

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081621\  
 Data File : VY005689.D  
 Acq On : 17 Aug 2021 00:02  
 Operator : SY/MD  
 Sample : VY0816SBS02  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0816SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 8/17/2021 7:23:44 PM

Quant Time: Aug 17 05:22:57 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  | 218057              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 294157              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490         | 117  | 271653              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 144253              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 125962              | 57.067  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 114.140% |         |        |          |
| 35) Dibromofluoromethane     | 7.722          | 113  | 101008              | 61.332  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 122.660% |         |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 359883              | 52.104  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 104.200% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 123530              | 54.008  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 108.020% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 41570               | 23.211  | ug/l   | 99       |
| 3) Chloromethane             | 2.113          | 50   | 48858               | 22.838  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.253          | 62   | 61098               | 23.843  | ug/l   | 96       |
| 5) Bromomethane              | 2.650          | 94   | 41451               | 24.575  | ug/l   | 100      |
| 6) Chloroethane              | 2.796          | 64   | 39215               | 25.353  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 78462               | 22.869  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.534          | 74   | 29795               | 24.865  | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.906          | 101  | 43865               | 23.571  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.101          | 142  | 53637               | 23.134  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.979          | 59   | 27189               | 124.603 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 3.881          | 96   | 44706               | 23.790  | ug/l   | 92       |
| 13) Acrolein                 | 3.741          | 56   | 11157               | 84.746  | ug/l   | 99       |
| 14) Allyl chloride           | 4.491          | 41   | 80763               | 24.537  | ug/l   | 100      |
| 15) Acrylonitrile            | 5.174          | 53   | 79678               | 129.745 | ug/l   | 99       |
| 16) Acetone                  | 3.954          | 43   | 61069               | 109.736 | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.204          | 76   | 135837              | 23.449  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.491          | 43   | 40772               | 28.013  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.235          | 73   | 143269              | 24.610  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.723          | 84   | 74107               | 31.332  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.229          | 96   | 49452               | 23.537  | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.125          | 45   | 176541              | 25.999  | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.070          | 43   | 564022              | 124.814 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.027          | 63   | 95100               | 25.272  | ug/l   | 100      |
| 25) 2-Butanone               | 6.997          | 43   | 101338              | 123.188 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 6.990          | 77   | 71835               | 20.894  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.997          | 96   | 57753               | 24.169  | ug/l   | 98       |
| 28) Bromochloromethane       | 7.344          | 49   | 41364               | 27.540  | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.356          | 42   | 69885               | 128.441 | ug/l   | 97       |
| 30) Chloroform               | 7.515          | 83   | 94349               | 24.565  | ug/l   | 97       |
| 31) Cyclohexane              | 7.789          | 56   | 86848               | 22.939  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.704          | 97   | 83782               | 23.730  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 72291               | 26.202  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.082          | 43   | 46778               | 27.987  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 76165               | 25.400  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.185          | 83   | 75119               | 21.401  | ug/l   | 98       |
| 40) Benzene                  | 8.167          | 78   | 209769              | 26.551  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081621\  
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 Acq On : 17 Aug 2021 00:02  
 Operator : SY/MD  
 Sample : VY0816SBS02  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0816SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 8/17/2021 7:23:44 PM

Quant Time: Aug 17 05:22:57 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   | 22123m   | 24.394  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 64690    | 25.242  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 77922    | 24.624  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 48339    | 22.417  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 46490    | 23.520  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 25680    | 23.497  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.502  | 83   | 63729    | 23.299  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 34265    | 23.960  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 7049     | 464.083 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 209906   | 125.957 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 114162   | 22.661  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 69049    | 22.588  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 75224    | 22.675  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 36236    | 22.915  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 55590    | 23.477  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 66459    | 23.833  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 122768   | 108.510 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 146091   | 124.031 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.984 | 129  | 46046    | 23.529  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 34531    | 23.052  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 48739    | 23.571  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 123881   | 22.662  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 46946    | 22.817  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 219815   | 22.175  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 173774   | 45.135  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 82374    | 22.260  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 140291   | 22.523  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 31075    | 23.290  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 220217   | 21.870  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 70428    | 23.235  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 44040    | 22.740  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 29745m   | 19.898  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 54386    | 21.984  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 261179   | 21.839  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 147198   | 21.919  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 182315   | 21.817  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 15621    | 21.065  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 156027   | 22.455  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 162219   | 21.634  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 183122   | 22.209  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 236382   | 21.856  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 201864   | 21.739  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 107758   | 22.323  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 105983   | 22.132  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.697 | 91   | 182793   | 21.729  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 37062    | 22.200  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 95800    | 22.468  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 8257     | 22.490  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 66008    | 22.537  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 41071    | 21.657  | ug/l   | 100      |
| 95) Naphthalene               | 15.233 | 128  | 133523   | 23.126  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 59571    | 22.958  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081621\  
Data File : VY005689.D  
Acq On : 17 Aug 2021 00:02  
Operator : SY/MD  
Sample : VY0816SBSD02  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

Manual Integrations  
APPROVED

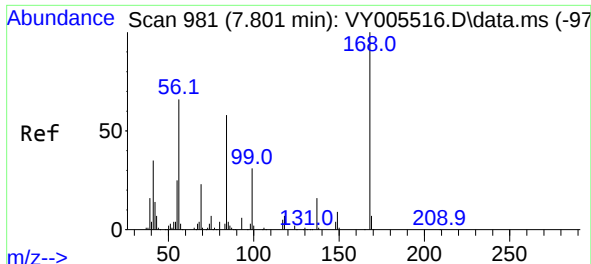
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8/17/2021 7:23:44 PM

Quant Time: Aug 17 05:22:57 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





