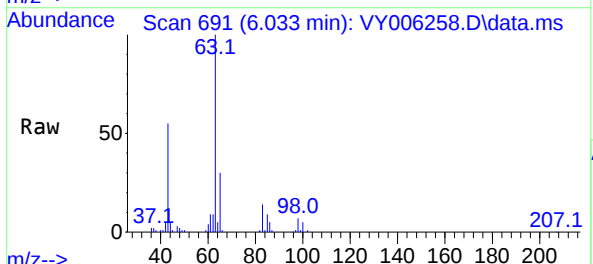
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1001SBSD01

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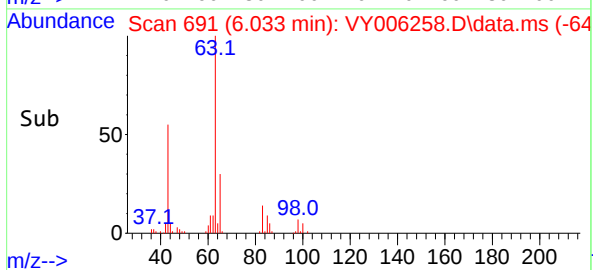
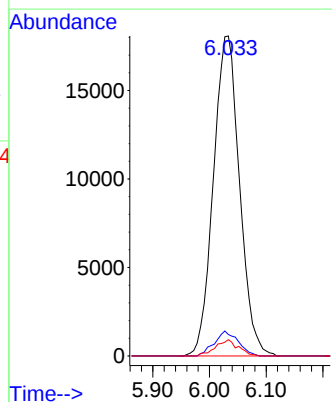
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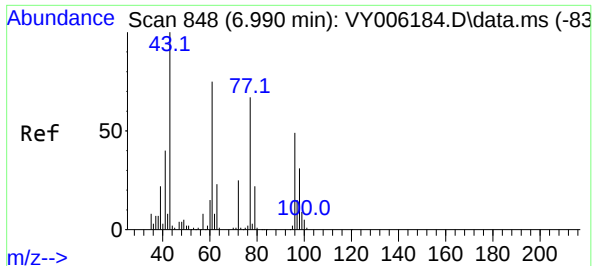


#24  
 1,1-Dichloroethane  
 Concen: 19.375 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.006 min  
 Lab File: VY006258.D  
 Acq: 01 Oct 2021 12:42



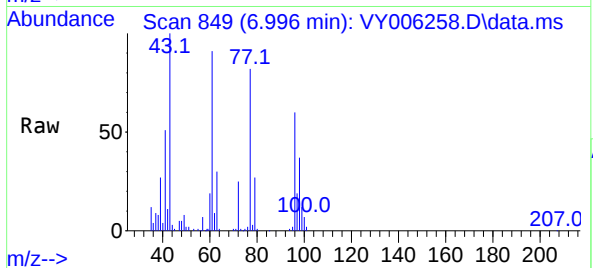
Tgt Ion: 63 Resp: 57914  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.6 10.8  
 100 5.1 2.0 5.8





#25  
2-Butanone  
Concen: 90.482 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

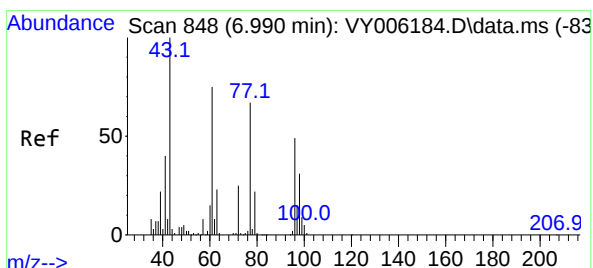
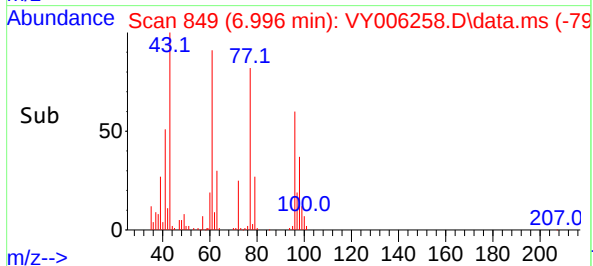
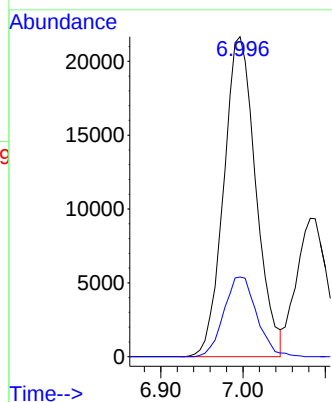
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



Tgt Ion: 43 Resp: 58873  
Ion Ratio Lower Upper  
43 100  
72 24.9 17.7 26.5

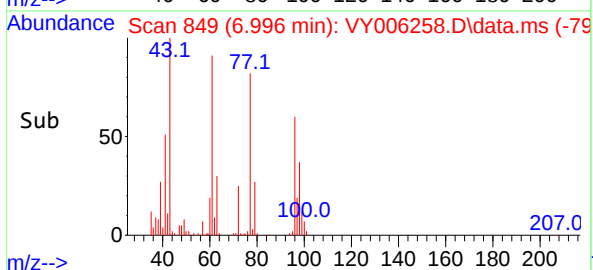
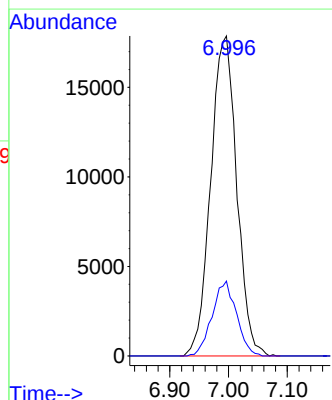
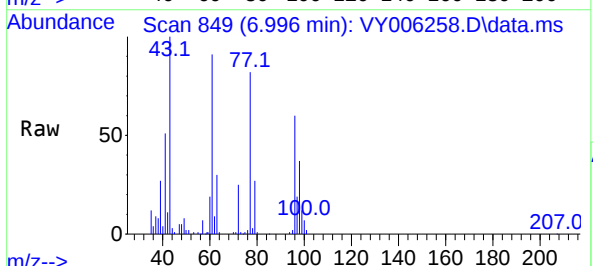
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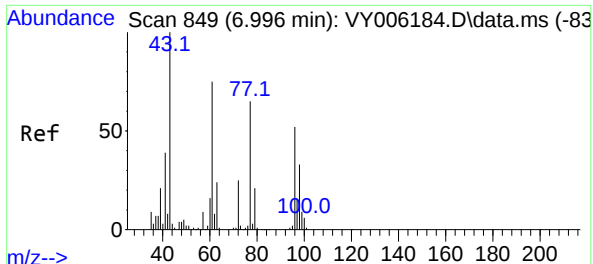
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#26  
2,2-Dichloropropane  
Concen: 20.125 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 77 Resp: 55011  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.4 31.4





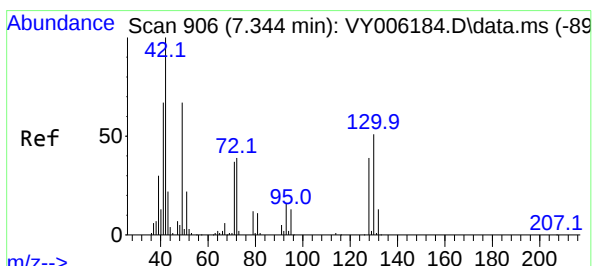
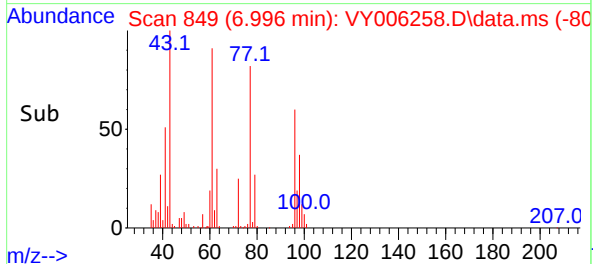
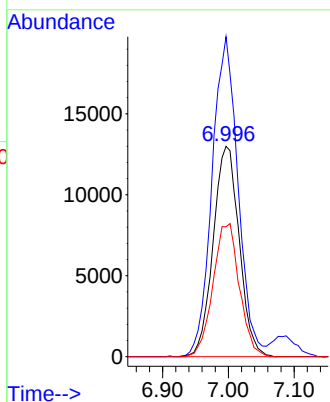
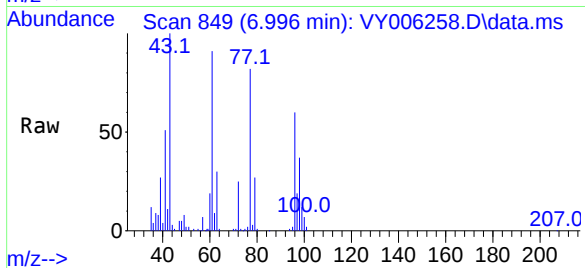
#27  
cis-1,2-Dichloroethene  
Concen: 19.696 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 35790 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 152.0 | 0.0   | 319.8 |
| 98       | 64.2  | 0.0   | 127.0 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

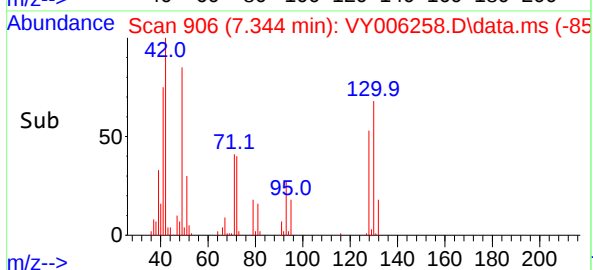
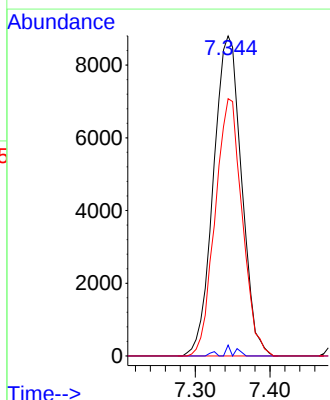
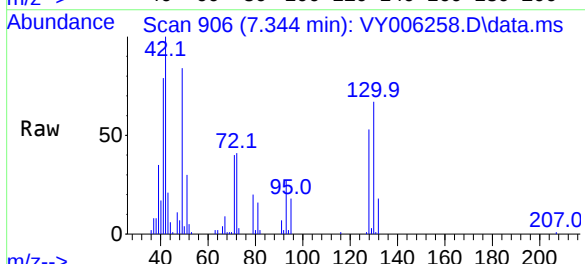
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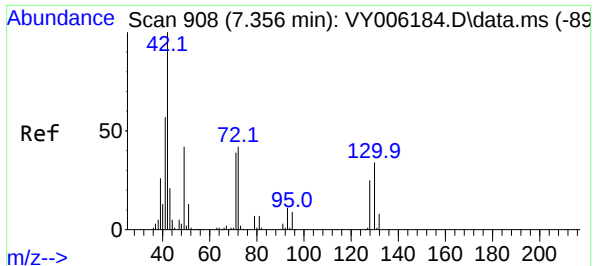
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#28  
Bromochloromethane  
Concen: 18.493 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 23016 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.0   | 0.0   | 2.2   |
| 130      | 77.5  | 55.4  | 83.0  |





#29

Tetrahydrofuran

Concen: 89.504 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY006258.D

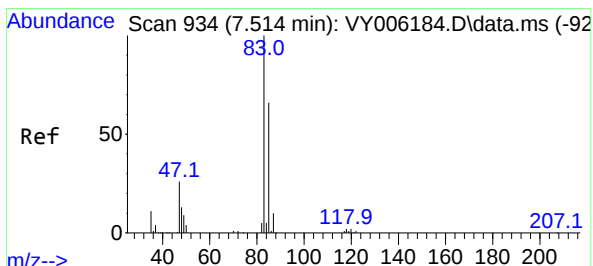
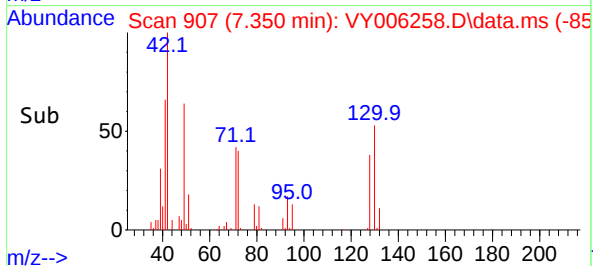
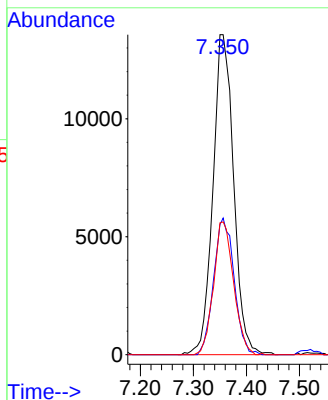
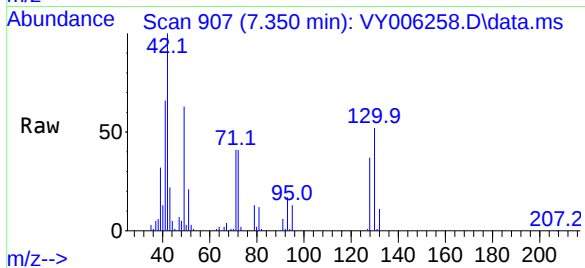
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 36785 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.1  | 30.3  | 45.5  |
| 71       | 40.2  | 29.0  | 43.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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#30

Chloroform

Concen: 20.138 ug/l

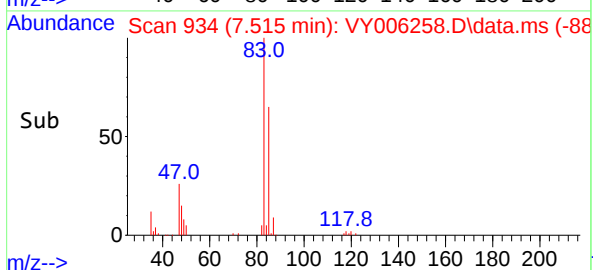
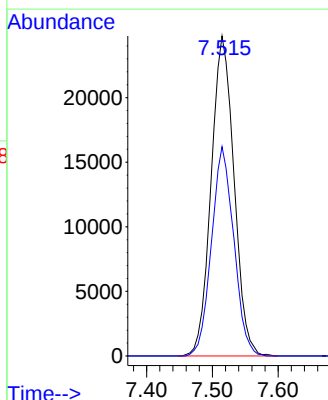
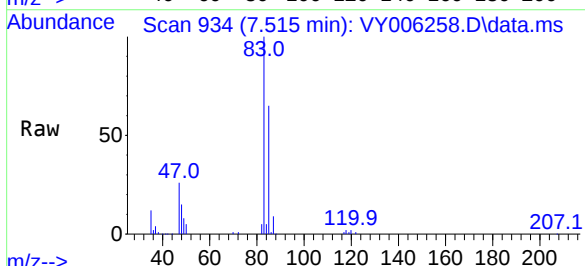
RT: 7.515 min Scan# 934

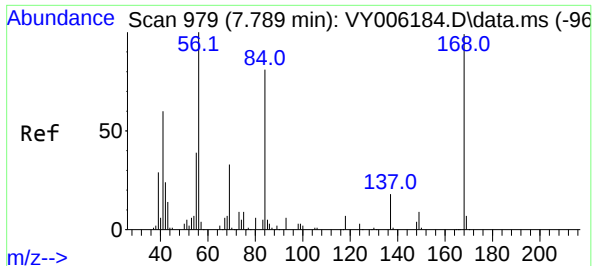
Delta R.T. 0.000 min

Lab File: VY006258.D

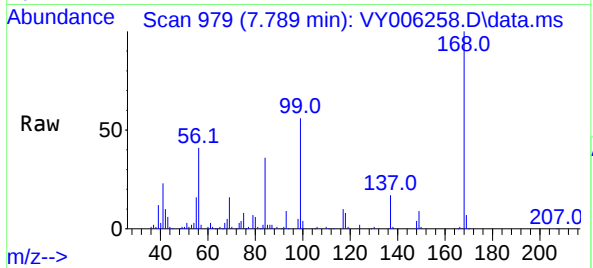
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 60045 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.4  | 51.8  | 77.6  |

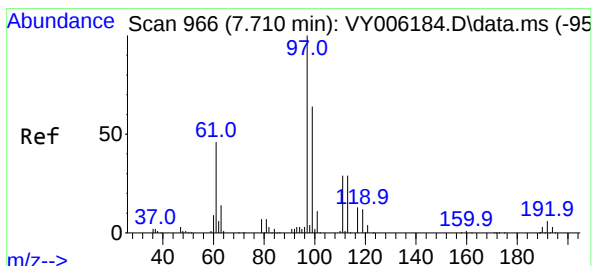
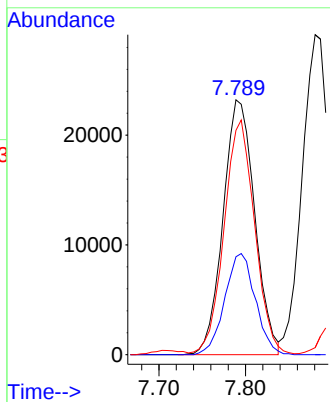
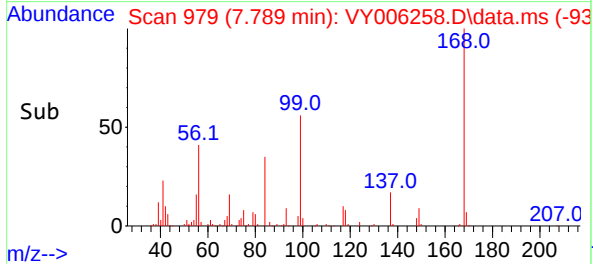




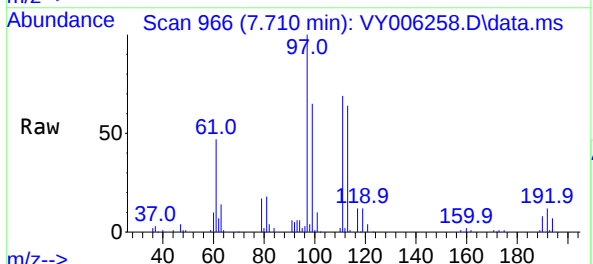
#31  
Cyclohexane  
Concen: 18.594 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



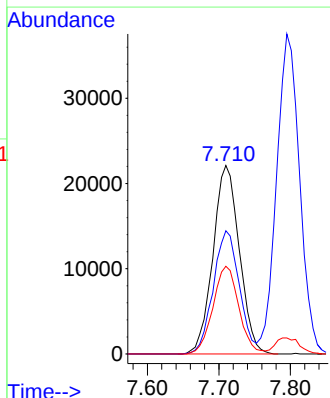
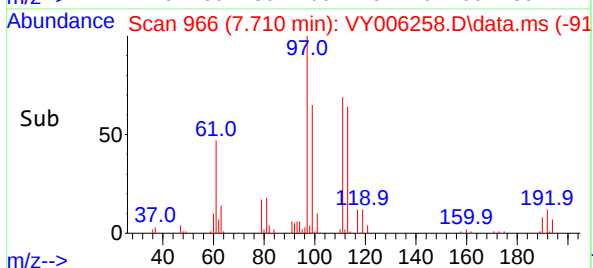
Tgt Ion: 56 Resp: 58913  
Ion Ratio Lower Upper  
56 100  
69 38.4 26.7 40.1  
84 86.8 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 20.557 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



