

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082021\  
 Data File : VY005786.D  
 Acq On : 20 Aug 2021 12:20  
 Operator : SY/MD  
 Sample : VY0820SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0820SBS01

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 11:05:26 AM

Quant Time: Aug 23 01:05:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 7.795          | 168  | 199819              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691          | 114  | 289655              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490         | 117  | 267649              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 144660              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 104272              | 51.552  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 103.100% |         |        |          |
| 35) Dibromofluoromethane     | 7.722          | 113  | 85878               | 52.955  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 105.920% |         |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 347015              | 51.022  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 102.040% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 118836              | 52.763  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 105.520% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 43571               | 26.549  | ug/l   | 91       |
| 3) Chloromethane             | 2.119          | 50   | 50770               | 25.898  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.260          | 62   | 65988               | 28.102  | ug/l   | 98       |
| 5) Bromomethane              | 2.650          | 94   | 44342               | 28.689  | ug/l   | 99       |
| 6) Chloroethane              | 2.796          | 64   | 41257               | 29.108  | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 84671               | 26.931  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.534          | 74   | 29429               | 26.801  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899          | 101  | 47479               | 27.842  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.101          | 142  | 45737               | 21.528  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.960          | 59   | 20548               | 102.763 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 3.875          | 96   | 45792               | 26.592  | ug/l   | 98       |
| 13) Acrolein                 | 3.735          | 56   | 10651               | 88.287  | ug/l   | 99       |
| 14) Allyl chloride           | 4.485          | 41   | 70797               | 23.473  | ug/l   | 99       |
| 15) Acrylonitrile            | 5.168          | 53   | 65005               | 115.513 | ug/l   | 99       |
| 16) Acetone                  | 3.954          | 43   | 69589               | 136.459 | ug/l   | 96       |
| 17) Carbon Disulfide         | 4.204          | 76   | 119742              | 22.557  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.485          | 43   | 30536               | 22.895  | ug/l   | 100      |
| 19) Methyl tert-butyl Ether  | 5.229          | 73   | 121857              | 22.842  | ug/l   | 100      |
| 20) Methylene Chloride       | 4.722          | 84   | 55835               | 24.534  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.222          | 96   | 44473               | 23.100  | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.125          | 45   | 150730              | 24.224  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.064          | 43   | 481207              | 116.207 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.021          | 63   | 83695               | 24.271  | ug/l   | 98       |
| 25) 2-Butanone               | 6.990          | 43   | 87505               | 116.081 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 6.984          | 77   | 78522               | 24.923  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.990          | 96   | 50885               | 23.238  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.338          | 49   | 36928               | 26.831  | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.356          | 42   | 54703               | 109.715 | ug/l   | 98       |
| 30) Chloroform               | 7.515          | 83   | 84615               | 24.041  | ug/l   | 96       |
| 31) Cyclohexane              | 7.789          | 56   | 80318               | 23.150  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 78777               | 24.349  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 65658               | 24.168  | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.082          | 43   | 37929               | 23.045  | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 72619               | 24.594  | ug/l   | 100      |
| 39) Methylcyclohexane        | 9.185          | 83   | 80172               | 23.195  | ug/l   | 98       |
| 40) Benzene                  | 8.167          | 78   | 184521              | 23.718  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082021\  
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 Acq On : 20 Aug 2021 12:20  
 Operator : SY/MD  
 Sample : VY0820SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0820SBS01

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 11:05:26 AM

Quant Time: Aug 23 01:05:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.320  | 41   | 19632m   | 21.984  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 61527    | 24.381  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 72441    | 23.248  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 50844    | 23.945  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 47243    | 24.273  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 25257    | 23.469  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 64531    | 23.959  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 32302    | 22.938  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 6739     | 450.569 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 193605   | 117.981 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 119990   | 24.188  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 70629    | 23.464  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 78294    | 23.968  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 36721    | 23.583  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 53990    | 23.156  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 65432    | 23.829  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 120991   | 108.601 | ug/l   | 100      |
| 59) 2-Hexanone                | 10.837 | 43   | 136015   | 117.271 | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.984 | 129  | 45973    | 23.857  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 34574    | 23.440  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 50848    | 24.959  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.520 | 112  | 128565   | 23.870  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 47952    | 23.655  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 230986   | 23.651  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 179702   | 47.373  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 85184    | 23.364  | ug/l   | 100      |
| 70) Styrene                   | 12.044 | 104  | 145923   | 23.778  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 30464    | 23.174  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 228819   | 22.661  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 67328    | 22.150  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 42692    | 21.982  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 29522m   | 19.693  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 55635    | 22.426  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.672 | 91   | 279162   | 23.277  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 154911   | 23.003  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 192707   | 22.996  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 16505    | 22.195  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 161526   | 23.181  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 169388   | 22.526  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 192144   | 23.237  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 253731   | 23.394  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 217428   | 23.350  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 110980   | 22.926  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 112133   | 23.351  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 199562   | 23.656  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 39730    | 23.731  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 99273    | 23.217  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 8087     | 21.965  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 69170    | 23.550  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 45783    | 24.074  | ug/l   | 100      |
| 95) Naphthalene               | 15.239 | 128  | 129002   | 22.280  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 60766    | 23.352  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082021\  
Data File : VY005786.D  
Acq On : 20 Aug 2021 12:20  
Operator : SY/MD  
Sample : VY0820SBS01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

Manual Integrations  
APPROVED

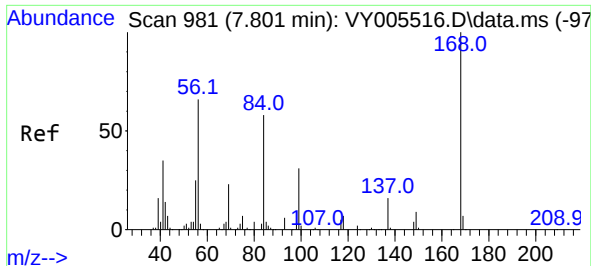
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8/23/2021 11:05:26 AM

Quant Time: Aug 23 01:05:42 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

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

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





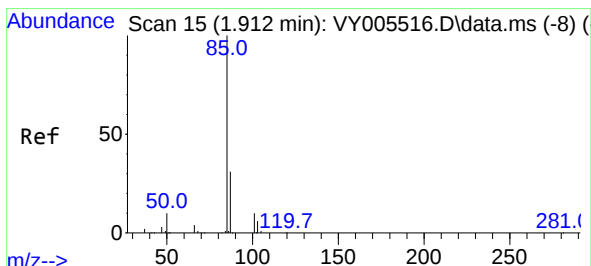
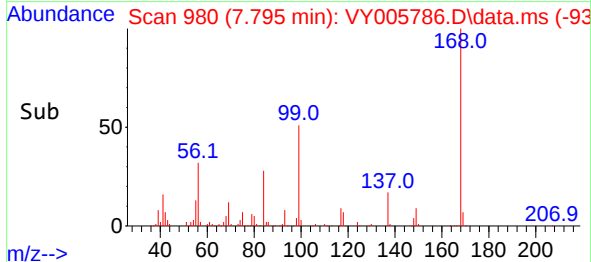
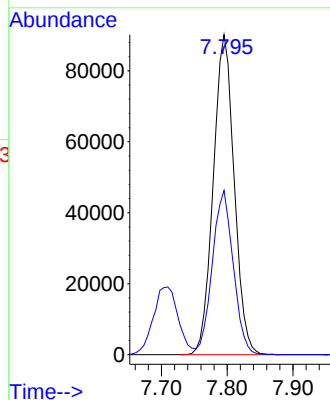
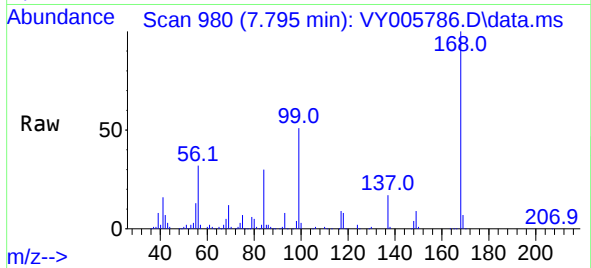
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:168 Resp: 199819  
Ion Ratio Lower Upper  
168 100  
99 51.3 38.9 58.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

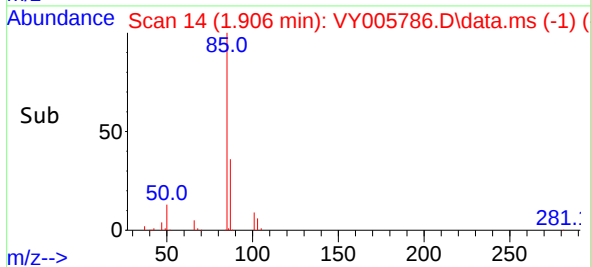
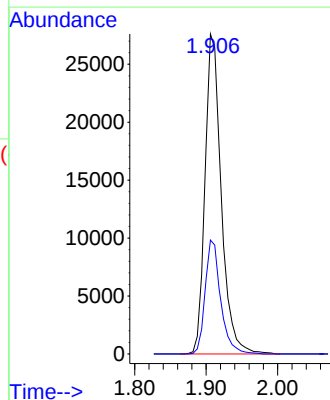
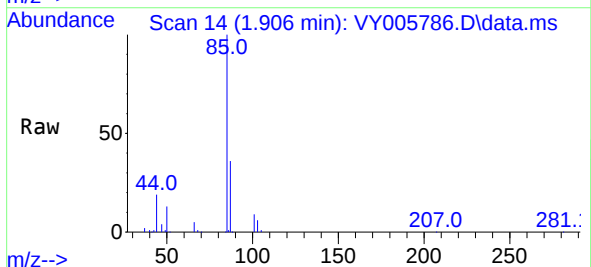
Manual Integrations  
APPROVED

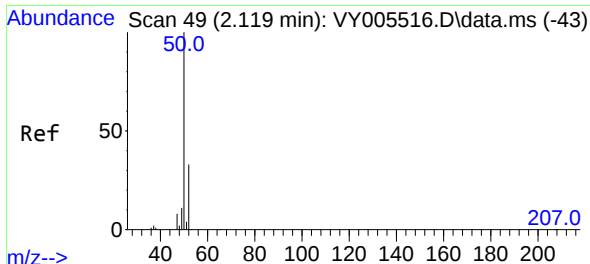
SAM  
8/23/2021 11:05:26 AM



#2  
Dichlorodifluoromethane  
Concen: 26.549 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

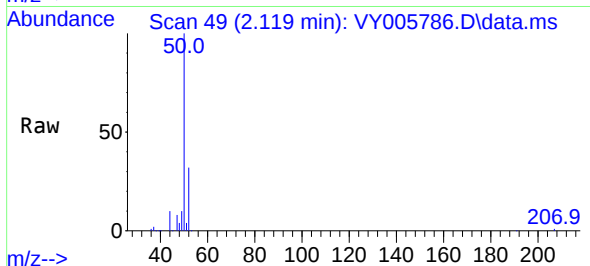
Tgt Ion: 85 Resp: 43571  
Ion Ratio Lower Upper  
85 100  
87 35.6 15.4 46.2





#3  
Chloromethane  
Concen: 25.898 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

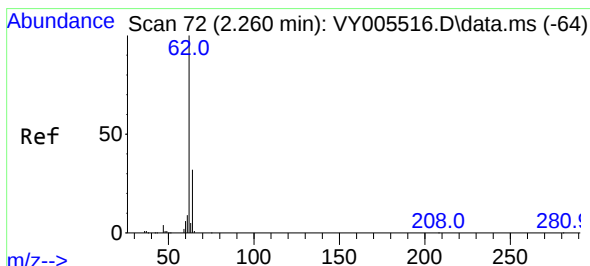
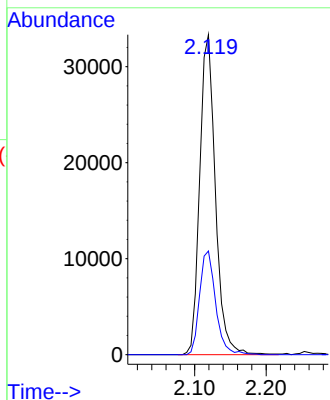
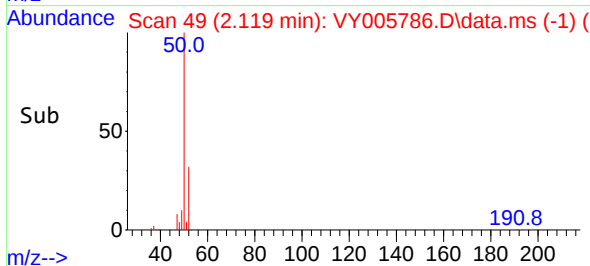
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



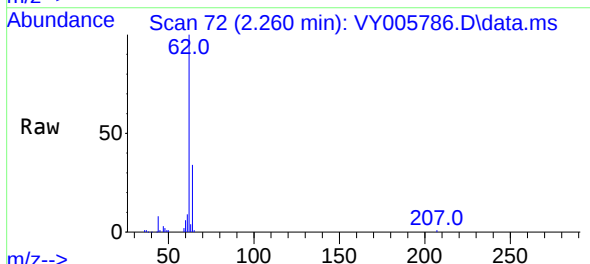
Tgt Ion: 50 Resp: 50770  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.4 39.6

Manual Integrations  
APPROVED

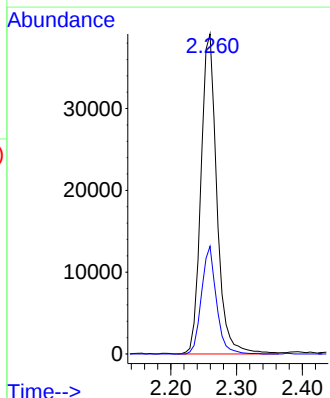
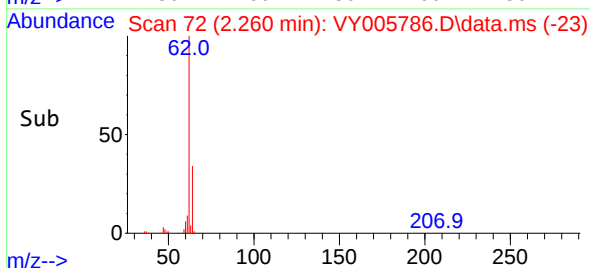
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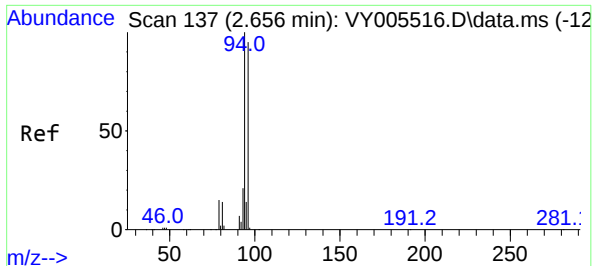


#4  
Vinyl Chloride  
Concen: 28.102 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 62 Resp: 65988  
Ion Ratio Lower Upper  
62 100  
64 33.7 25.9 38.9





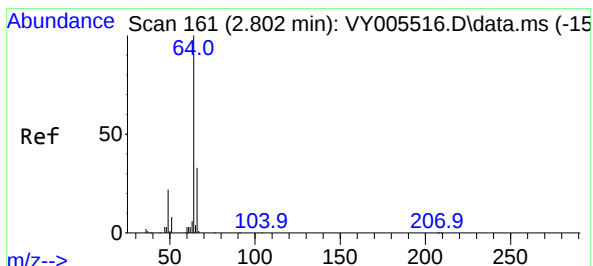
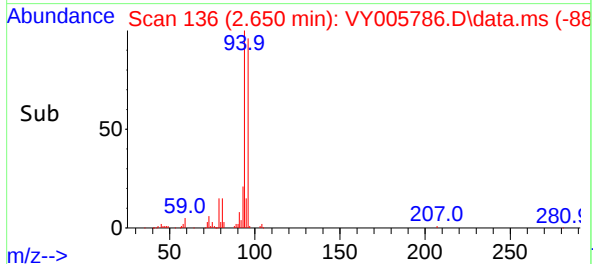
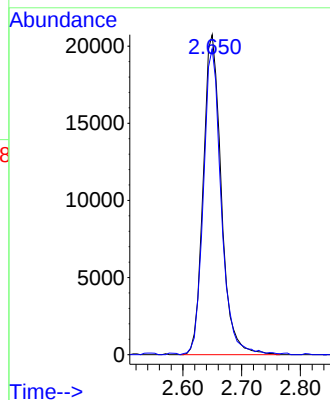
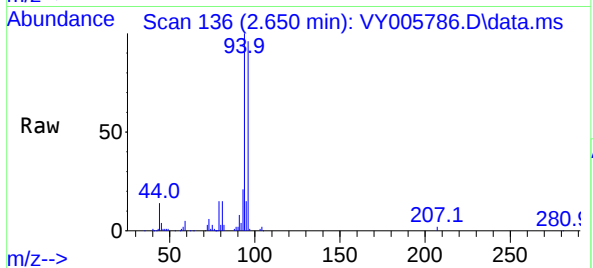
#5  
Bromomethane  
Concen: 28.689 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 94 Resp: 44342  
Ion Ratio Lower Upper  
94 100  
96 95.6 75.7 113.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

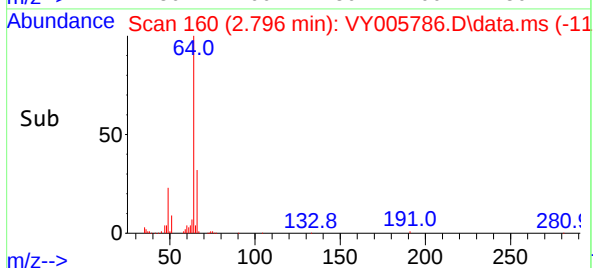
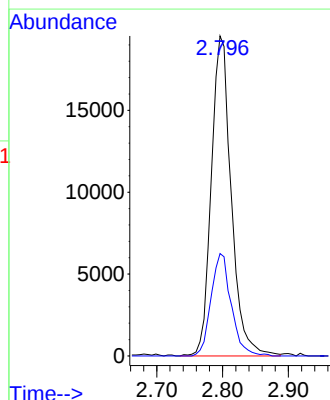
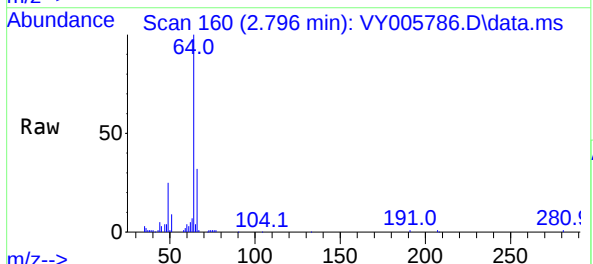
Manual Integrations  
APPROVED

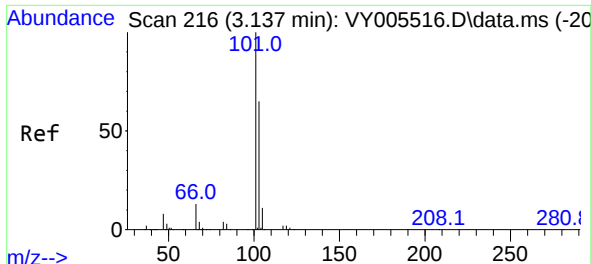
SAM  
8/23/2021 11:05:26 AM



#6  
Chloroethane  
Concen: 29.108 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 64 Resp: 41257  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.1 39.1





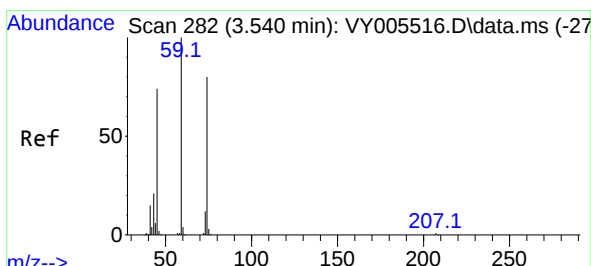
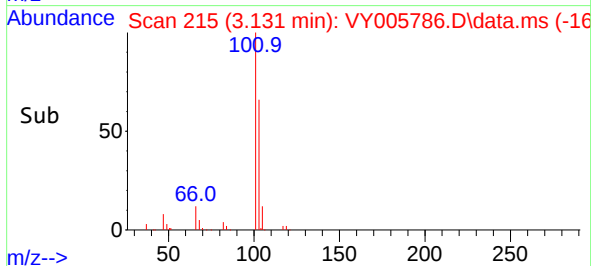
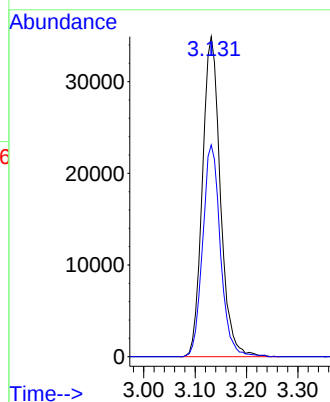
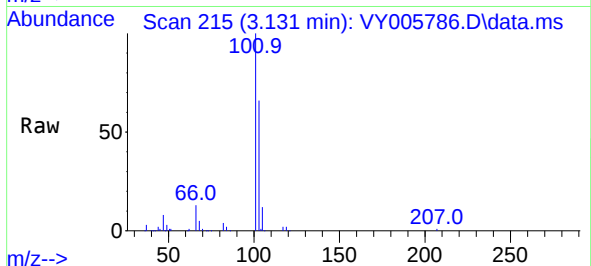
#7  
Trichlorofluoromethane  
Concen: 26.931 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:101 Resp: 84671  
Ion Ratio Lower Upper  
101 100  
103 66.1 52.2 78.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

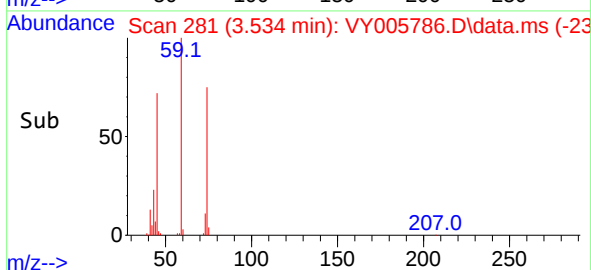
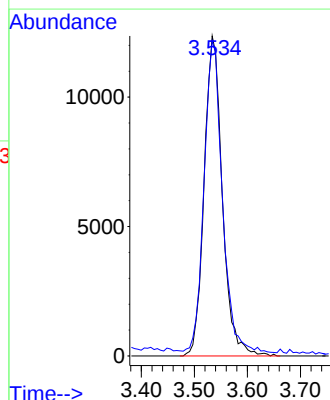
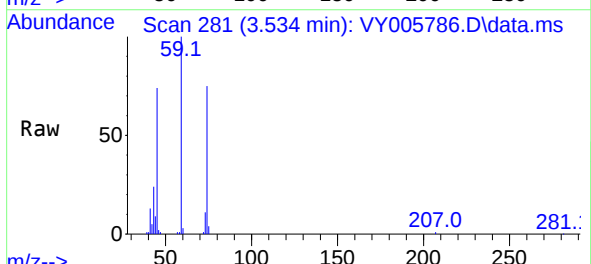
Manual Integrations  
APPROVED

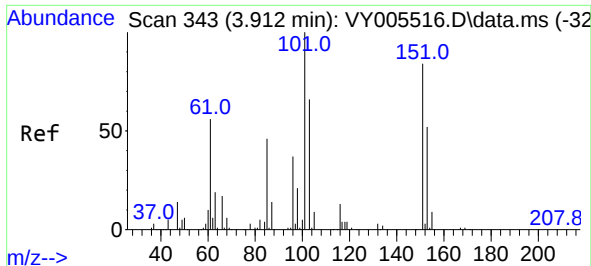
SAM  
8/23/2021 11:05:26 AM



#8  
Diethyl Ether  
Concen: 26.801 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

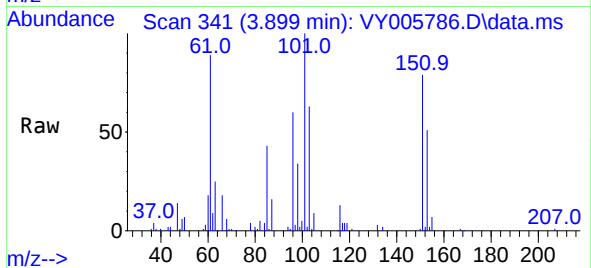
Tgt Ion: 74 Resp: 29429  
Ion Ratio Lower Upper  
74 100  
45 98.0 47.2 141.6





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 27.842 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.012 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

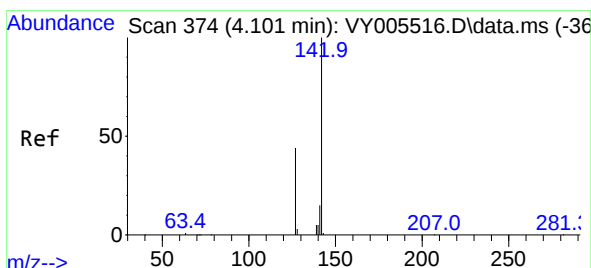
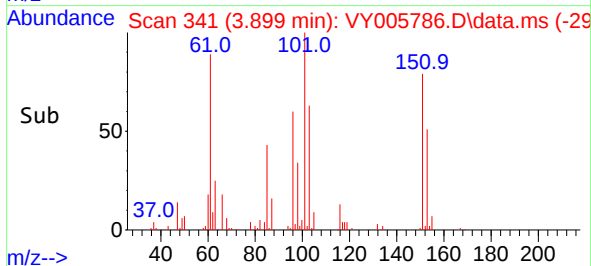
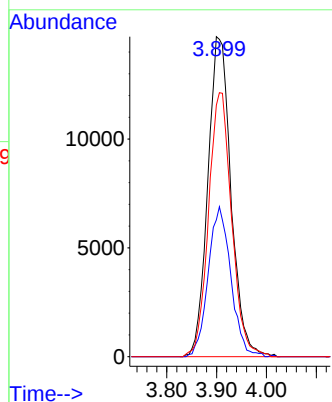
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



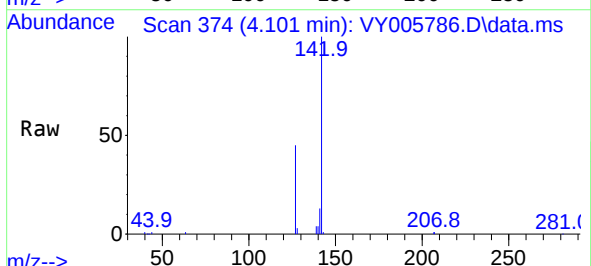
Tgt Ion:101 Resp: 47479  
Ion Ratio Lower Upper  
101 100  
85 45.8 36.3 54.5  
151 82.3 67.6 101.4

Manual Integrations  
APPROVED

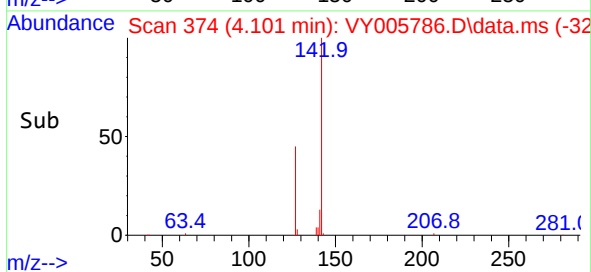
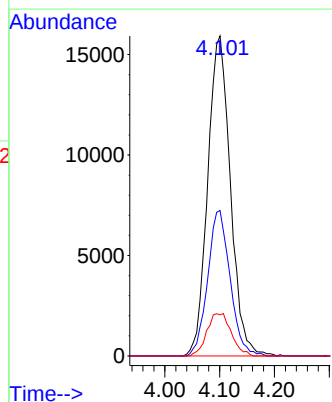
SAM  
8/23/2021 11:05:26 AM