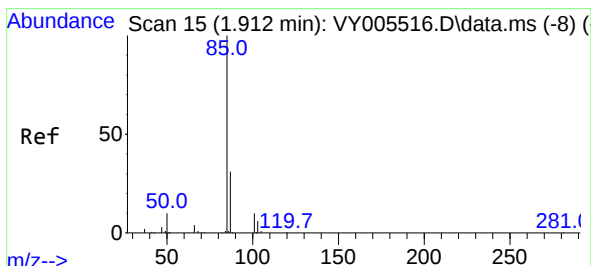
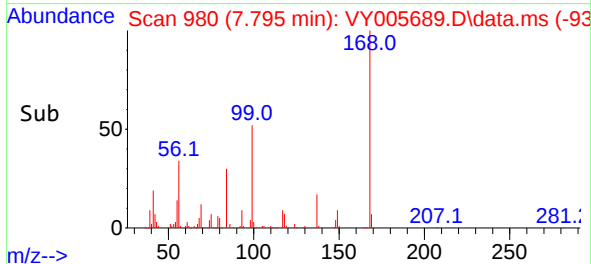
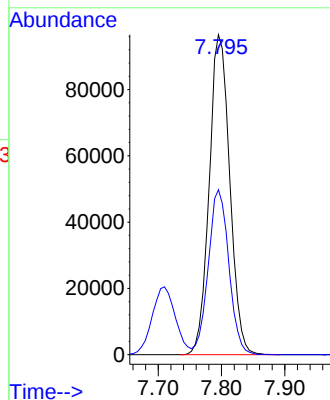
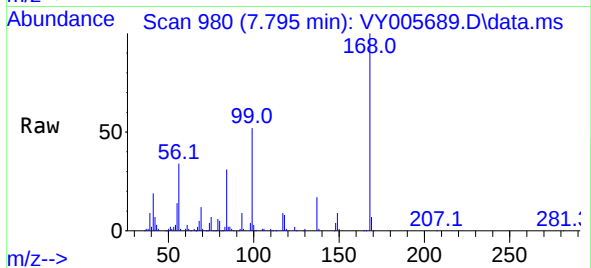
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:168 Resp: 218057  
Ion Ratio Lower Upper  
168 100  
99 51.6 38.9 58.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

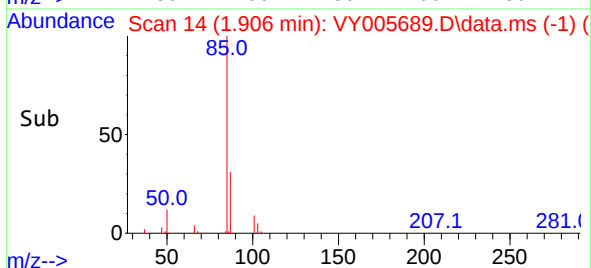
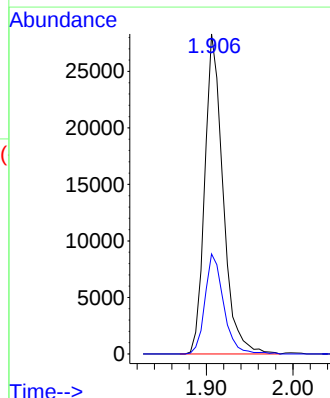
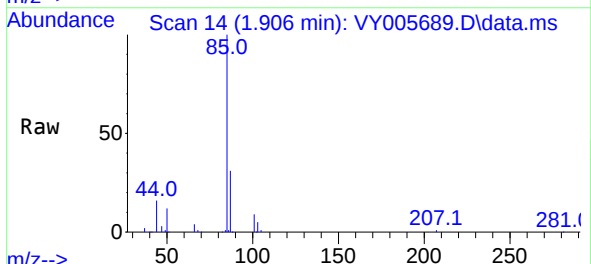
Manual Integrations  
APPROVED

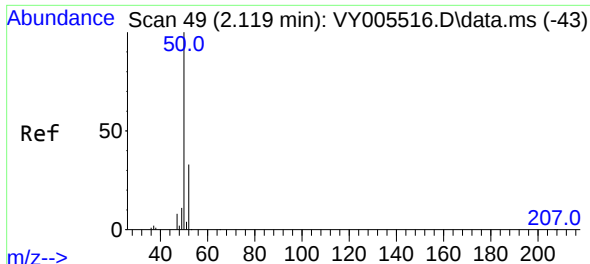
MMDadoda  
8/17/2021 7:23:44 PM



#2  
Dichlorodifluoromethane  
Concen: 23.211 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

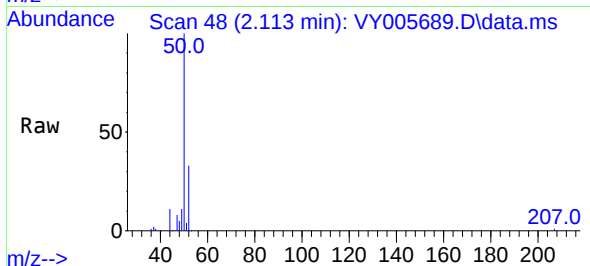
Tgt Ion: 85 Resp: 41570  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.4 46.2





#3  
Chloromethane  
Concen: 22.838 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

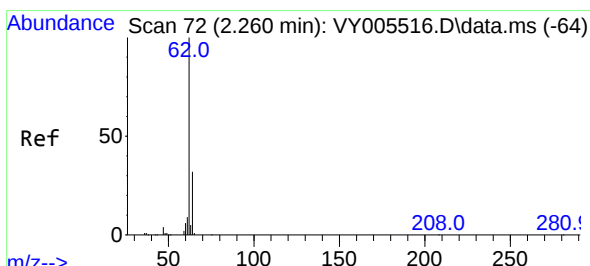
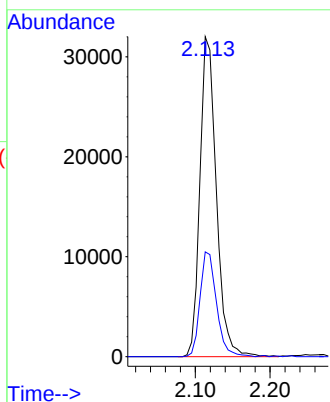
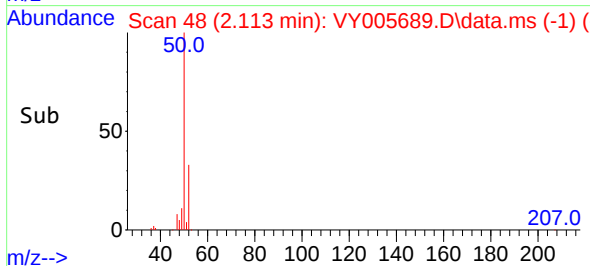
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