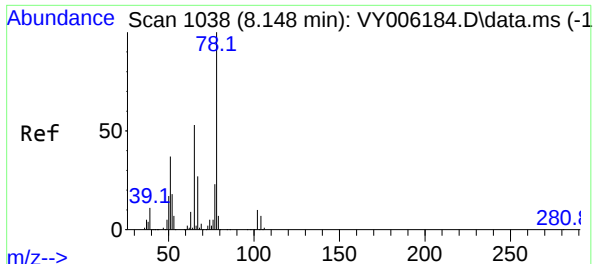
Tgt Ion: 97 Resp: 56598  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.7 76.1  
61 45.7 37.6 56.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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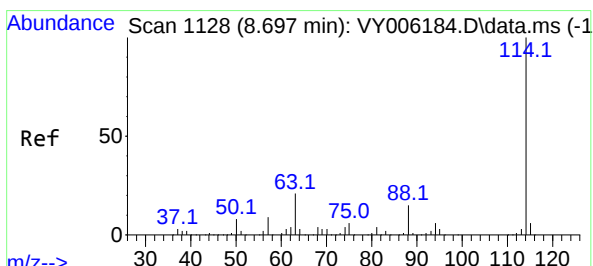
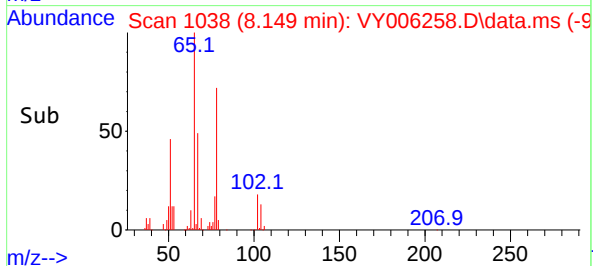
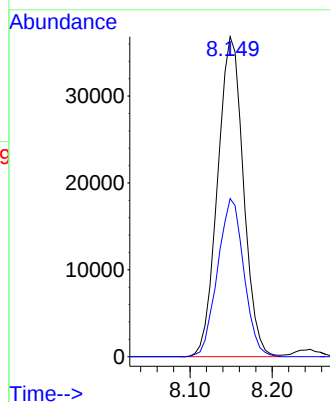
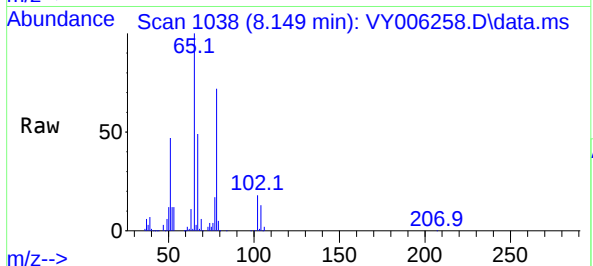
#33  
1,2-Dichloroethane-d4  
Concen: 48.139 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 65 Resp: 80507  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 99.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

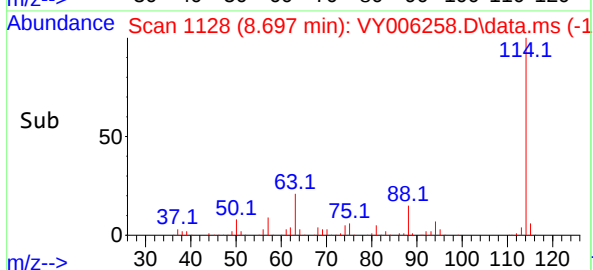
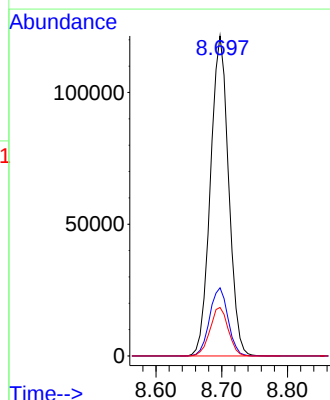
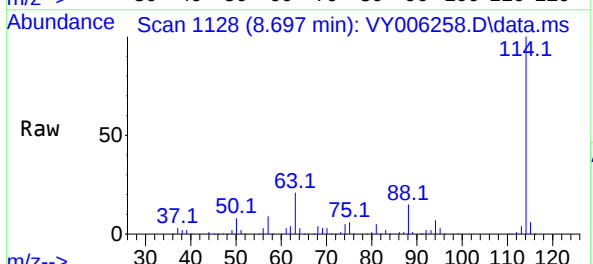
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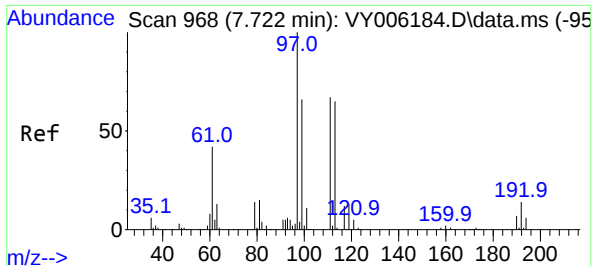
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10/4/2021 5:49:17 PM



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 114 Resp: 233109  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 43.2  
88 15.2 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 47.588 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

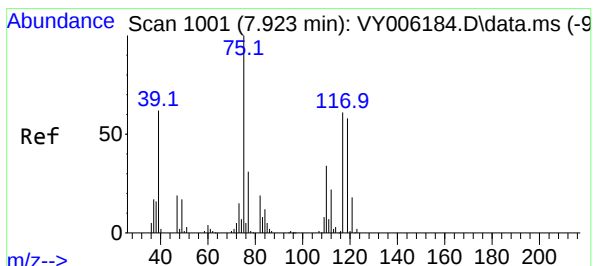
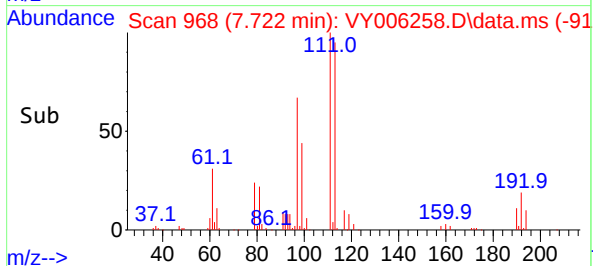
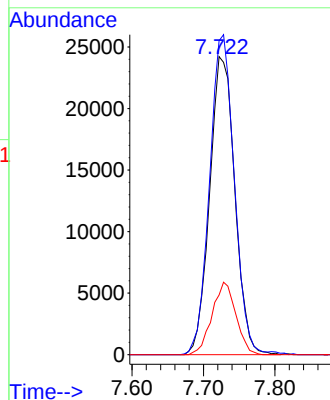
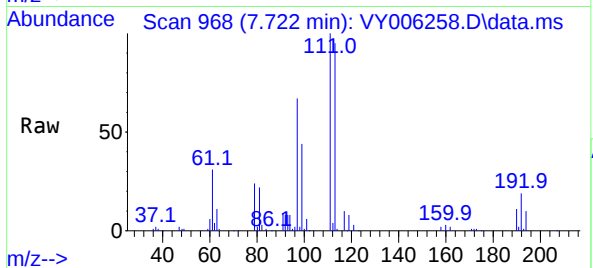
Tgt Ion: 113 Resp: 59267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 105.5 | 82.6  | 124.0 |
| 192 | 23.0  | 17.6  | 26.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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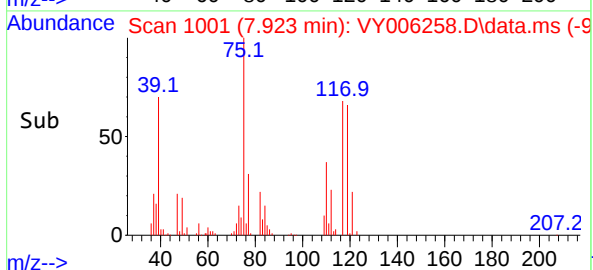
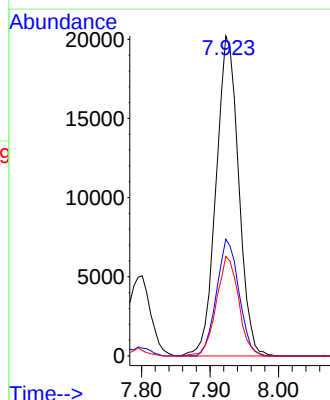
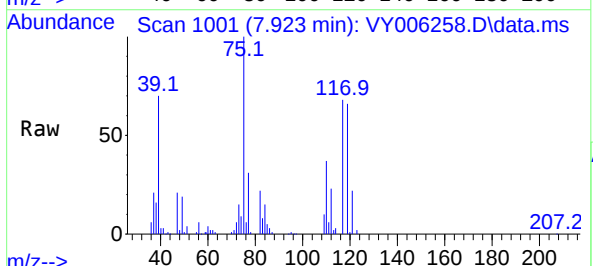
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#36  
1,1-Dichloropropene  
Concen: 19.927 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

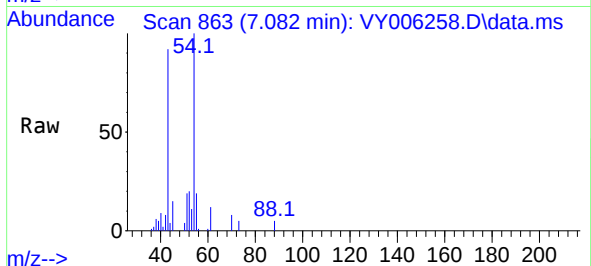
Tgt Ion: 75 Resp: 46217

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 36.1  | 17.1  | 51.2  |
| 77  | 30.5  | 24.4  | 36.6  |

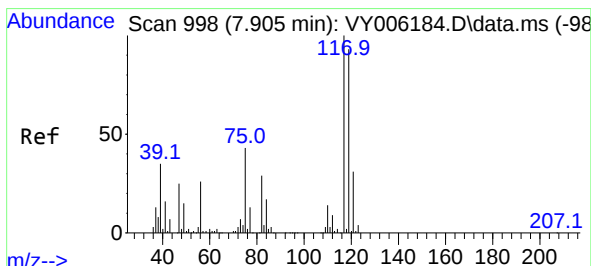
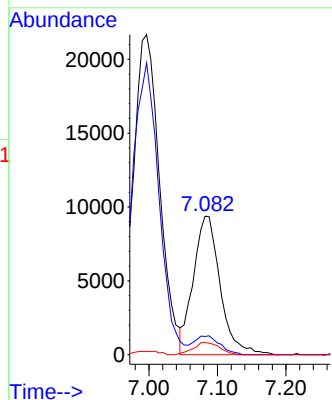
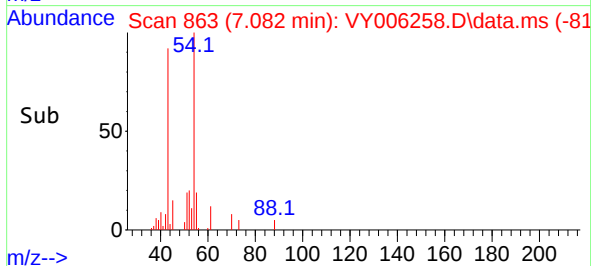




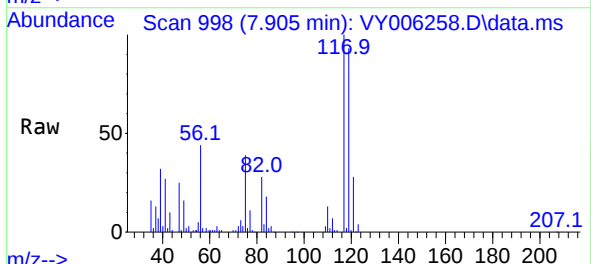
#37  
Ethyl Acetate  
Concen: 18.915 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



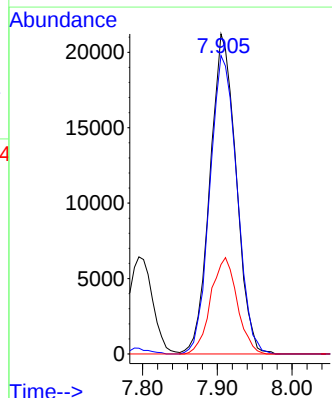
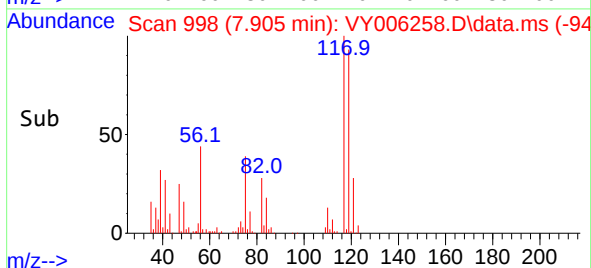
Tgt Ion: 43 Resp: 25557  
Ion Ratio Lower Upper  
43 100  
61 12.9 9.7 14.5  
70 8.6 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 21.064 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion: 117 Resp: 51586  
Ion Ratio Lower Upper  
117 100  
119 93.3 77.9 116.9  
121 27.9 24.8 37.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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10/4/2021 5:49:17 PM



#39  
Methylcyclohexane  
Concen: 19.888 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

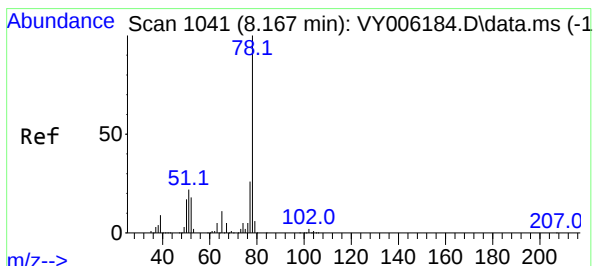
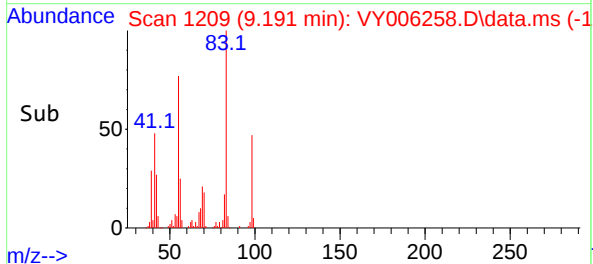
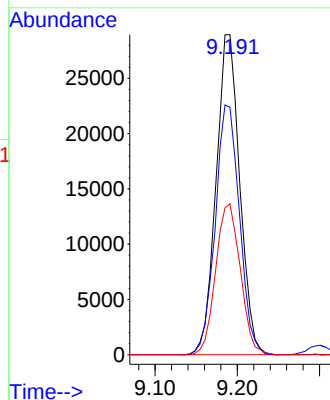
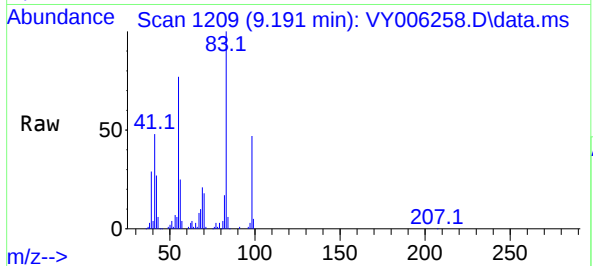
Tgt Ion: 83 Resp: 57938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 77.3  | 66.5  | 99.7  |
| 98  | 47.1  | 37.9  | 56.9  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

Manual Integrations  
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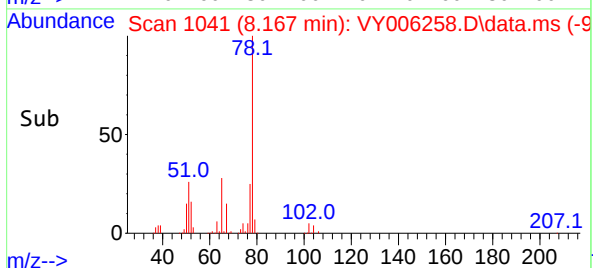
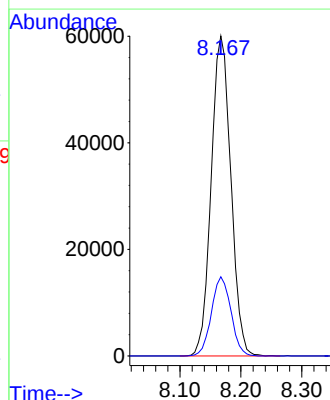
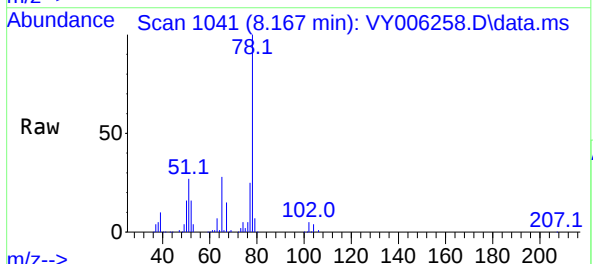
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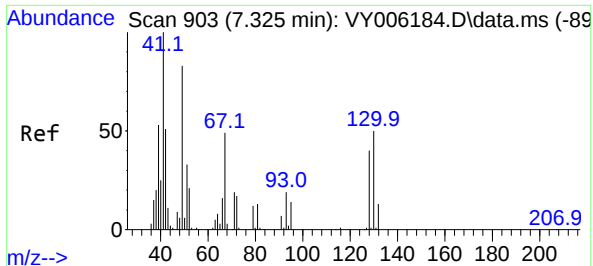


#40  
Benzene  
Concen: 20.462 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

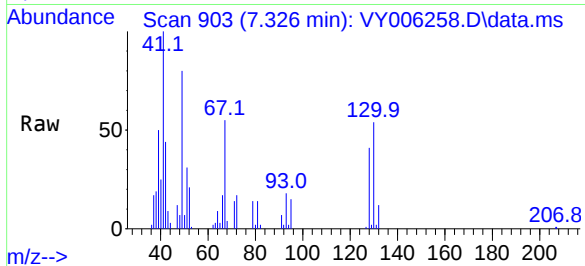
Tgt Ion: 78 Resp: 134639

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.8  | 20.4  | 30.6  |

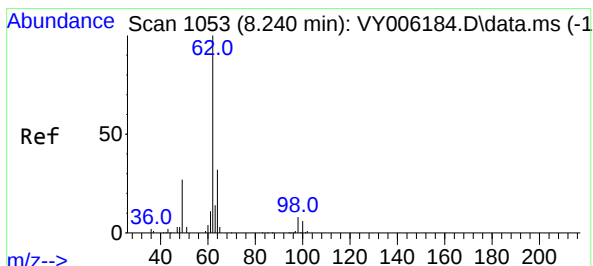
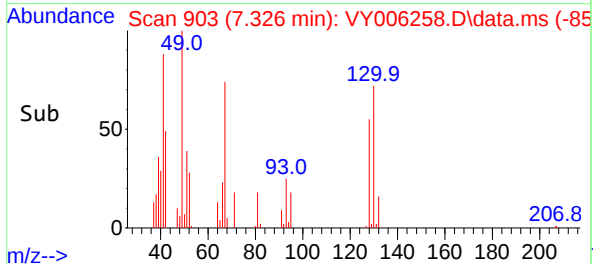
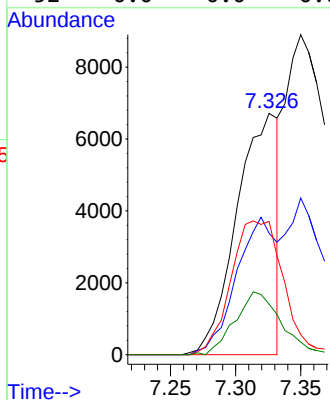




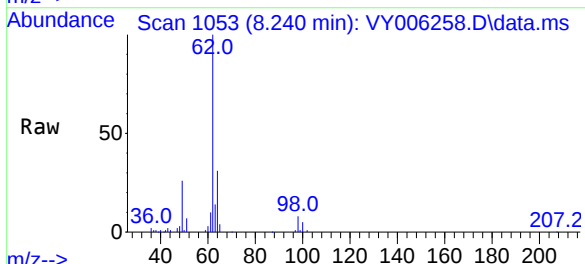
#41  
Methacrylonitrile  
Concen: 17.034 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