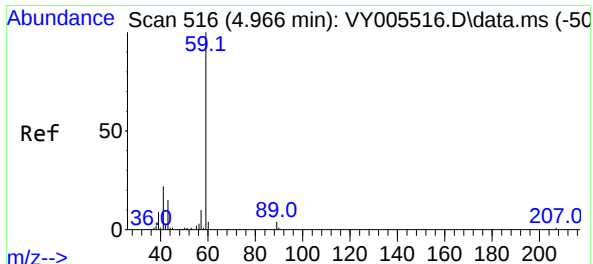


#10  
Methyl Iodide  
Concen: 21.528 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion:142 Resp: 45737  
Ion Ratio Lower Upper  
142 100  
127 44.9 36.6 54.8  
141 14.2 12.2 18.4

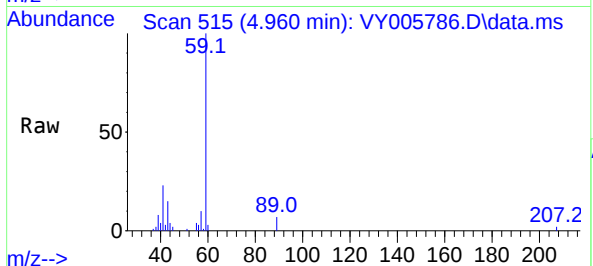




#11

Tert butyl alcohol  
Concen: 102.763 ug/l  
RT: 4.960 min Scan# 515  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

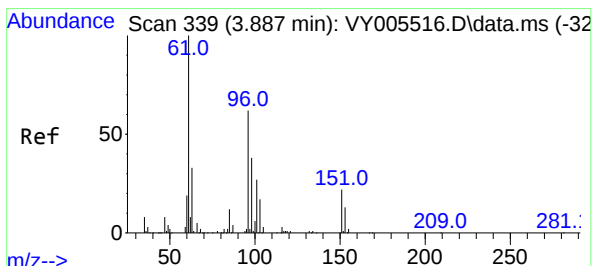
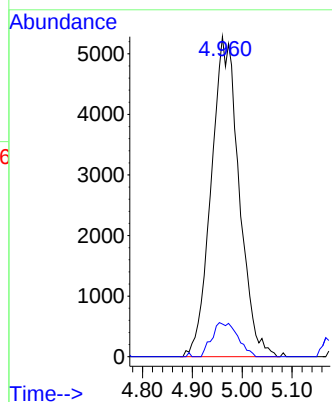
Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01



Tgt Ion: 59 Resp: 20548  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.0 12.0

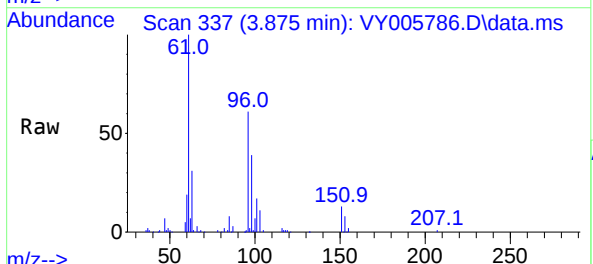
Manual Integrations  
APPROVED

SAM  
8/23/2021 11:05:26 AM

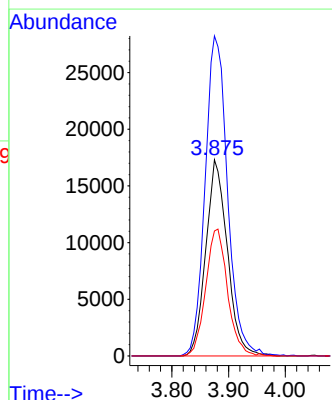
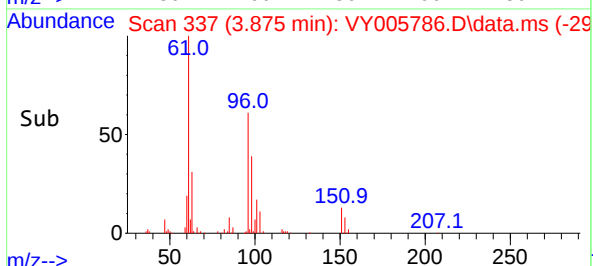


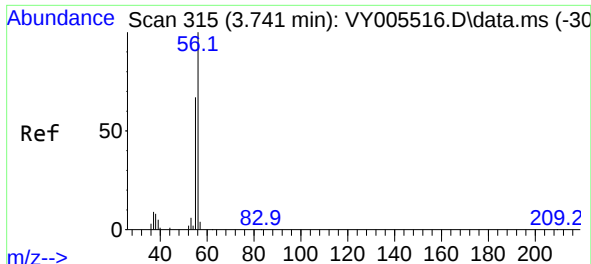
#12

1,1-Dichloroethene  
Concen: 26.592 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.012 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



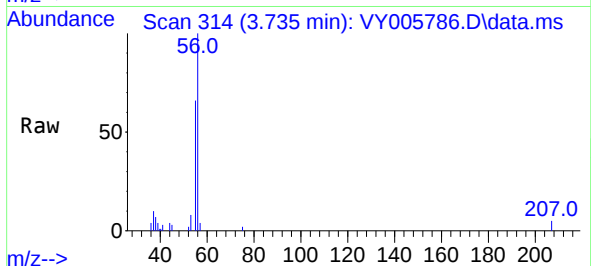
Tgt Ion: 96 Resp: 45792  
Ion Ratio Lower Upper  
96 100  
61 163.2 128.6 192.8  
98 63.7 49.2 73.8





#13  
Acrolein  
Concen: 88.287 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

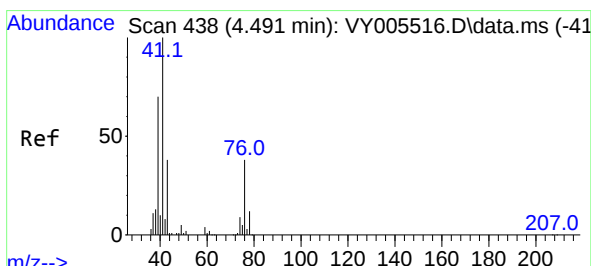
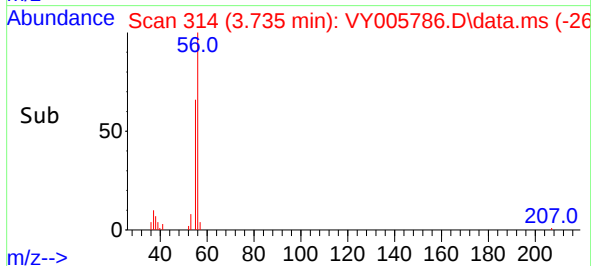
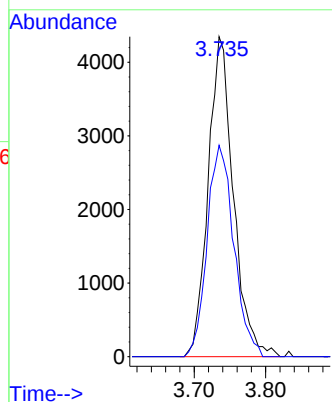
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



Tgt Ion: 56 Resp: 10651  
Ion Ratio Lower Upper  
56 100  
55 70.0 56.5 84.7

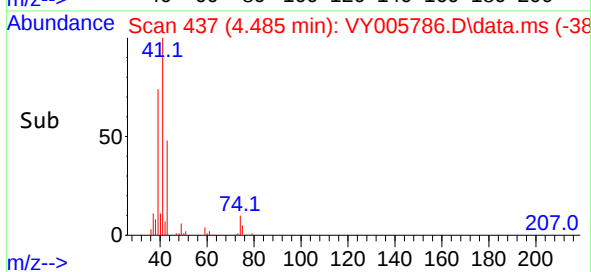
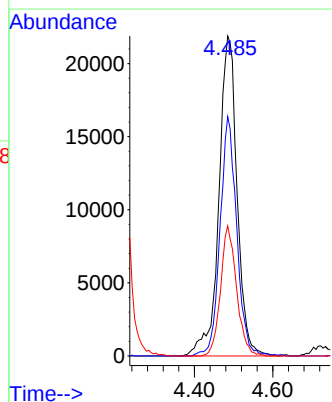
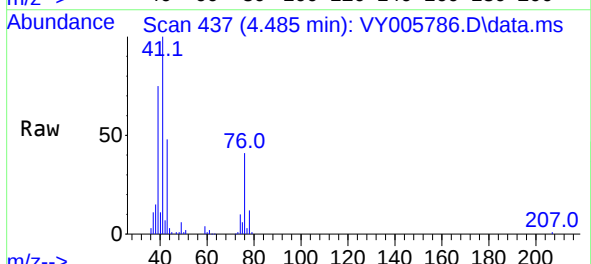
Manual Integrations  
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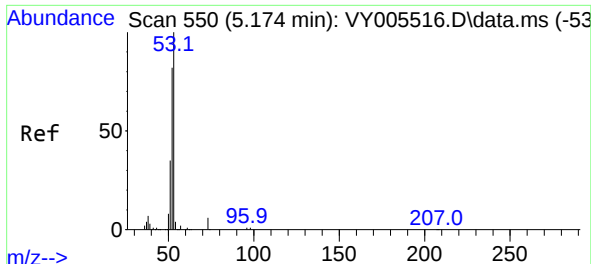
SAM  
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#14  
Allyl chloride  
Concen: 23.473 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 41 Resp: 70797  
Ion Ratio Lower Upper  
41 100  
39 68.5 53.7 80.5  
76 35.7 28.7 43.1





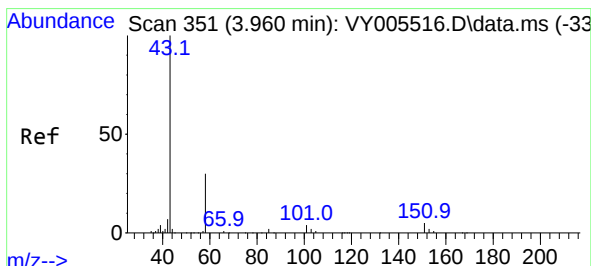
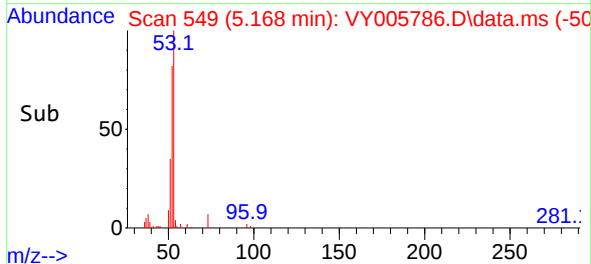
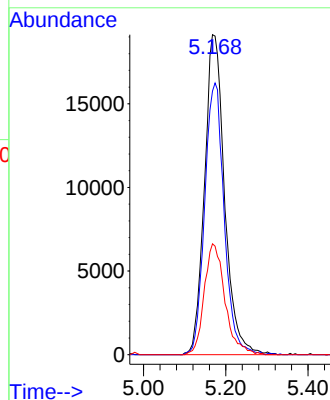
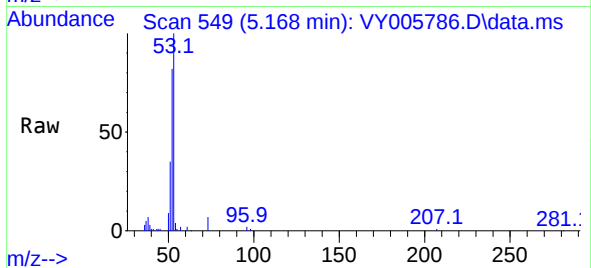
#15  
Acrylonitrile  
Concen: 115.513 ug/l  
RT: 5.168 min Scan# 549  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 65005 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.4     | 66.6 99.8   |
| 51 35.7     | 29.9 44.9   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

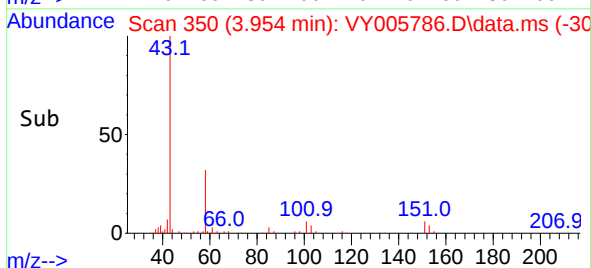
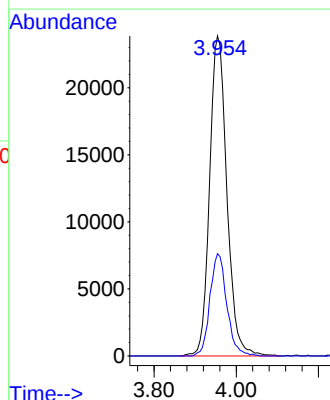
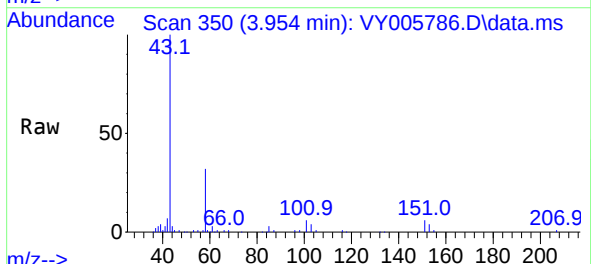
Manual Integrations  
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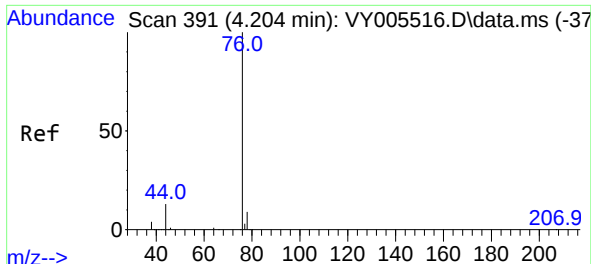
SAM  
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#16  
Acetone  
Concen: 136.459 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

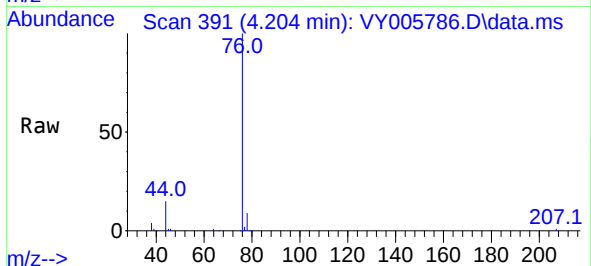
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 69589 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 31.9     | 23.8 35.6   |





#17  
Carbon Disulfide  
Concen: 22.557 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

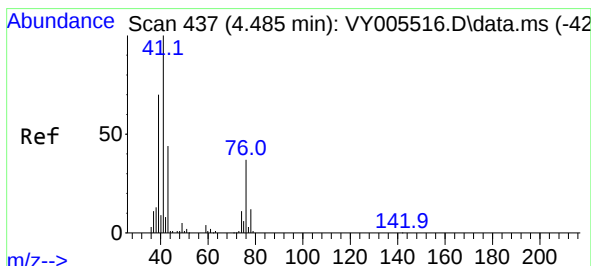
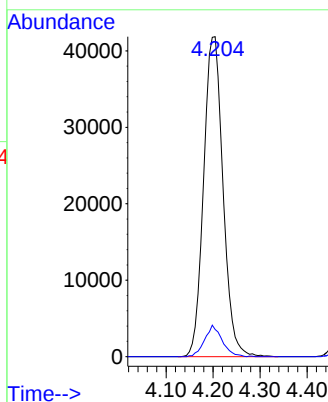
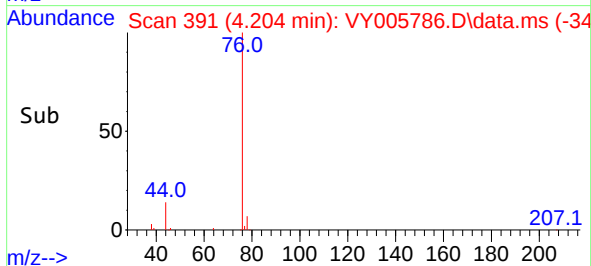
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



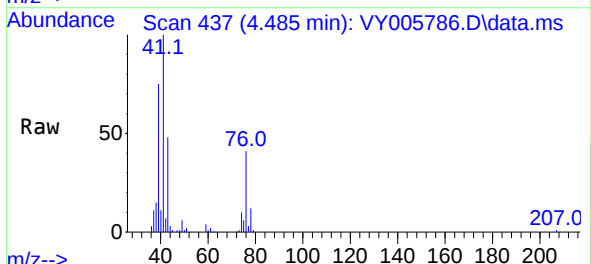
Tgt Ion: 76 Resp: 119742  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.0 10.6

Manual Integrations  
APPROVED

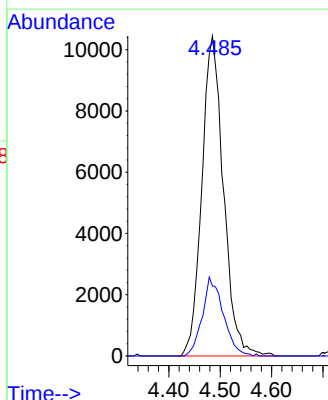
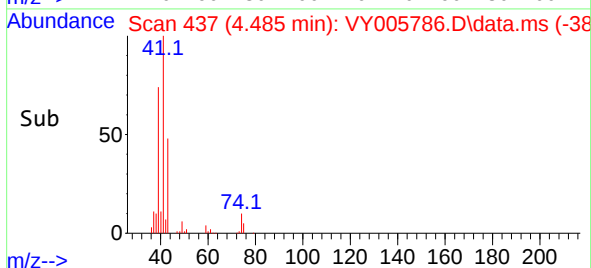
SAM  
8/23/2021 11:05:26 AM

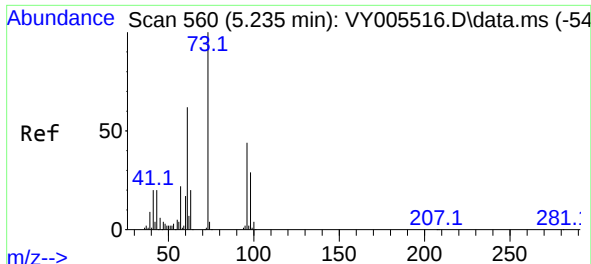


#18  
Methyl Acetate  
Concen: 22.895 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 43 Resp: 30536  
Ion Ratio Lower Upper  
43 100  
74 23.8 19.0 28.6





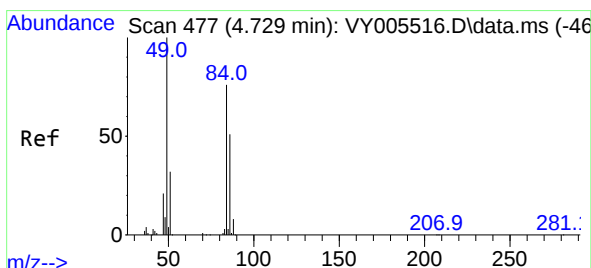
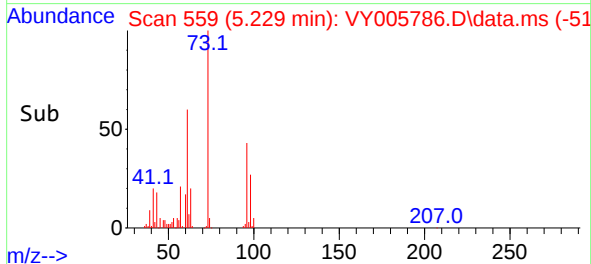
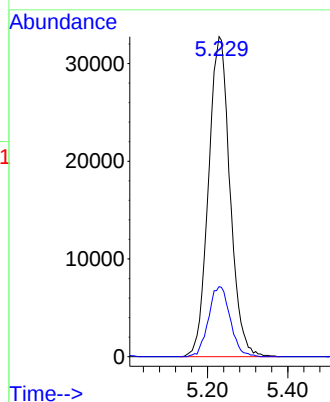
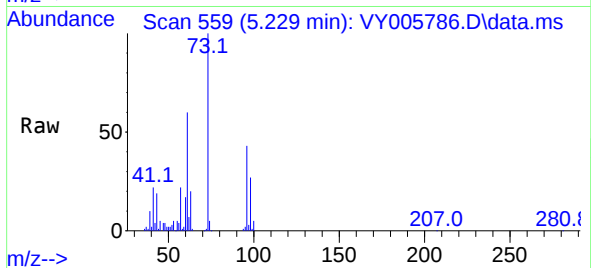
#19  
Methyl tert-butyl Ether  
Concen: 22.842 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 73 Resp: 121857  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.7 26.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

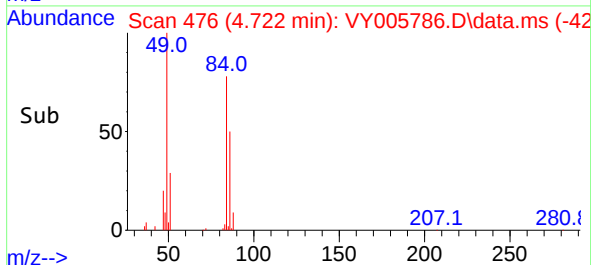
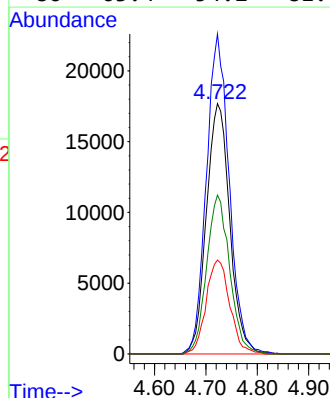
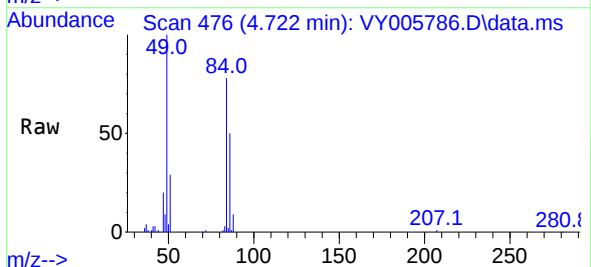
Manual Integrations  
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#20  
Methylene Chloride  
Concen: 24.534 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. -0.007 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 84 Resp: 55835  
Ion Ratio Lower Upper  
84 100  
49 127.8 105.8 158.6  
51 37.5 33.4 50.2  
86 63.4 54.2 81.4





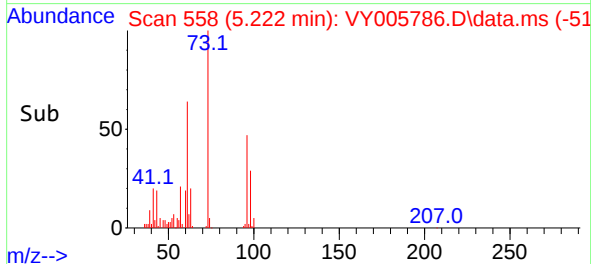
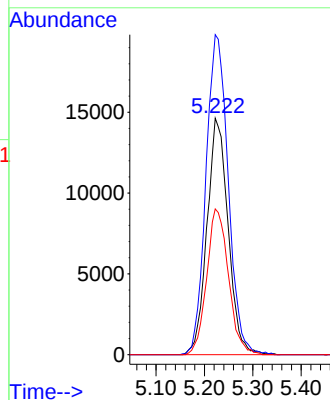
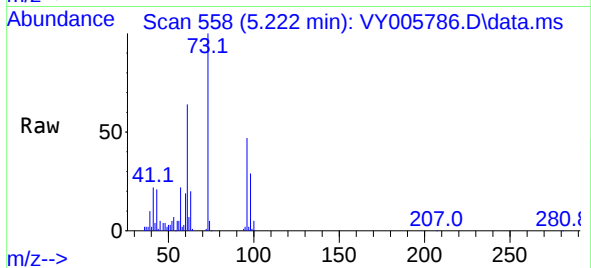
#21  
trans-1,2-Dichloroethene  
Concen: 23.100 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. -0.012 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 96 Resp: 44473  
Ion Ratio Lower Upper  
96 100  
61 135.3 112.6 168.8  
98 61.6 52.2 78.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

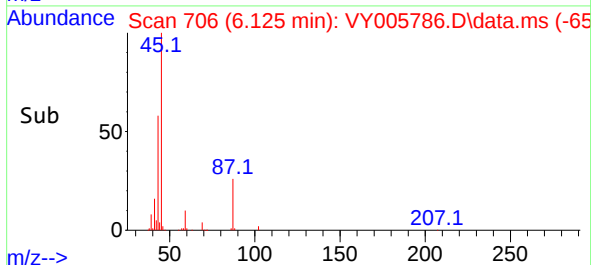
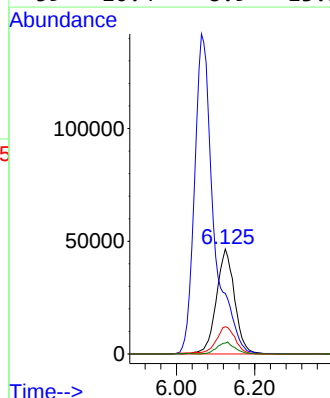
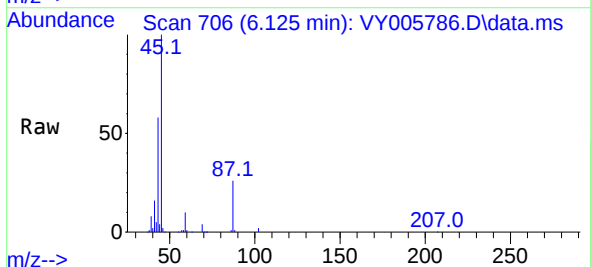
Manual Integrations  
APPROVED

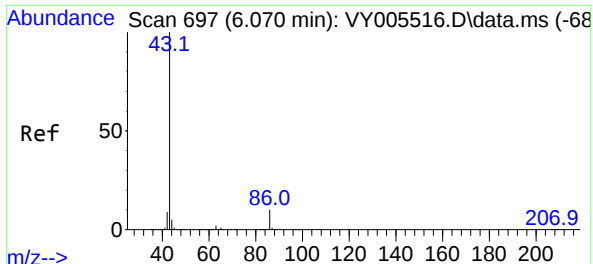
SAM  
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#22  
Diisopropyl ether  
Concen: 24.224 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 45 Resp: 150730  
Ion Ratio Lower Upper  
45 100  
43 57.4 44.2 66.2  
87 26.0 21.6 32.4  
59 10.4 8.9 13.3