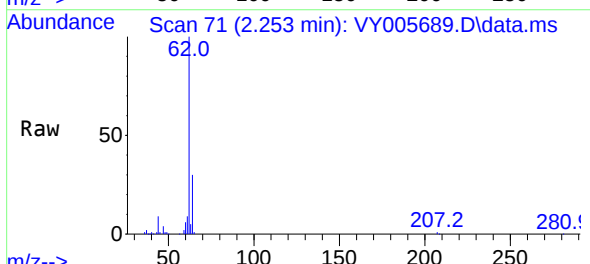
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Ion Ratio Lower Upper  
50 100  
52 32.8 26.4 39.6

Manual Integrations  
APPROVED

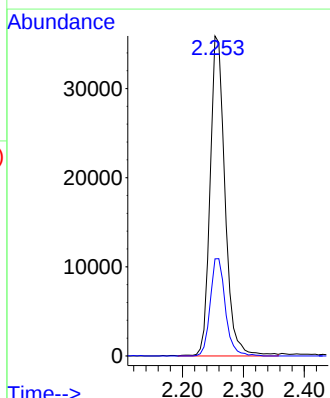
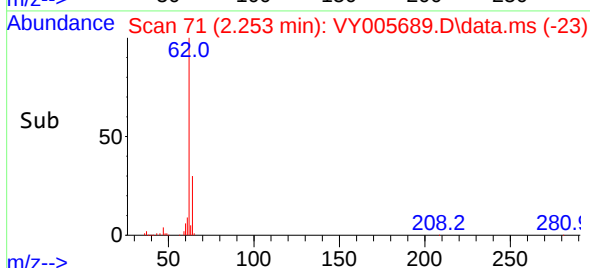
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8/17/2021 7:23:44 PM

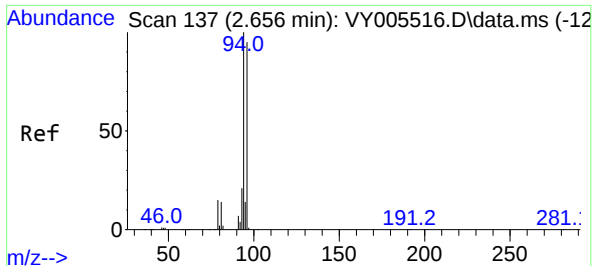


#4  
Vinyl Chloride  
Concen: 23.843 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 62 Resp: 61098  
Ion Ratio Lower Upper  
62 100  
64 30.4 25.9 38.9





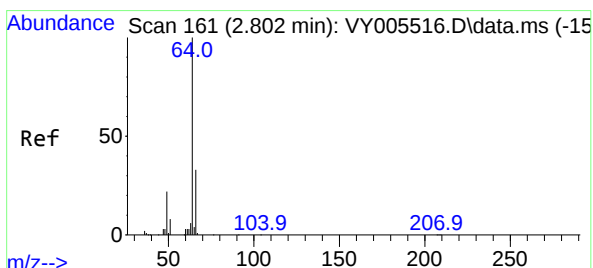
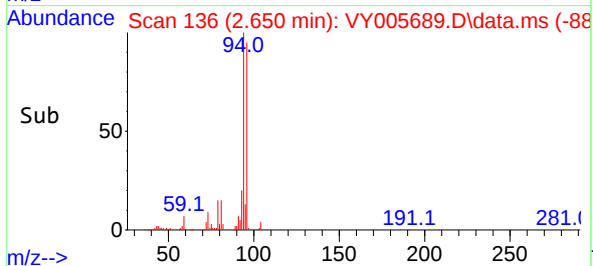
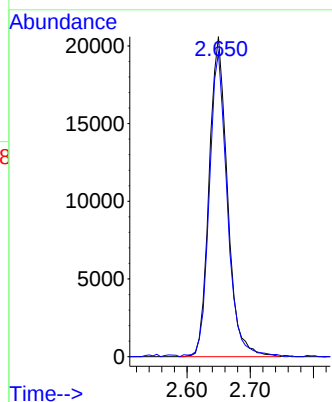
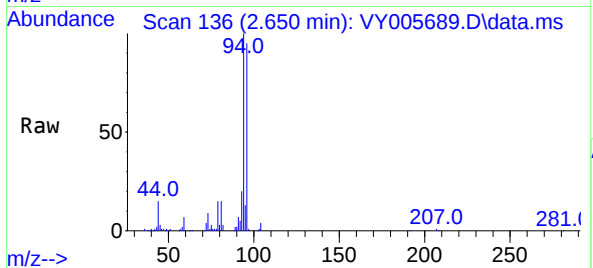
#5  
Bromomethane  
Concen: 24.575 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 94 Resp: 41451  
Ion Ratio Lower Upper  
94 100  
96 95.0 75.7 113.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

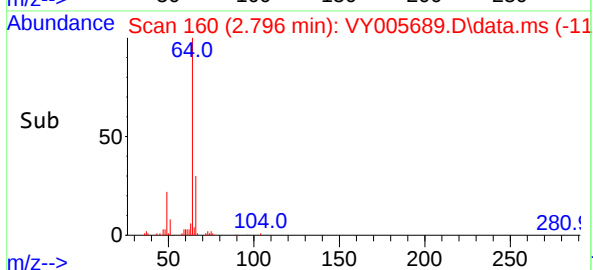
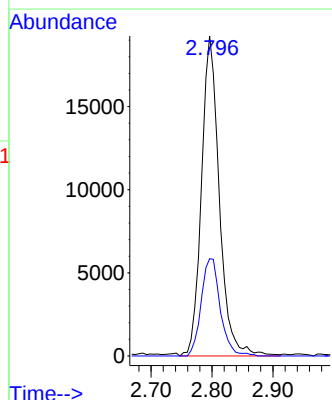
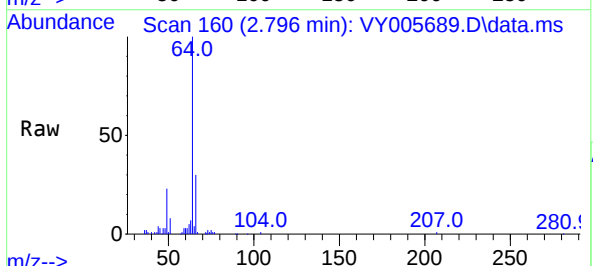
Manual Integrations  
APPROVED