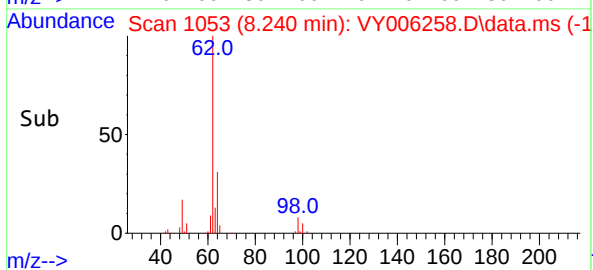
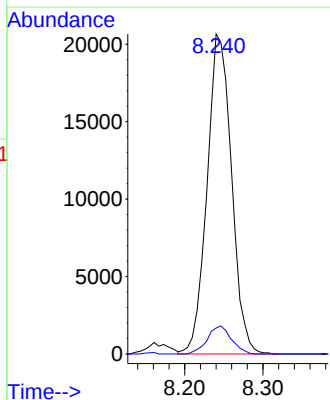
Tgt Ion: 41 Resp: 14929  
Ion Ratio Lower Upper  
41 100  
39 58.1 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 21.151 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



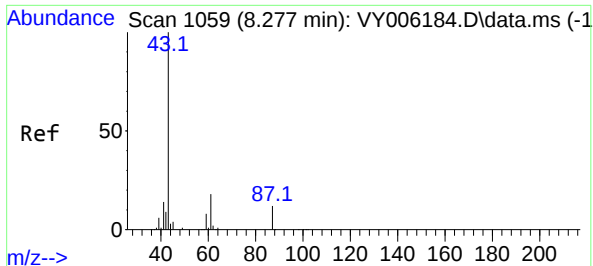
Tgt Ion: 62 Resp: 44843  
Ion Ratio Lower Upper  
62 100  
98 8.6 0.0 14.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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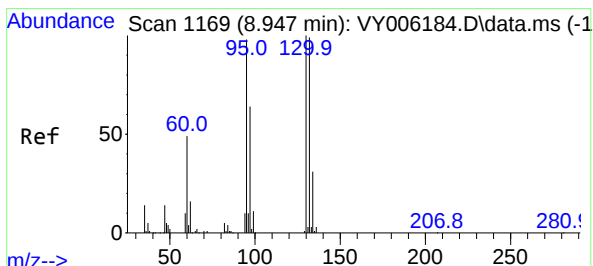
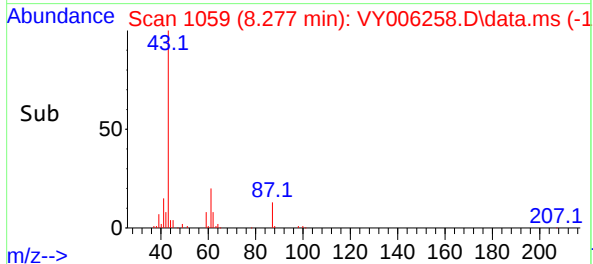
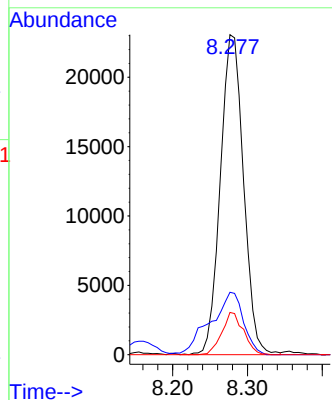
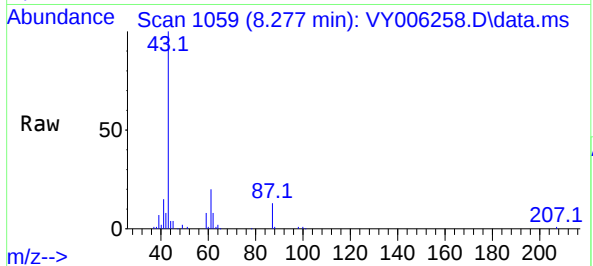
#43  
Isopropyl Acetate  
Concen: 19.215 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 49793 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 27.8  | 20.2  | 30.2  |
| 87       | 12.3  | 8.9   | 13.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

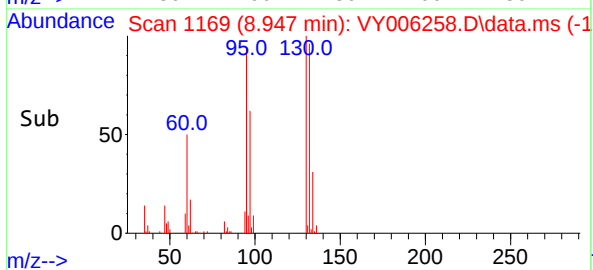
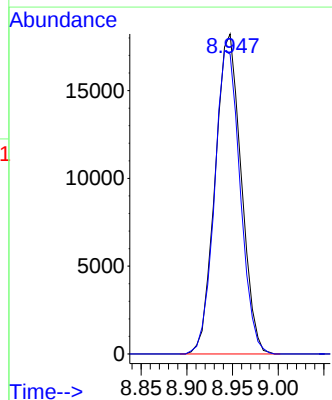
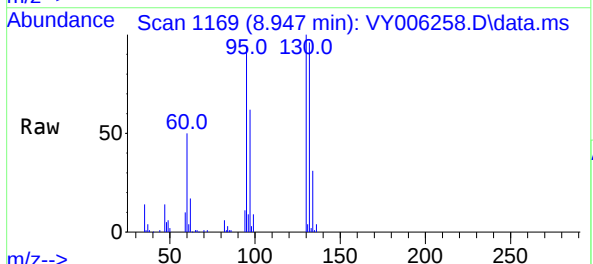
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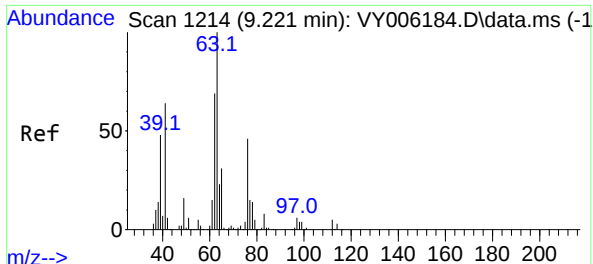
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10/4/2021 5:49:17 PM



#44  
Trichloroethene  
Concen: 21.246 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 36107 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.7  | 0.0   | 188.2 |





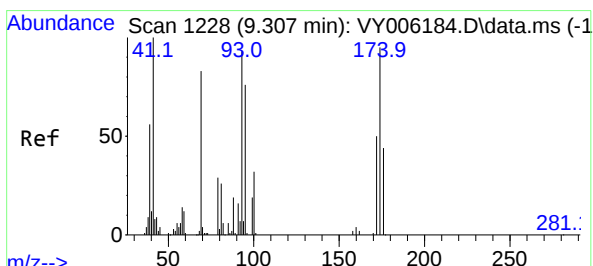
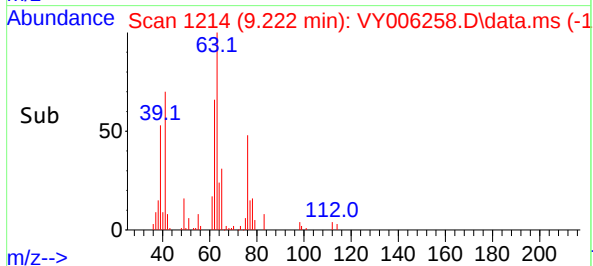
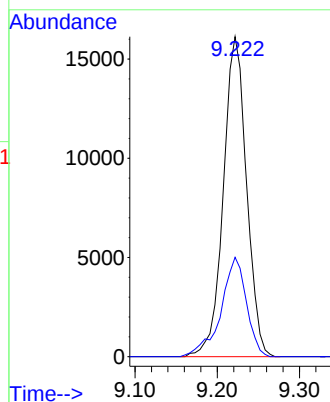
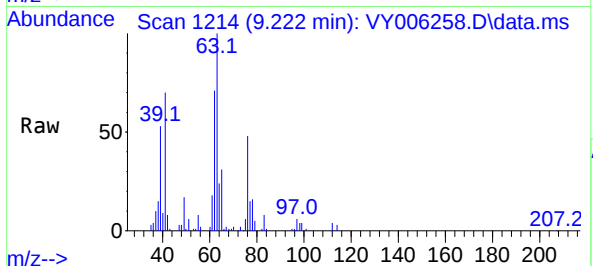
#45  
1,2-Dichloropropane  
Concen: 19.526 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 63 Resp: 31630  
Ion Ratio Lower Upper  
63 100  
65 31.1 23.0 34.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

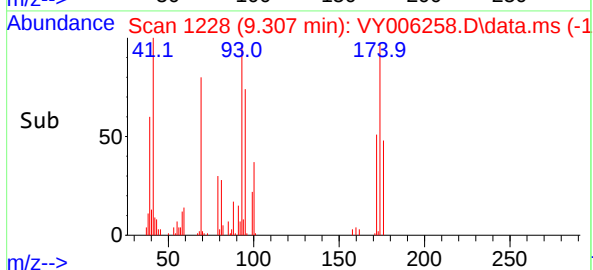
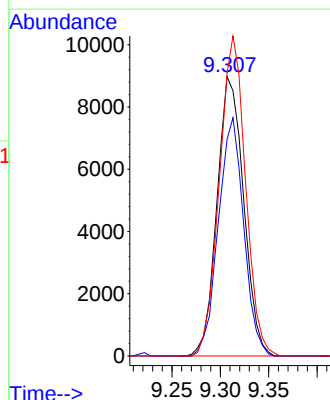
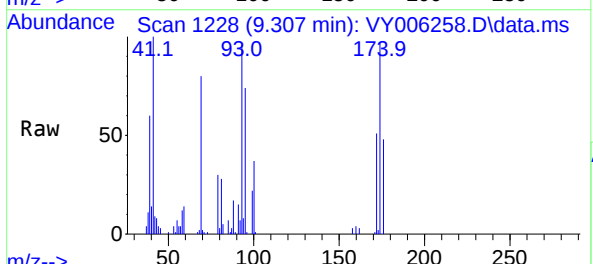
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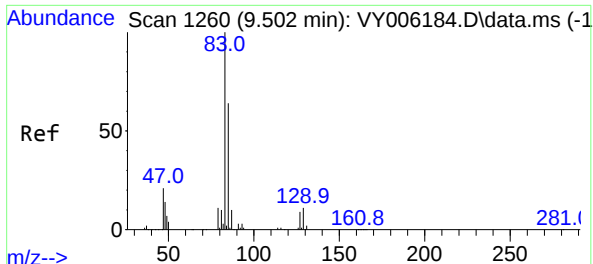
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10/4/2021 5:49:17 PM



#46  
Dibromomethane  
Concen: 19.886 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 93 Resp: 17153  
Ion Ratio Lower Upper  
93 100  
95 81.2 64.3 96.5  
174 112.1 83.4 125.0





#47  
Bromodichloromethane  
Concen: 20.574 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

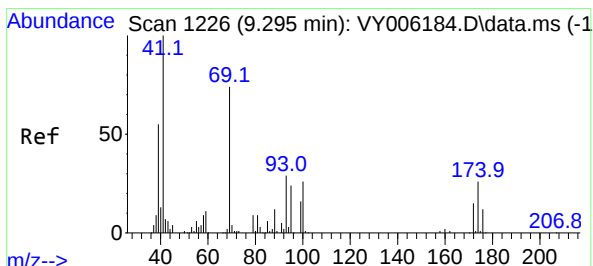
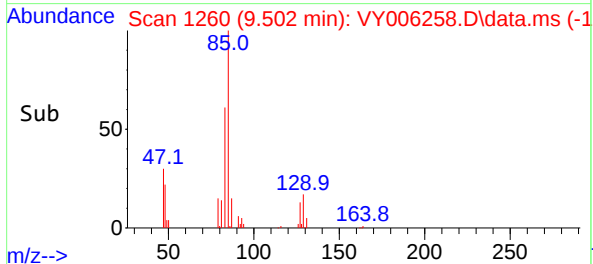
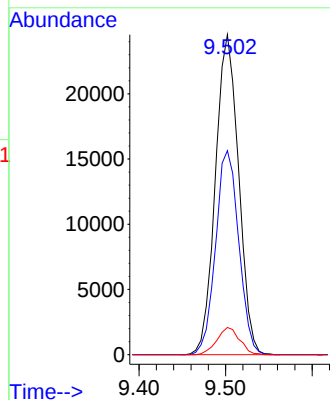
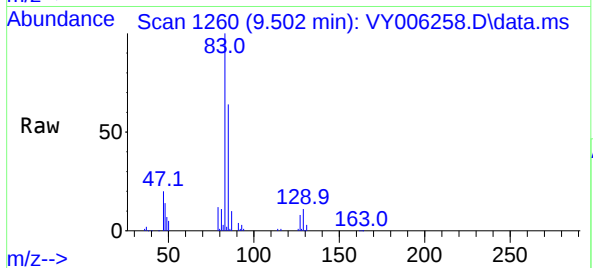
Tgt Ion: 83 Resp: 45695

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.7  | 51.9  | 77.9  |
| 127 | 8.5   | 6.6   | 10.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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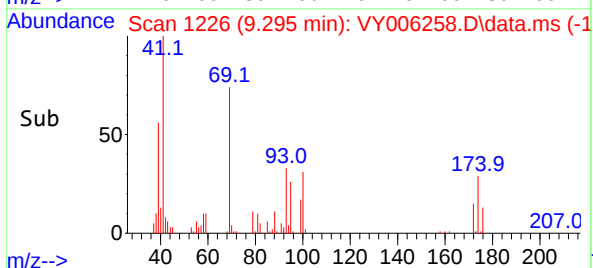
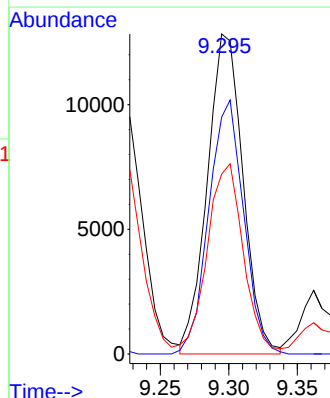
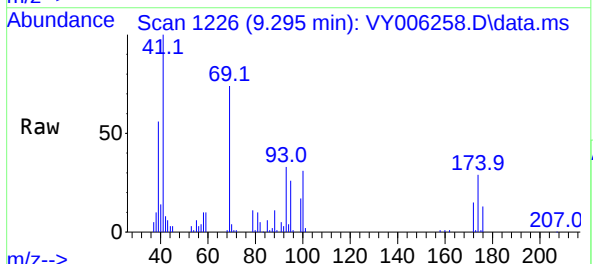
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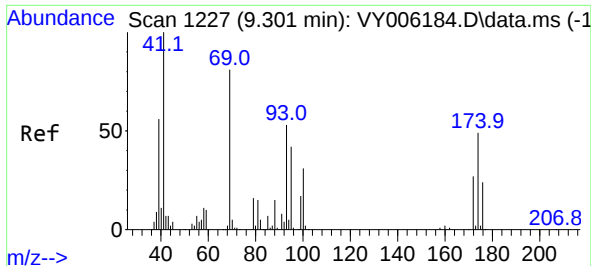


#48  
Methyl methacrylate  
Concen: 18.708 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

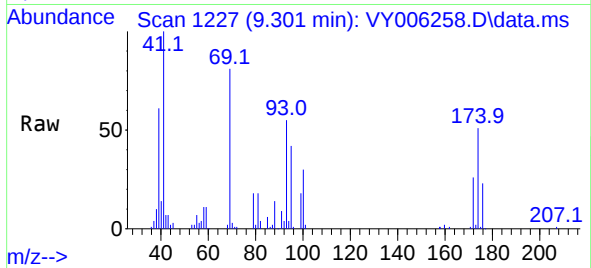
Tgt Ion: 41 Resp: 23258

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 77.5  | 58.2  | 87.2  |
| 39  | 57.0  | 47.4  | 71.0  |

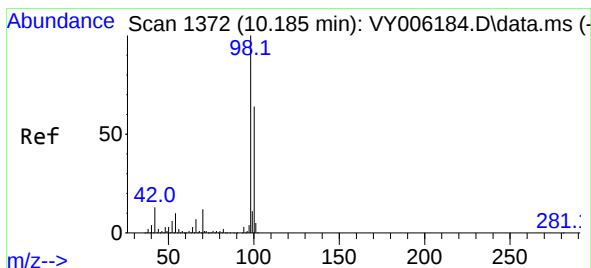
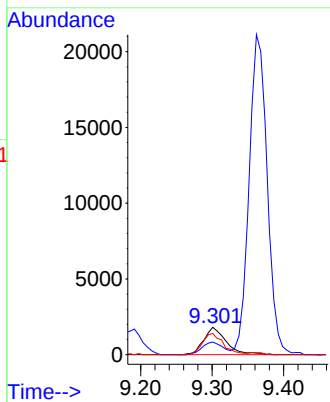
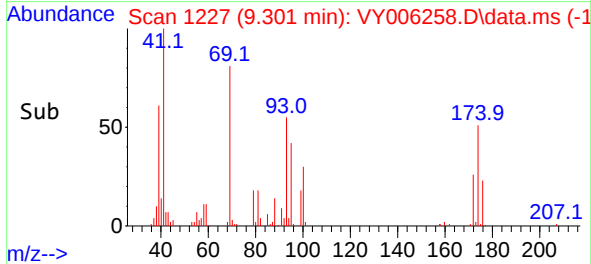




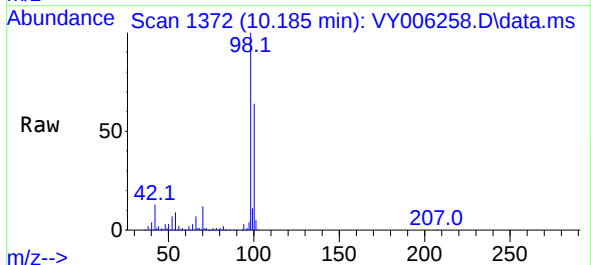
#49  
1,4-Dioxane  
Concen: 348.947 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



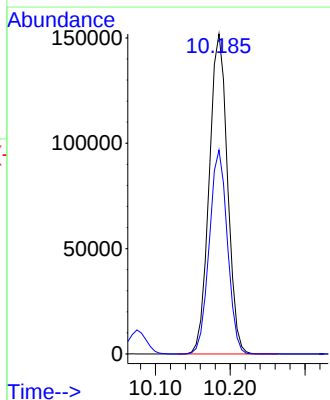
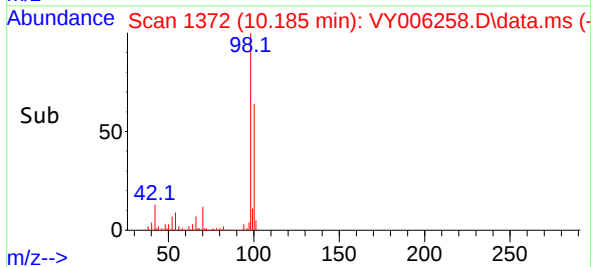
Tgt Ion: 88 Resp: 3927  
Ion Ratio Lower Upper  
88 100  
43 43.1 32.8 49.2  
58 72.8 59.8 89.6



#50  
Toluene-d8  
Concen: 49.605 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



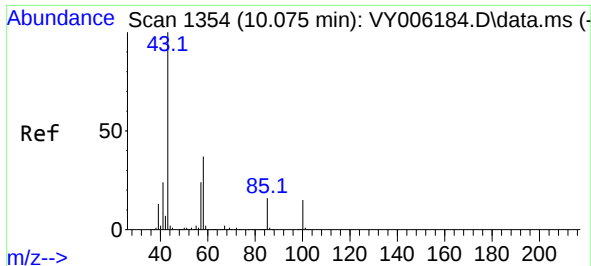
Tgt Ion: 98 Resp: 258556  
Ion Ratio Lower Upper  
98 100  
100 62.9 50.2 75.2



Instrument :  
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ClientSampleId :  
VY1001SBSD01