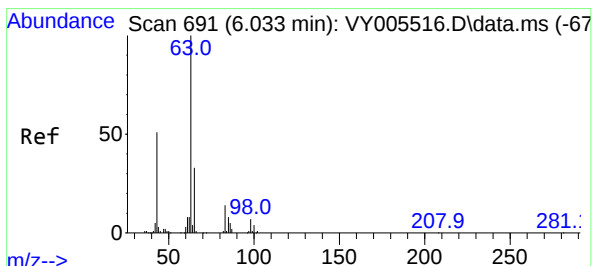
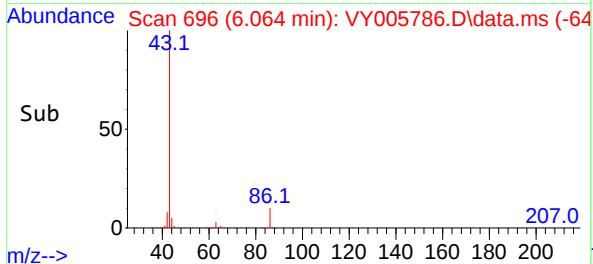
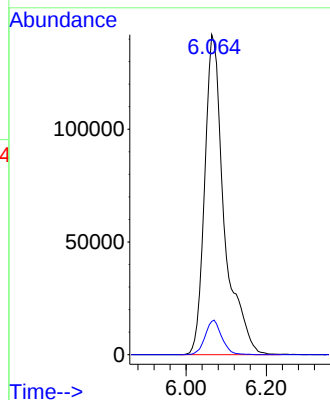
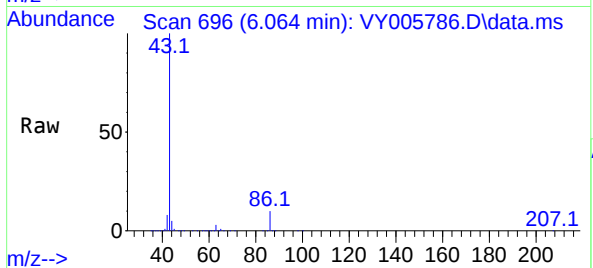
#23  
Vinyl Acetate  
Concen: 116.207 ug/l  
RT: 6.064 min Scan# 696  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 43 Resp: 481207  
Ion Ratio Lower Upper  
43 100  
86 10.4 8.4 12.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

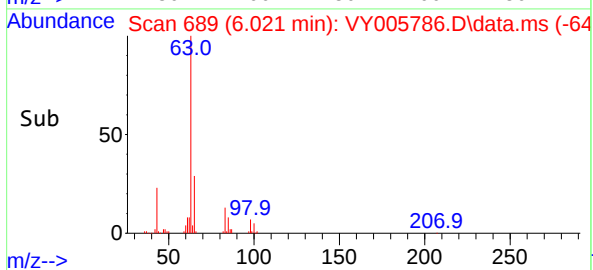
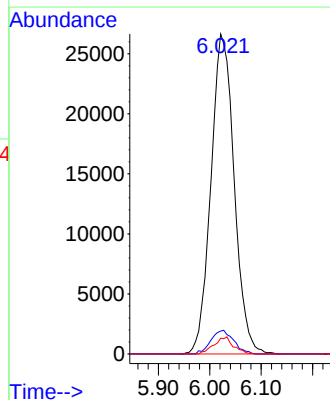
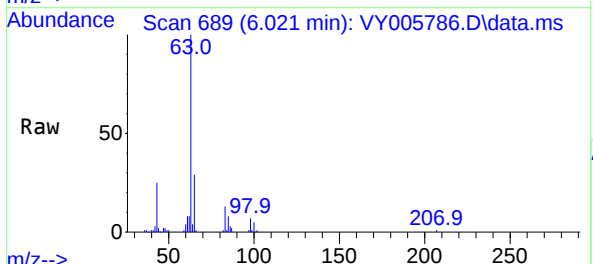
Manual Integrations  
APPROVED

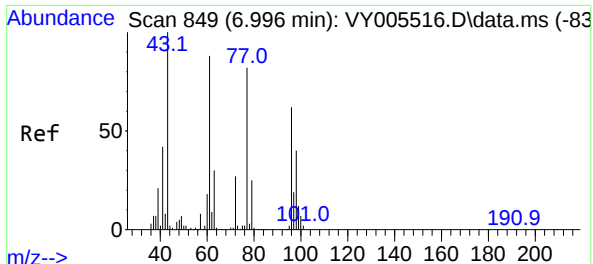
SAM  
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#24  
1,1-Dichloroethane  
Concen: 24.271 ug/l  
RT: 6.021 min Scan# 689  
Delta R.T. -0.012 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 63 Resp: 83695  
Ion Ratio Lower Upper  
63 100  
98 7.2 3.4 10.1  
100 5.0 2.1 6.5





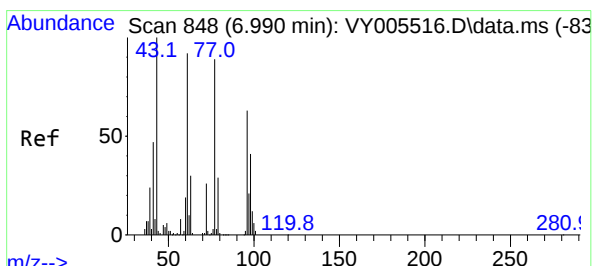
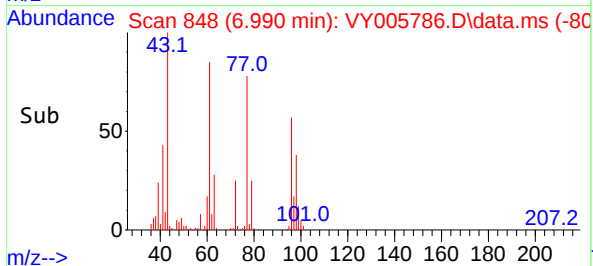
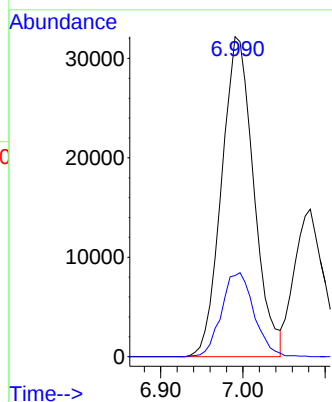
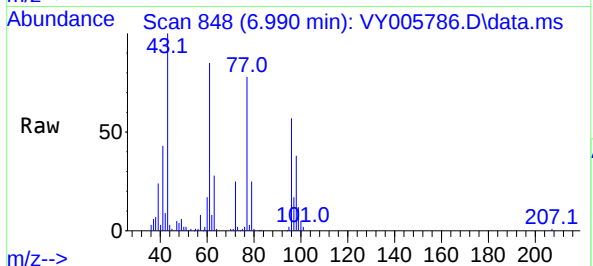
#25  
2-Butanone  
Concen: 116.081 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01

Tgt Ion: 43 Resp: 87505  
Ion Ratio Lower Upper  
43 100  
72 25.4 21.4 32.2

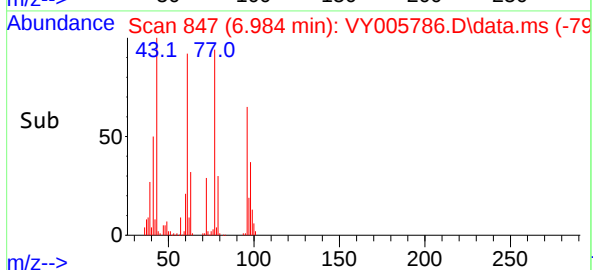
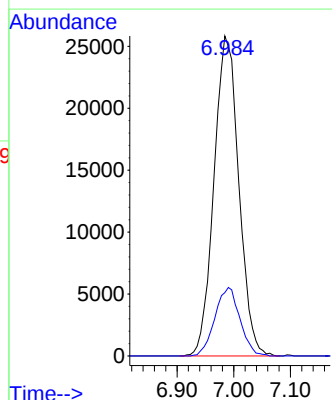
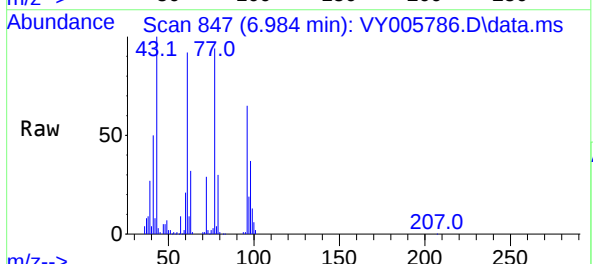
Manual Integrations  
APPROVED

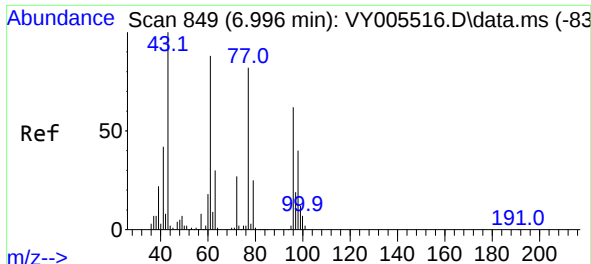
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#26  
2,2-Dichloropropane  
Concen: 24.923 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

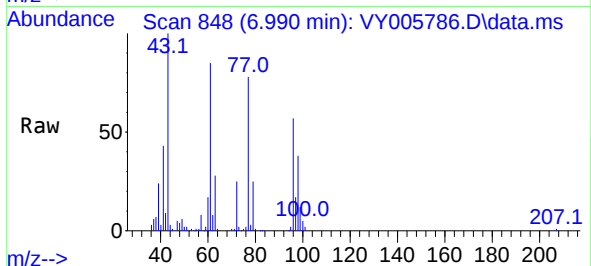
Tgt Ion: 77 Resp: 78522  
Ion Ratio Lower Upper  
77 100  
97 21.6 11.4 34.1





#27  
cis-1,2-Dichloroethene  
Concen: 23.238 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

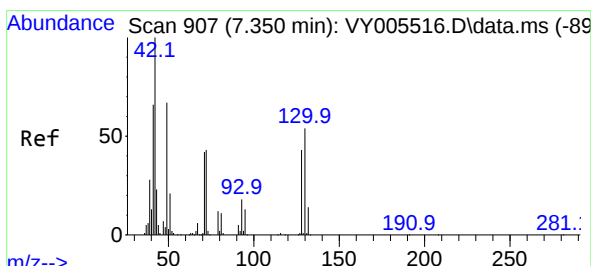
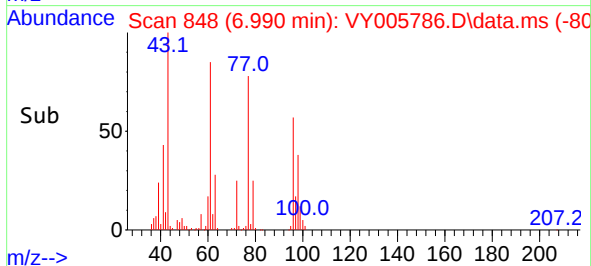
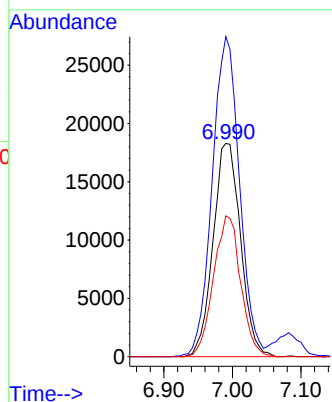
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



Tgt Ion: 96 Resp: 50885  
Ion Ratio Lower Upper  
96 100  
61 149.2 0.0 290.0  
98 65.1 0.0 128.0

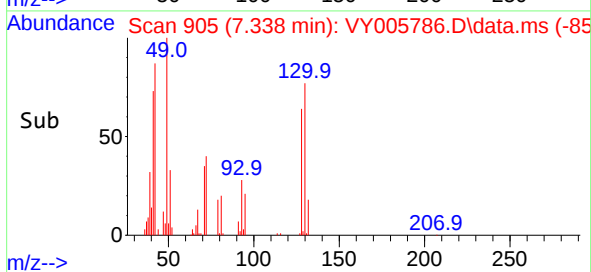
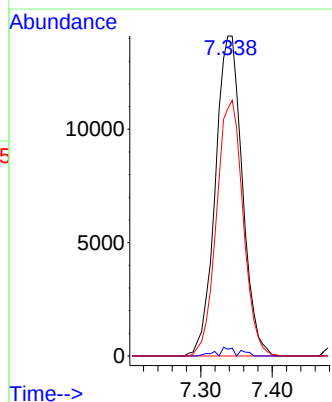
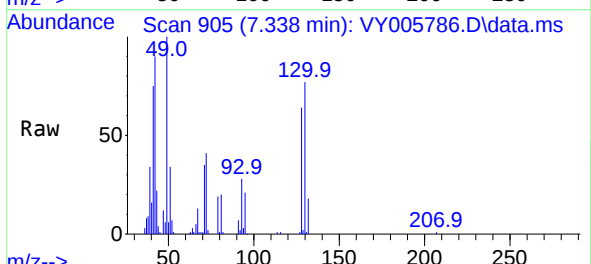
Manual Integrations  
APPROVED

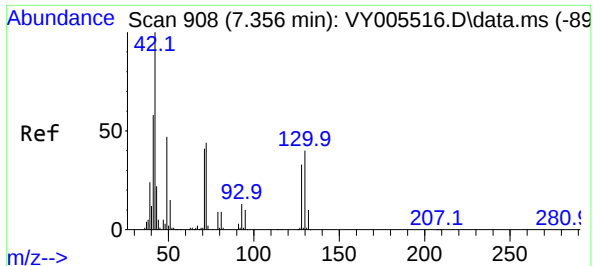
SAM  
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#28  
Bromochloromethane  
Concen: 26.831 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.012 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 49 Resp: 36928  
Ion Ratio Lower Upper  
49 100  
129 1.5 0.0 4.0  
130 78.7 64.0 96.0





#29  
Tetrahydrofuran  
Concen: 109.715 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

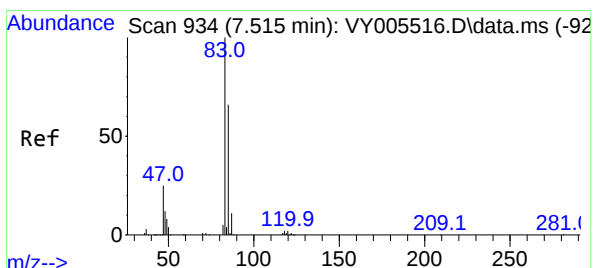
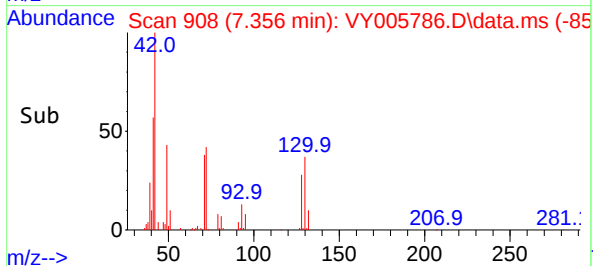
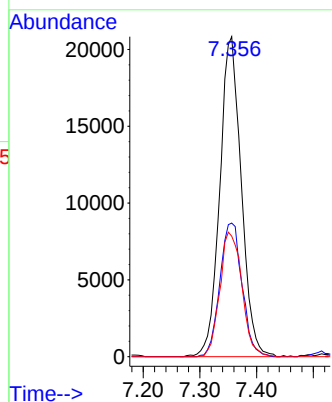
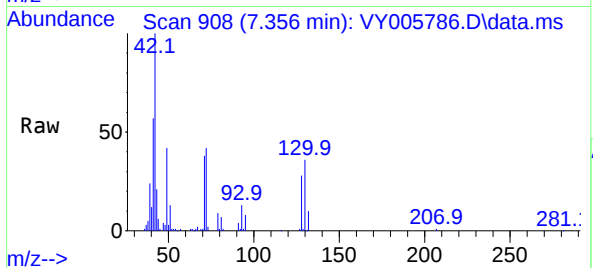
Tgt Ion: 42 Resp: 54703  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 43.1  | 35.0  | 52.4  |
| 71  | 40.0  | 33.3  | 49.9  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

Manual Integrations  
APPROVED

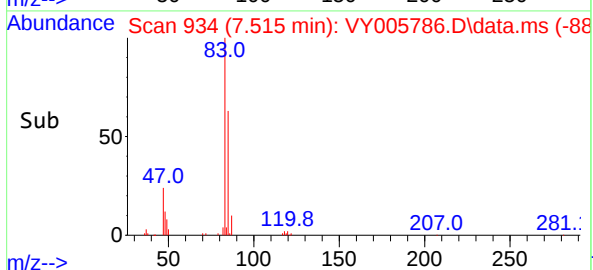
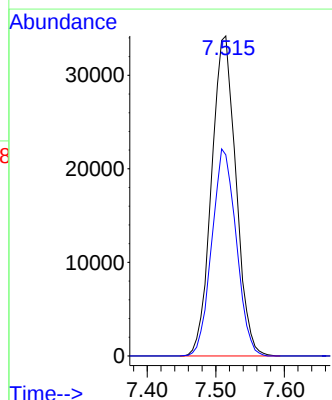
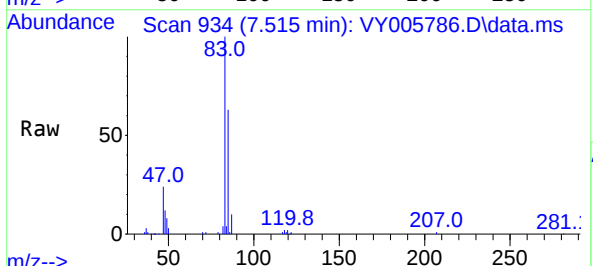
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8/23/2021 11:05:26 AM

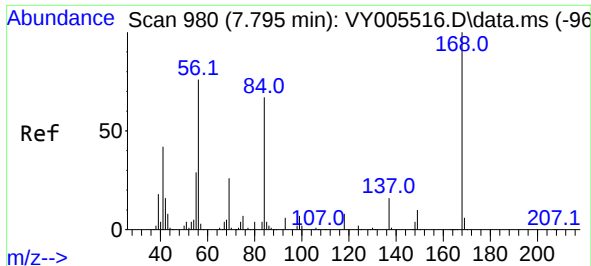


#30  
Chloroform  
Concen: 24.041 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 83 Resp: 84615  

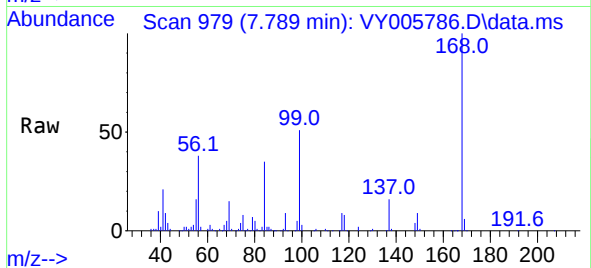
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.8  | 52.7  | 79.1  |





#31  
Cyclohexane  
Concen: 23.150 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

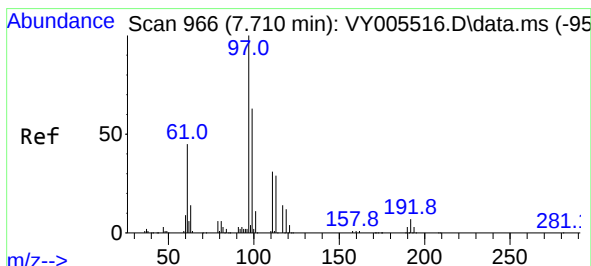
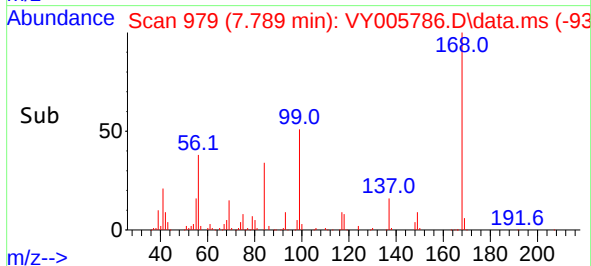
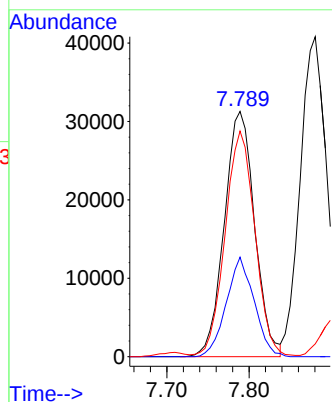
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



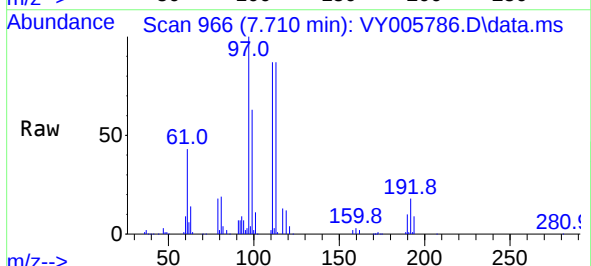
Tgt Ion: 56 Resp: 80318  
Ion Ratio Lower Upper  
56 100  
69 40.6 27.7 41.5  
84 90.6 70.9 106.3

Manual Integrations  
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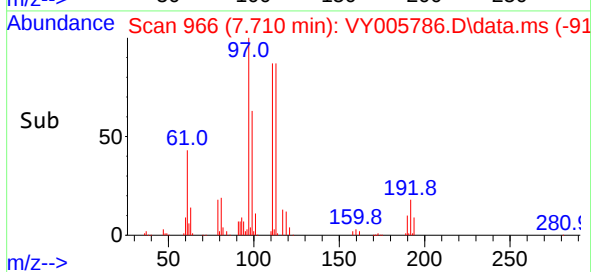
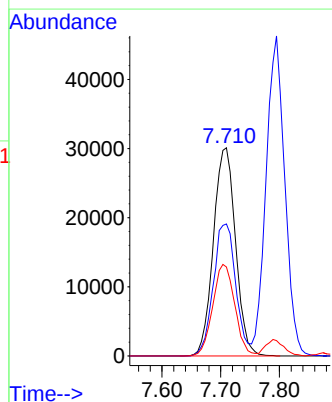
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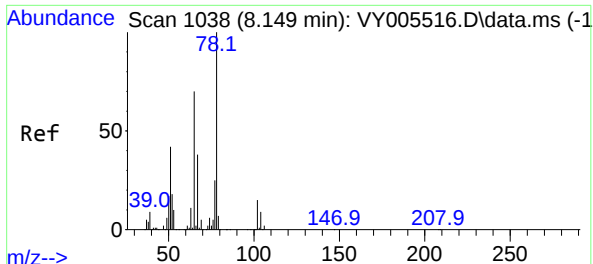


#32  
1,1,1-Trichloroethane  
Concen: 24.349 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 97 Resp: 78777  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.1 76.7  
61 43.7 35.0 52.6





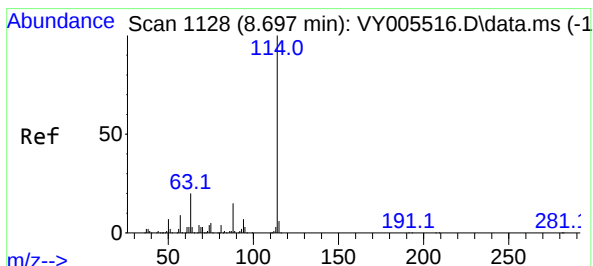
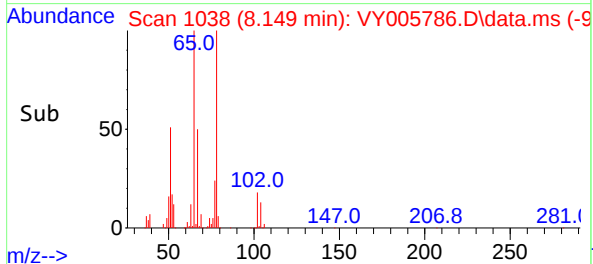
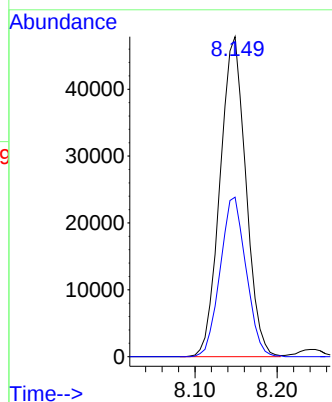
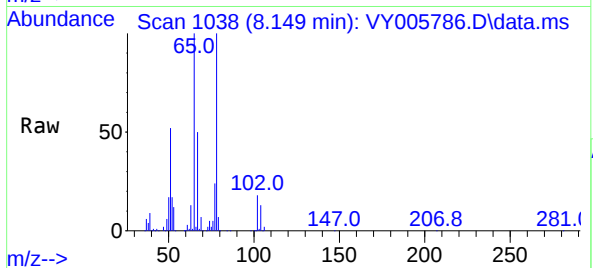
#33  
1,2-Dichloroethane-d4  
Concen: 51.552 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 65 Resp: 104272  
Ion Ratio Lower Upper  
65 100  
67 50.1 0.0 103.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

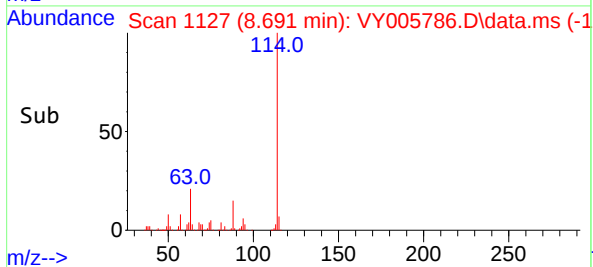
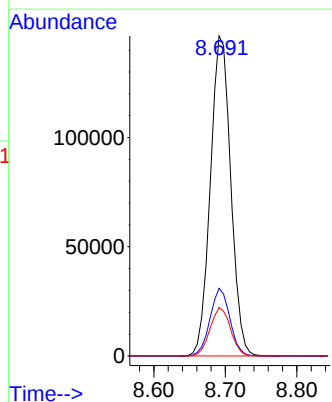
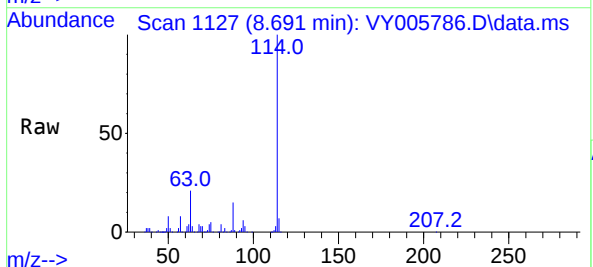
Manual Integrations  
APPROVED

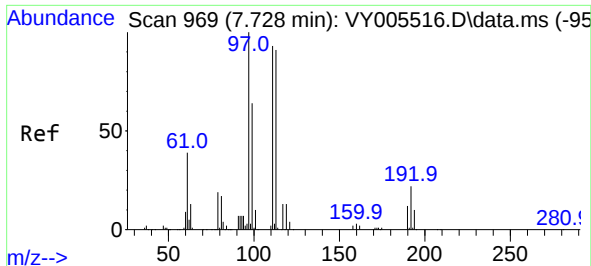
SAM  
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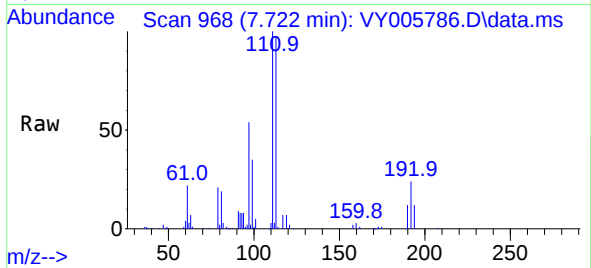
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 114 Resp: 289655  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 39.2  
88 15.2 0.0 30.8