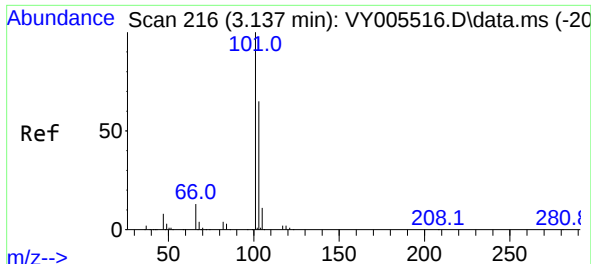
MMDadoda  
8/17/2021 7:23:44 PM



#6  
Chloroethane  
Concen: 25.353 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 64 Resp: 39215  
Ion Ratio Lower Upper  
64 100  
66 30.4 26.1 39.1





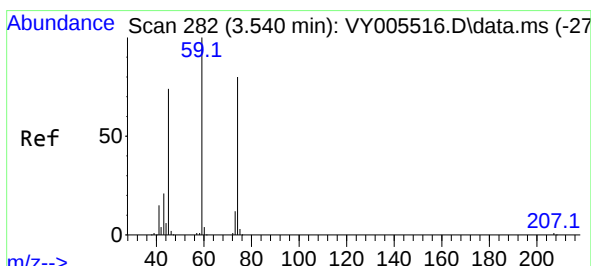
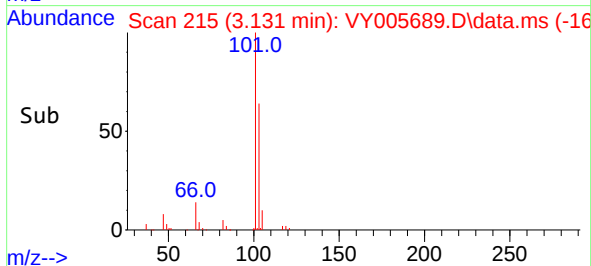
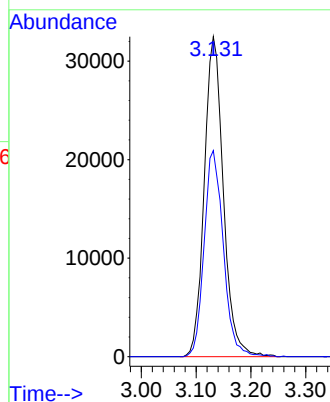
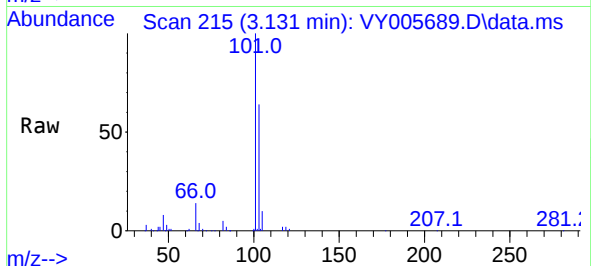
#7  
Trichlorofluoromethane  
Concen: 22.869 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:101 Resp: 78462  
Ion Ratio Lower Upper  
101 100  
103 64.4 52.2 78.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

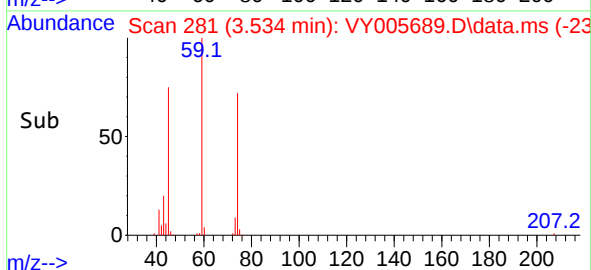
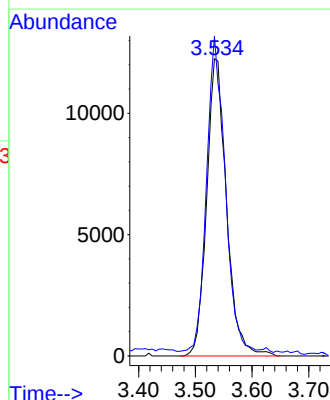
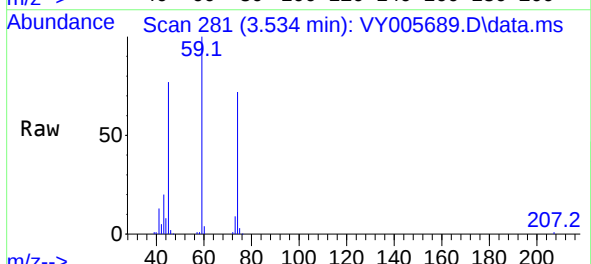
Manual Integrations  
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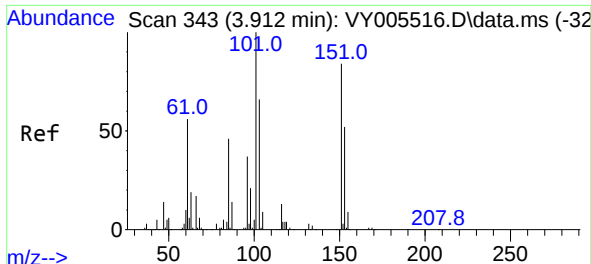
MMDadoda  
8/17/2021 7:23:44 PM