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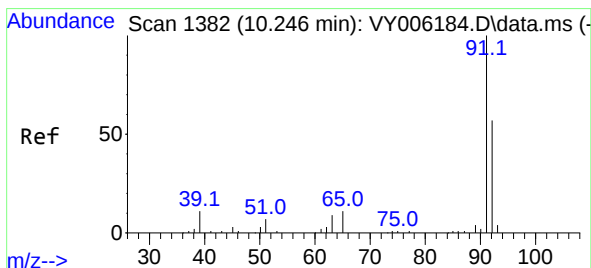
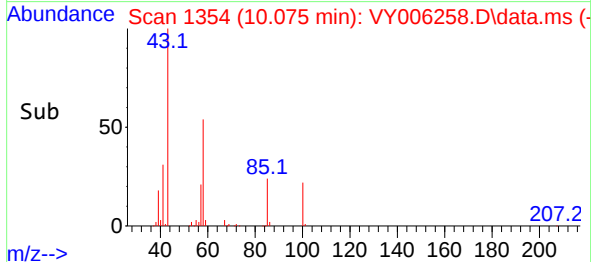
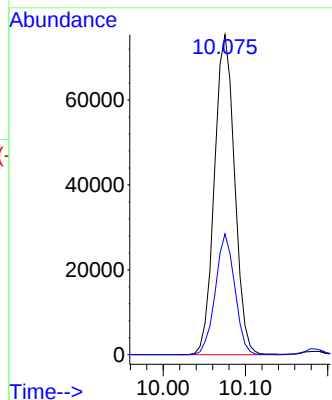
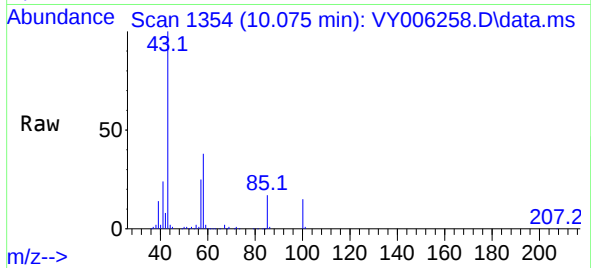
#51  
4-Methyl-2-Pentanone  
Concen: 95.639 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 43 Resp: 128688  
Ion Ratio Lower Upper  
43 100  
58 36.3 28.1 42.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

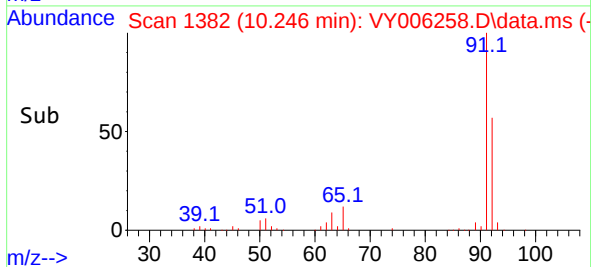
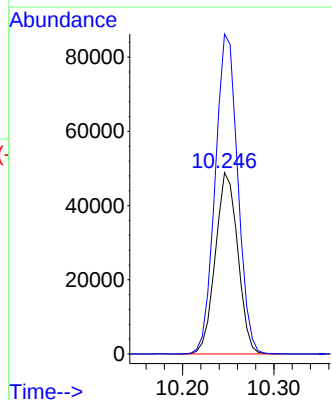
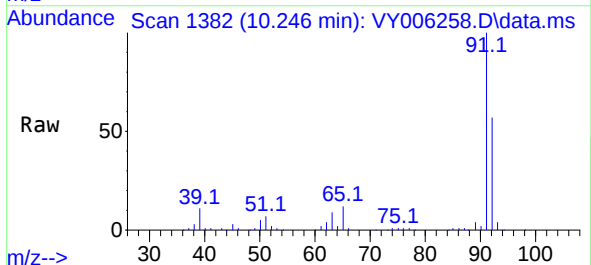
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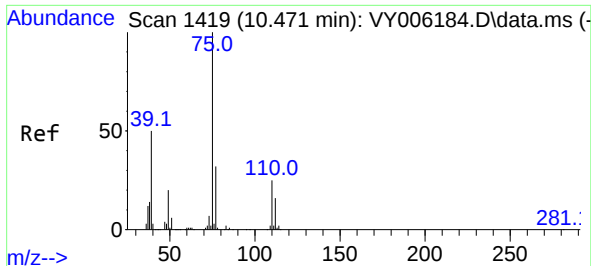
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#52  
Toluene  
Concen: 20.433 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 92 Resp: 83394  
Ion Ratio Lower Upper  
92 100  
91 177.8 142.6 213.8





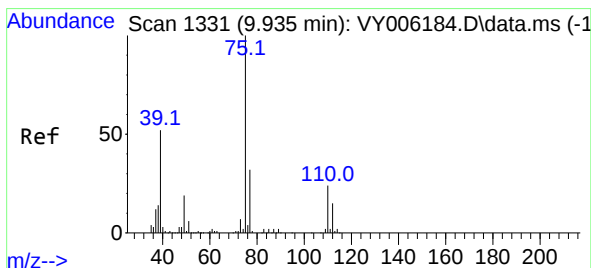
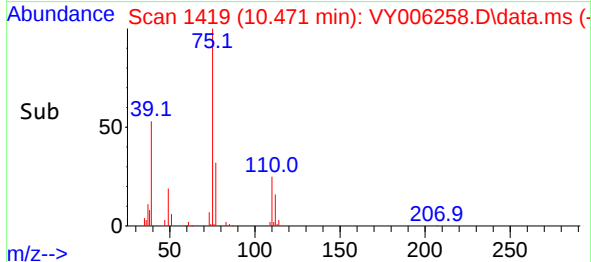
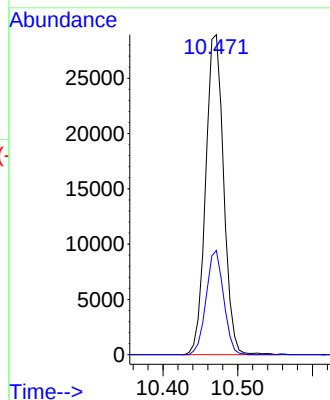
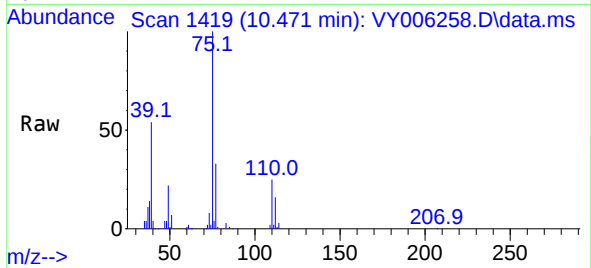
#53  
t-1,3-Dichloropropene  
Concen: 19.970 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 75 Resp: 48359  
Ion Ratio Lower Upper  
75 100  
77 32.6 25.4 38.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

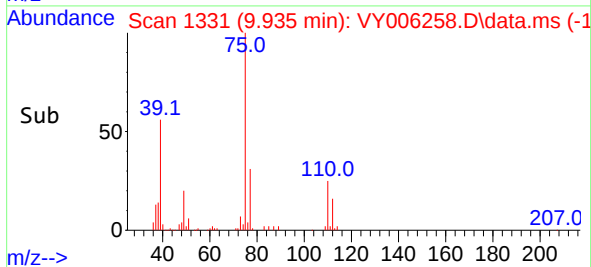
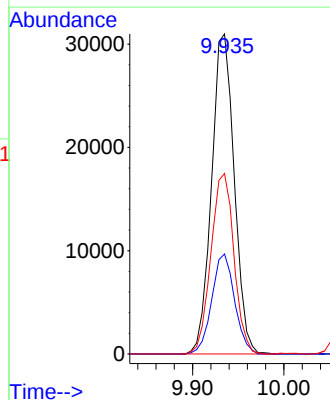
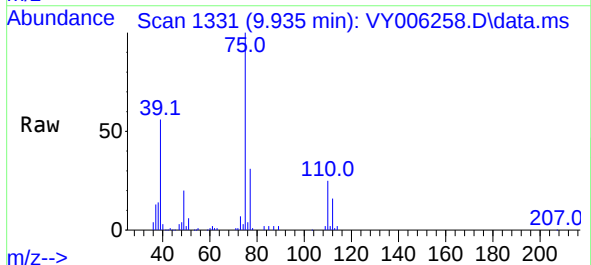
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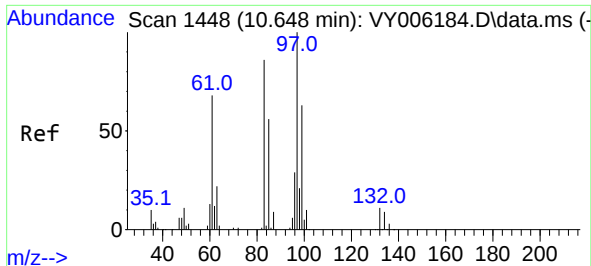
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#54  
cis-1,3-Dichloropropene  
Concen: 20.037 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

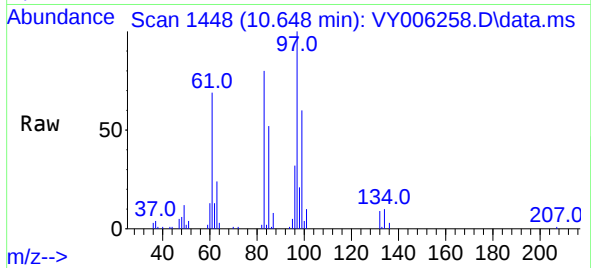
Tgt Ion: 75 Resp: 53341  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.6 38.4  
39 56.4 47.6 71.4





#55  
1,1,2-Trichloroethane  
Concen: 20.452 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

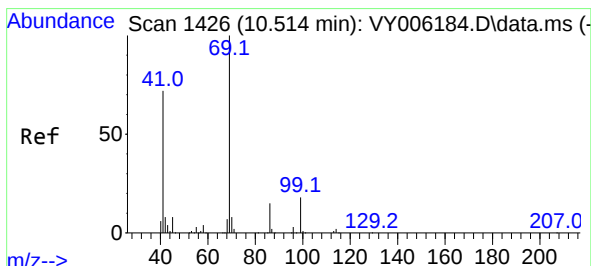
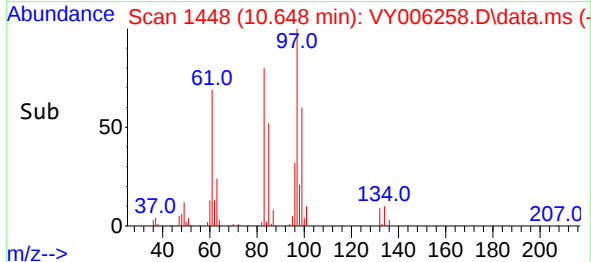
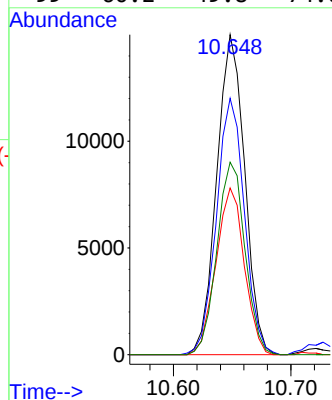
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



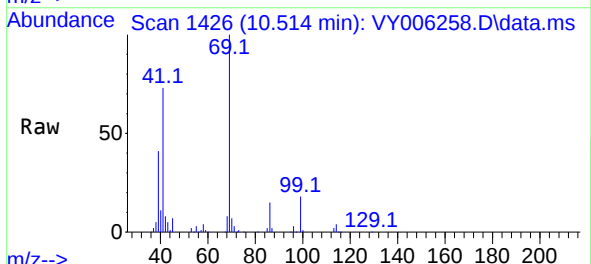
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 24823 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.1  | 69.8  | 104.8 |
| 85       | 52.1  | 44.3  | 66.5  |
| 99       | 60.2  | 49.8  | 74.6  |

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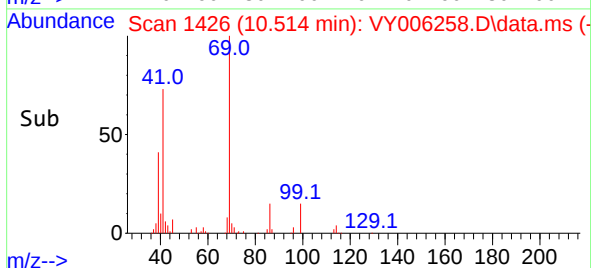
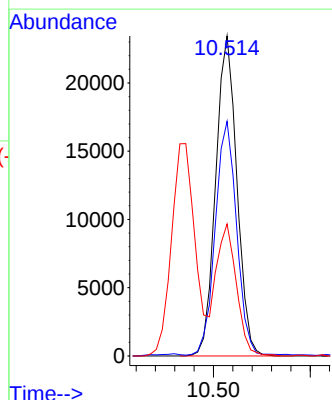
MMDadoda  
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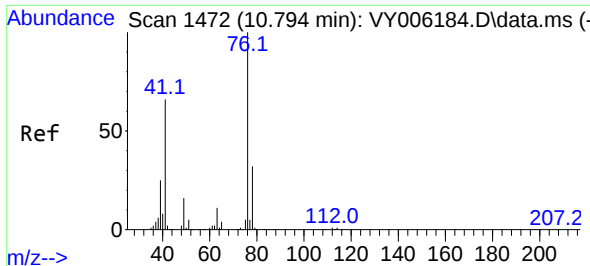


#56  
Ethyl methacrylate  
Concen: 19.283 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

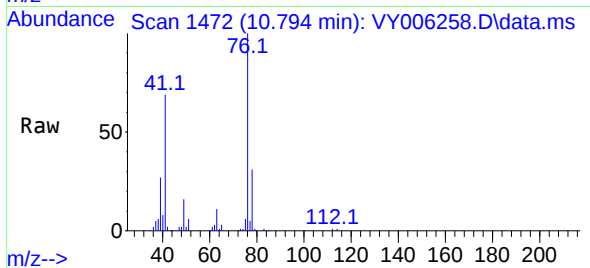


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 35573 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.9  | 63.4  | 95.0  |
| 39       | 38.7  | 35.8  | 53.8  |

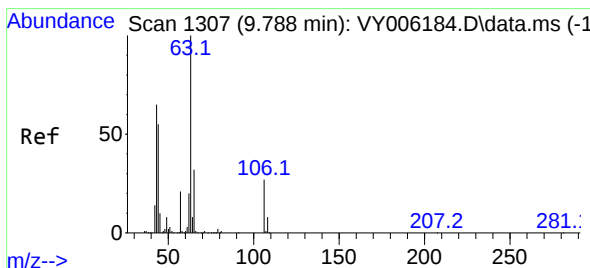
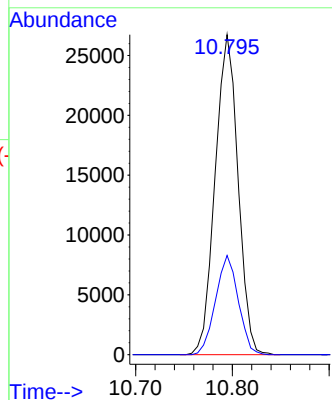
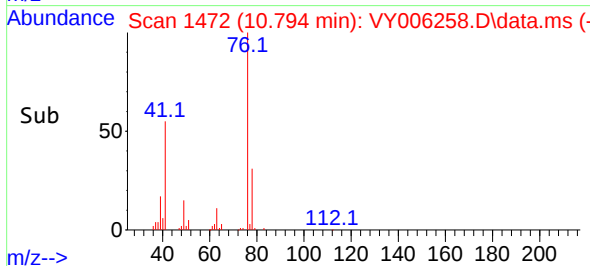




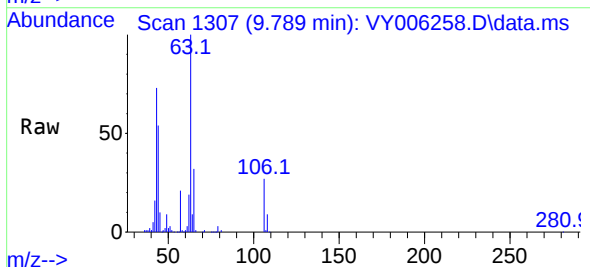
#57  
1,3-Dichloropropane  
Concen: 19.991 ug/l  
RT: 10.794 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



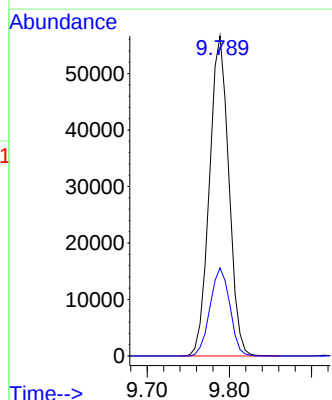
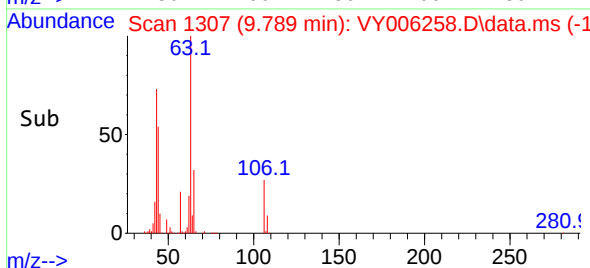
Tgt Ion: 76 Resp: 43904  
Ion Ratio Lower Upper  
76 100  
78 30.7 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 102.558 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



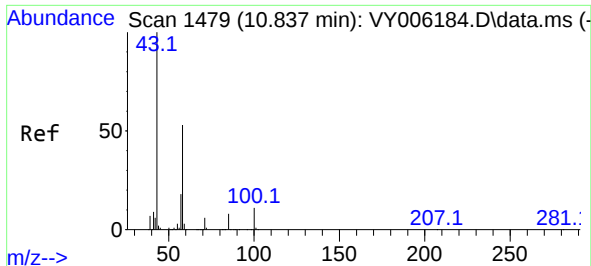
Tgt Ion: 63 Resp: 92702  
Ion Ratio Lower Upper  
63 100  
106 28.0 21.5 32.3



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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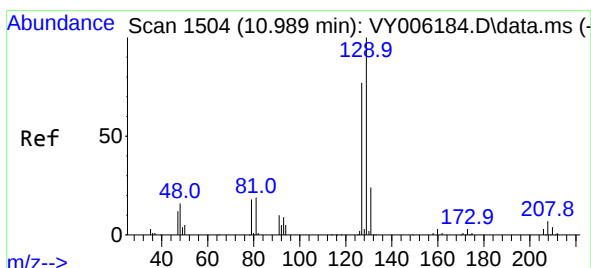
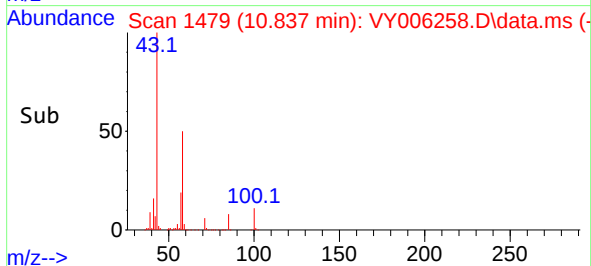
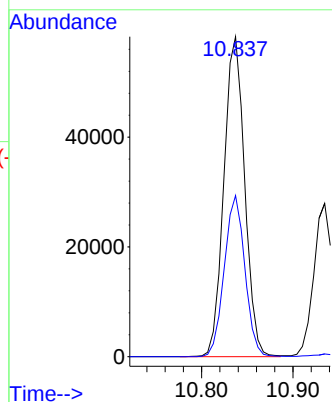
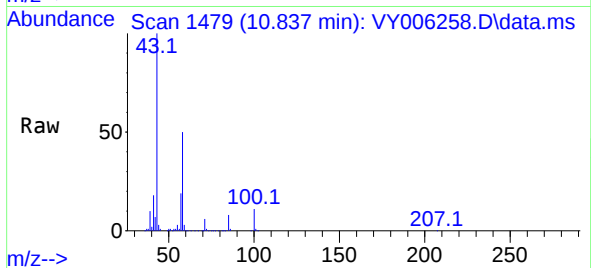
#59  
2-Hexanone  
Concen: 96.207 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 43 Resp: 92199  
Ion Ratio Lower Upper  
43 100  
58 49.9 24.4 73.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