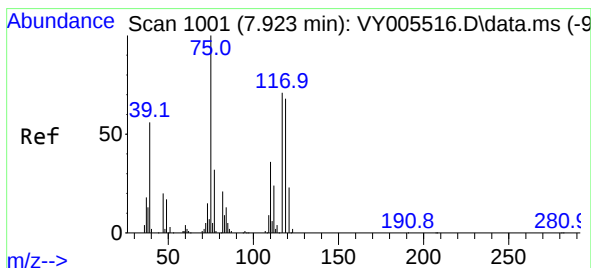
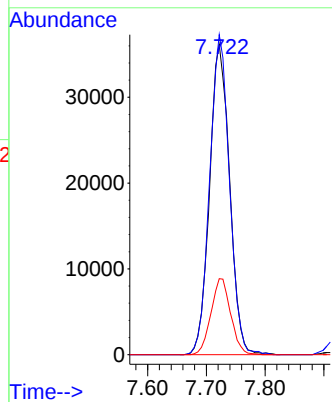
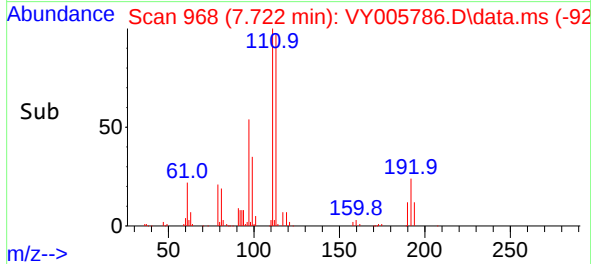




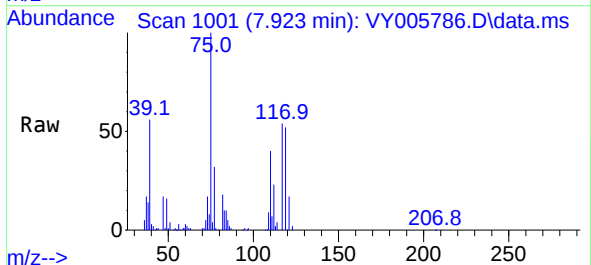
#35  
Dibromofluoromethane  
Concen: 52.955 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



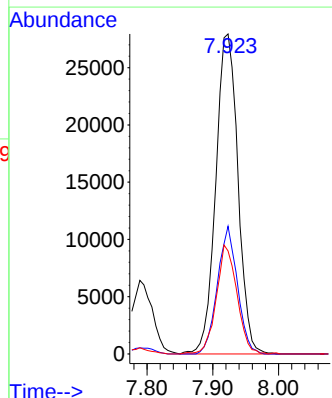
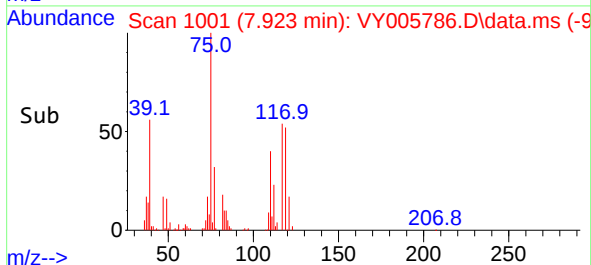
Tgt Ion: 113 Resp: 85878  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.9 122.9  
192 24.0 19.2 28.8



#36  
1,1-Dichloropropene  
Concen: 24.168 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



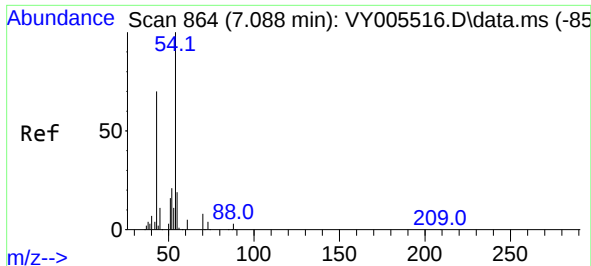
Tgt Ion: 75 Resp: 65658  
Ion Ratio Lower Upper  
75 100  
110 36.0 18.1 54.1  
77 31.6 25.1 37.7



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

Manual Integrations  
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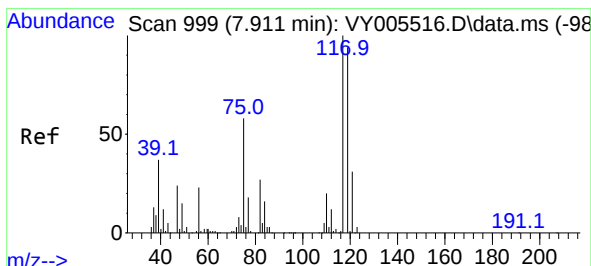
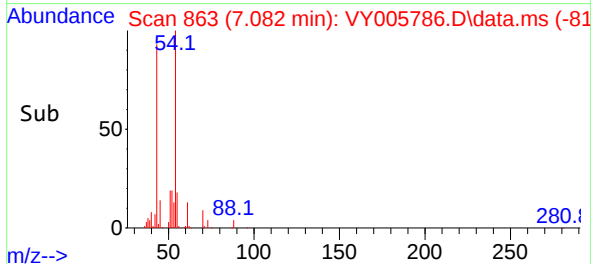
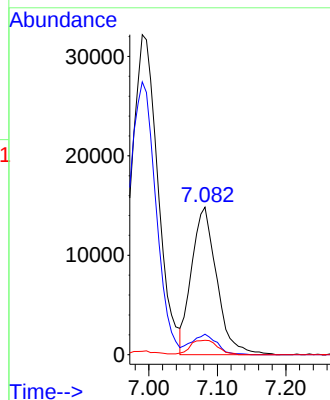
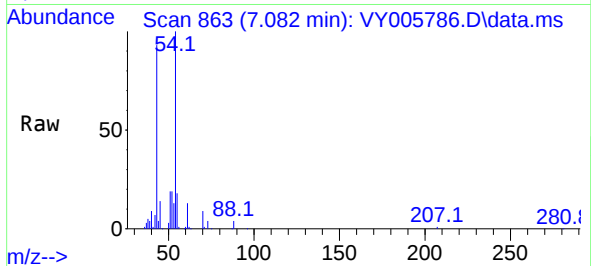
#37  
Ethyl Acetate  
Concen: 23.045 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 37929 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.4  | 10.6  | 15.8  |
| 70       | 10.6  | 8.6   | 13.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

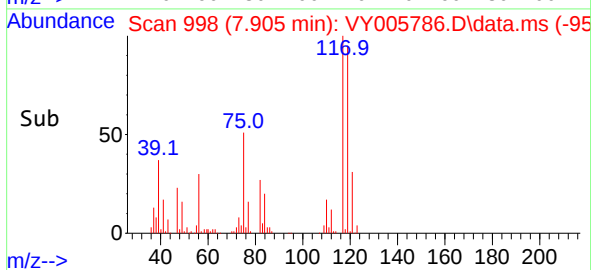
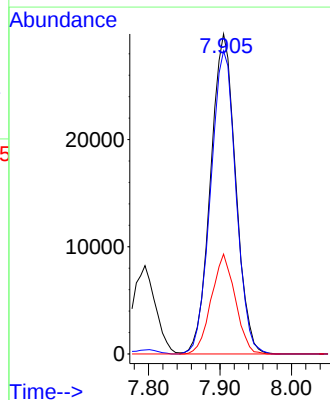
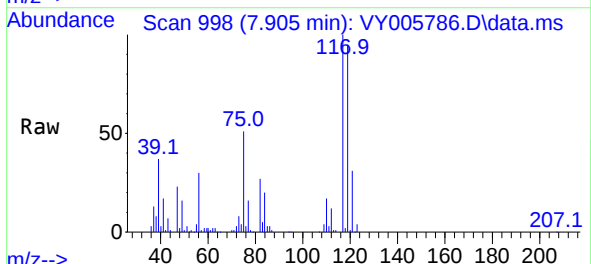
Manual Integrations  
APPROVED

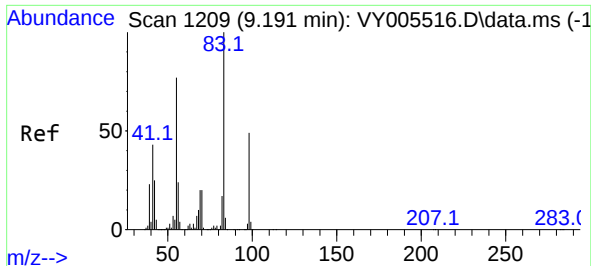
SAM  
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#38  
Carbon Tetrachloride  
Concen: 24.594 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

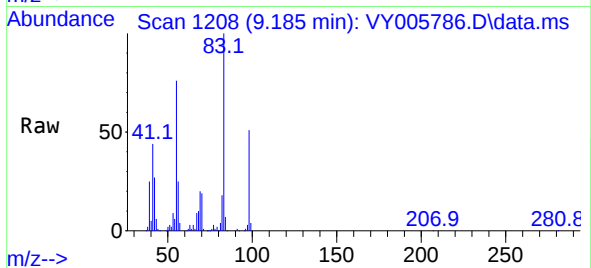
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 72619 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.7  | 75.4  | 113.0 |
| 121      | 31.2  | 25.1  | 37.7  |





#39  
Methylcyclohexane  
Concen: 23.195 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

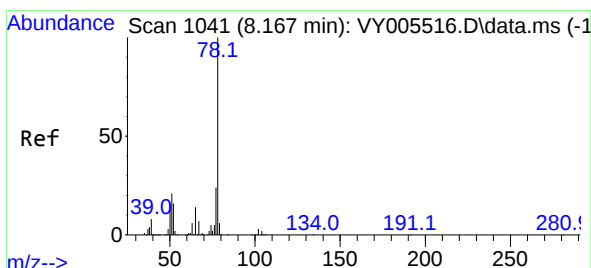
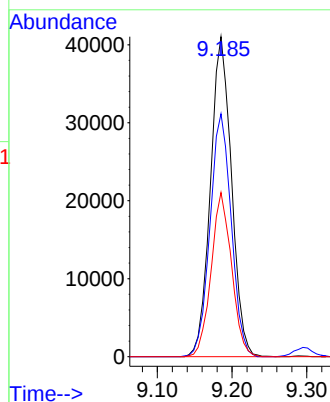
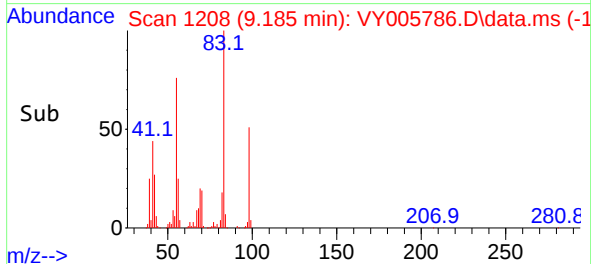
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



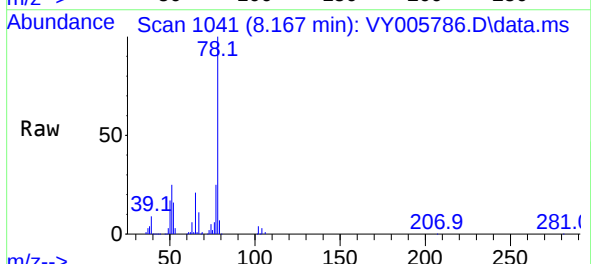
Tgt Ion: 83 Resp: 80172  
Ion Ratio Lower Upper  
83 100  
55 75.9 61.7 92.5  
98 51.3 38.9 58.3

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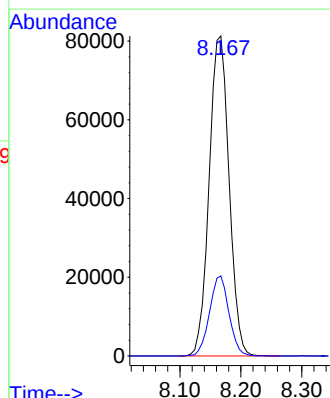
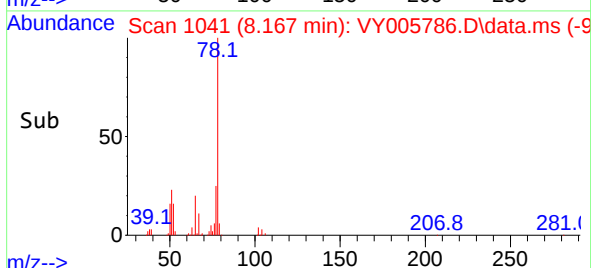
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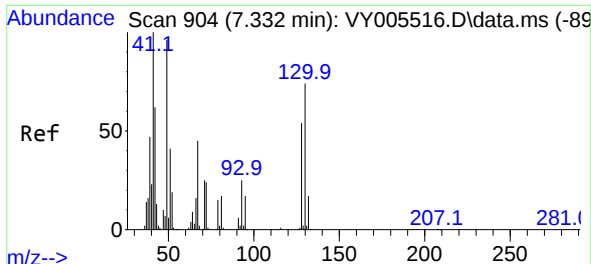


#40  
Benzene  
Concen: 23.718 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 78 Resp: 184521  
Ion Ratio Lower Upper  
78 100  
77 25.0 19.6 29.4





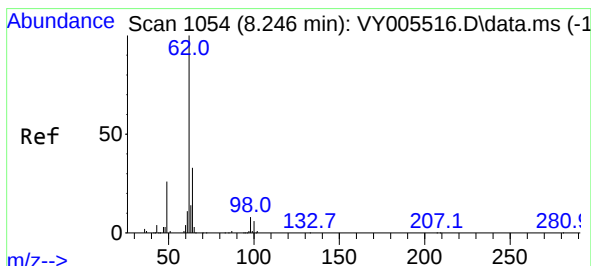
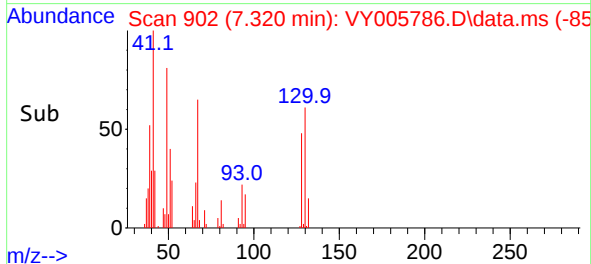
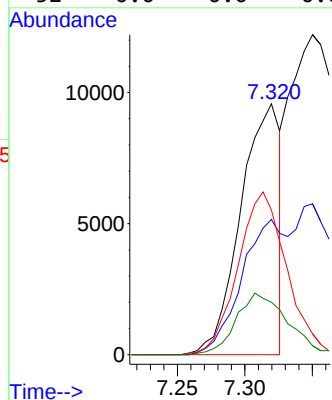
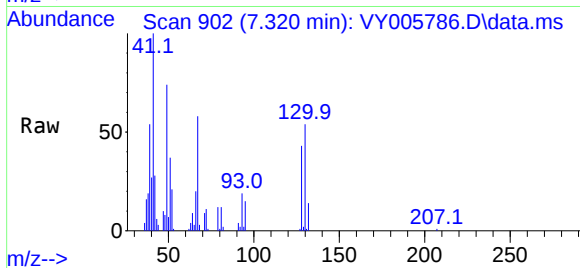
#41  
Methacrylonitrile  
Concen: 21.984 ug/l m  
RT: 7.320 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 19632 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 0.0   | 0.0   | 0.0   |
| 67        | 0.0   | 0.0   | 0.0   |
| 52        | 0.0   | 0.0   | 0.0   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

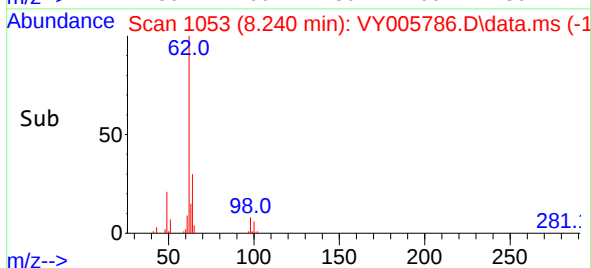
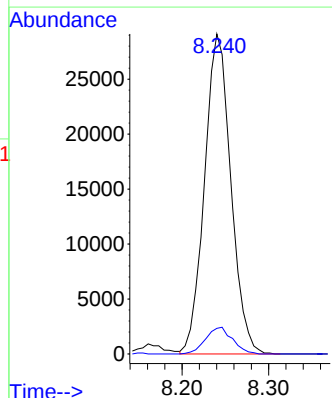
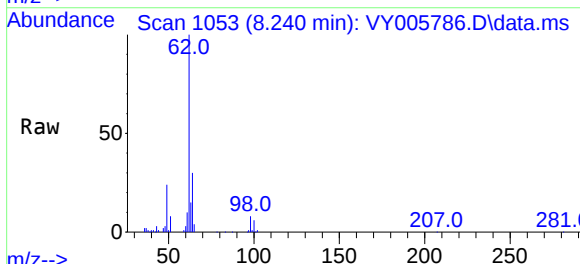
Manual Integrations  
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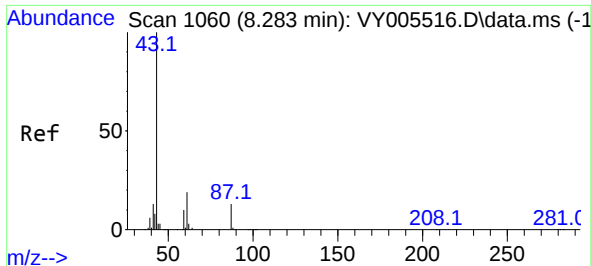
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#42  
1,2-Dichloroethane  
Concen: 24.381 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 61527 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.5   | 0.0   | 18.4  |





#43

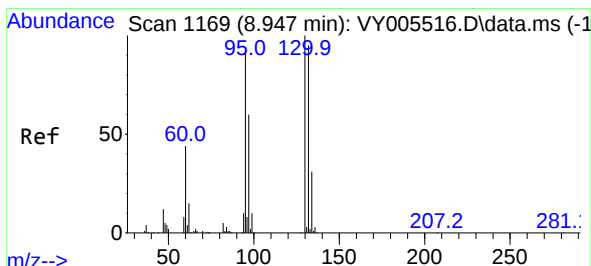
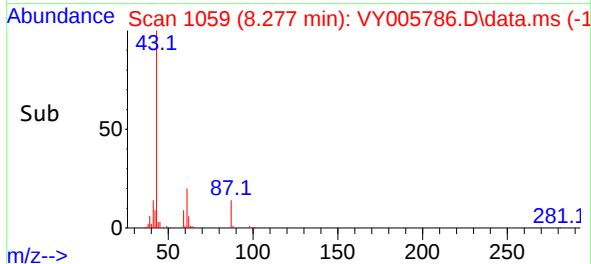
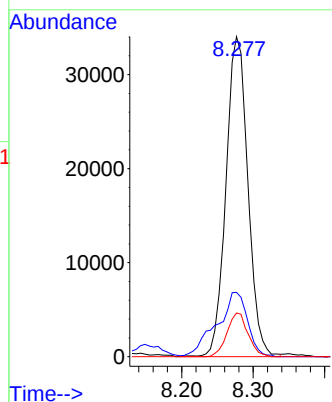
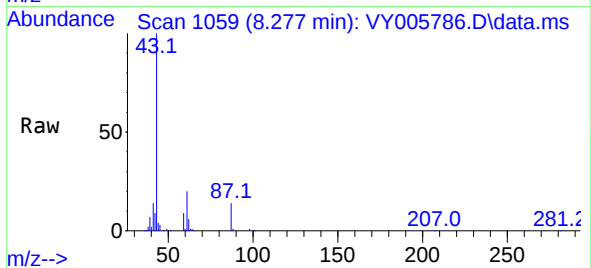
Isopropyl Acetate  
Concen: 23.248 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 72441 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 28.2  | 23.0  | 34.6  |
| 87       | 13.0  | 10.6  | 16.0  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

Manual Integrations  
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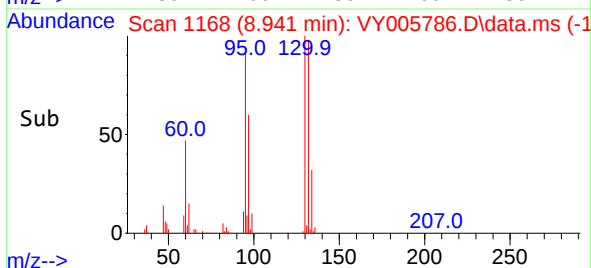
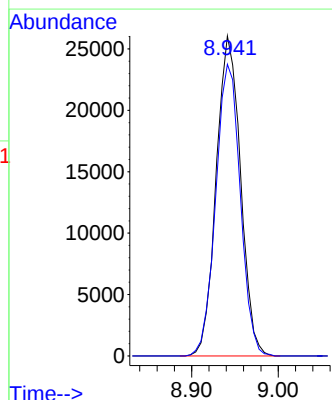
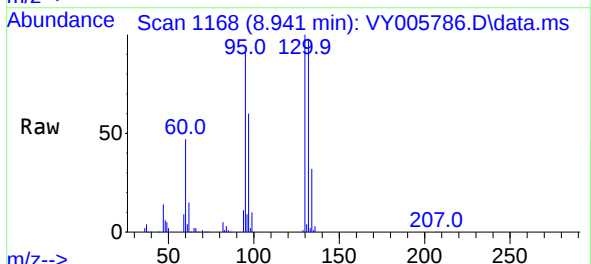
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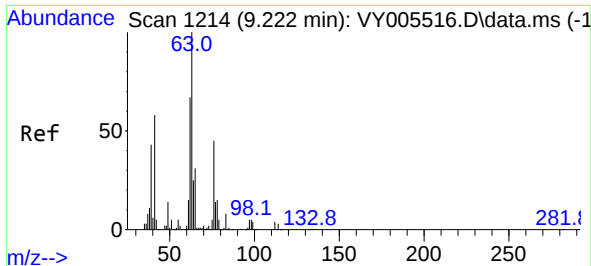


#44

Trichloroethene  
Concen: 23.945 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 50844 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 91.2  | 0.0   | 185.0 |





#45

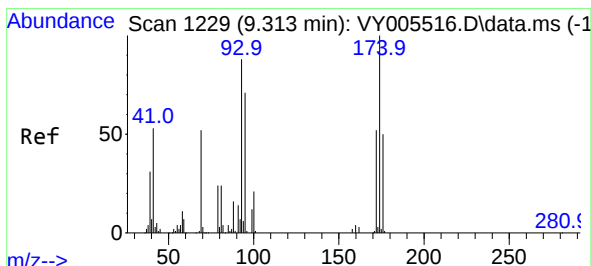
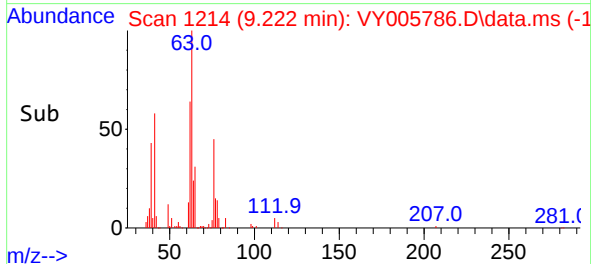
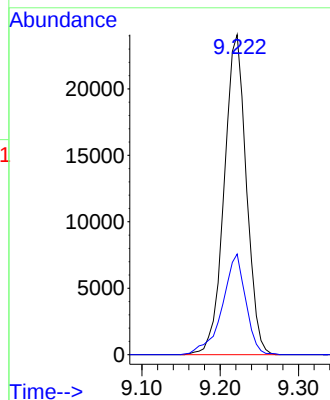
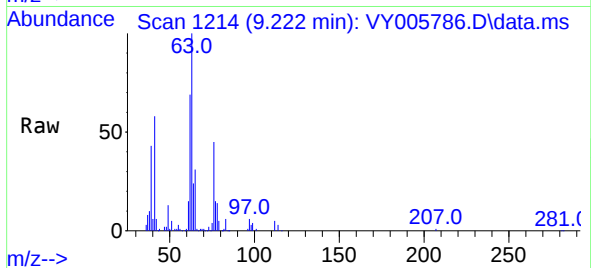
1,2-Dichloropropane  
Concen: 24.273 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 63 Resp: 47243  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.9 37.3

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01

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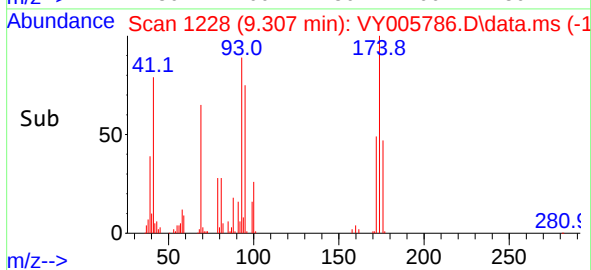
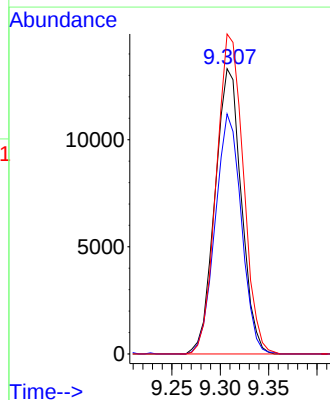
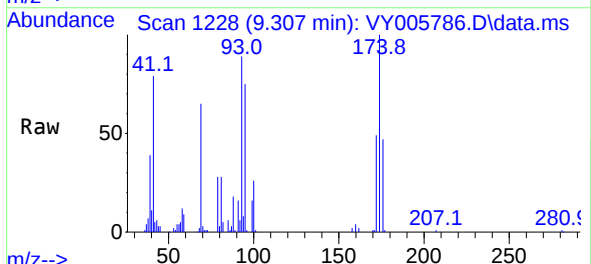
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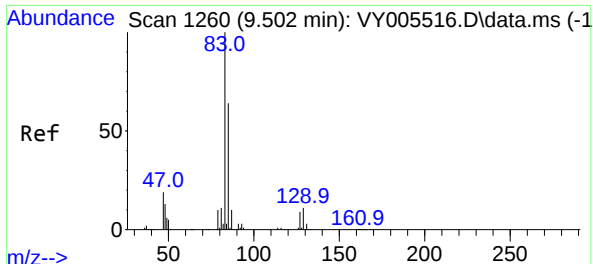


#46

Dibromomethane  
Concen: 23.469 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 93 Resp: 25257  
Ion Ratio Lower Upper  
93 100  
95 83.5 66.5 99.7  
174 114.6 93.8 140.6