#8  
Diethyl Ether  
Concen: 24.865 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 74 Resp: 29795  
Ion Ratio Lower Upper  
74 100  
45 98.5 47.2 141.6





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.571 ug/l  
RT: 3.906 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

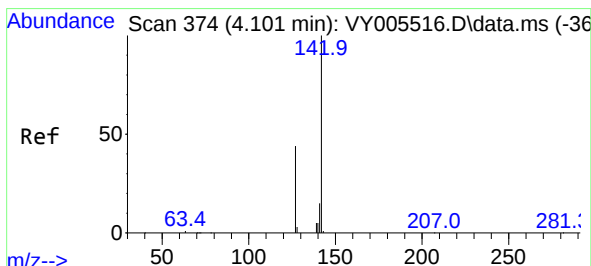
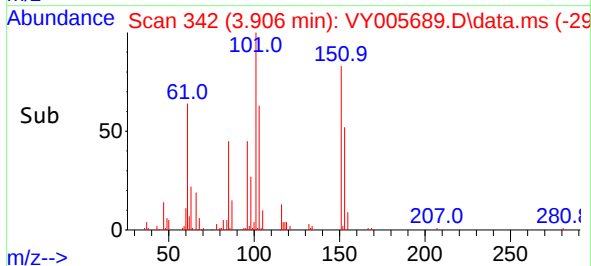
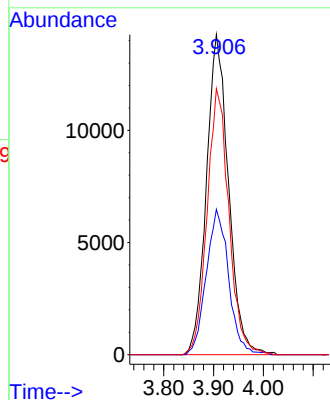
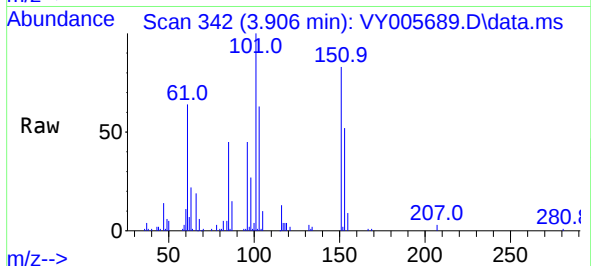
Tgt Ion:101 Resp: 43865  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 46.1  | 36.3  | 54.5  |
| 151 | 82.0  | 67.6  | 101.4 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
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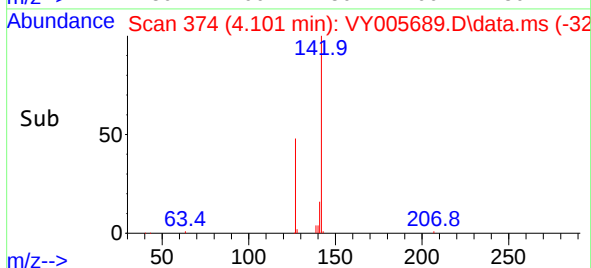
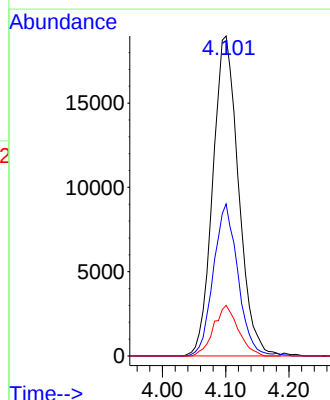
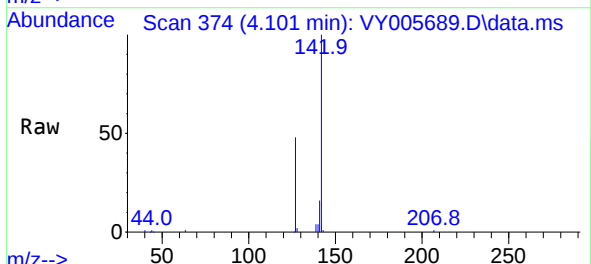
MMDadoda  
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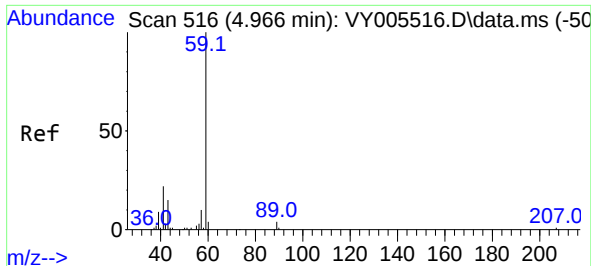


#10  
Methyl Iodide  
Concen: 23.134 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:142 Resp: 53637  

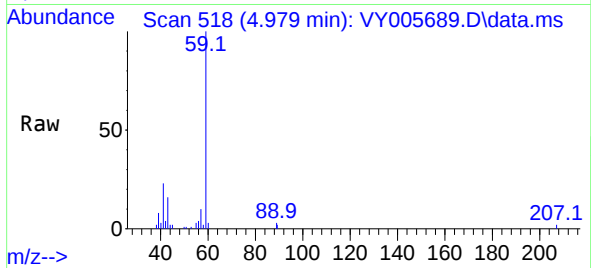
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 45.4  | 36.6  | 54.8  |
| 141 | 15.1  | 12.2  | 18.4  |





#11  
Tert butyl alcohol  
Concen: 124.603 ug/l  
RT: 4.979 min Scan# 518  
Delta R.T. 0.012 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