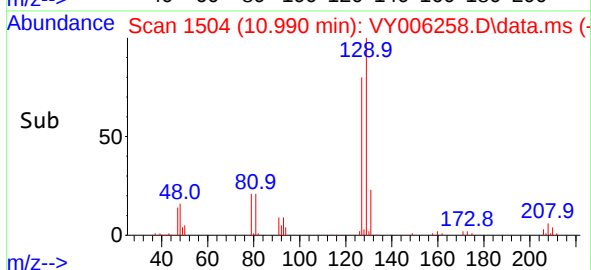
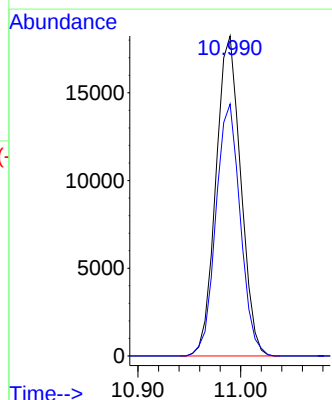
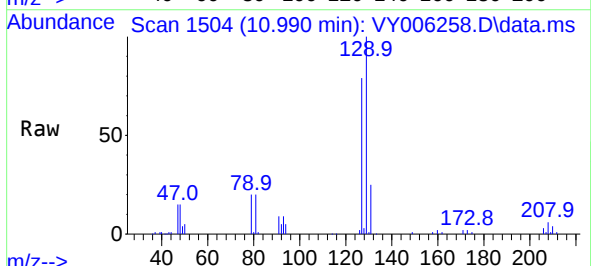
Manual Integrations  
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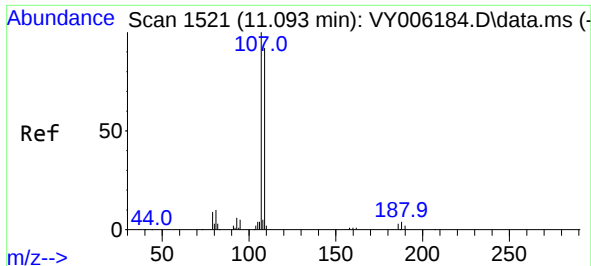
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#60  
Dibromochloromethane  
Concen: 20.754 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 129 Resp: 30603  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.7 116.1





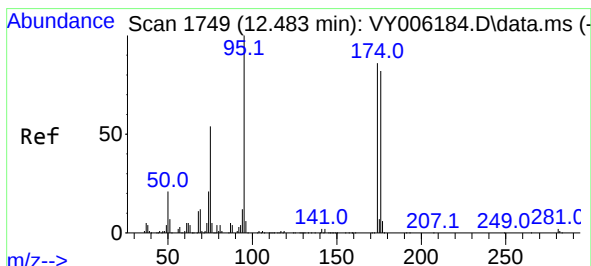
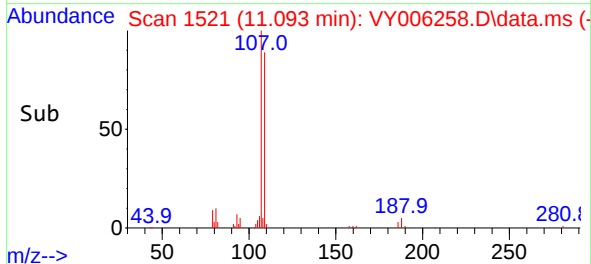
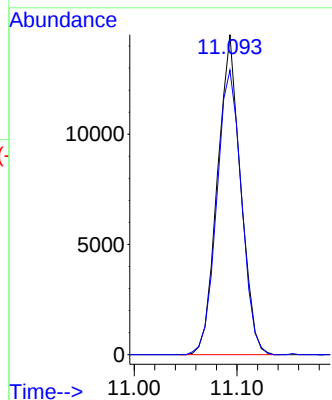
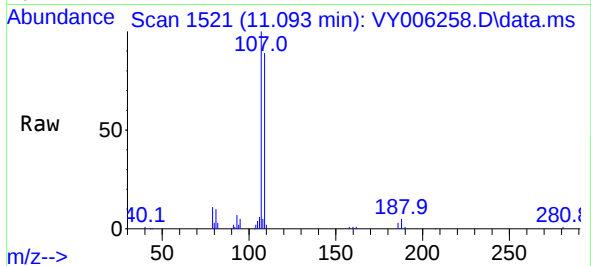
#61  
1,2-Dibromoethane  
Concen: 19.703 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 107 Resp: 22642  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.4 113.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

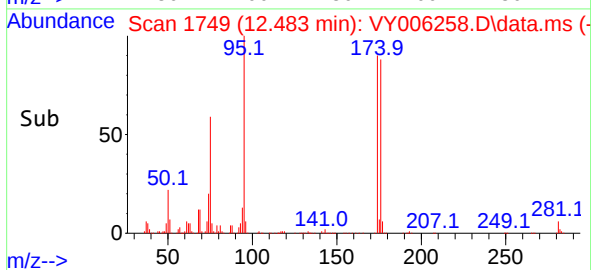
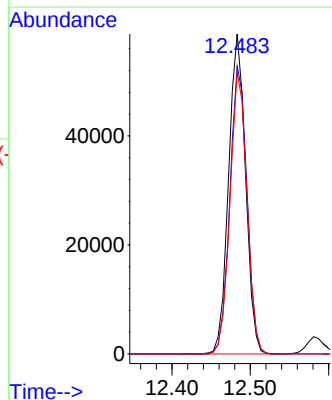
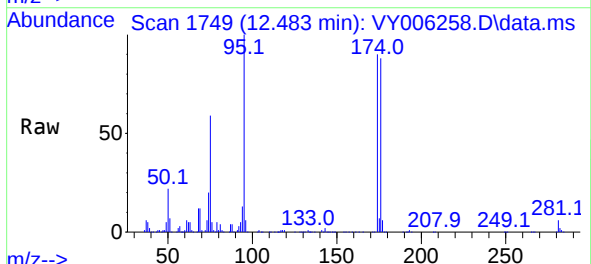
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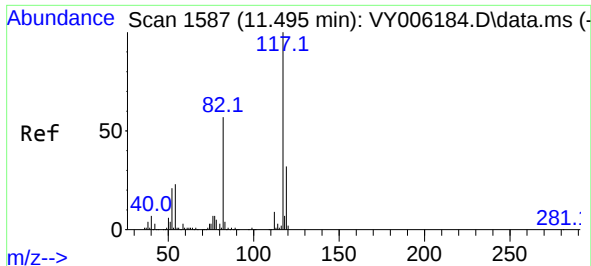
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#62  
4-Bromofluorobenzene  
Concen: 49.792 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

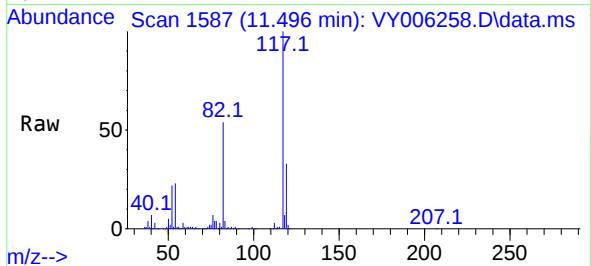
Tgt Ion: 95 Resp: 88166  
Ion Ratio Lower Upper  
95 100  
174 91.0 0.0 177.0  
176 88.0 0.0 175.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

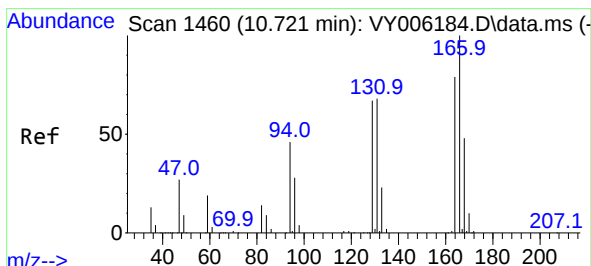
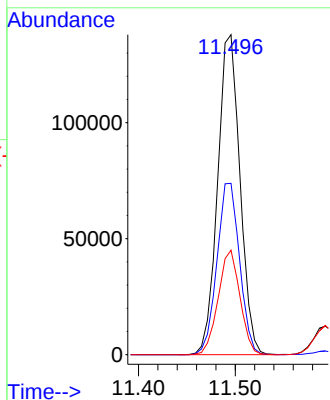
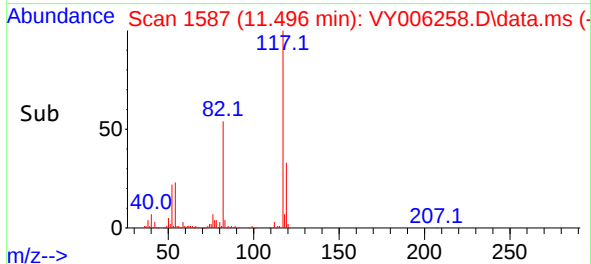
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



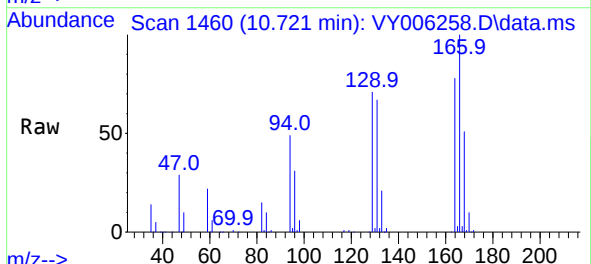
Tgt Ion:117 Resp: 220997  
Ion Ratio Lower Upper  
117 100  
82 53.6 43.0 64.4  
119 32.7 25.4 38.0

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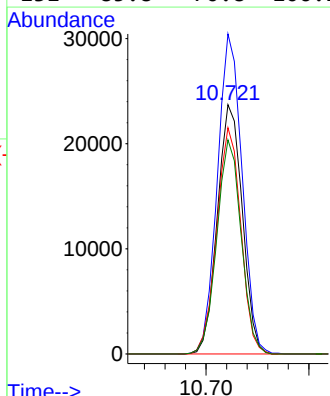
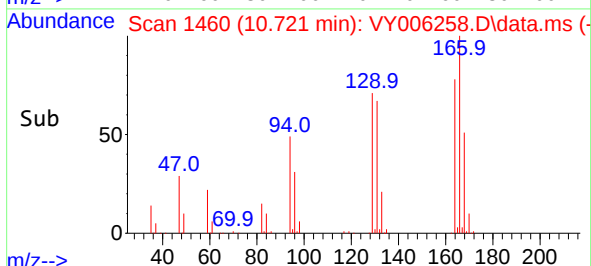
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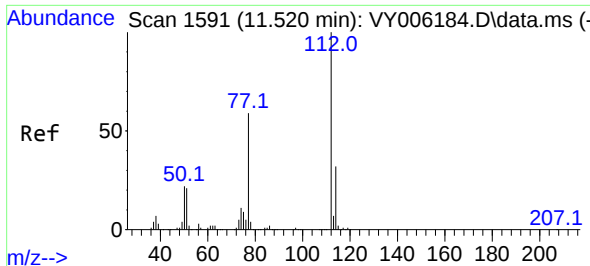


#64  
Tetrachloroethene  
Concen: 22.437 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



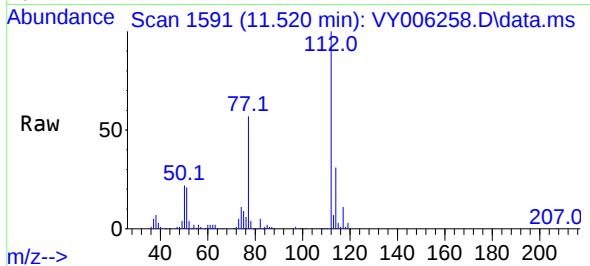
Tgt Ion:164 Resp: 39933  
Ion Ratio Lower Upper  
164 100  
166 128.3 100.4 150.6  
129 90.8 71.4 107.0  
131 85.8 70.8 106.2





#65  
Chlorobenzene  
Concen: 20.119 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

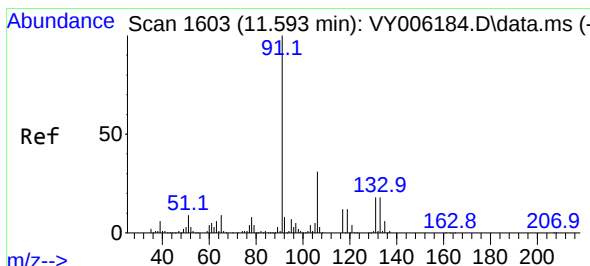
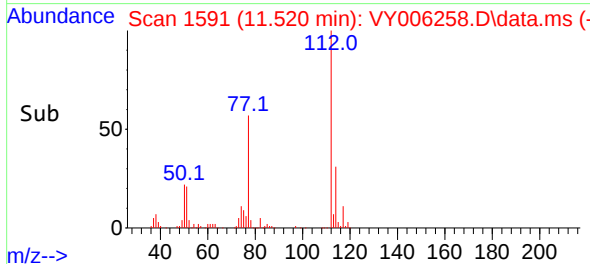
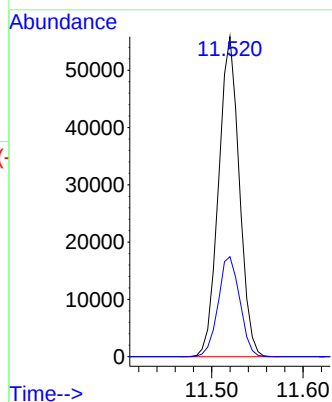
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



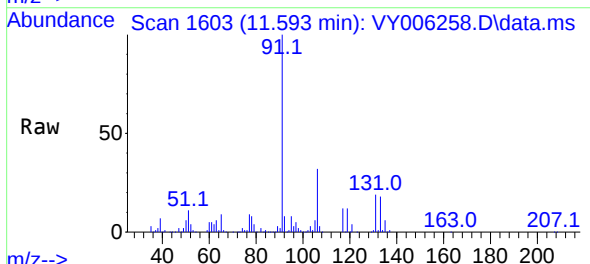
Tgt Ion:112 Resp: 88094  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.8 38.6

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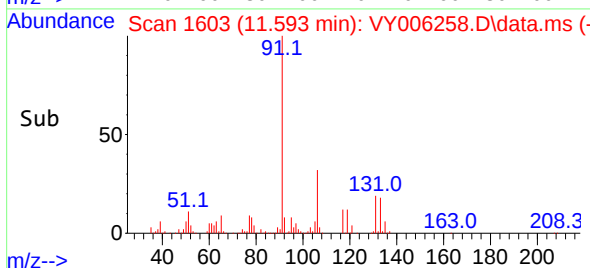
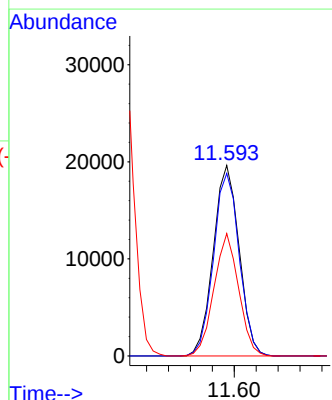
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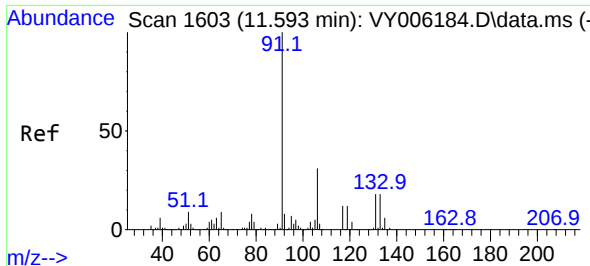


#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.933 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion:131 Resp: 32166  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.9 143.6  
119 61.4 30.8 92.3





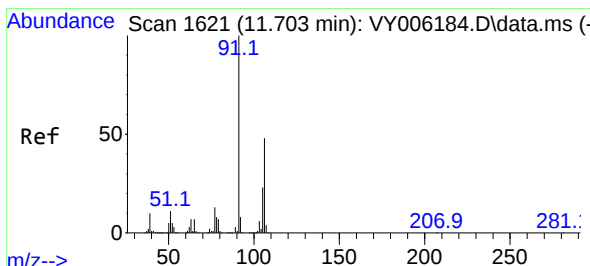
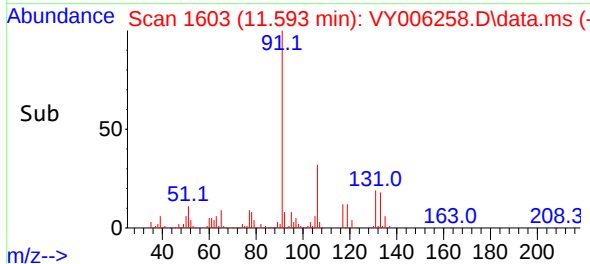
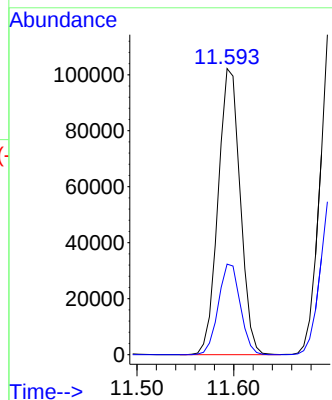
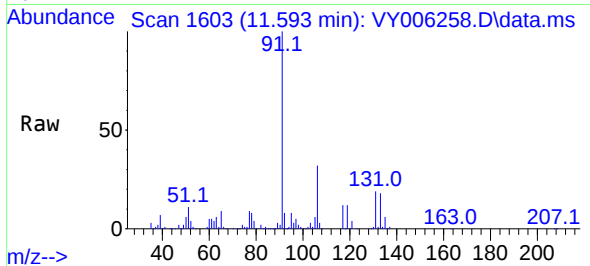
#67  
Ethyl Benzene  
Concen: 19.658 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 91 Resp: 162253  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

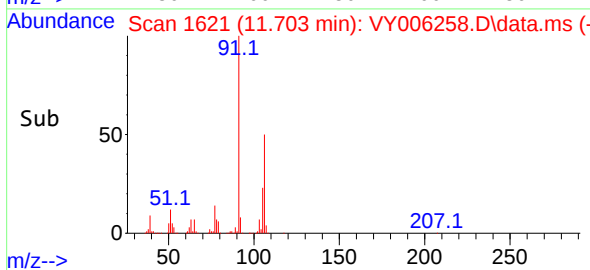
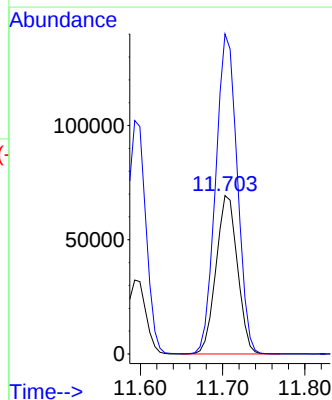
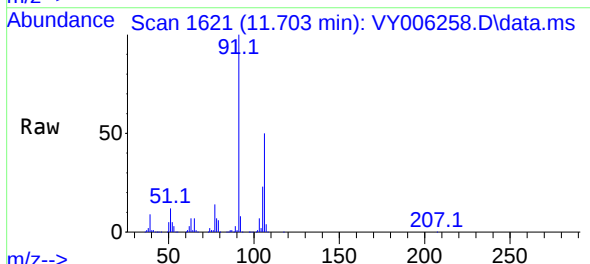
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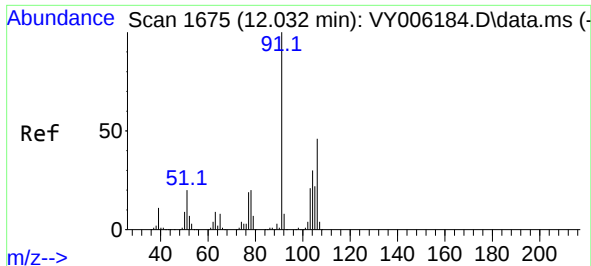
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#68  
m/p-Xylenes  
Concen: 40.152 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 106 Resp: 125762  
Ion Ratio Lower Upper  
106 100  
91 203.5 166.6 249.8