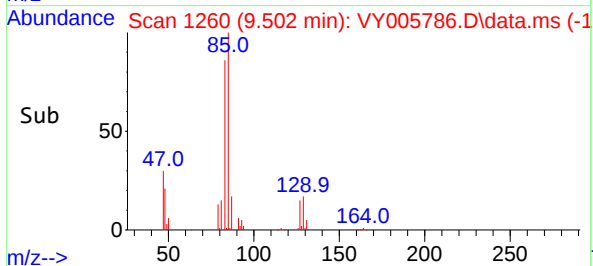
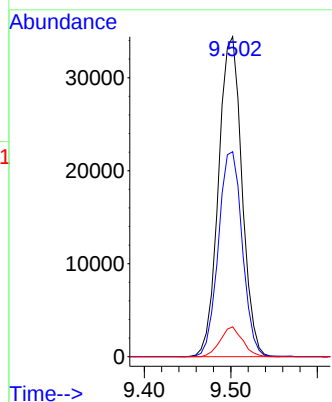
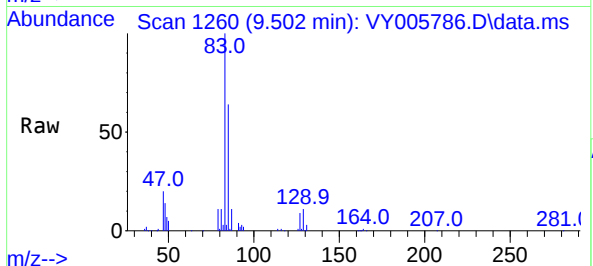
#47  
Bromodichloromethane  
Concen: 23.959 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 83 Resp: 64531  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.0 76.4  
127 9.4 7.0 10.4

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01

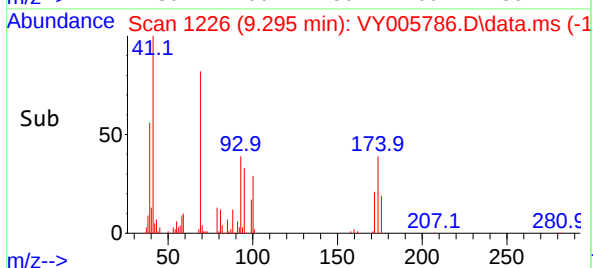
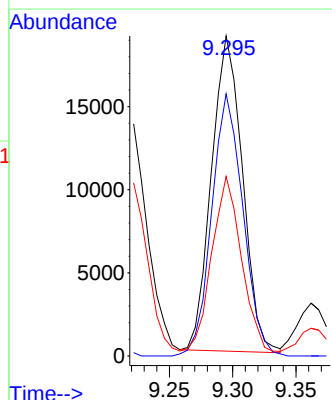
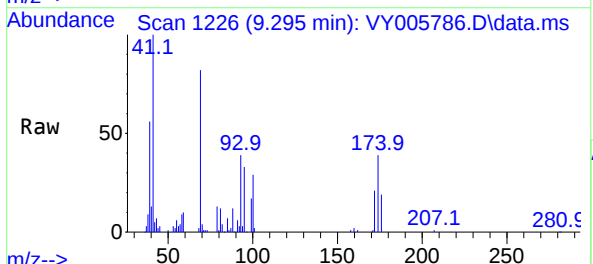
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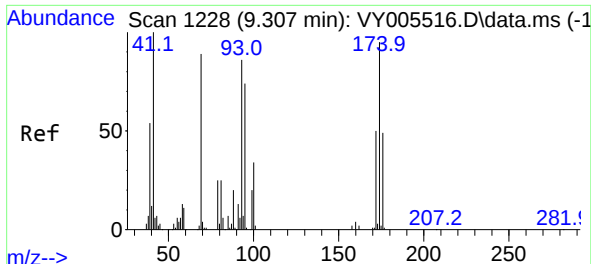
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#48  
Methyl methacrylate  
Concen: 22.938 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 41 Resp: 32302  
Ion Ratio Lower Upper  
41 100  
69 83.8 69.0 103.4  
39 53.6 46.0 69.0





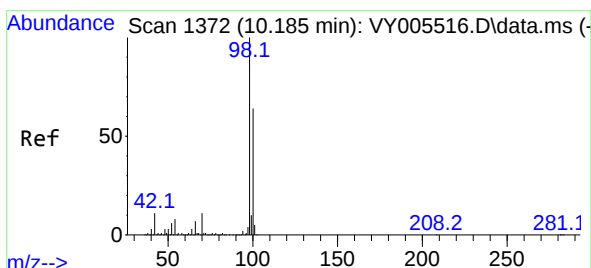
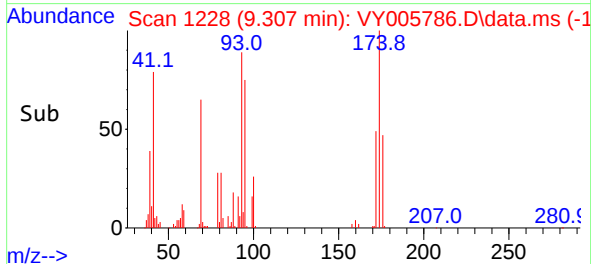
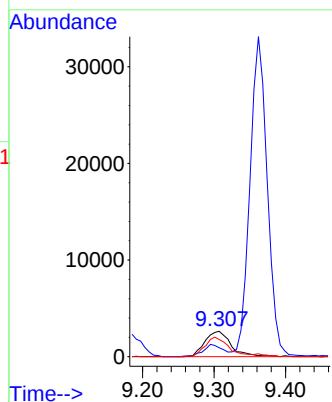
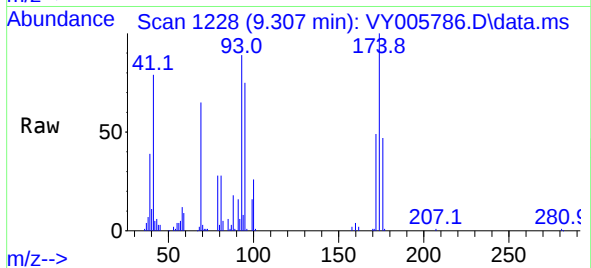
#49  
1,4-Dioxane  
Concen: 450.569 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 88 Resp: 6739  
Ion Ratio Lower Upper  
88 100  
43 35.1 27.0 40.4  
58 74.3 53.8 80.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

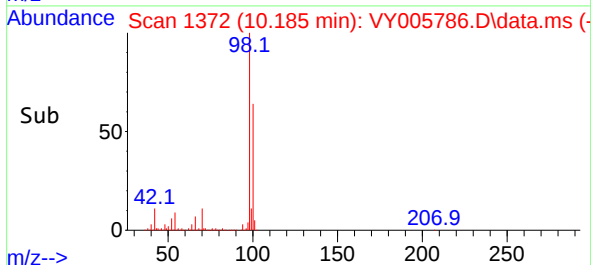
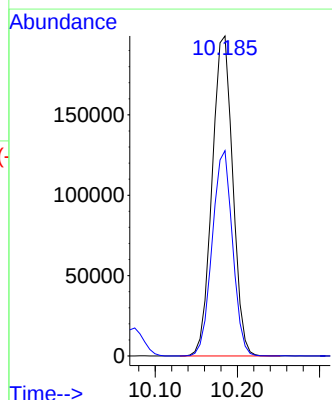
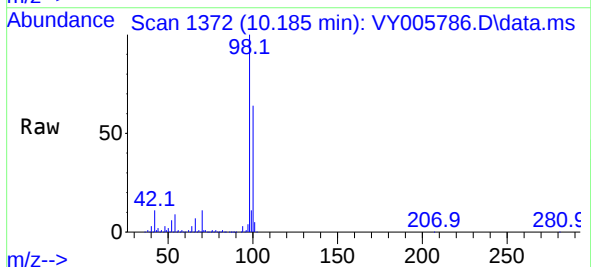
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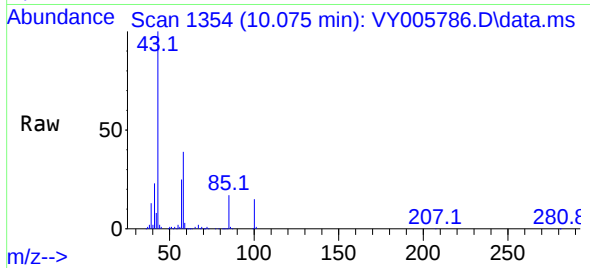
#50  
Toluene-d8  
Concen: 51.022 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 98 Resp: 347015  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.3 76.9

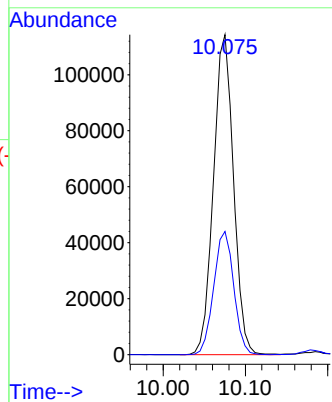
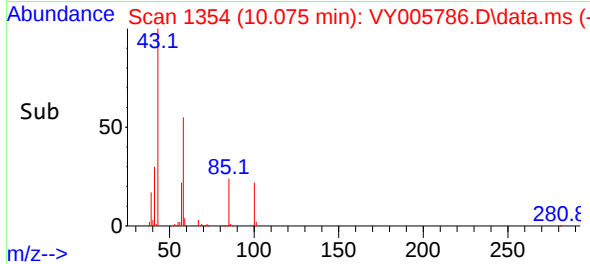




#51  
4-Methyl-2-Pentanone  
Concen: 117.981 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



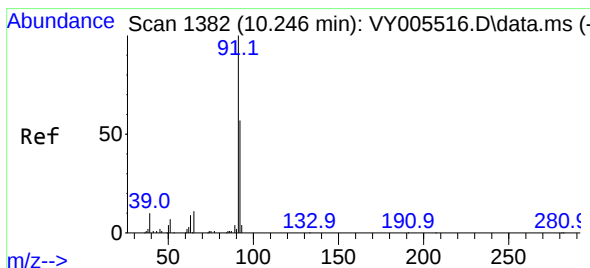
Tgt Ion: 43 Resp: 193605  
Ion Ratio Lower Upper  
43 100  
58 38.5 31.4 47.2



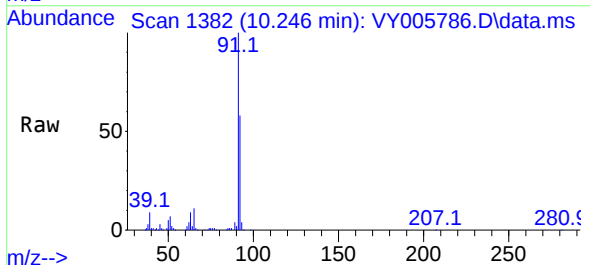
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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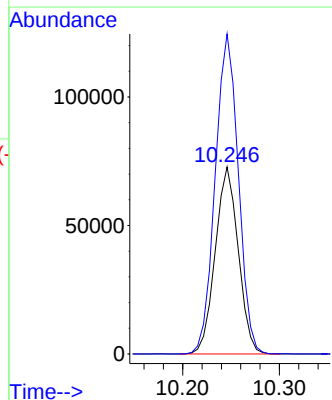
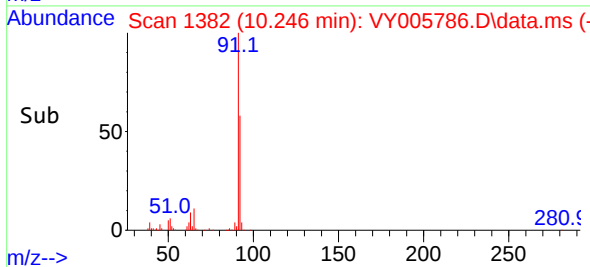
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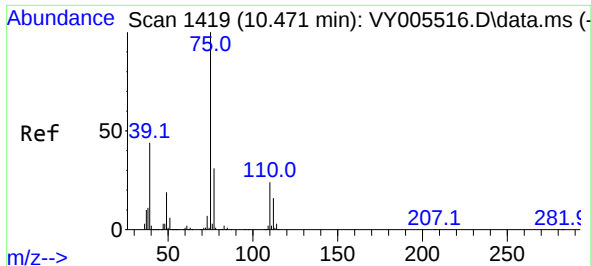


#52  
Toluene  
Concen: 24.188 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 92 Resp: 119990  
Ion Ratio Lower Upper  
92 100  
91 172.4 139.6 209.4





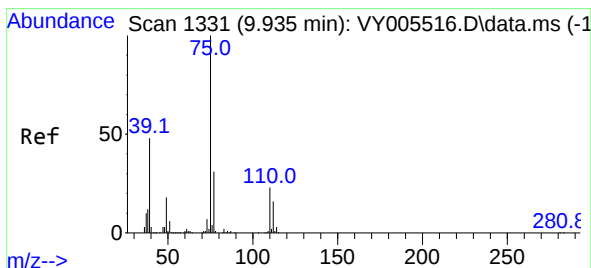
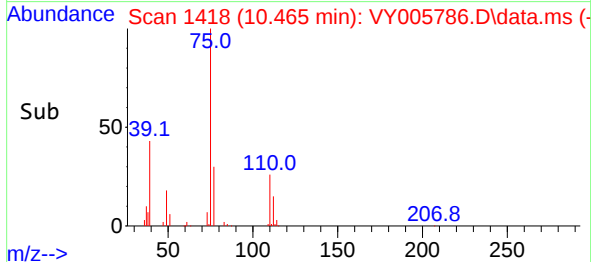
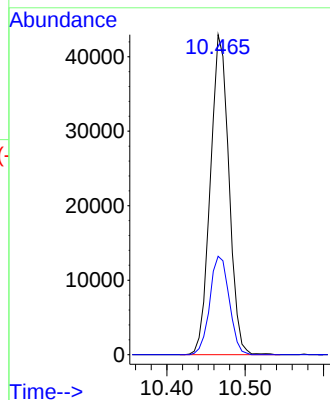
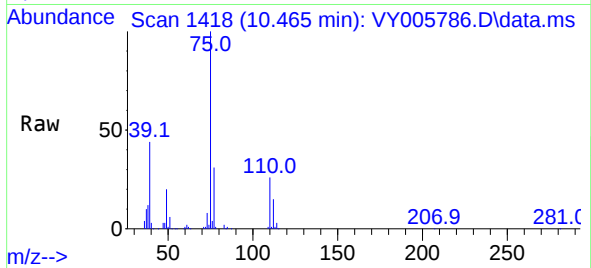
#53  
 t-1,3-Dichloropropene  
 Concen: 23.464 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. -0.006 min  
 Lab File: VY005786.D  
 Acq: 20 Aug 2021 12:20

Tgt Ion: 75 Resp: 70629  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 24.5 36.7

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VY0820SBS01

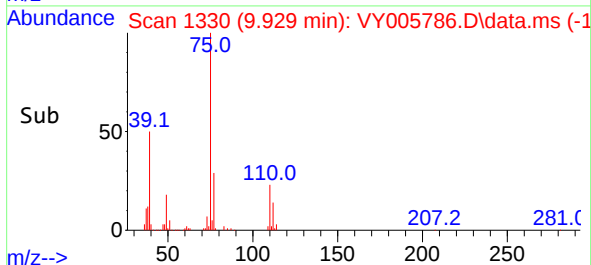
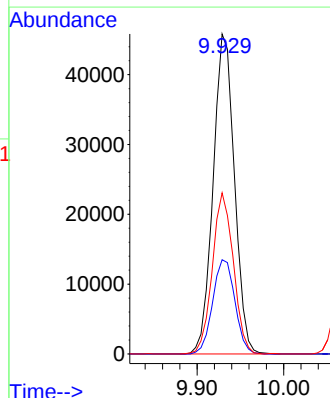
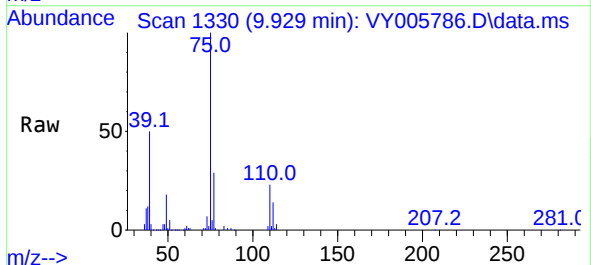
Manual Integrations  
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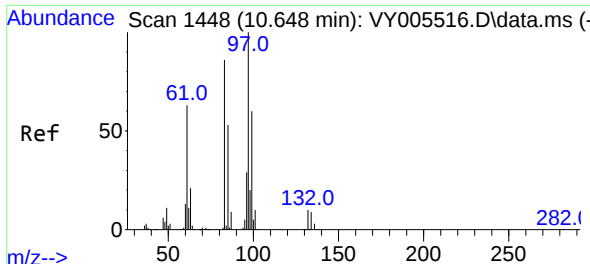
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#54  
 cis-1,3-Dichloropropene  
 Concen: 23.968 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. -0.006 min  
 Lab File: VY005786.D  
 Acq: 20 Aug 2021 12:20

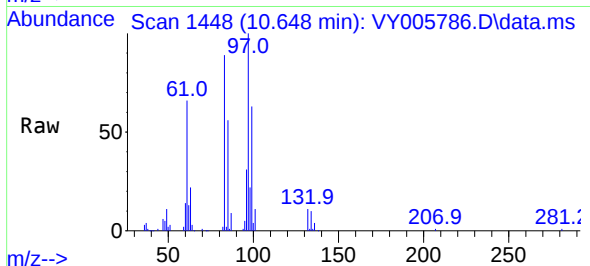
Tgt Ion: 75 Resp: 78294  
 Ion Ratio Lower Upper  
 75 100  
 77 29.5 24.6 36.8  
 39 50.3 38.1 57.1





#55  
1,1,2-Trichloroethane  
Concen: 23.583 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

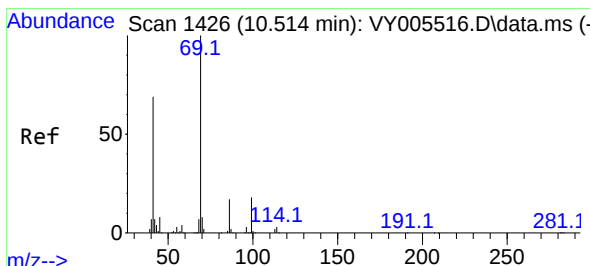
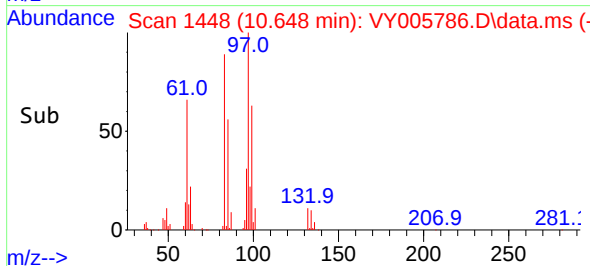
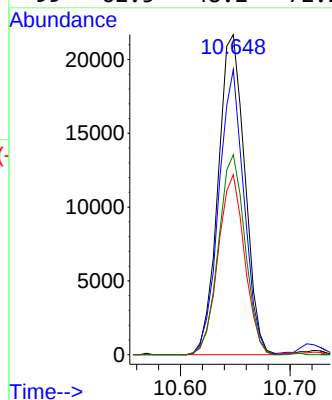
Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01



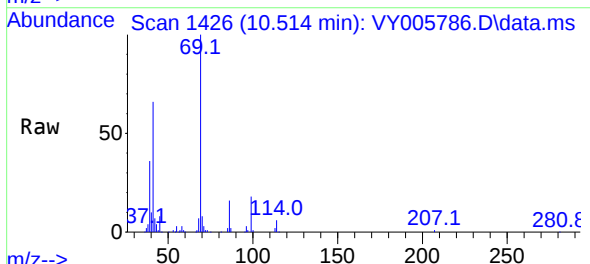
Tgt Ion: 97 Resp: 36721  
Ion Ratio Lower Upper  
97 100  
83 89.1 68.7 103.1  
85 56.3 42.4 63.6  
99 62.5 48.2 72.2

Manual Integrations  
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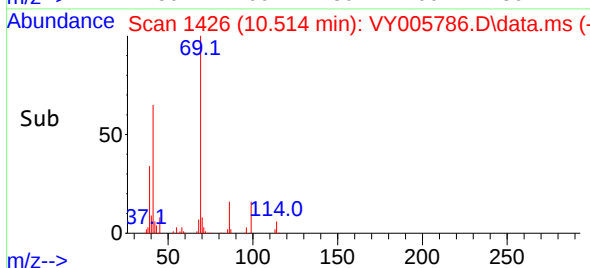
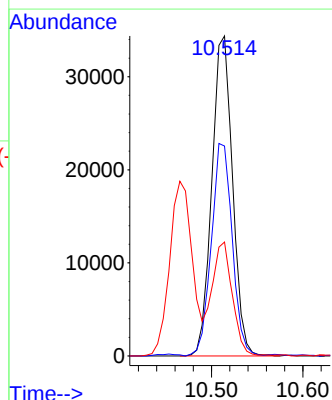
SAM  
8/23/2021 11:05:26 AM

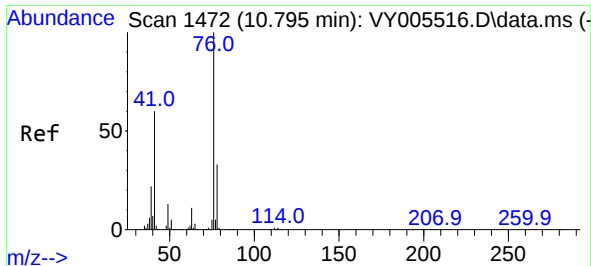


#56  
Ethyl methacrylate  
Concen: 23.156 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 69 Resp: 53990  
Ion Ratio Lower Upper  
69 100  
41 67.2 53.9 80.9  
39 34.9 27.0 40.4





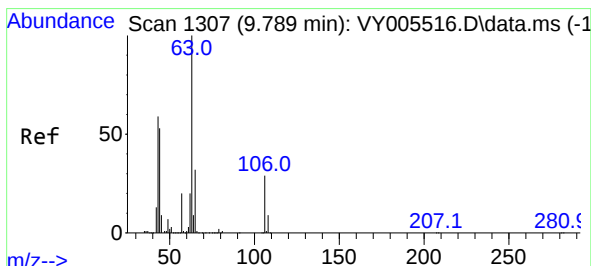
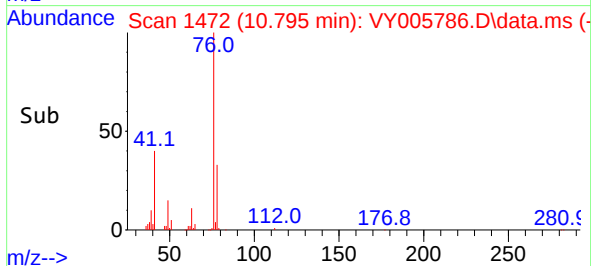
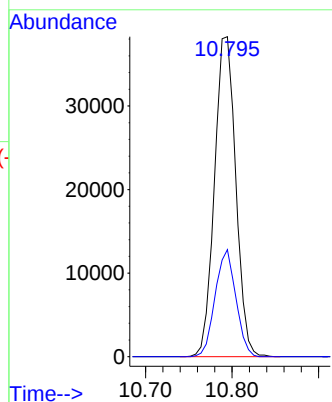
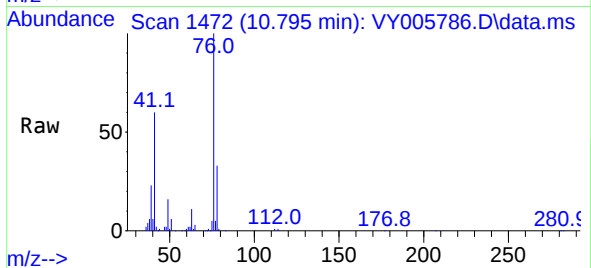
#57  
1,3-Dichloropropane  
Concen: 23.829 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 76 Resp: 65432  
Ion Ratio Lower Upper  
76 100  
78 32.5 25.7 38.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

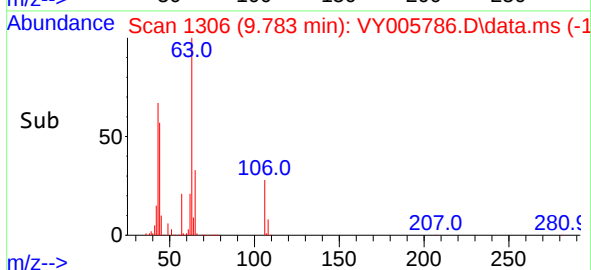
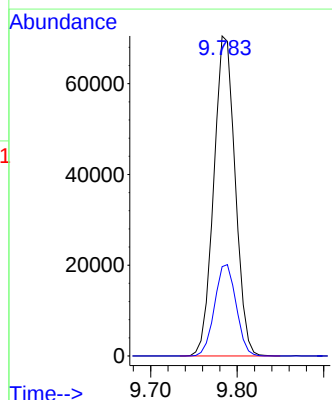
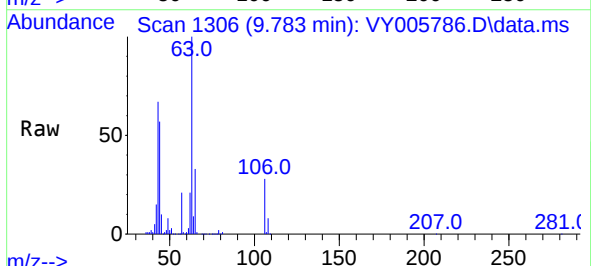
Manual Integrations  
APPROVED

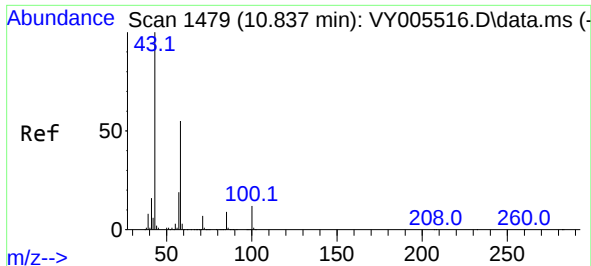
SAM  
8/23/2021 11:05:26 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 108.601 ug/l  
RT: 9.783 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 63 Resp: 120991  
Ion Ratio Lower Upper  
63 100  
106 28.7 23.1 34.7





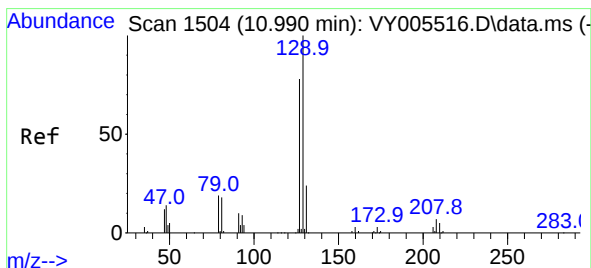
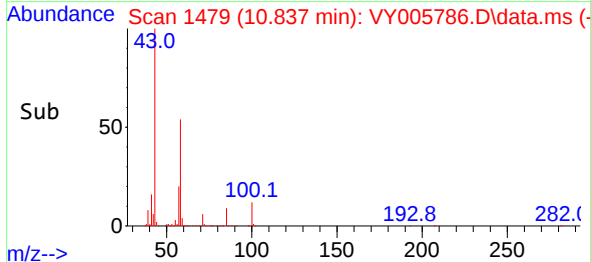
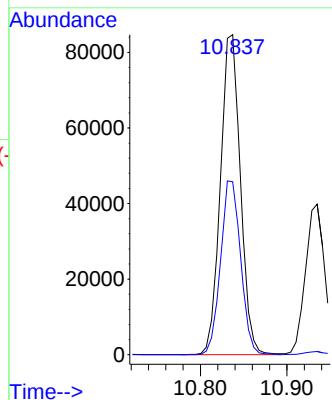
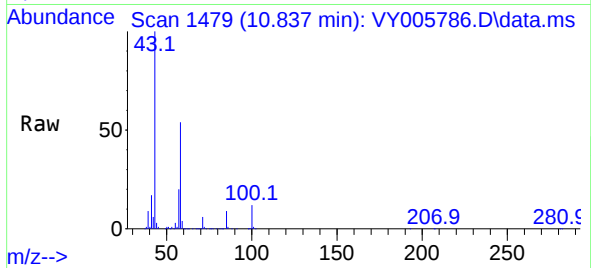
#59  
2-Hexanone  
Concen: 117.271 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 43 Resp: 136015  
Ion Ratio Lower Upper  
43 100  
58 54.5 27.1 81.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