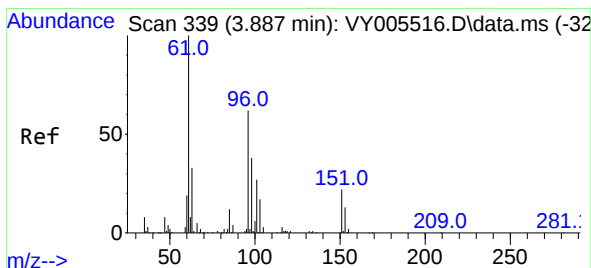
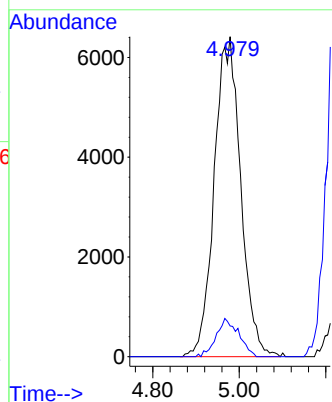
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



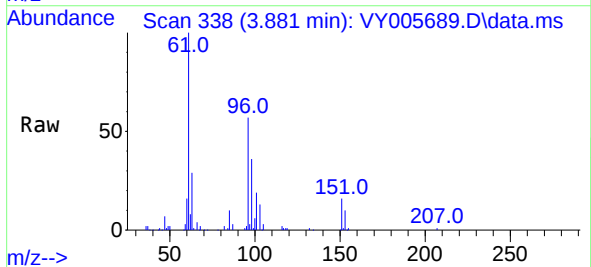
Tgt Ion: 59 Resp: 27189  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.0 12.0

Manual Integrations  
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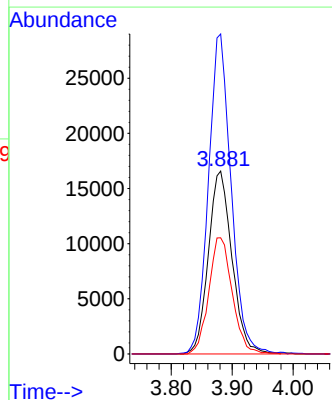
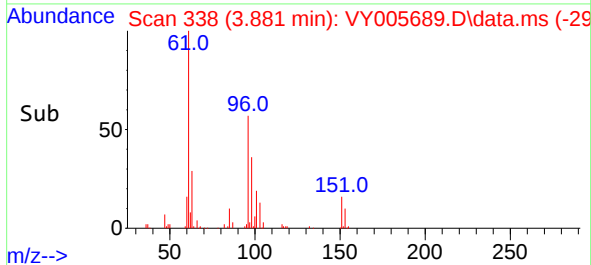
MMDadoda  
8/17/2021 7:23:44 PM

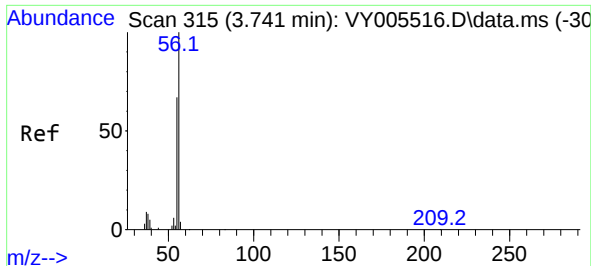


#12  
1,1-Dichloroethene  
Concen: 23.790 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

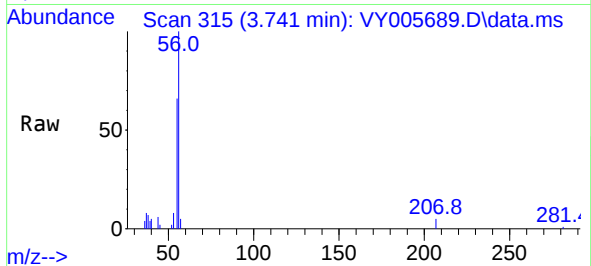


Tgt Ion: 96 Resp: 44706  
Ion Ratio Lower Upper  
96 100  
61 174.6 128.6 192.8  
98 63.5 49.2 73.8

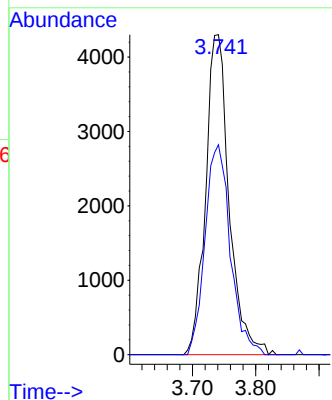
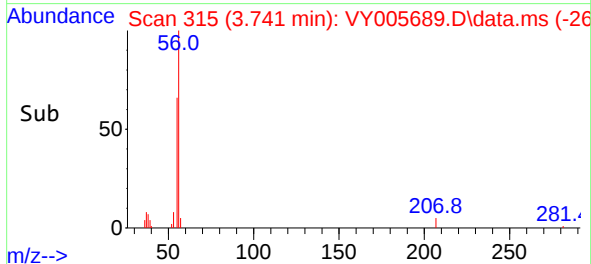




#13  
Acrolein  
Concen: 84.746 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



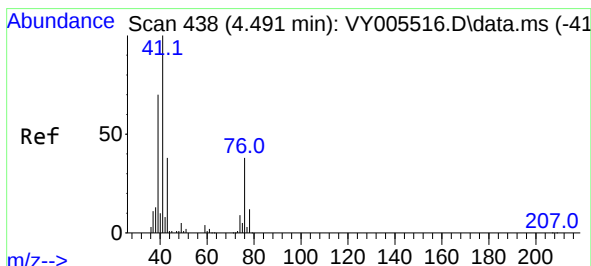
Tgt Ion: 56 Resp: 11157  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.5 84.7