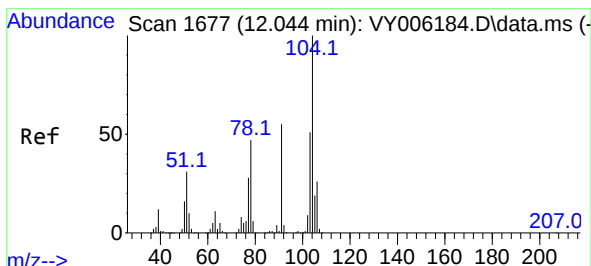
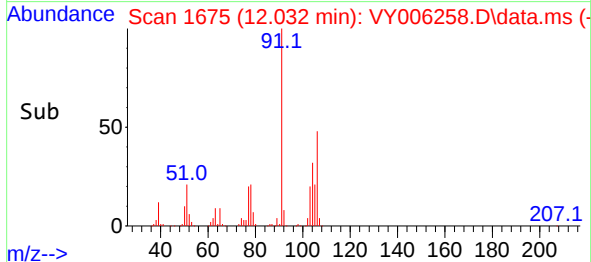
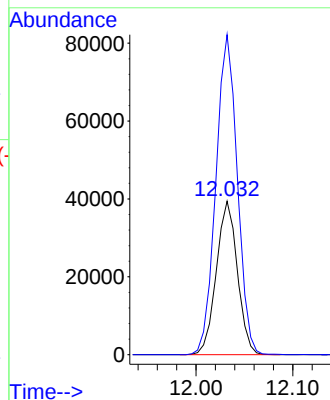
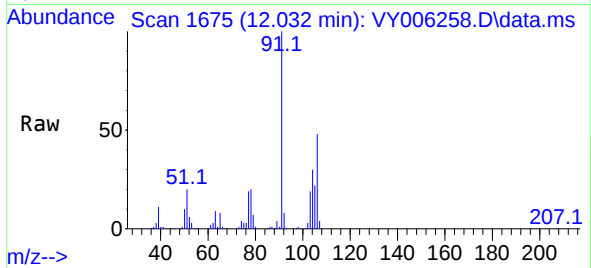
#69  
o-Xylene  
Concen: 20.112 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion:106 Resp: 59494  
Ion Ratio Lower Upper  
106 100  
91 212.7 110.3 331.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

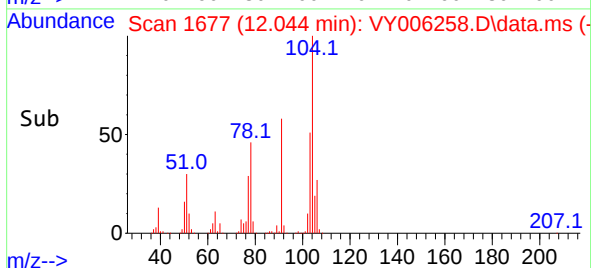
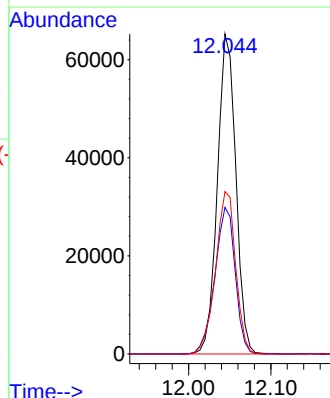
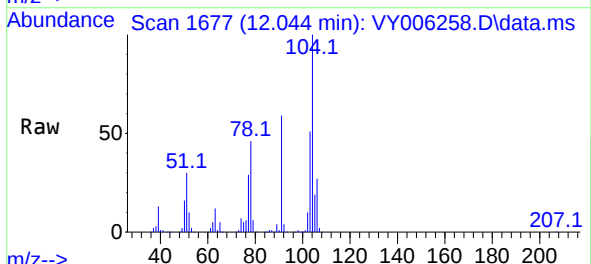
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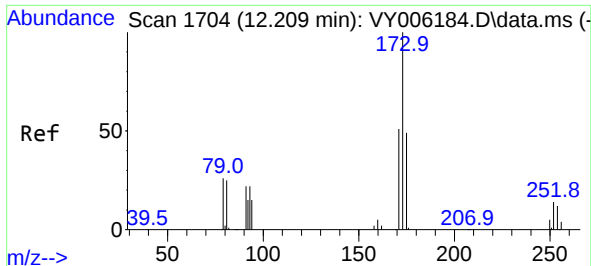
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#70  
Styrene  
Concen: 20.273 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion:104 Resp: 101842  
Ion Ratio Lower Upper  
104 100  
78 50.6 42.4 63.6  
103 55.2 44.4 66.6





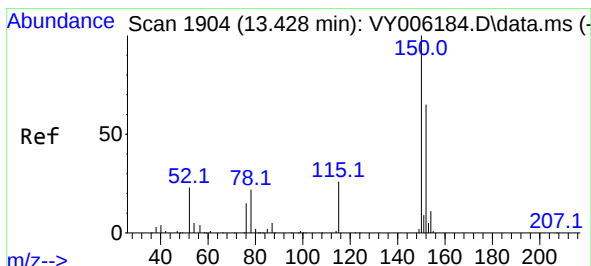
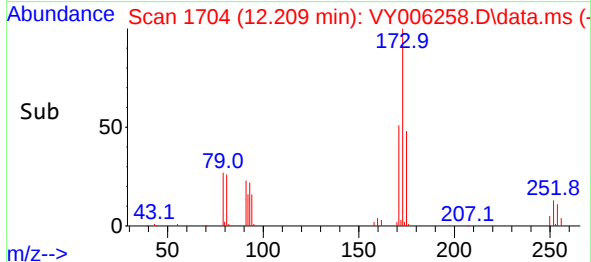
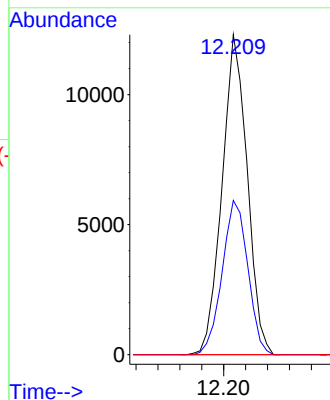
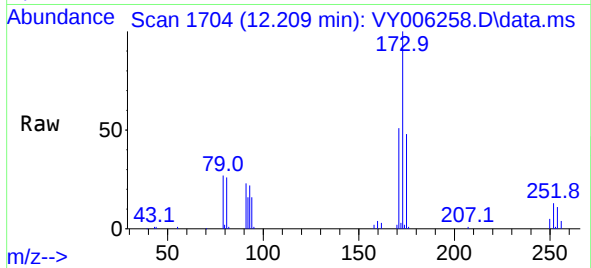
#71  
Bromoform  
Concen: 19.516 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion:173 Resp: 19585  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.6 74.0  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

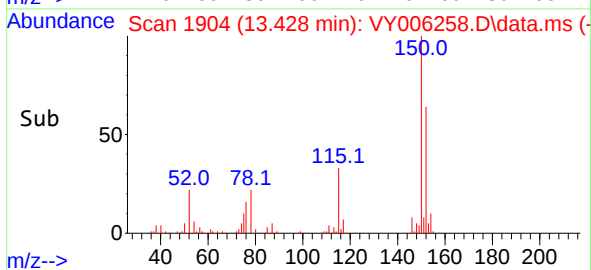
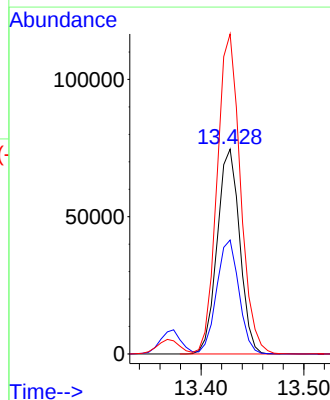
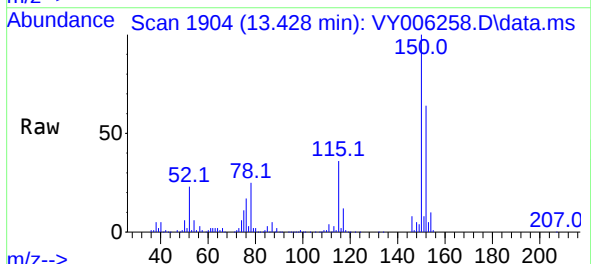
Manual Integrations  
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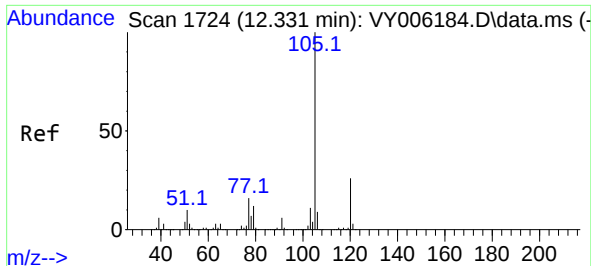
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10/4/2021 5:49:17 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

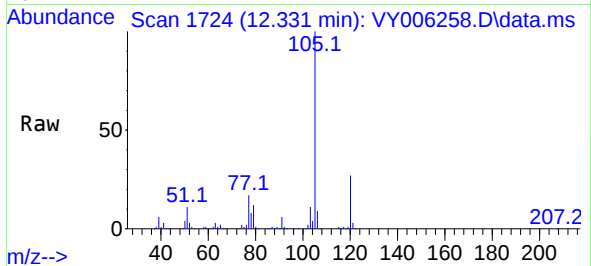
Tgt Ion:152 Resp: 113218  
Ion Ratio Lower Upper  
152 100  
115 55.3 28.2 84.7  
150 162.3 0.0 347.6





#73  
Isopropylbenzene  
Concen: 19.664 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

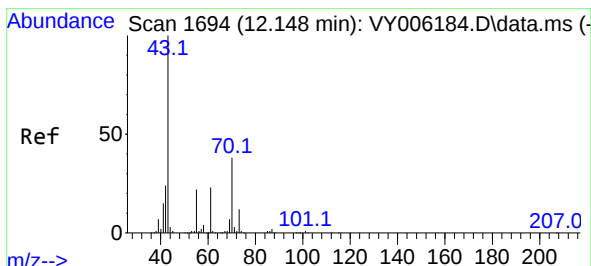
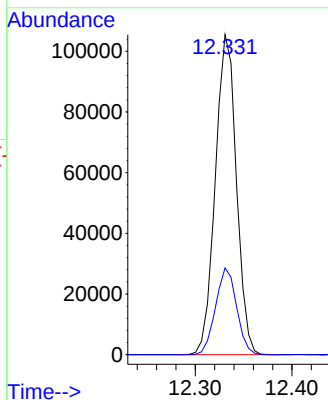
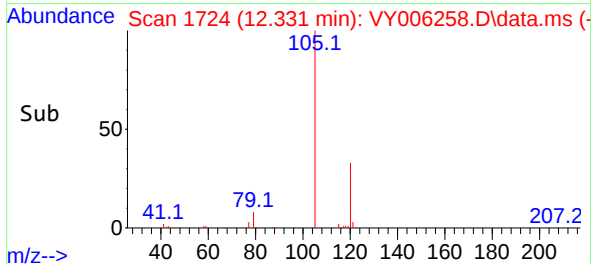
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



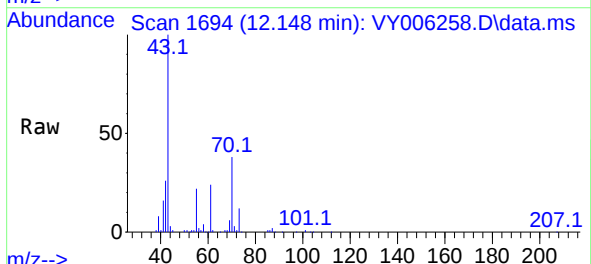
Tgt Ion:105 Resp: 159473  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2

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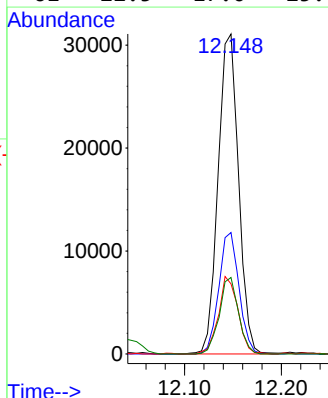
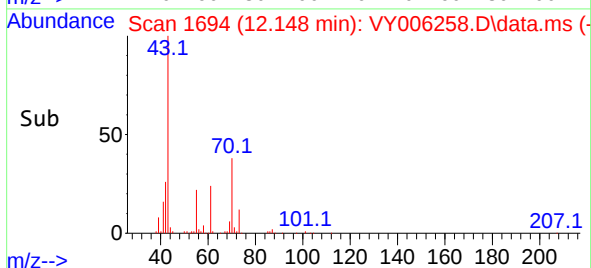
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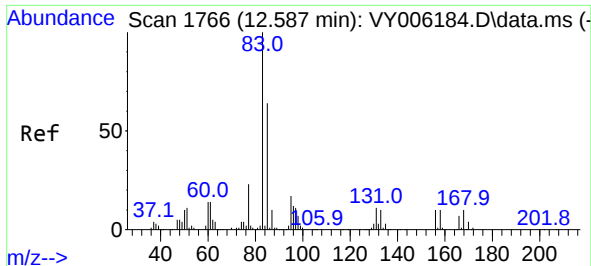


#74  
N-ethyl acetate  
Concen: 18.107 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion: 43 Resp: 45579  
Ion Ratio Lower Upper  
43 100  
70 37.5 28.7 43.1  
55 23.0 17.3 25.9  
61 22.5 17.0 25.6





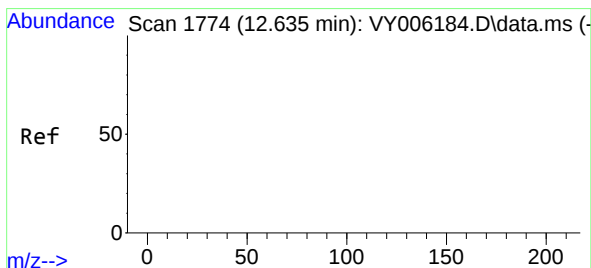
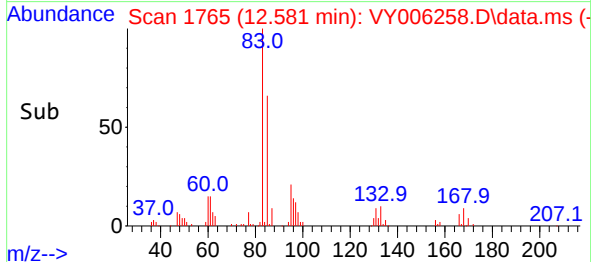
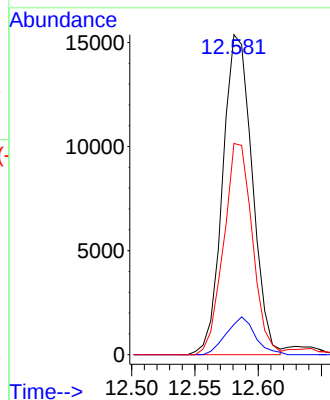
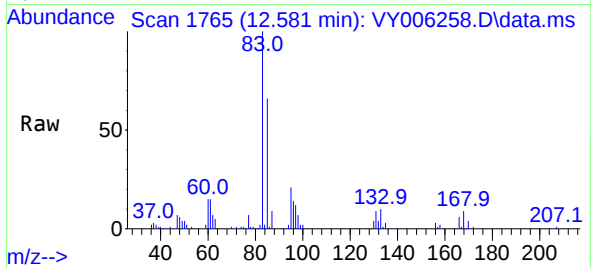
#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.006 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 83 Resp: 24908  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.6 16.8  
85 65.0 32.3 96.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

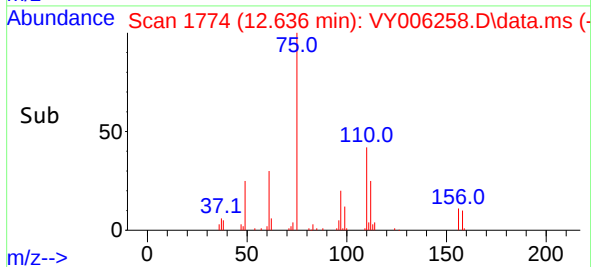
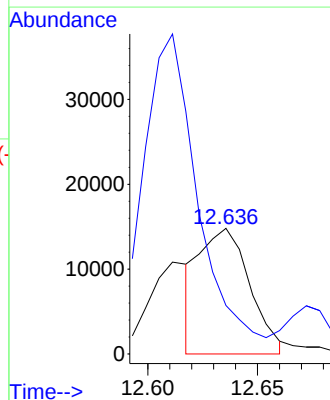
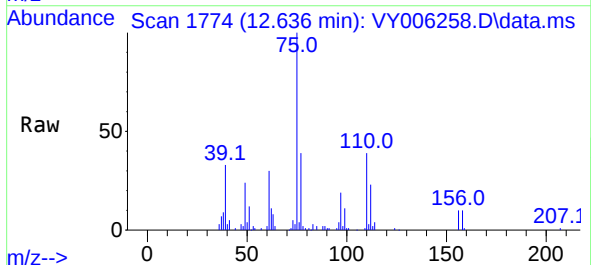
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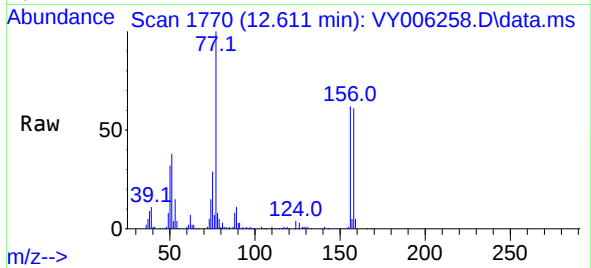
#76  
1,2,3-Trichloropropane  
Concen: 21.419 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 75 Resp: 23570  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

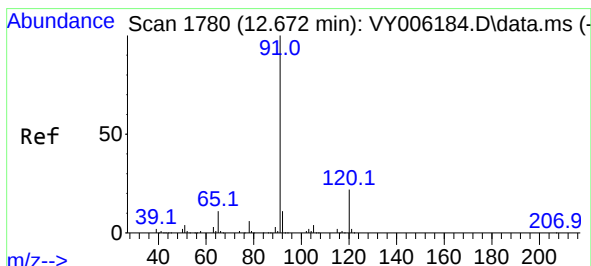
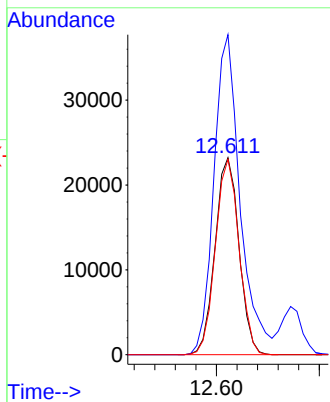
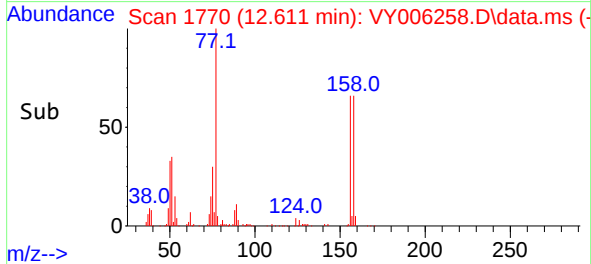




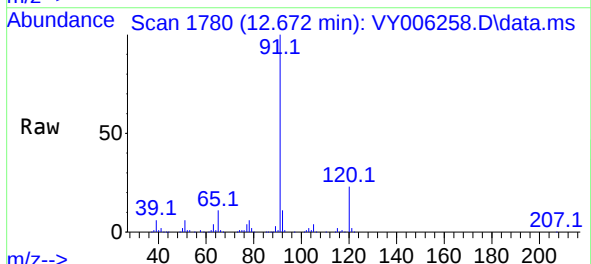
#77  
Bromobenzene  
Concen: 19.716 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



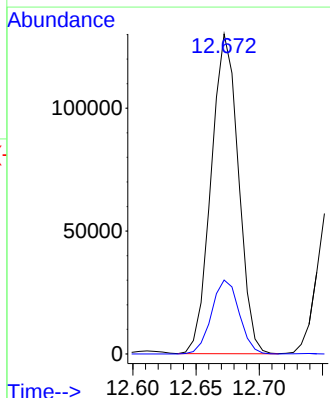
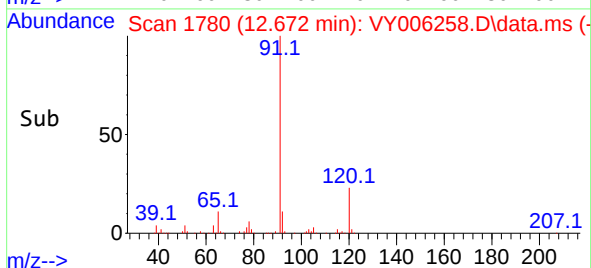
Tgt Ion: 156 Resp: 37490  
Ion Ratio Lower Upper  
156 100  
77 178.1 95.5 286.4  
158 97.7 48.0 144.0