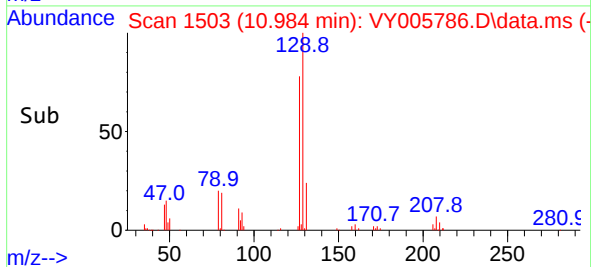
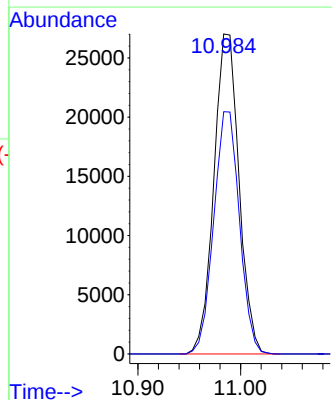
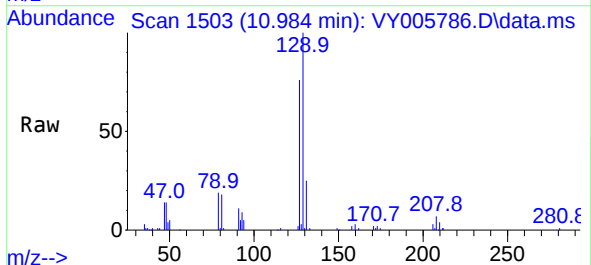
Manual Integrations  
APPROVED

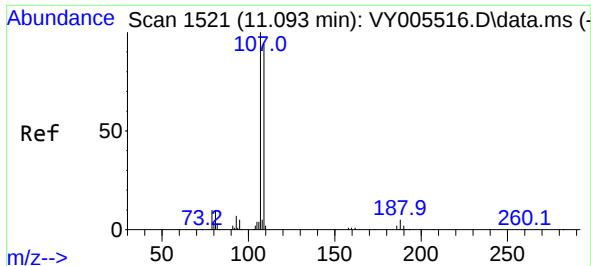
SAM  
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#60  
Dibromochloromethane  
Concen: 23.857 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 129 Resp: 45973  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 115.7





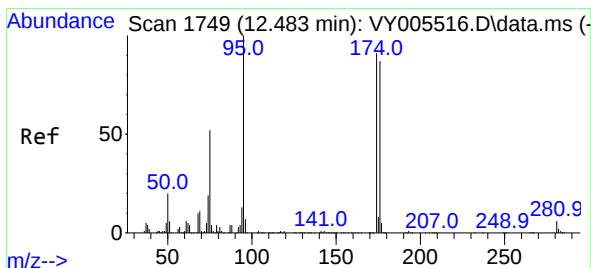
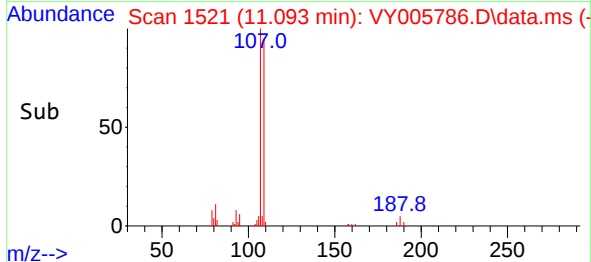
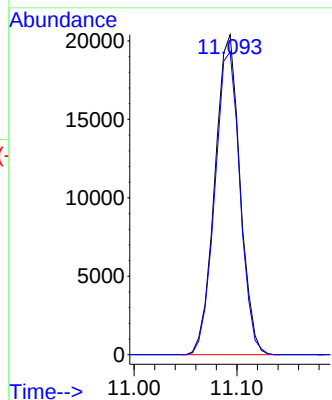
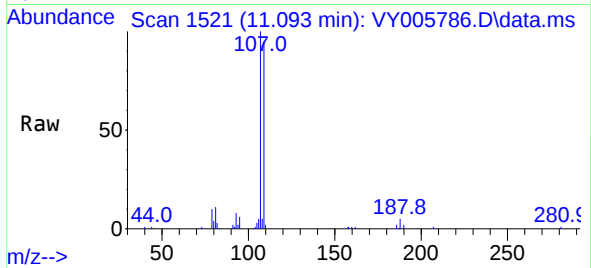
#61  
1,2-Dibromoethane  
Concen: 23.440 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 107 Resp: 34574  
Ion Ratio Lower Upper  
107 100  
109 94.8 74.7 112.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

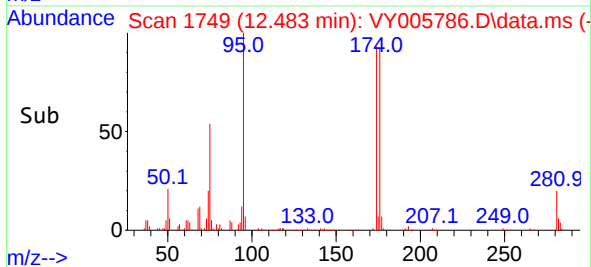
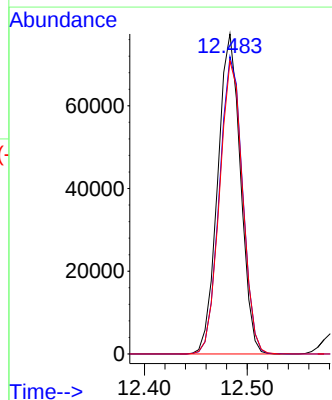
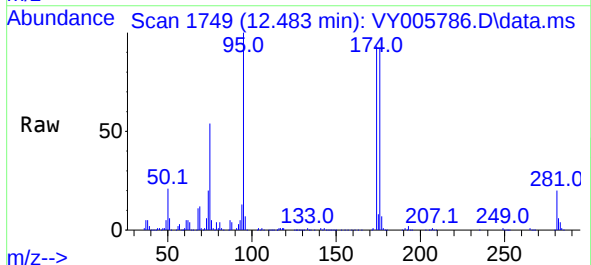
Manual Integrations  
APPROVED

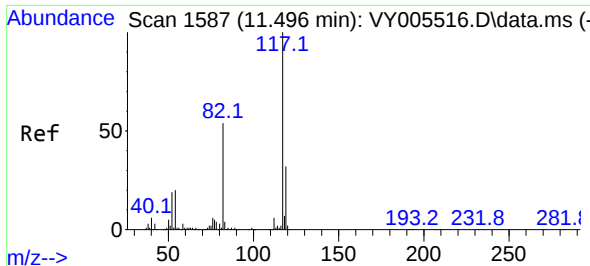
SAM  
8/23/2021 11:05:26 AM



#62  
4-Bromofluorobenzene  
Concen: 52.763 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

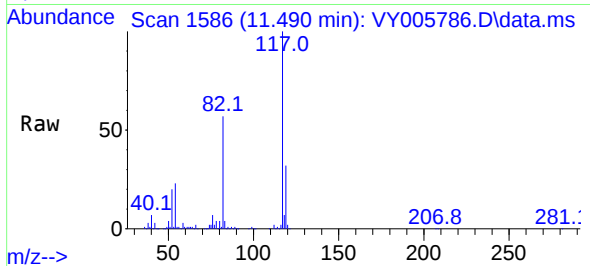
Tgt Ion: 95 Resp: 118836  
Ion Ratio Lower Upper  
95 100  
174 94.0 0.0 191.4  
176 92.4 0.0 183.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

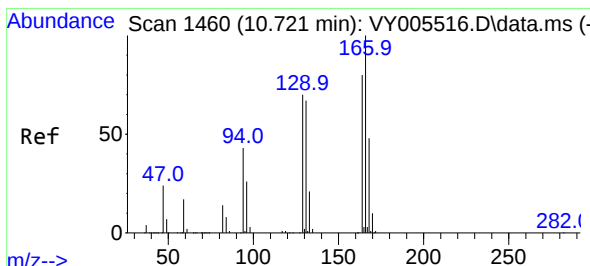
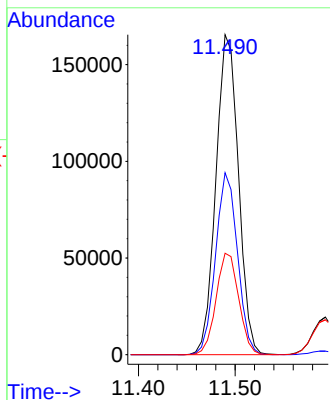
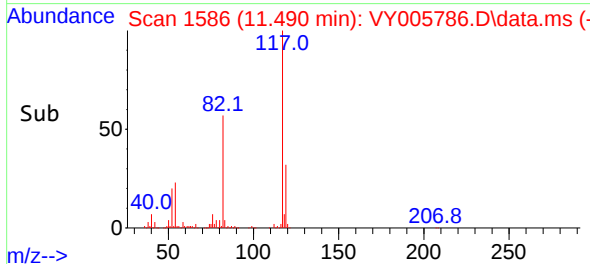
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



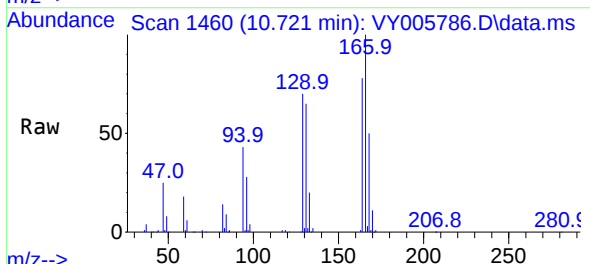
Tgt Ion:117 Resp: 267649  
Ion Ratio Lower Upper  
117 100  
82 56.8 43.5 65.3  
119 31.7 25.5 38.3

Manual Integrations  
APPROVED

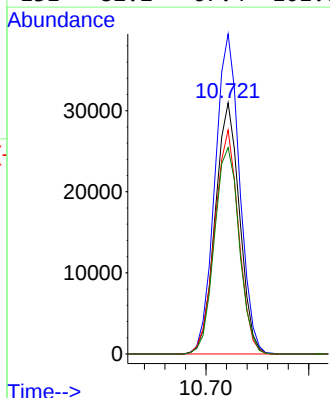
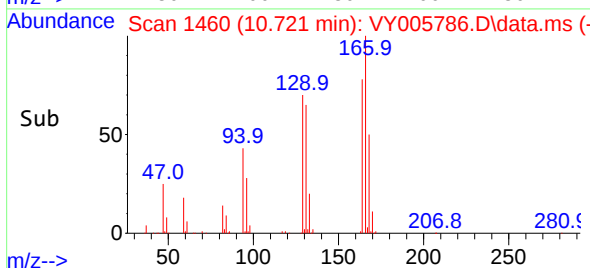
SAM  
8/23/2021 11:05:26 AM

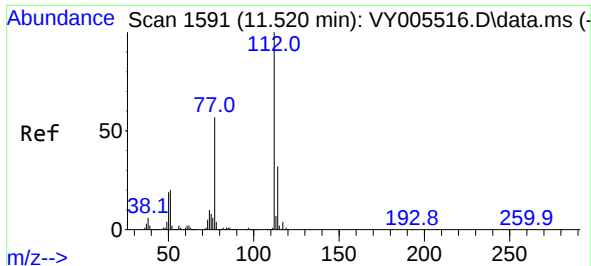


#64  
Tetrachloroethene  
Concen: 24.959 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion:164 Resp: 50848  
Ion Ratio Lower Upper  
164 100  
166 127.4 99.8 149.8  
129 89.2 70.1 105.1  
131 82.2 67.4 101.0





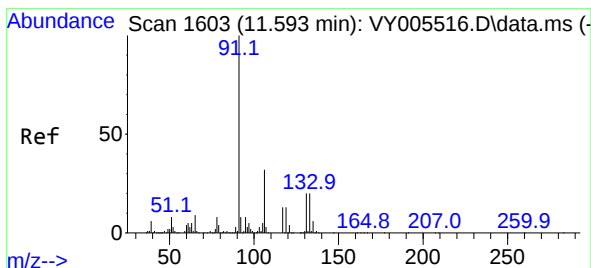
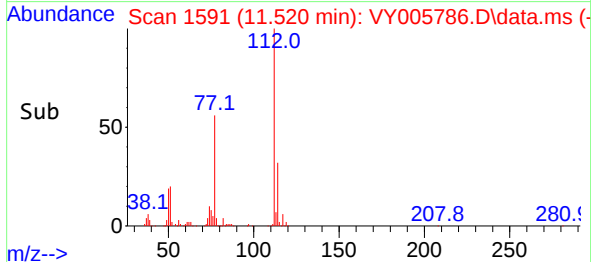
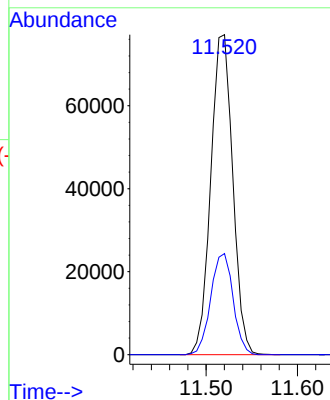
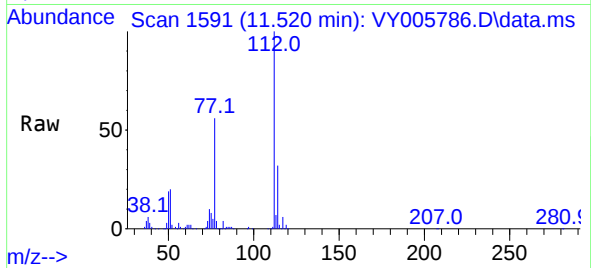
#65  
Chlorobenzene  
Concen: 23.870 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:112 Resp: 128565  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.2 37.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

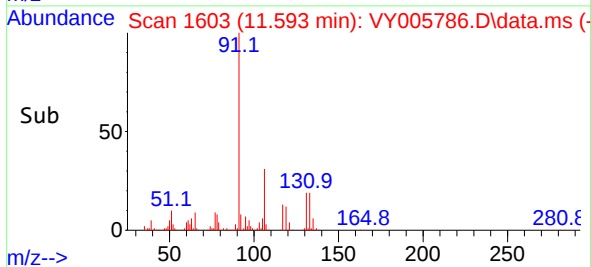
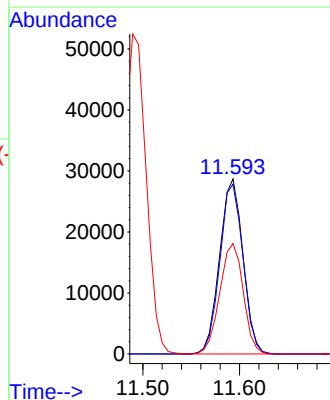
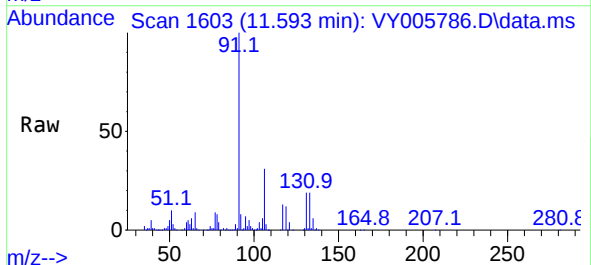
Manual Integrations  
APPROVED

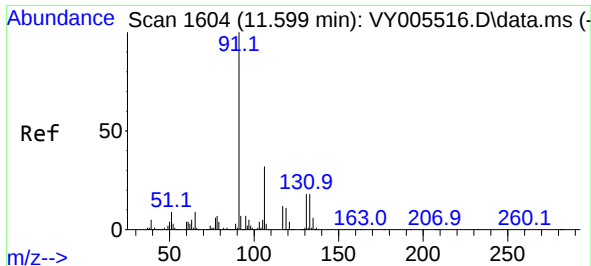
SAM  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.655 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:131 Resp: 47952  
Ion Ratio Lower Upper  
131 100  
133 96.8 48.2 144.6  
119 63.5 31.4 94.0





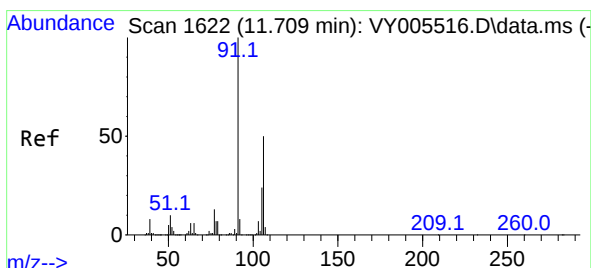
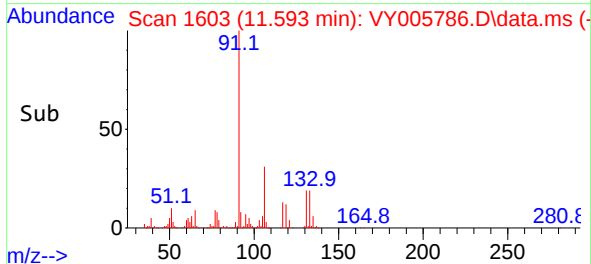
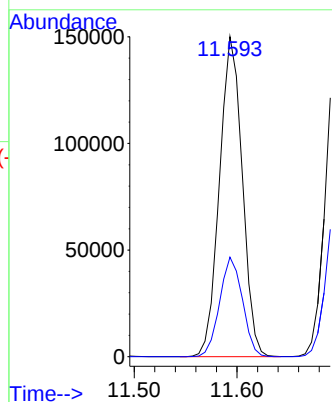
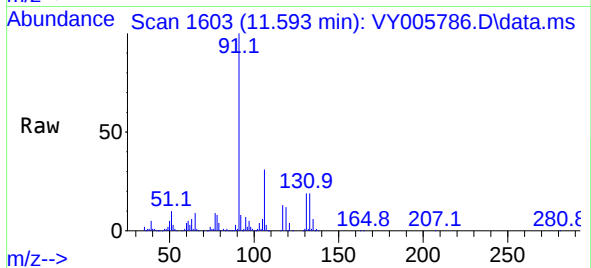
#67  
Ethyl Benzene  
Concen: 23.651 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01

Tgt Ion: 91 Resp: 230986  
Ion Ratio Lower Upper  
91 100  
106 31.1 25.8 38.6

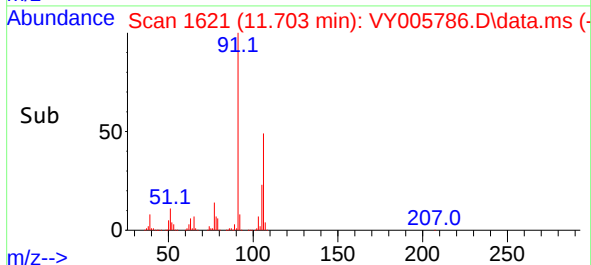
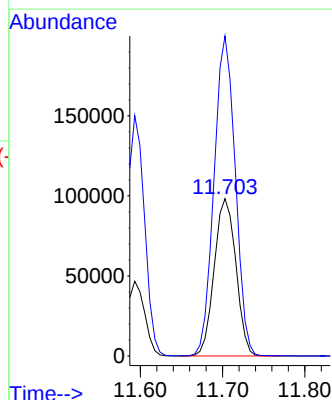
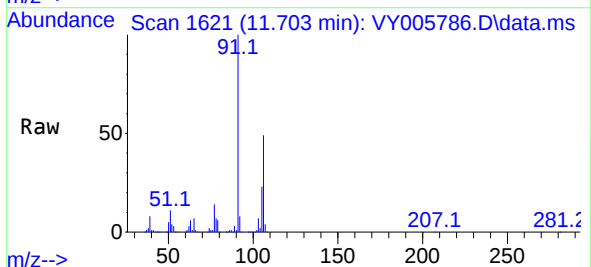
Manual Integrations  
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#68  
m/p-Xylenes  
Concen: 47.373 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:106 Resp: 179702  
Ion Ratio Lower Upper  
106 100  
91 199.8 159.6 239.4





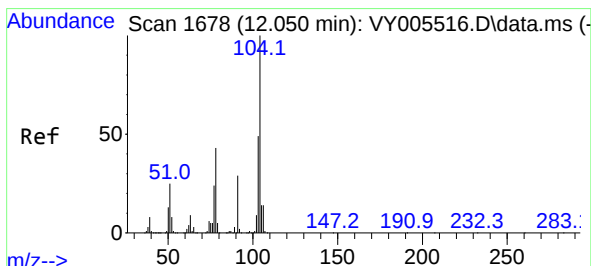
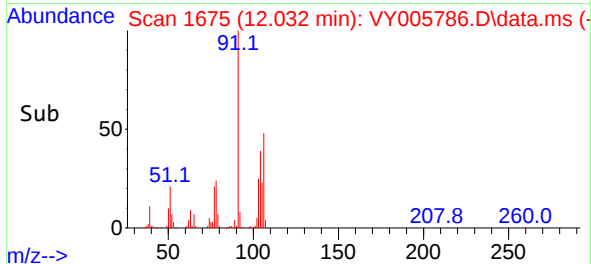
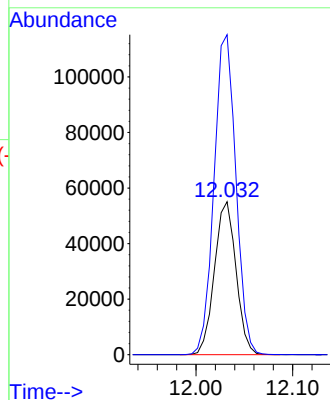
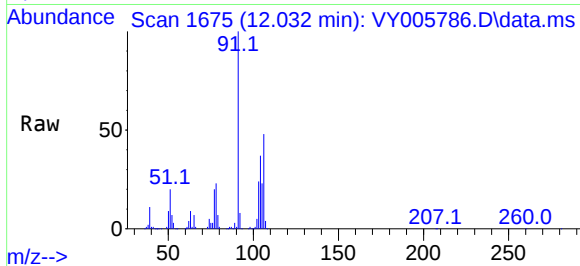
#69  
o-Xylene  
Concen: 23.364 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:106 Resp: 85184  
Ion Ratio Lower Upper  
106 100  
91 211.8 106.2 318.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

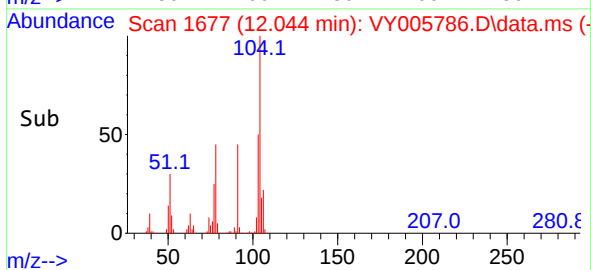
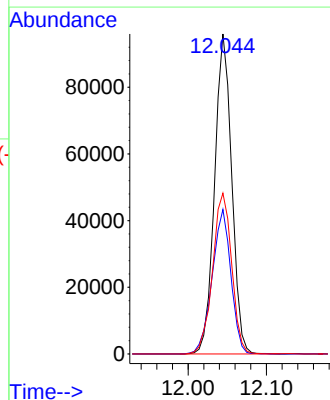
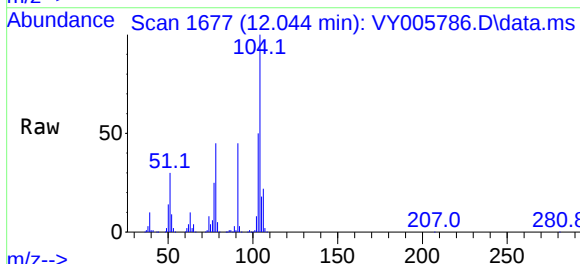
Manual Integrations  
APPROVED

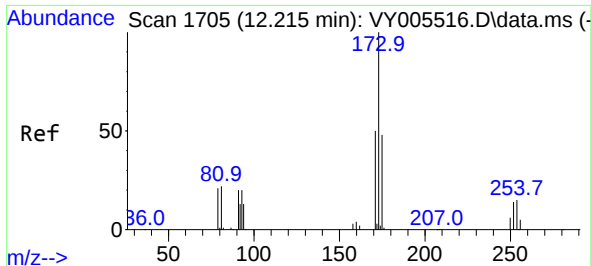
SAM  
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#70  
Styrene  
Concen: 23.778 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:104 Resp: 145923  
Ion Ratio Lower Upper  
104 100  
78 49.4 40.2 60.4  
103 55.9 43.8 65.8





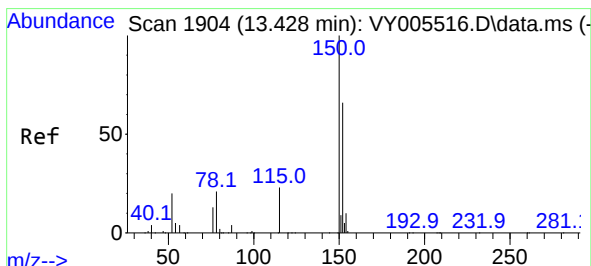
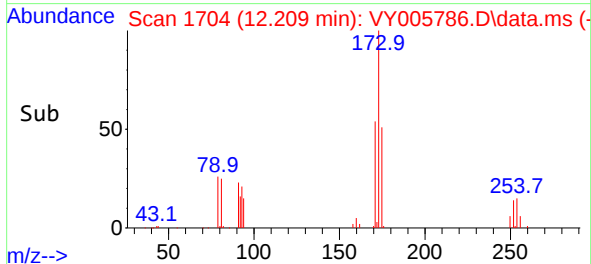
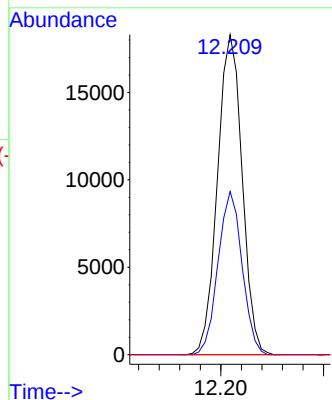
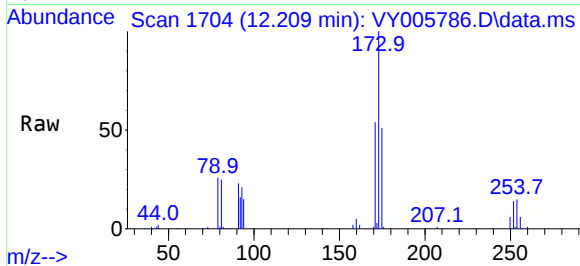
#71  
Bromoform  
Concen: 23.174 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:173 Resp: 30464  
Ion Ratio Lower Upper  
173 100  
175 49.7 24.3 72.9  
254 0.0 0.2 0.2#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