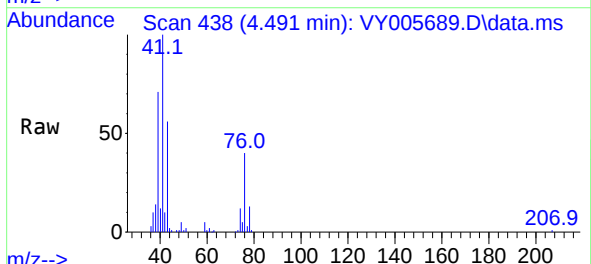
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
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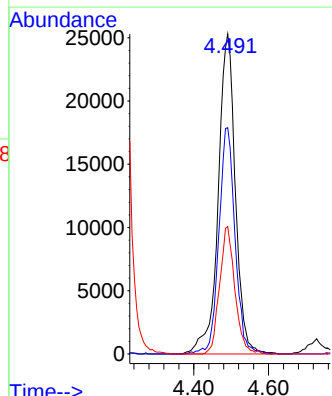
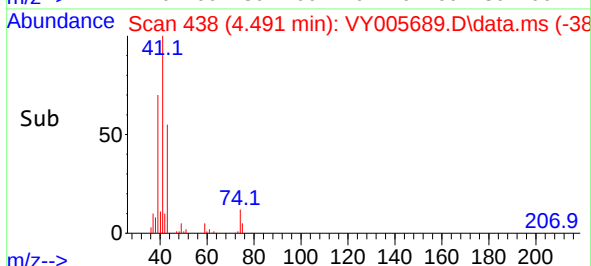
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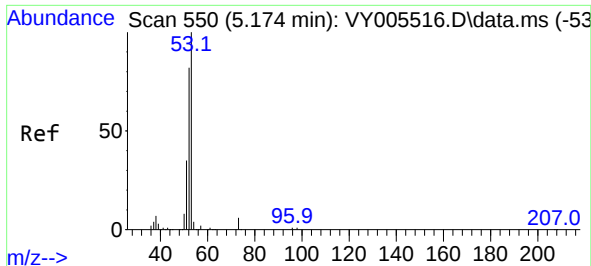


#14  
Allyl chloride  
Concen: 24.537 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



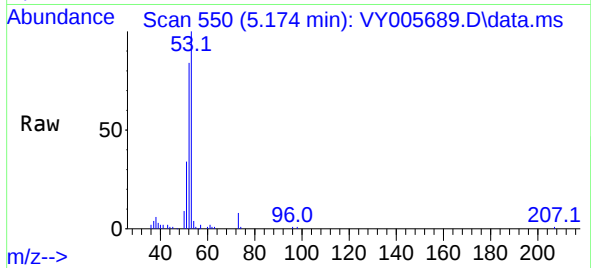
Tgt Ion: 41 Resp: 80763  
Ion Ratio Lower Upper  
41 100  
39 66.8 53.7 80.5  
76 35.5 28.7 43.1





#15  
Acrylonitrile  
Concen: 129.745 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

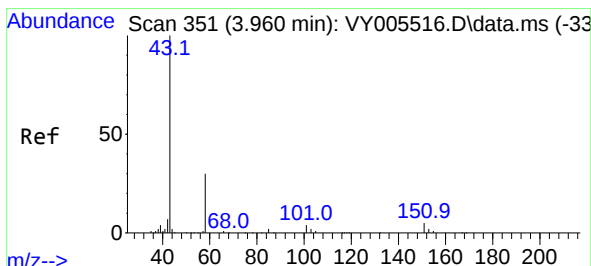
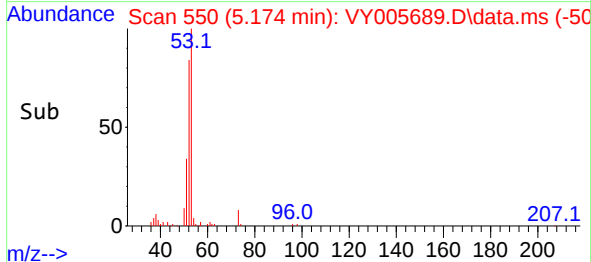
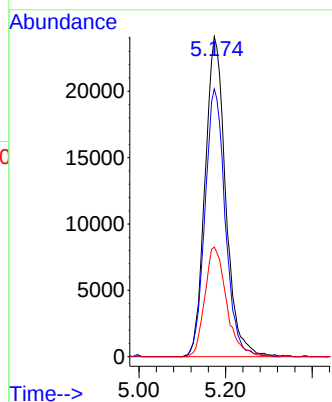
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.4  | 66.6  | 99.8  |
| 51      | 36.2  | 29.9  | 44.9  |

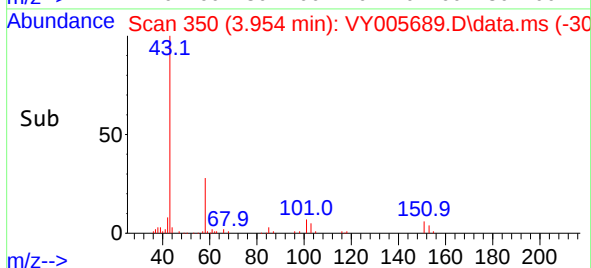
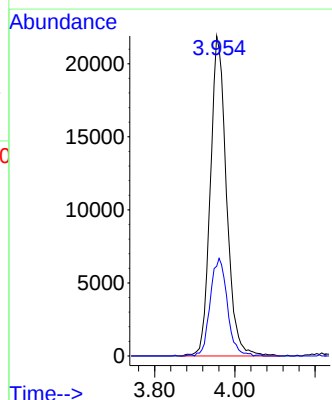
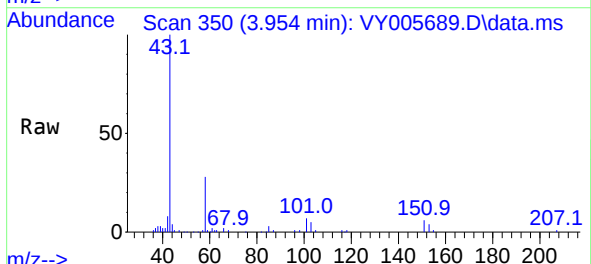
Manual Integrations  
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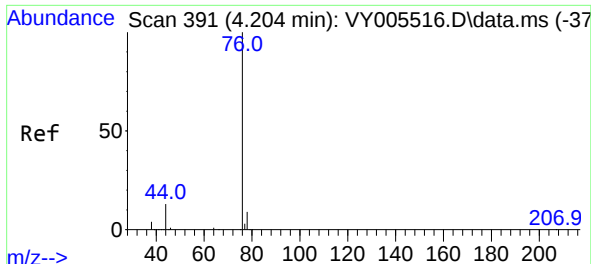
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#16  
Acetone  
Concen: 109.736 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