#78  
n-propylbenzene  
Concen: 19.565 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



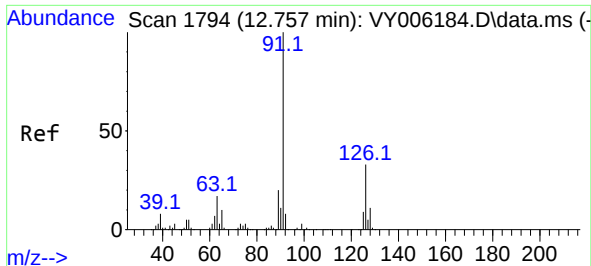
Tgt Ion: 91 Resp: 195317  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.3 33.9



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

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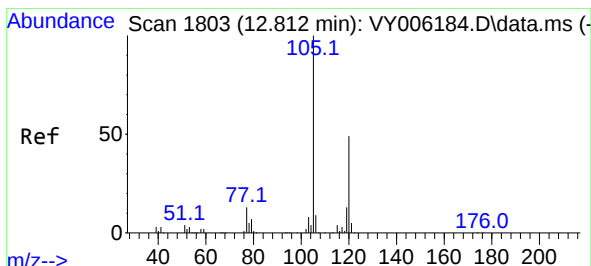
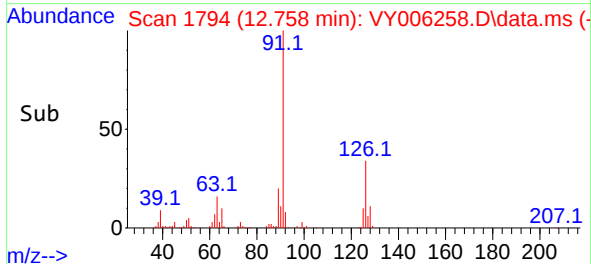
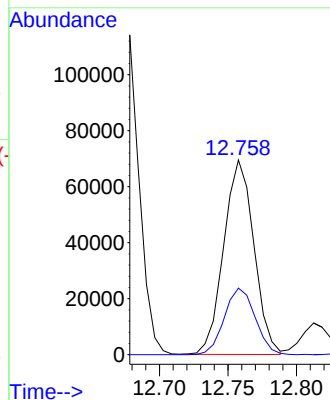
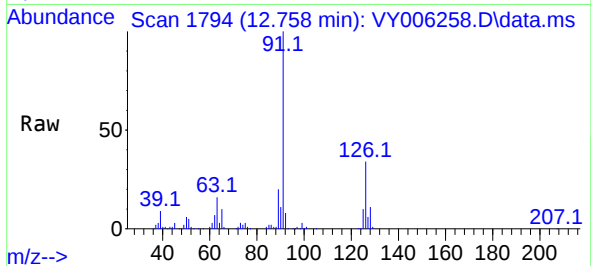
#79  
2-Chlorotoluene  
Concen: 19.326 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion: 91 Resp: 106760  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.9 50.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

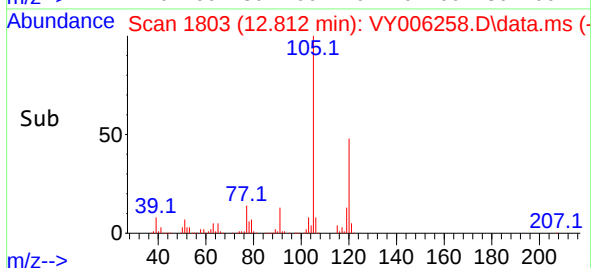
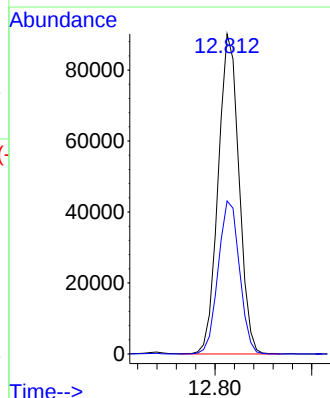
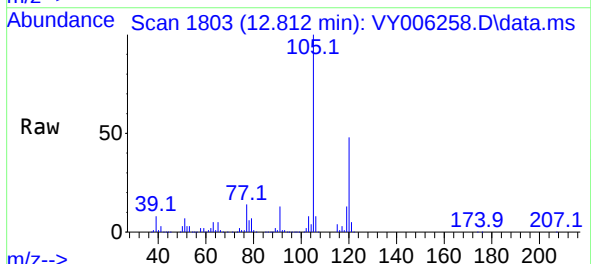
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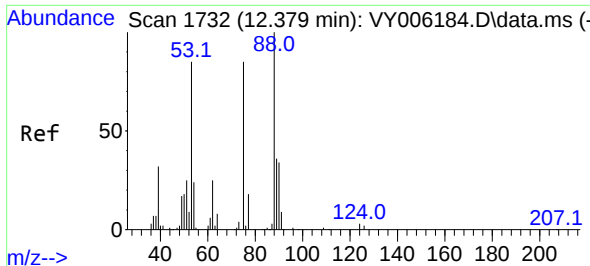
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10/4/2021 5:49:17 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 19.799 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

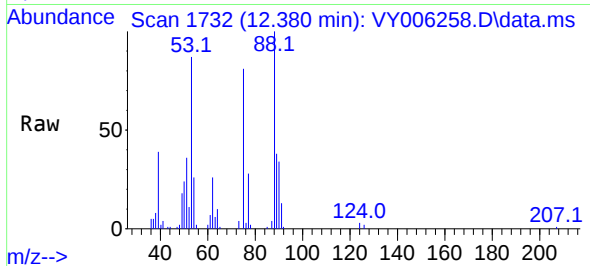
Tgt Ion:105 Resp: 134261  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.4 73.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.390 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

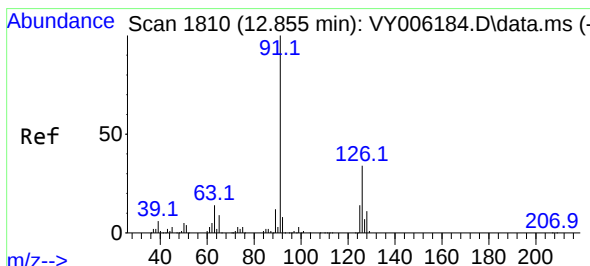
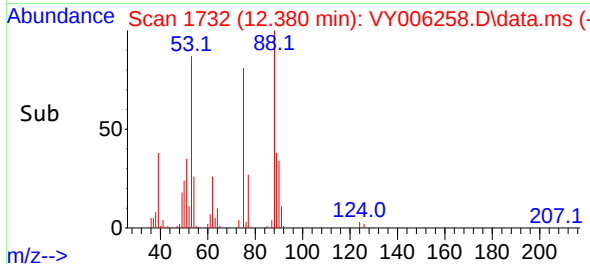
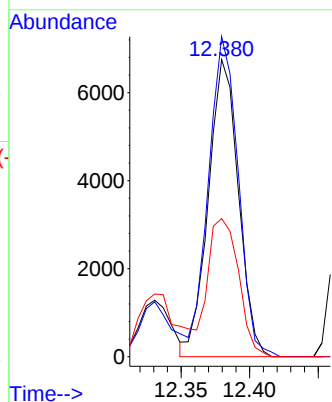
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



Tgt Ion: 75 Resp: 10298  
Ion Ratio Lower Upper  
75 100  
53 105.7 85.3 127.9  
89 47.0 37.0 55.4

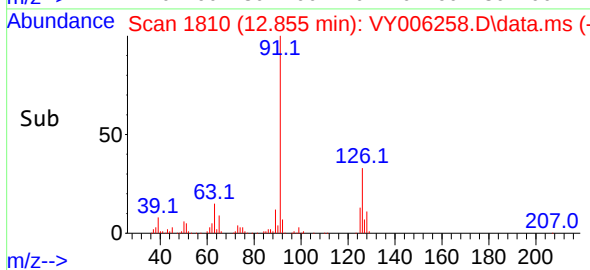
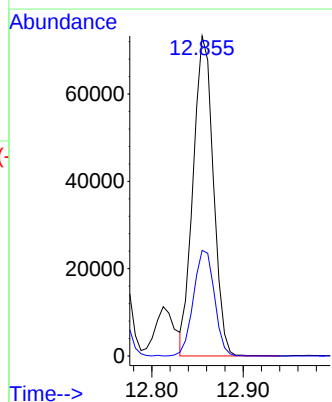
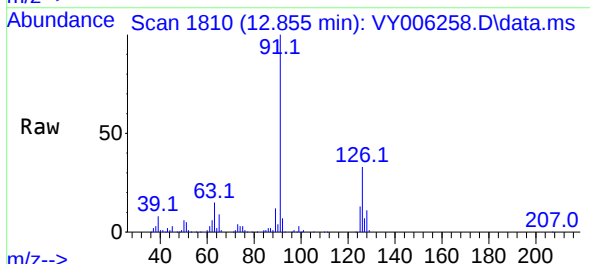
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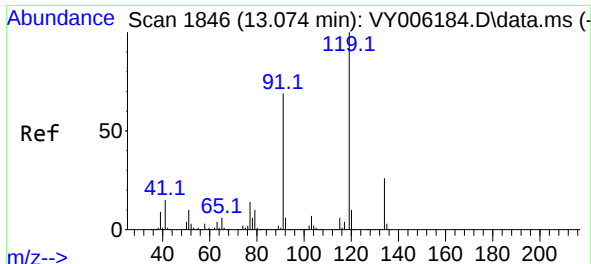
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#82  
4-Chlorotoluene  
Concen: 19.672 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

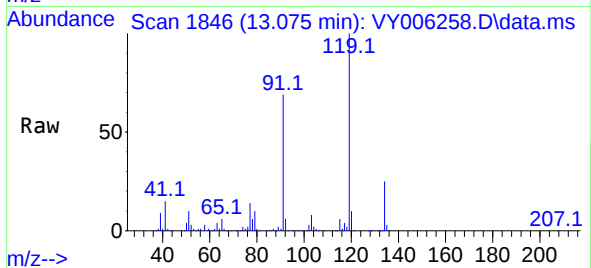
Tgt Ion: 91 Resp: 112391  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.0 51.0





#83  
tert-Butylbenzene  
Concen: 20.366 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

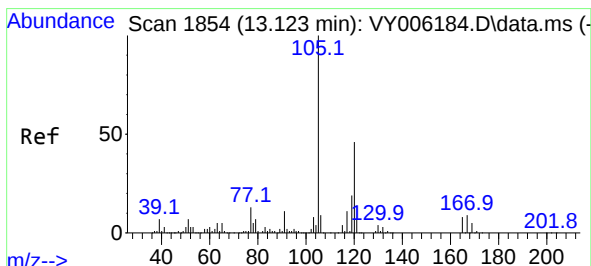
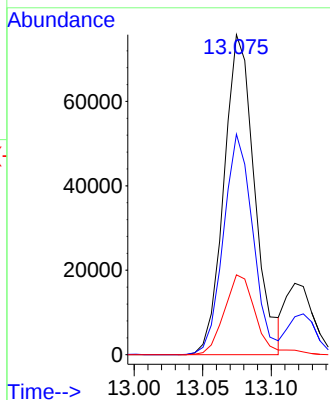
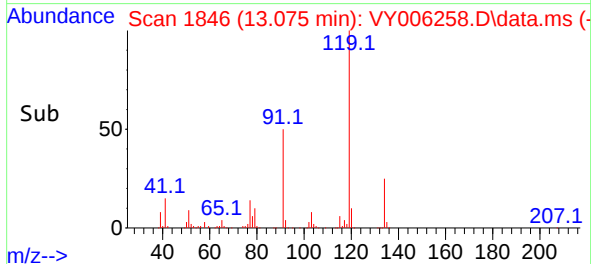
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



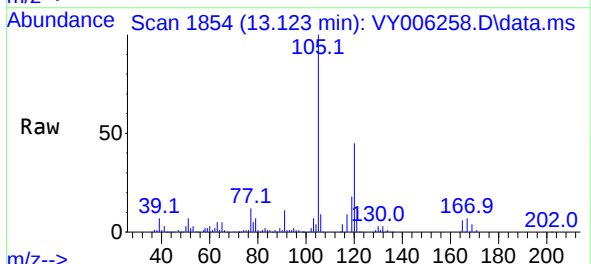
Tgt Ion:119 Resp: 118072  
Ion Ratio Lower Upper  
119 100  
91 66.5 34.8 104.4  
134 25.7 13.3 39.9

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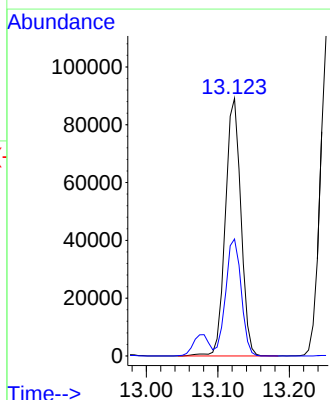
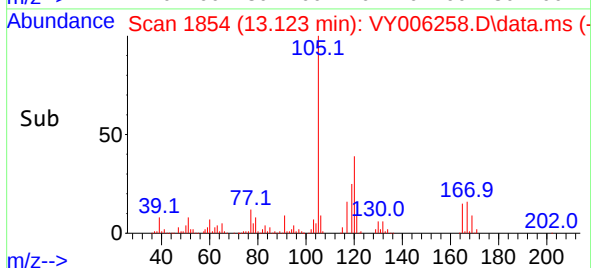
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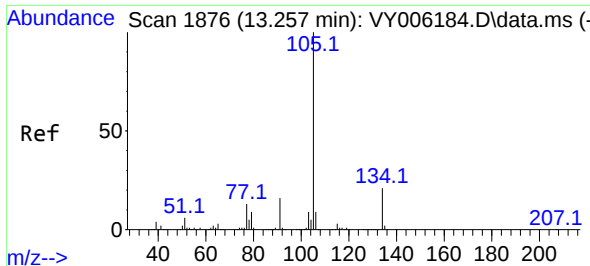


#84  
1,2,4-Trimethylbenzene  
Concen: 20.066 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



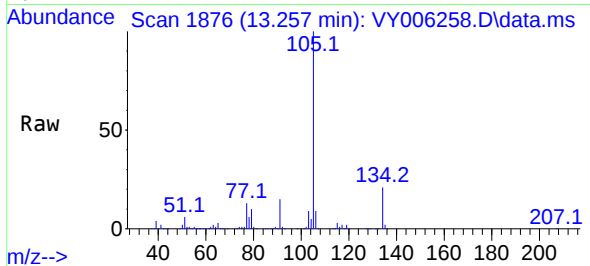
Tgt Ion:105 Resp: 134364  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.3 66.9





#85  
sec-Butylbenzene  
Concen: 20.005 ug/l  
RT: 13.257 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

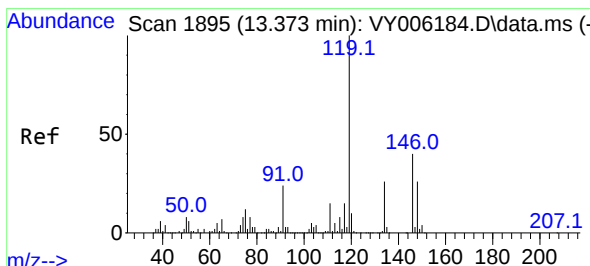
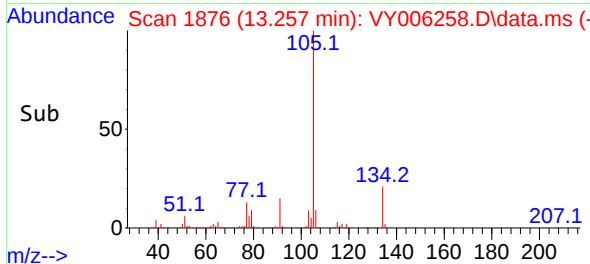
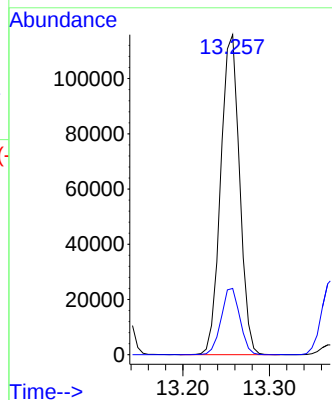
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



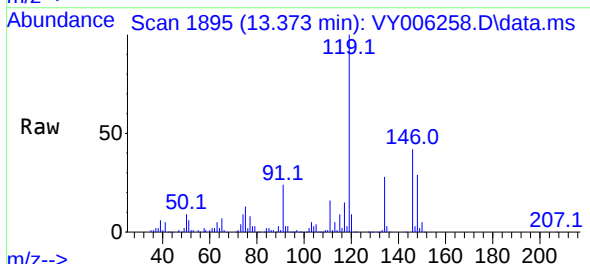
Tgt Ion:105 Resp: 175269  
Ion Ratio Lower Upper  
105 100  
134 20.5 10.2 30.4

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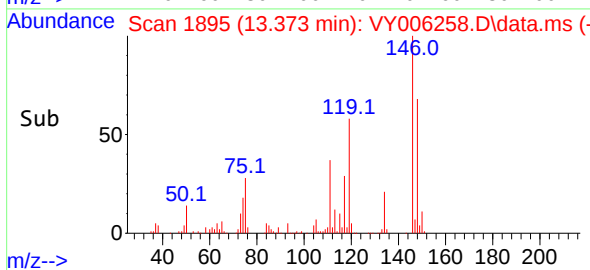
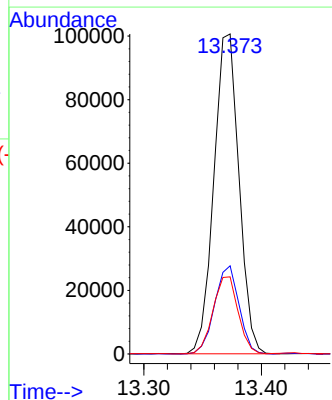
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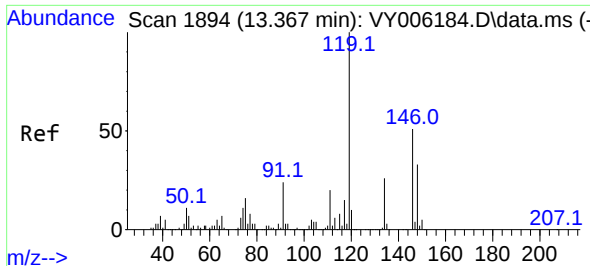


#86  
p-Isopropyltoluene  
Concen: 20.189 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



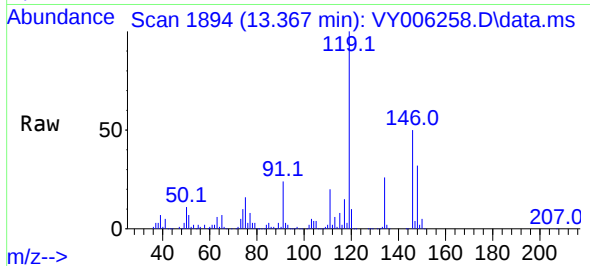
Tgt Ion:119 Resp: 149267  
Ion Ratio Lower Upper  
119 100  
134 26.8 13.2 39.5  
91 24.4 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 19.873 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