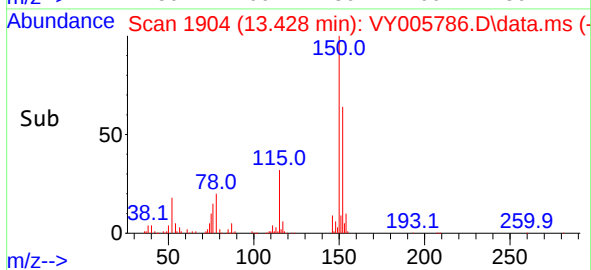
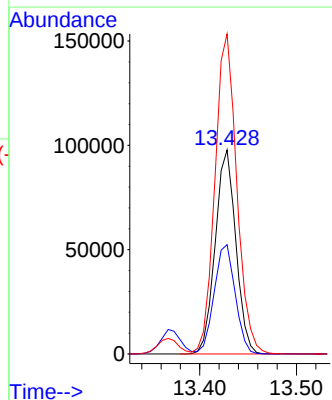
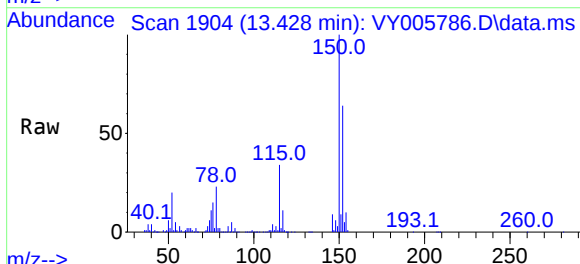
Manual Integrations  
APPROVED

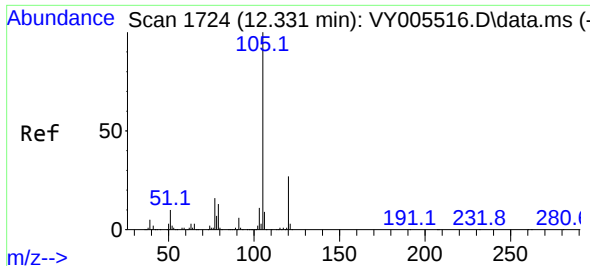
SAM  
8/23/2021 11:05:26 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:152 Resp: 144660  
Ion Ratio Lower Upper  
152 100  
115 54.8 27.3 81.9  
150 166.0 0.0 350.2





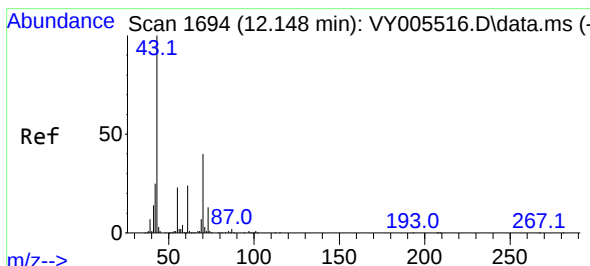
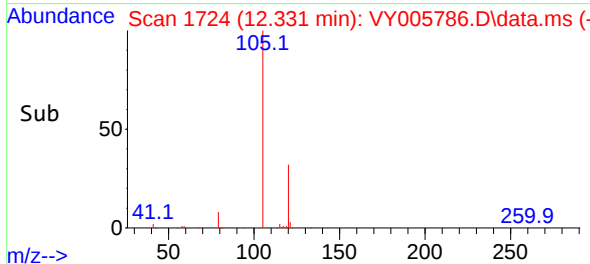
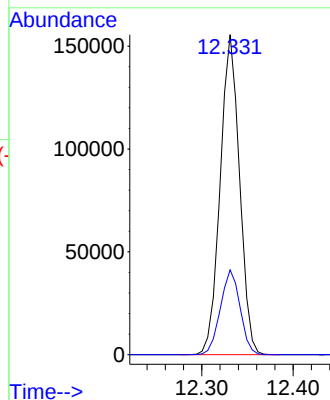
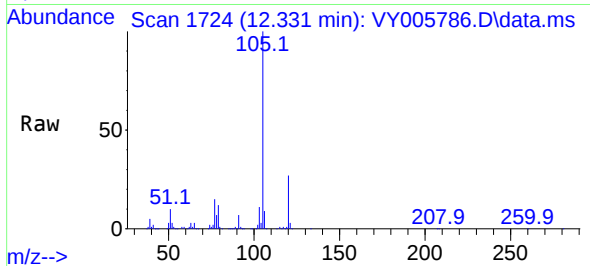
#73  
Isopropylbenzene  
Concen: 22.661 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 105 Resp: 228819  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.7 41.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

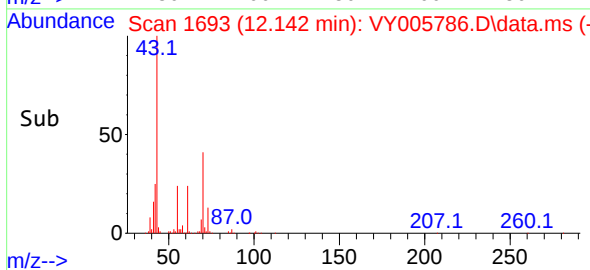
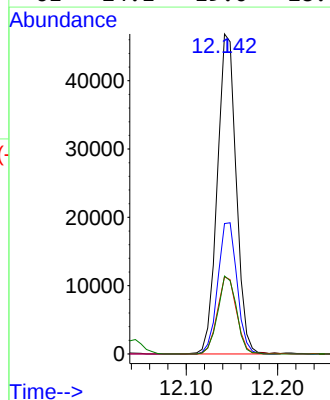
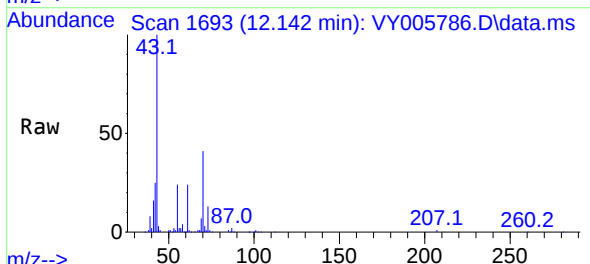
Manual Integrations  
APPROVED

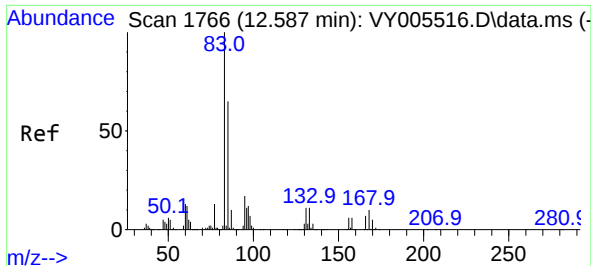
SAM  
8/23/2021 11:05:26 AM



#74  
N-ethyl acetate  
Concen: 22.150 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 43 Resp: 67328  
Ion Ratio Lower Upper  
43 100  
70 41.7 32.9 49.3  
55 24.7 18.9 28.3  
61 24.1 19.0 28.6





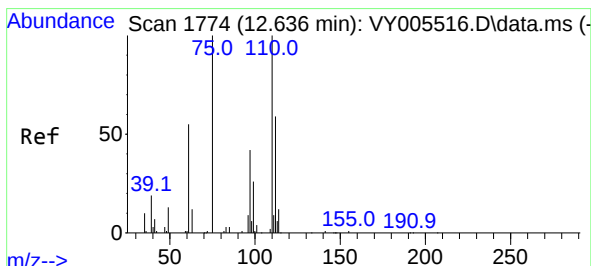
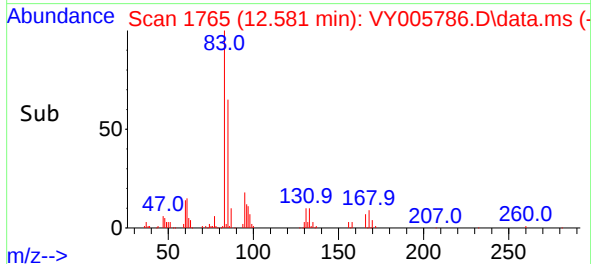
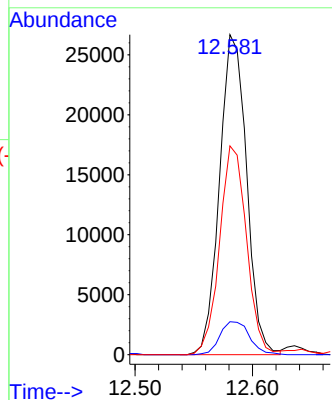
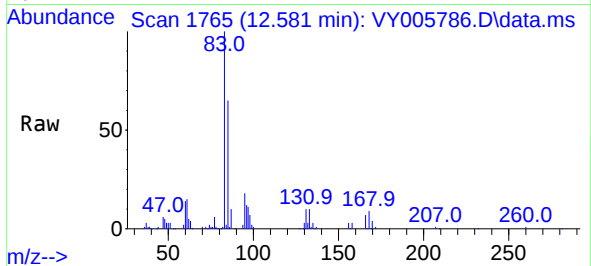
#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.982 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 42692 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.4  | 5.6   | 16.8  |
| 85       | 65.1  | 32.0  | 96.2  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

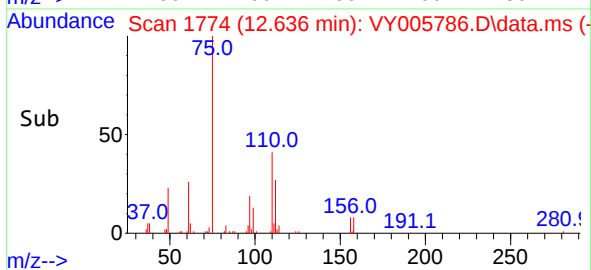
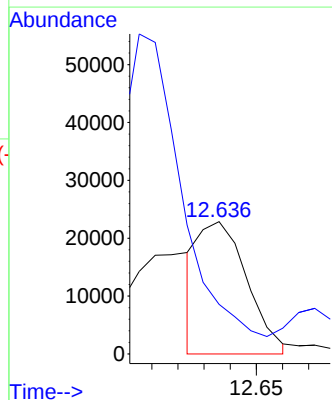
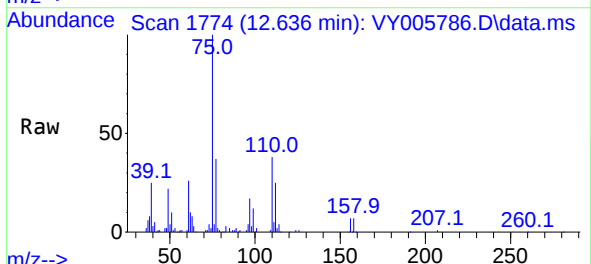
Manual Integrations  
APPROVED

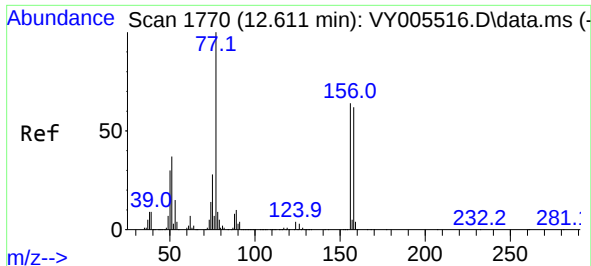
SAM  
8/23/2021 11:05:26 AM



#76  
1,2,3-Trichloropropane  
Concen: 19.693 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 29522 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





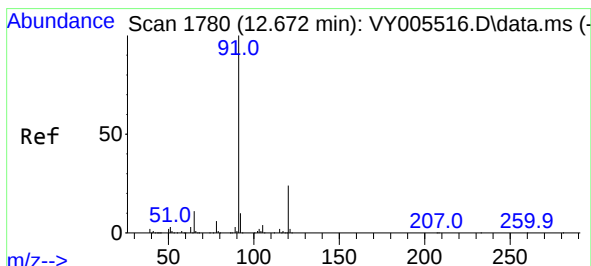
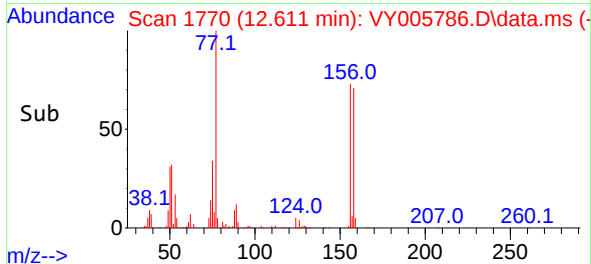
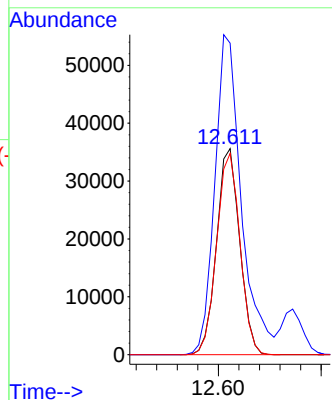
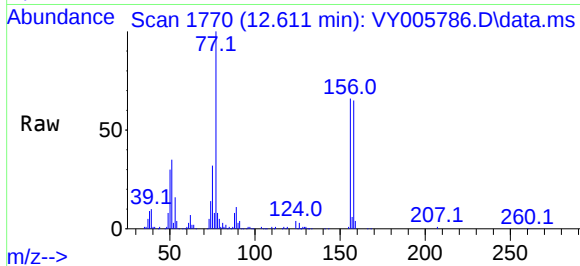
#77  
Bromobenzene  
Concen: 22.426 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 156 Resp: 55635  
Ion Ratio Lower Upper  
156 100  
77 178.0 85.5 256.5  
158 98.4 48.5 145.6

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01

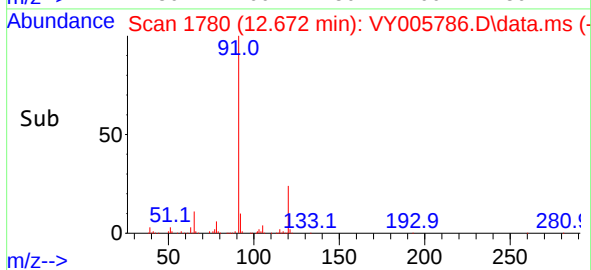
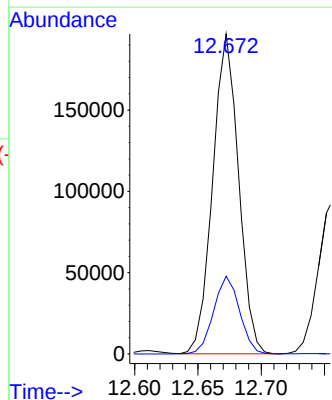
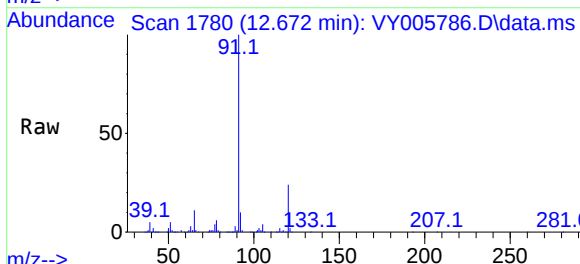
Manual Integrations  
APPROVED

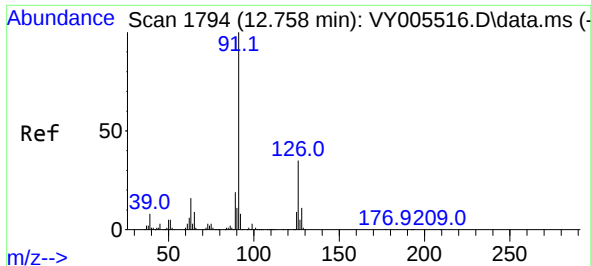
SAM  
8/23/2021 11:05:26 AM



#78  
n-propylbenzene  
Concen: 23.277 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 91 Resp: 279162  
Ion Ratio Lower Upper  
91 100  
120 24.3 11.9 35.9





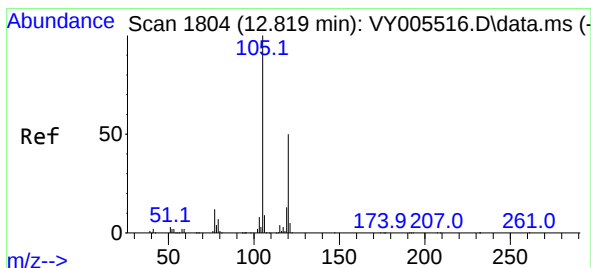
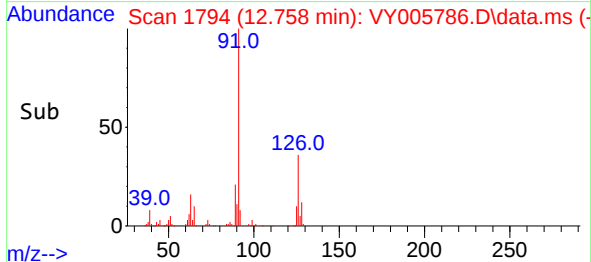
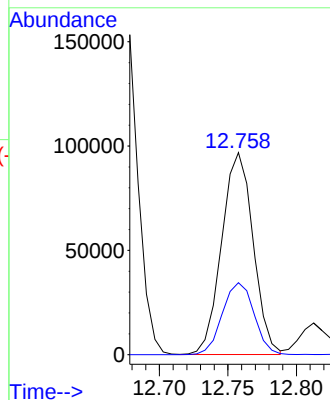
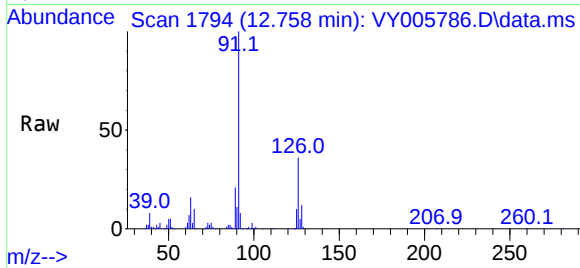
#79  
2-Chlorotoluene  
Concen: 23.003 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 91 Resp: 154911  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

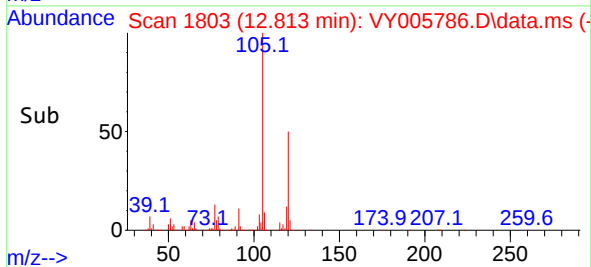
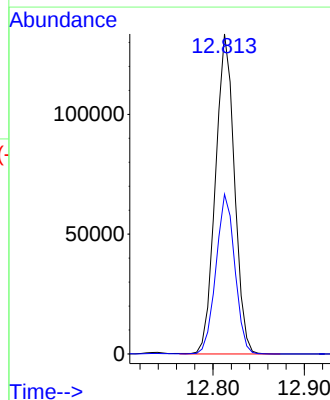
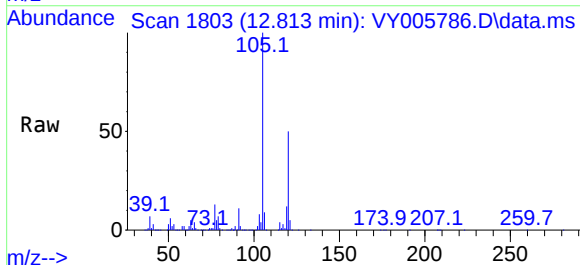
Manual Integrations  
APPROVED

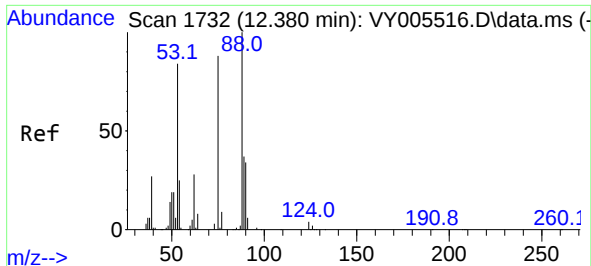
SAM  
8/23/2021 11:05:26 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 22.996 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

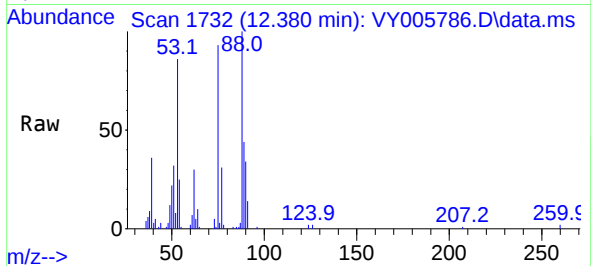
Tgt Ion: 105 Resp: 192707  
Ion Ratio Lower Upper  
105 100  
120 49.5 25.0 75.0





#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.195 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

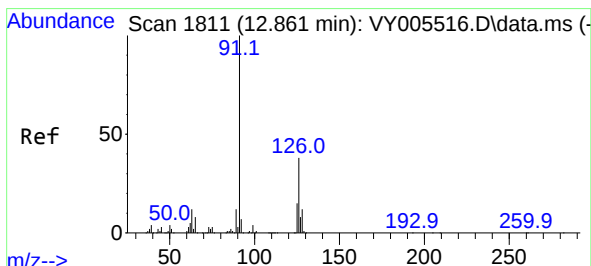
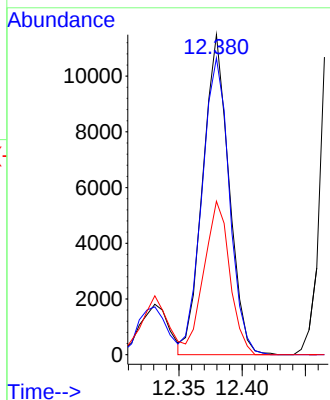
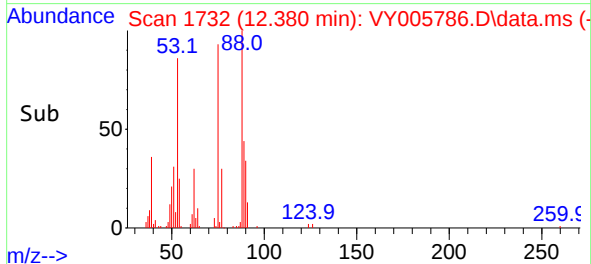
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



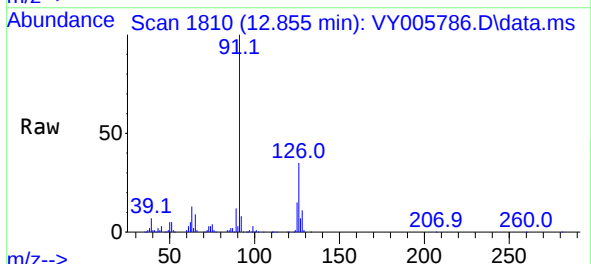
Tgt Ion: 75 Resp: 16505  
Ion Ratio Lower Upper  
75 100  
53 97.2 76.7 115.1  
89 46.9 38.4 57.6

Manual Integrations  
APPROVED

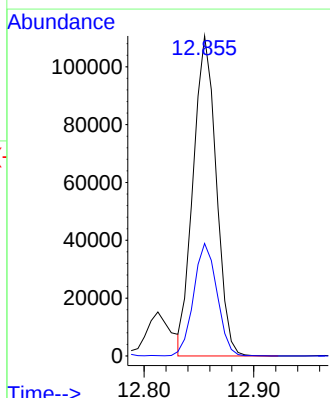
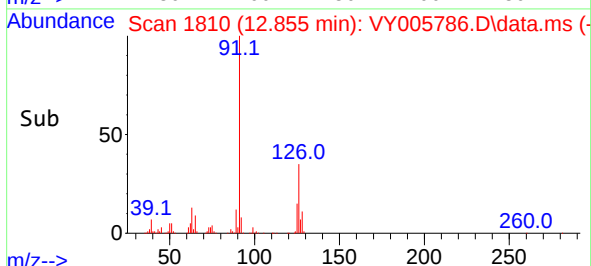
SAM  
8/23/2021 11:05:26 AM

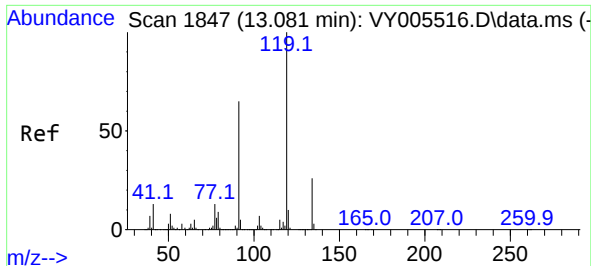


#82  
4-Chlorotoluene  
Concen: 23.181 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



Tgt Ion: 91 Resp: 161526  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.5 52.5





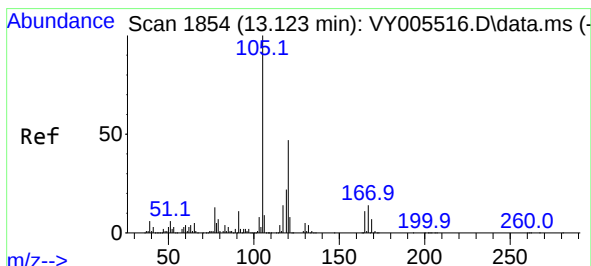
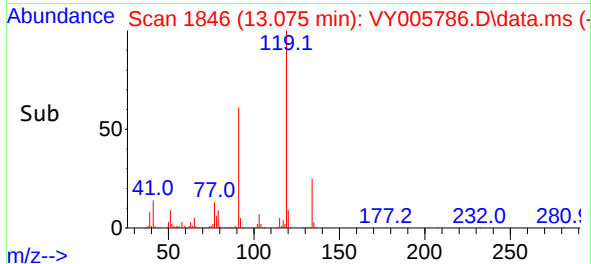
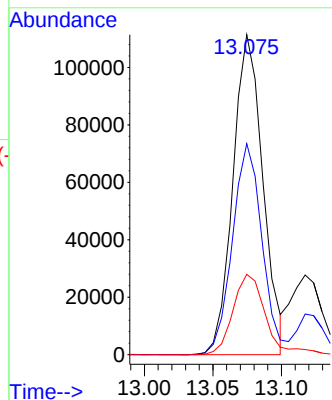
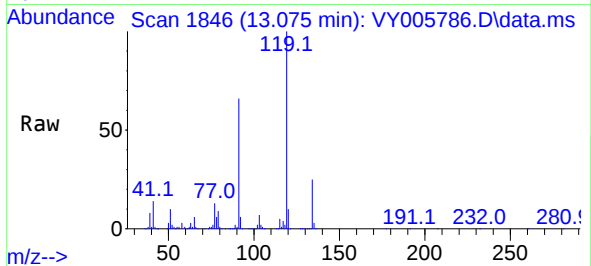
#83  
tert-Butylbenzene  
Concen: 22.526 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:119 Resp: 169388  
Ion Ratio Lower Upper  
119 100  
91 65.6 31.9 95.9  
134 27.3 13.4 40.2