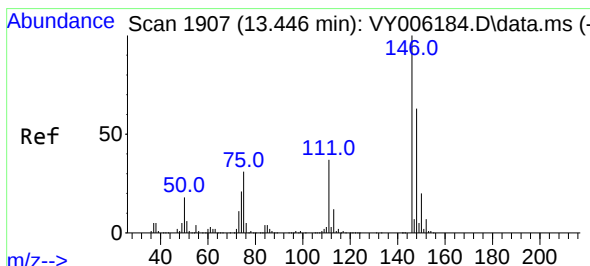
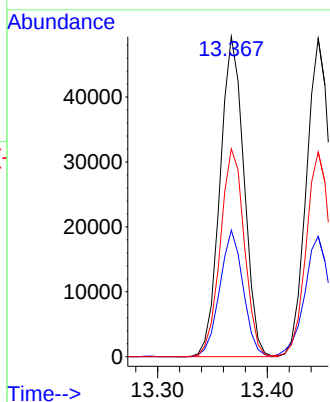
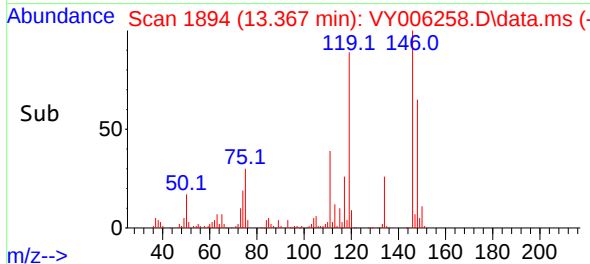
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



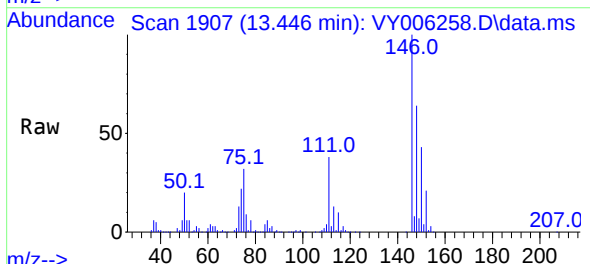
Tgt Ion:146 Resp: 74867  
Ion Ratio Lower Upper  
146 100  
111 38.6 19.5 58.5  
148 65.0 31.6 95.0

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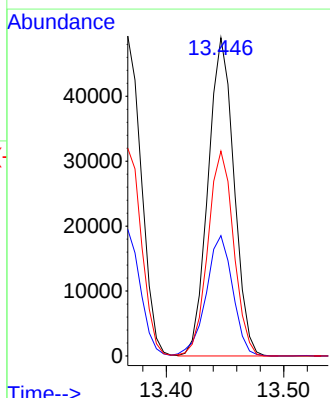
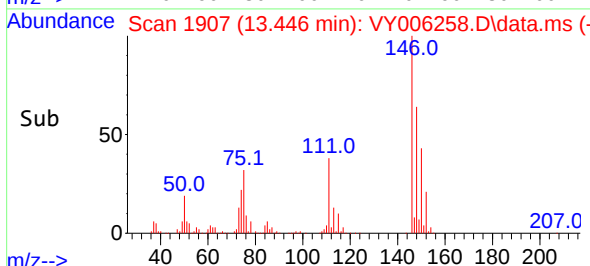
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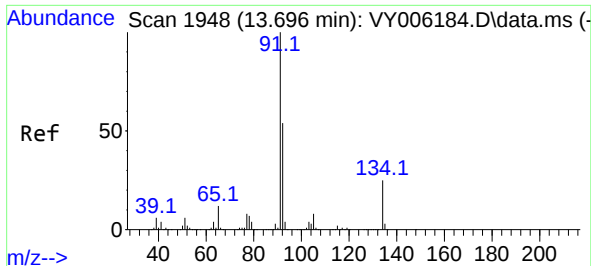


#88  
1,4-Dichlorobenzene  
Concen: 20.225 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion:146 Resp: 75128  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.3 57.8  
148 64.4 32.6 97.8





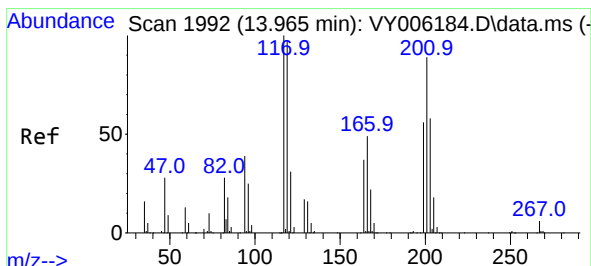
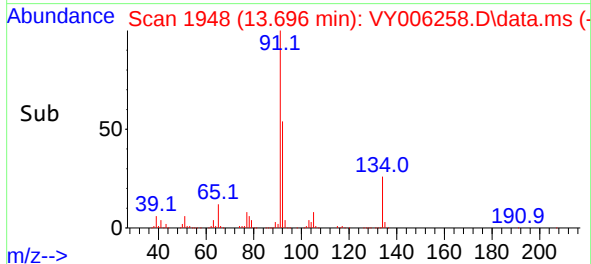
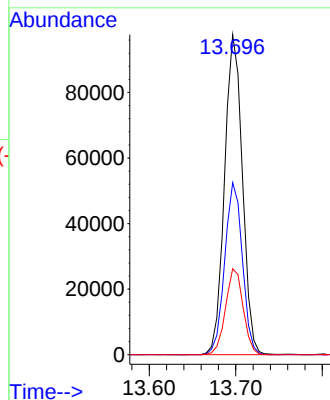
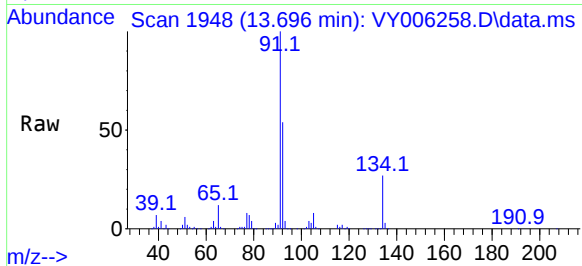
#89  
n-Butylbenzene  
Concen: 19.915 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 139907 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 53.1  | 26.3  | 78.9   |
| 134      | 26.5  | 13.0  | 38.9   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

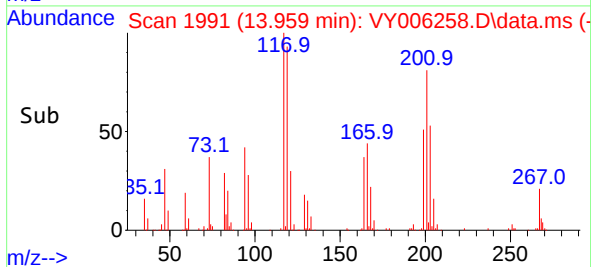
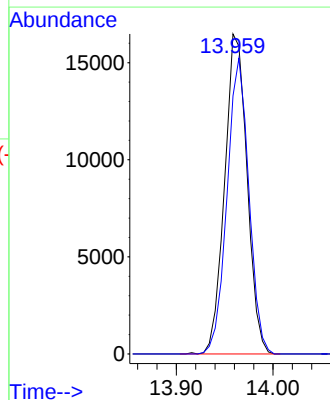
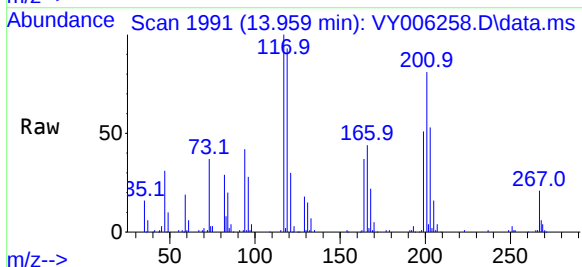
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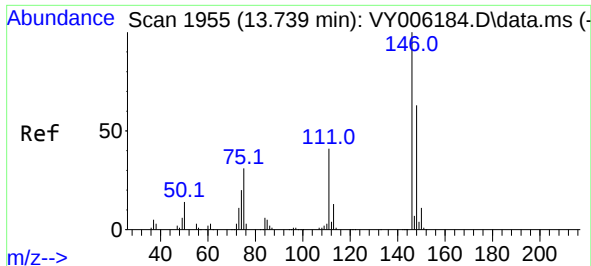
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10/4/2021 5:49:17 PM



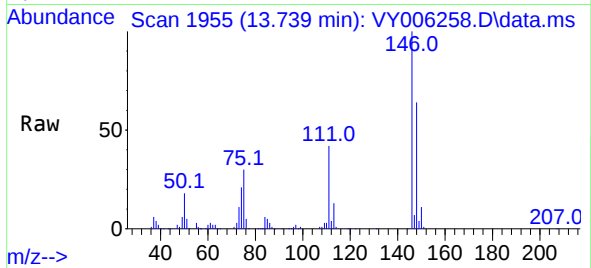
#90  
Hexachloroethane  
Concen: 19.763 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 26535 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 89.9  | 43.0  | 128.8 |

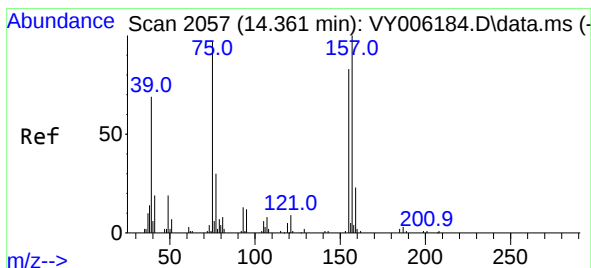
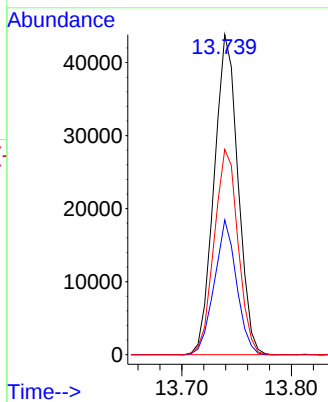
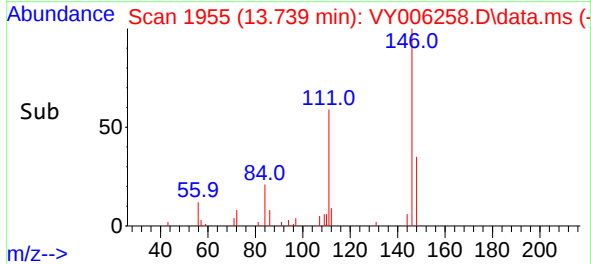




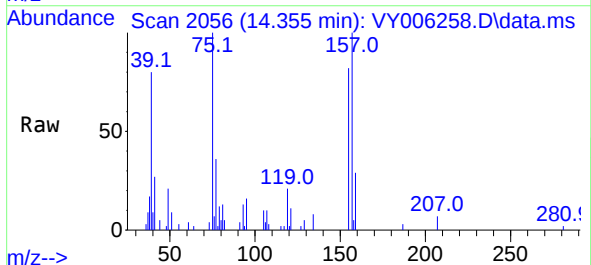
#91  
1,2-Dichlorobenzene  
Concen: 20.144 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



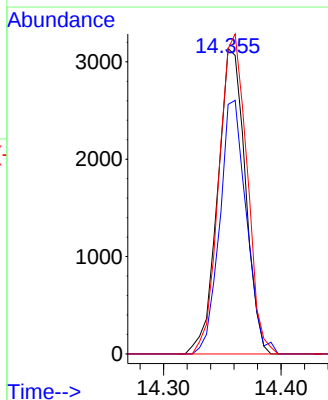
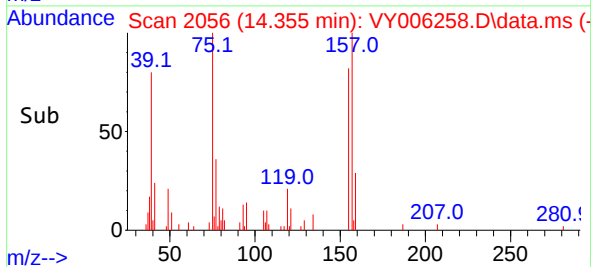
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 66359 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 39.3  | 20.3  | 60.9  |
| 148       | 64.3  | 32.3  | 96.9  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.363 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



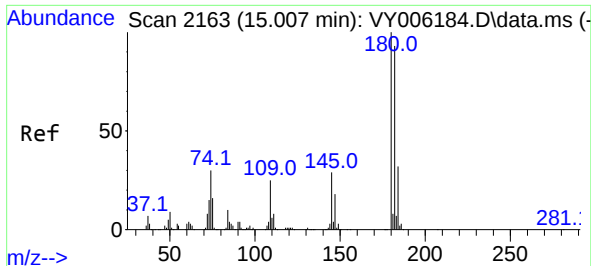
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 5124  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 80.2  | 38.0  | 113.9 |
| 157       | 106.1 | 47.8  | 143.3 |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

Manual Integrations  
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10/4/2021 5:49:17 PM



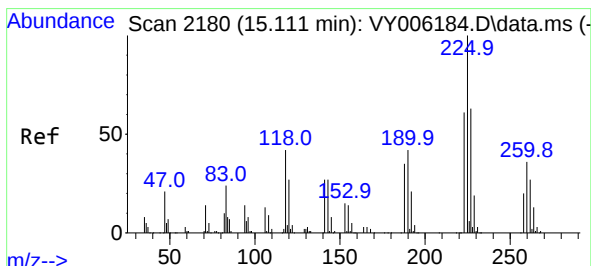
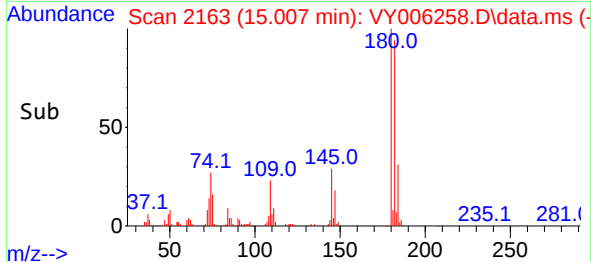
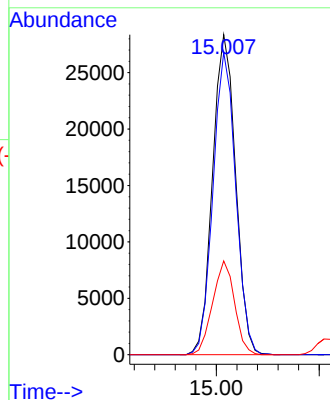
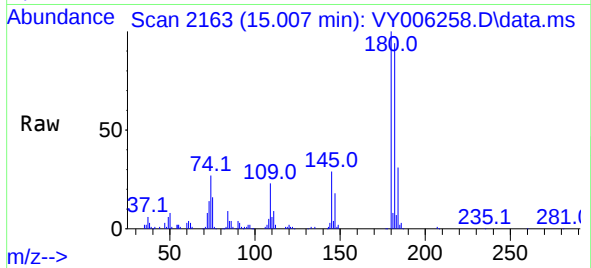
#93  
1,2,4-Trichlorobenzene  
Concen: 20.208 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

Tgt Ion:180 Resp: 43989  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.3 141.9  
145 27.9 14.6 43.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01

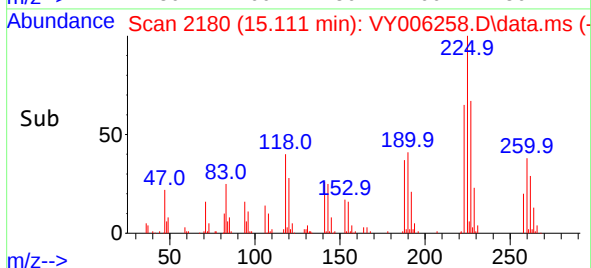
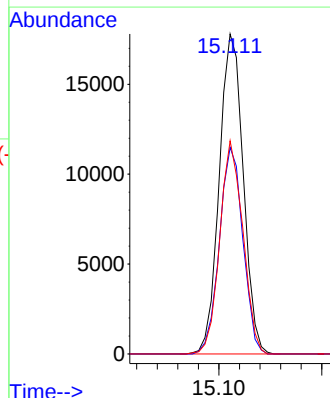
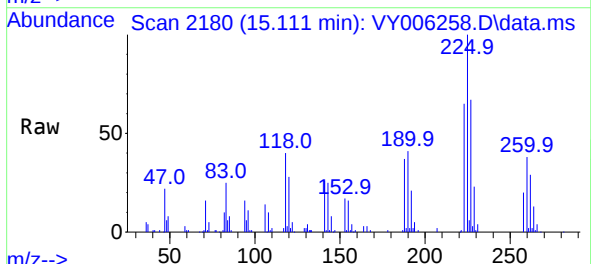
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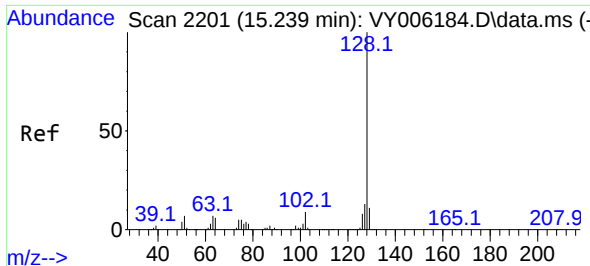
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10/4/2021 5:49:17 PM



#94  
Hexachlorobutadiene  
Concen: 20.260 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

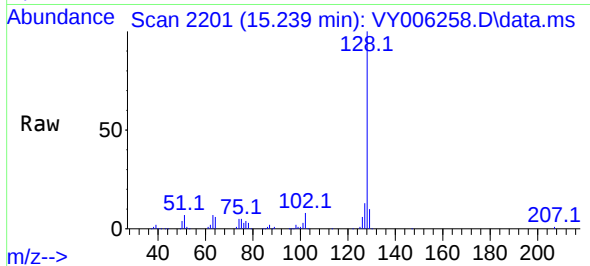
Tgt Ion:225 Resp: 28771  
Ion Ratio Lower Upper  
225 100  
223 63.2 30.8 92.3  
227 64.2 31.6 94.7





#95  
Naphthalene  
Concen: 18.611 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42

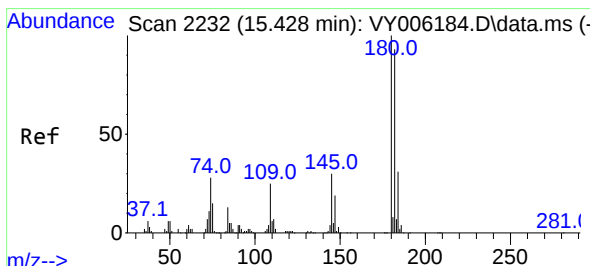
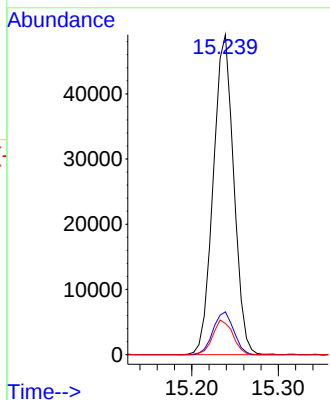
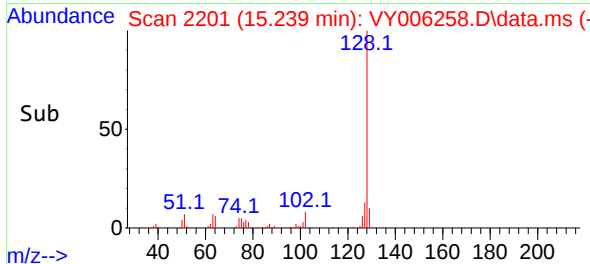
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1001SBSD01



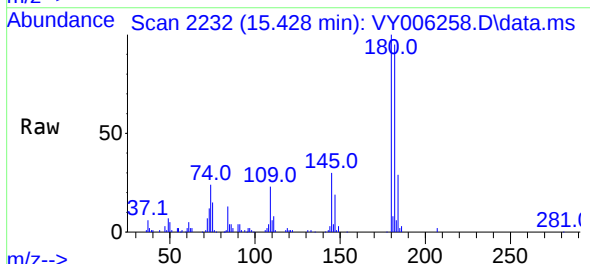
Tgt Ion:128 Resp: 80493  
Ion Ratio Lower Upper  
128 100  
127 13.5 11.0 16.4  
129 10.7 8.4 12.6

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10/4/2021 5:49:17 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 19.685 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY006258.D  
Acq: 01 Oct 2021 12:42



Tgt Ion:180 Resp: 37979  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.3 141.9  
145 30.1 15.3 45.9