Instrument :  
MSVOA\_Y  
ClientSampled :  
VY0820SBS01

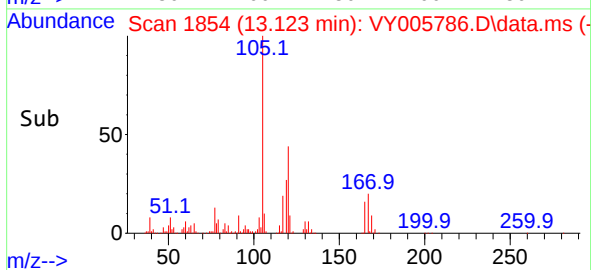
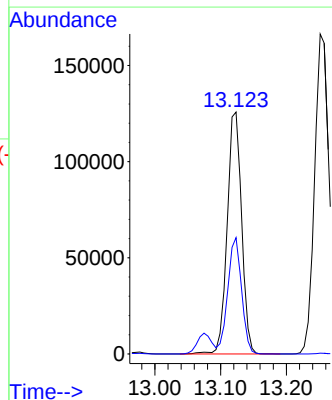
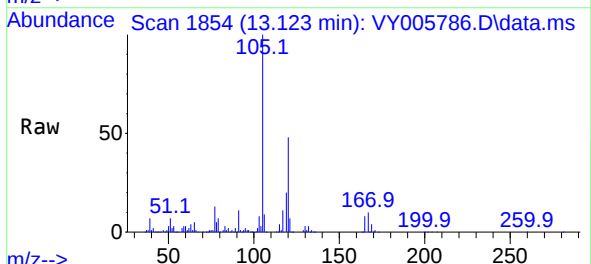
Manual Integrations  
APPROVED

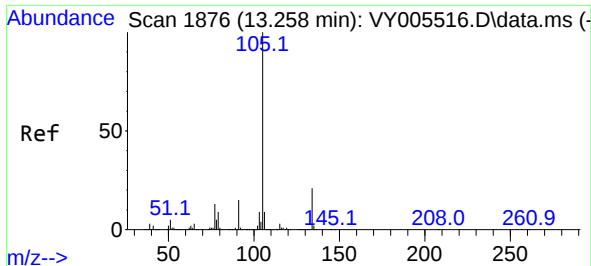
SAM  
8/23/2021 11:05:26 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 23.237 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

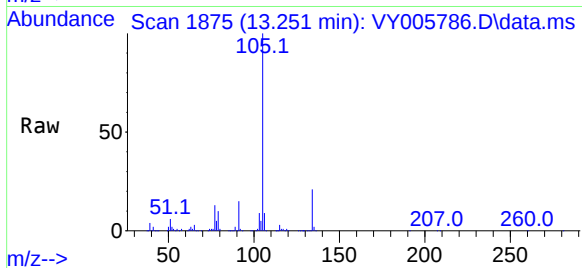
Tgt Ion:105 Resp: 192144  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.9 68.5





#85  
 sec-Butylbenzene  
 Concen: 23.394 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY005786.D  
 Acq: 20 Aug 2021 12:20

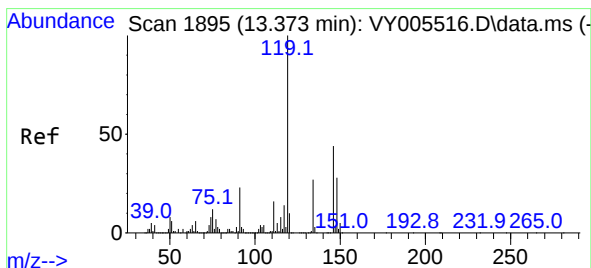
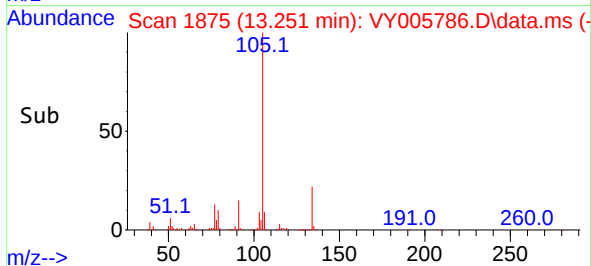
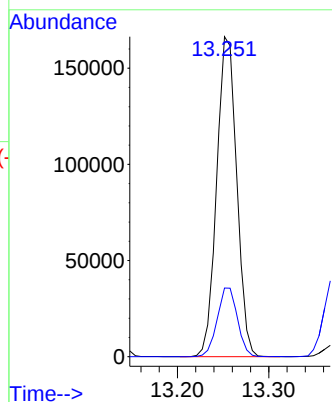
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VY0820SBS01



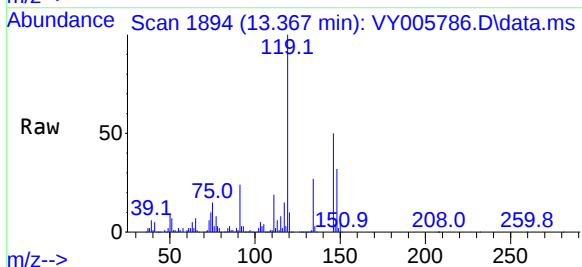
Tgt Ion:105 Resp: 253731  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 10.5 31.5

Manual Integrations  
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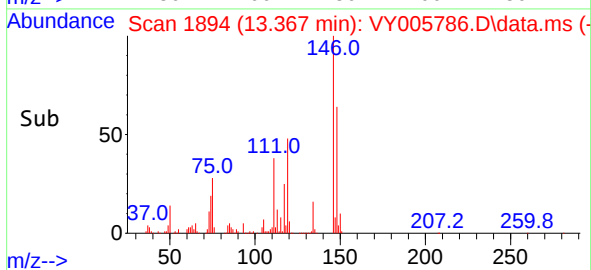
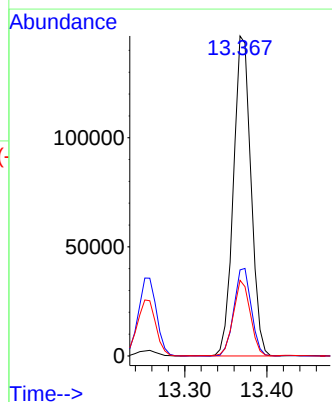
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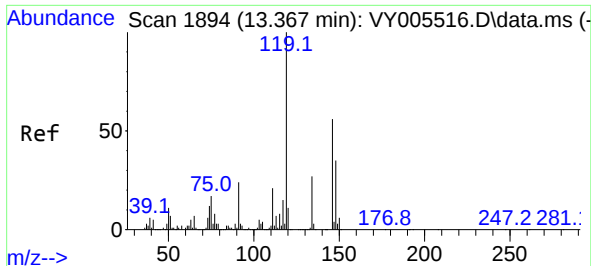


#86  
 p-Isopropyltoluene  
 Concen: 23.350 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY005786.D  
 Acq: 20 Aug 2021 12:20



Tgt Ion:119 Resp: 217428  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.6 40.7  
 91 22.8 11.6 34.7





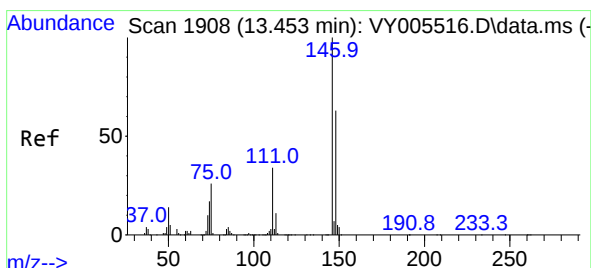
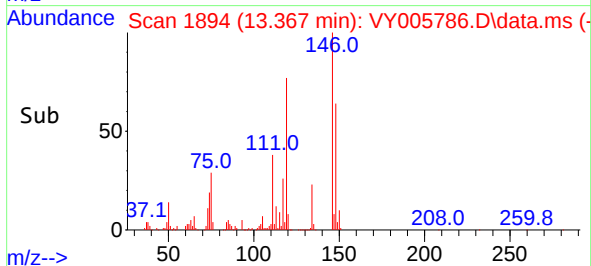
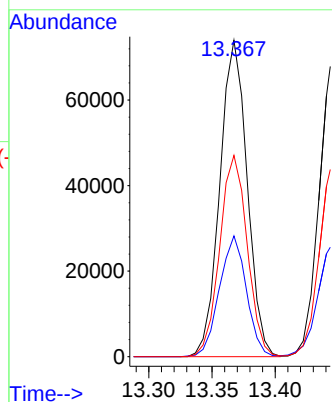
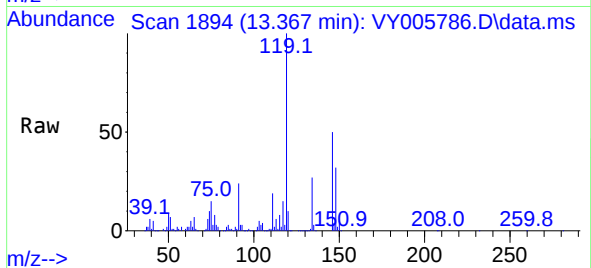
#87  
1,3-Dichlorobenzene  
Concen: 22.926 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:146 Resp: 110980  
Ion Ratio Lower Upper  
146 100  
111 37.8 18.6 56.0  
148 64.2 31.7 95.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

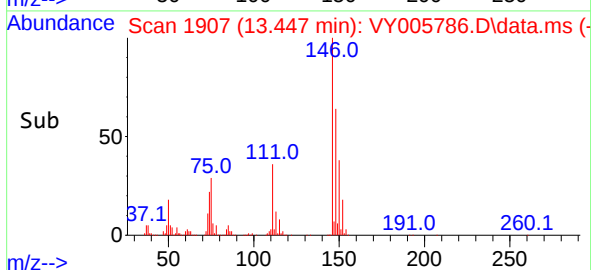
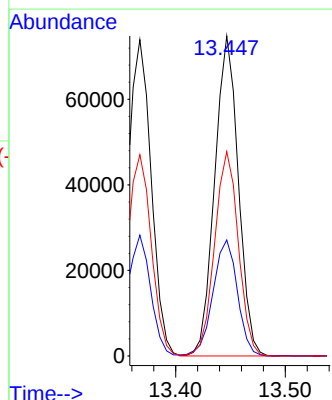
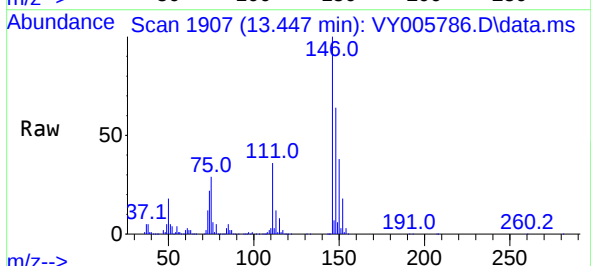
Manual Integrations  
APPROVED

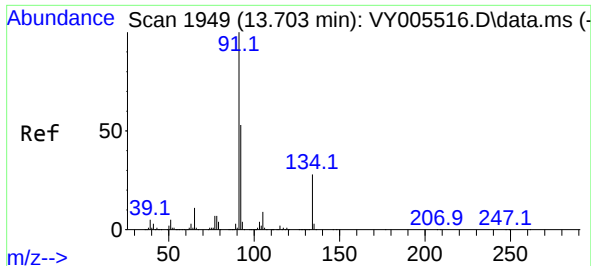
SAM  
8/23/2021 11:05:26 AM



#88  
1,4-Dichlorobenzene  
Concen: 23.351 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion:146 Resp: 112133  
Ion Ratio Lower Upper  
146 100  
111 37.6 18.1 54.3  
148 64.3 31.8 95.3





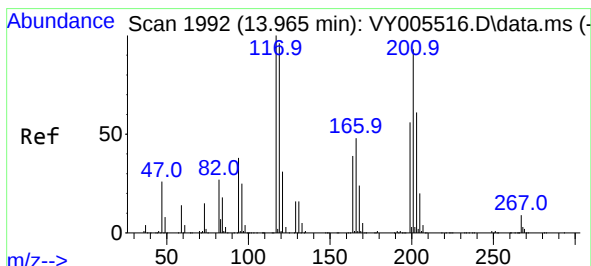
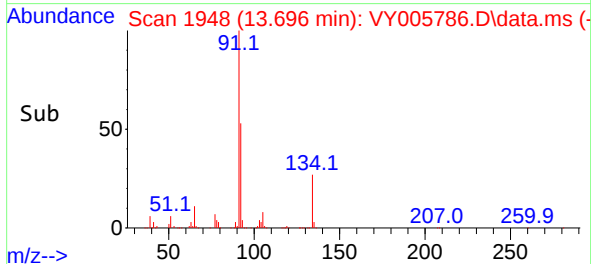
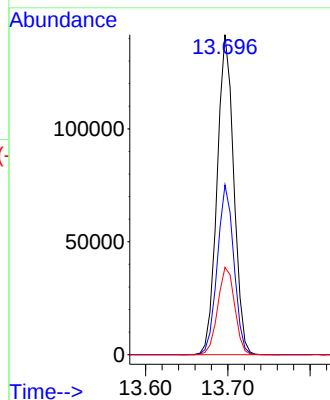
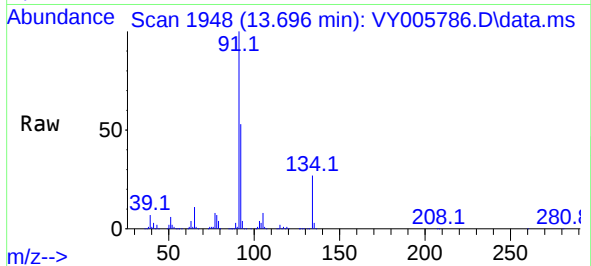
#89  
n-Butylbenzene  
Concen: 23.656 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
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Tgt Ion: 91 Resp: 199562  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.7 80.1  
134 27.8 13.8 41.4

Instrument :  
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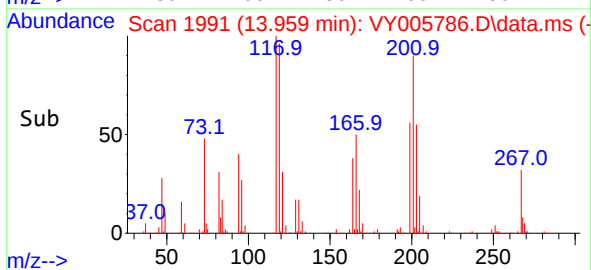
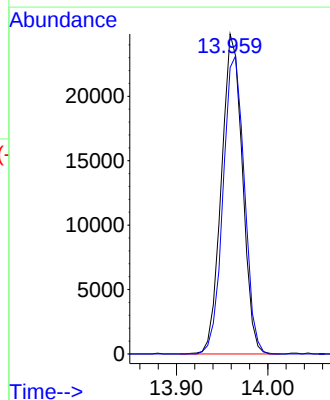
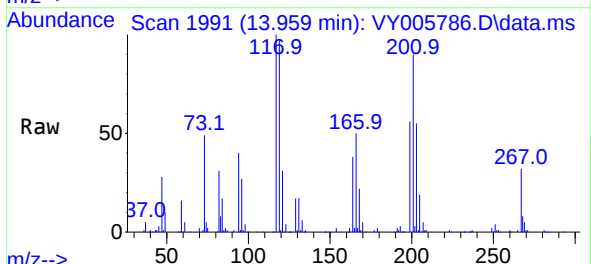
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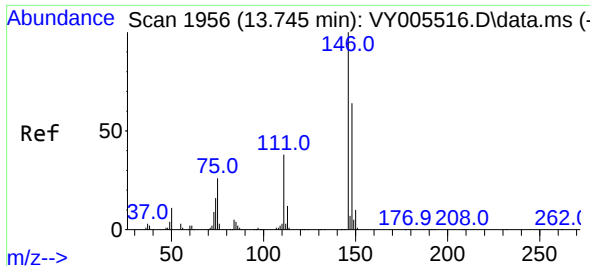
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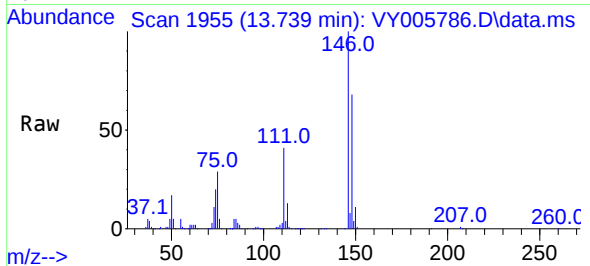
#90  
Hexachloroethane  
Concen: 23.731 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

Tgt Ion: 117 Resp: 39730  
Ion Ratio Lower Upper  
117 100  
201 94.1 46.7 140.1

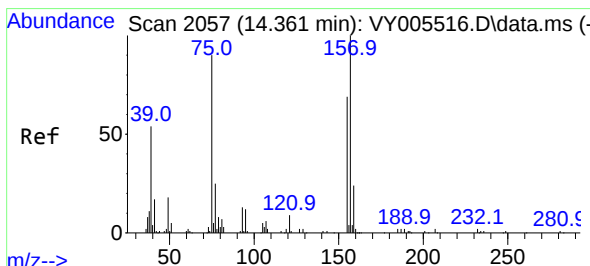
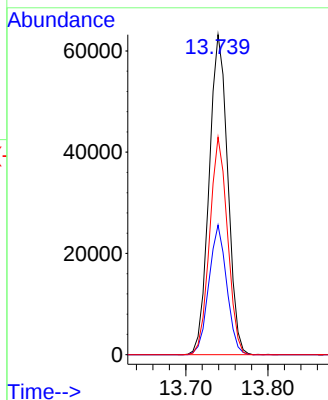
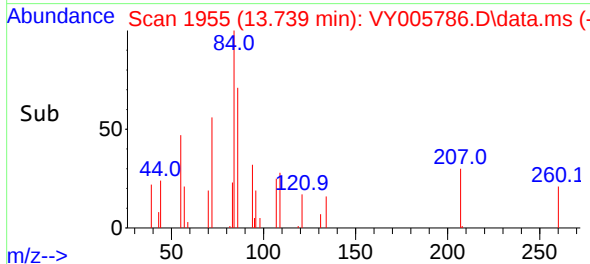




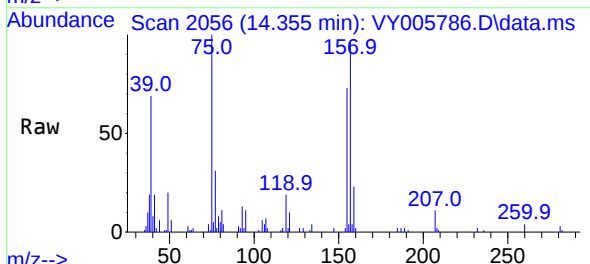
#91  
1,2-Dichlorobenzene  
Concen: 23.217 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



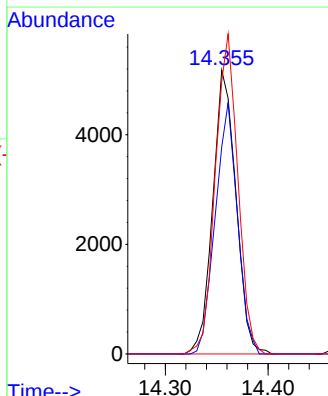
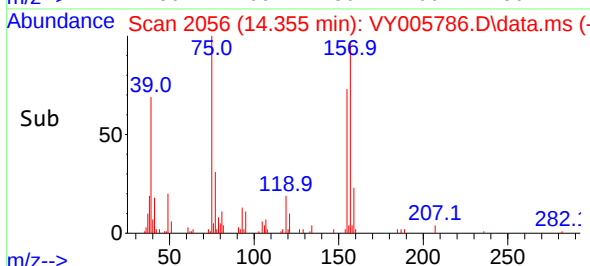
Tgt Ion: 146 Resp: 99273  
Ion Ratio Lower Upper  
146 100  
111 38.9 19.4 58.2  
148 65.4 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.965 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20



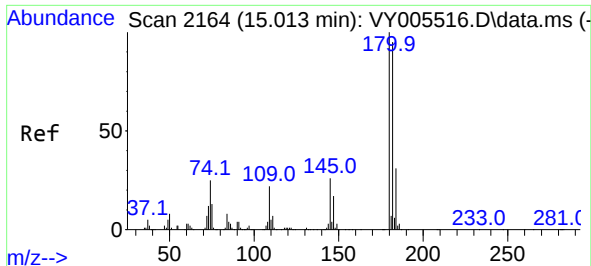
Tgt Ion: 75 Resp: 8087  
Ion Ratio Lower Upper  
75 100  
155 84.6 42.4 127.1  
157 109.6 56.0 168.2



Instrument :  
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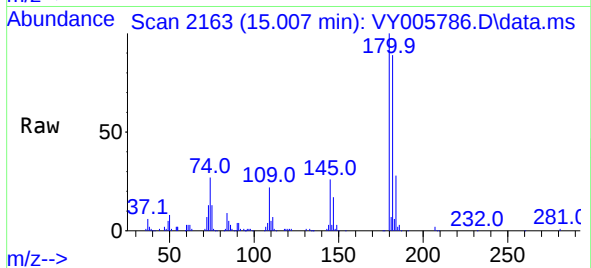
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#93  
1,2,4-Trichlorobenzene  
Concen: 23.550 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

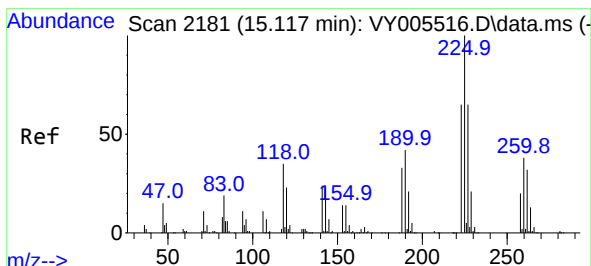
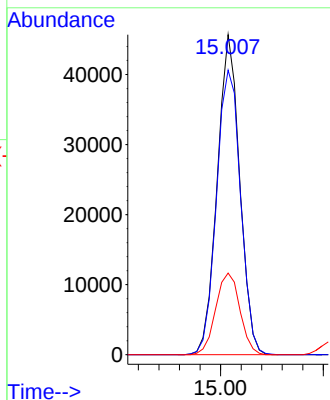
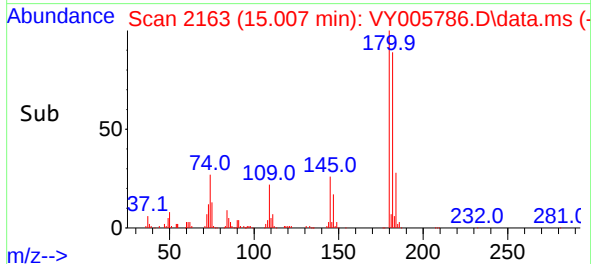
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01



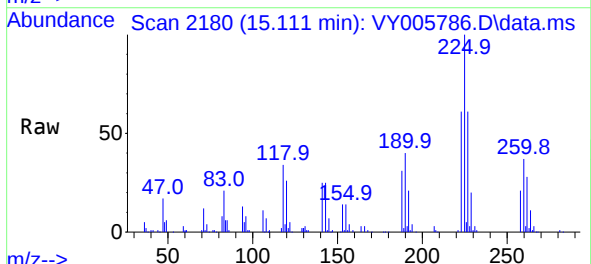
Tgt Ion:180 Resp: 69170  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.8 143.4  
145 27.4 14.0 42.0

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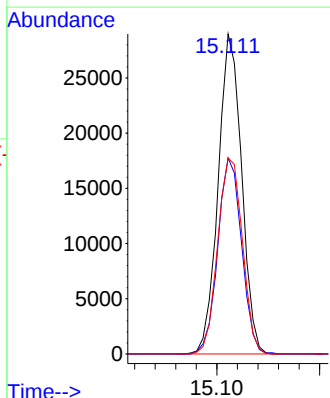
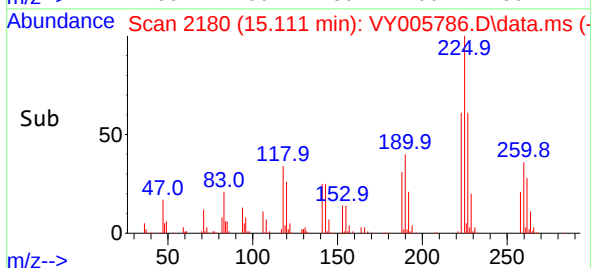
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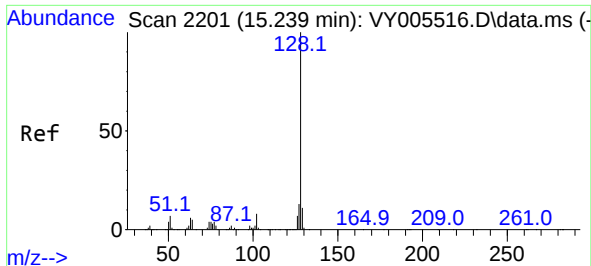


#94  
Hexachlorobutadiene  
Concen: 24.074 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY005786.D  
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Tgt Ion:225 Resp: 45783  
Ion Ratio Lower Upper  
225 100  
223 62.1 31.4 94.0  
227 64.5 32.2 96.6





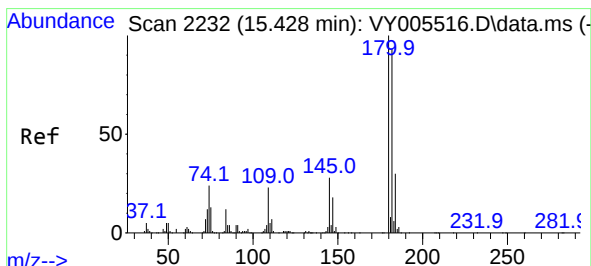
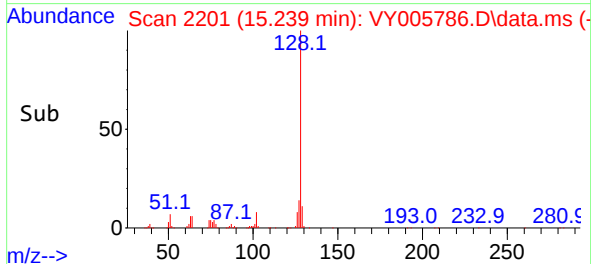
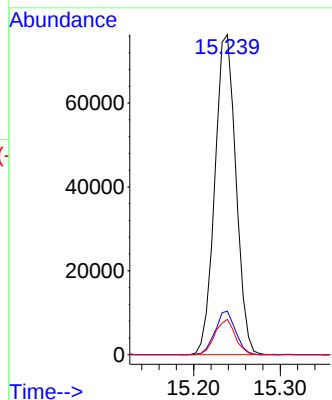
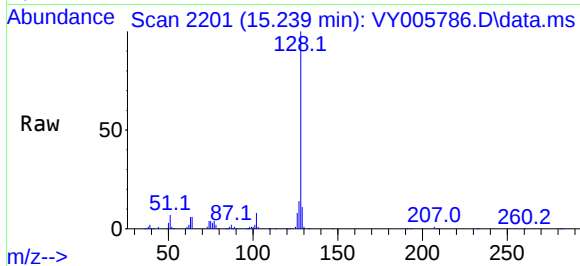
#95  
Naphthalene  
Concen: 22.280 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 129002 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.3  | 10.6  | 15.8   |
| 129      | 10.6  | 8.7   | 13.1   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0820SBS01

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#96  
1,2,3-Trichlorobenzene  
Concen: 23.352 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.000 min  
Lab File: VY005786.D  
Acq: 20 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 60766 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.9  | 47.9  | 143.6 |
| 145      | 29.6  | 14.6  | 44.0  |