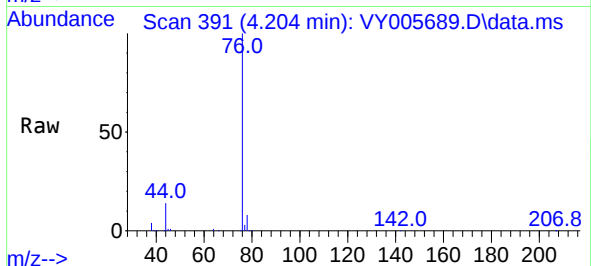
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 28.1  | 23.8  | 35.6  |





#17  
Carbon Disulfide  
Concen: 23.449 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

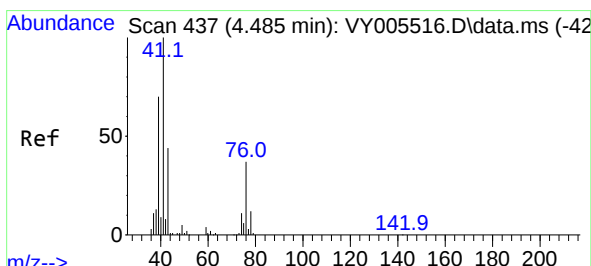
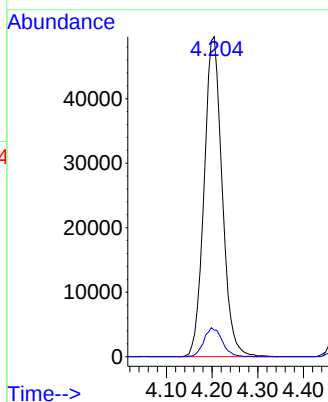
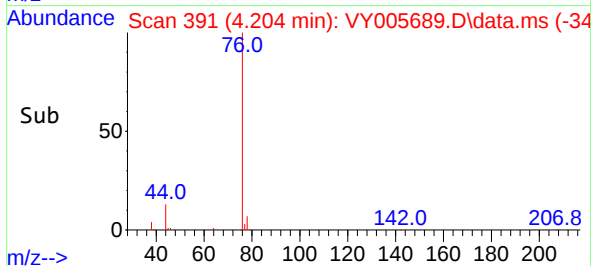
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



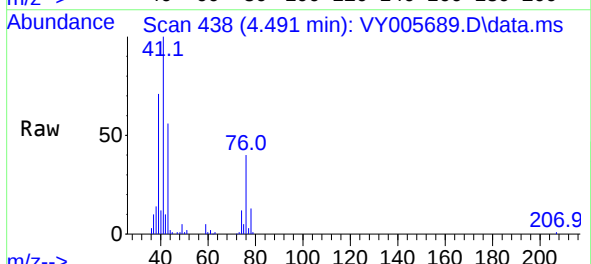
Tgt Ion: 76 Resp: 135837  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.0 10.6

Manual Integrations  
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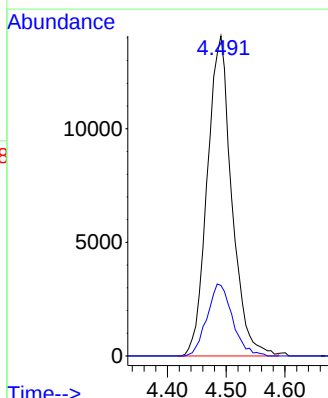
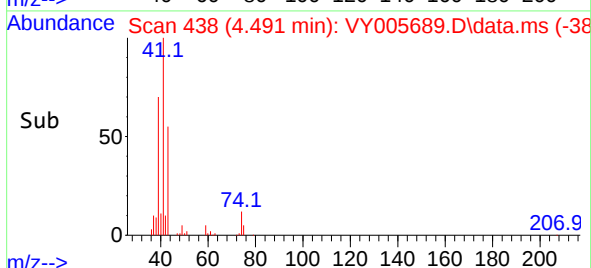
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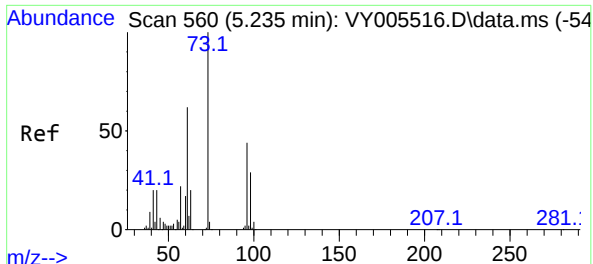


#18  
Methyl Acetate  
Concen: 28.013 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. 0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 43 Resp: 40772  
Ion Ratio Lower Upper  
43 100  
74 23.4 19.0 28.6





#19

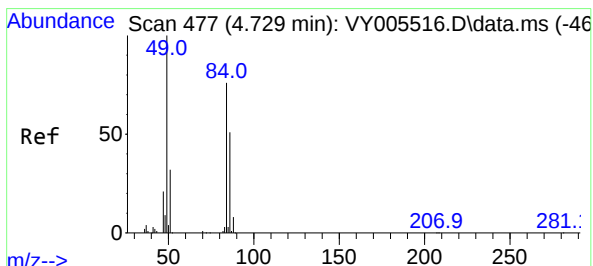
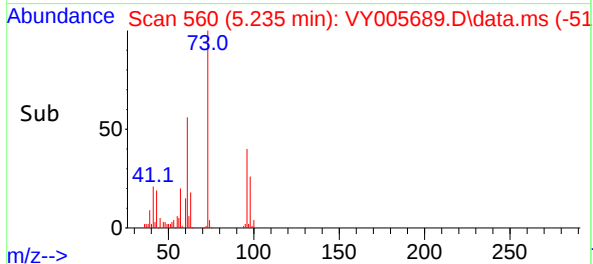
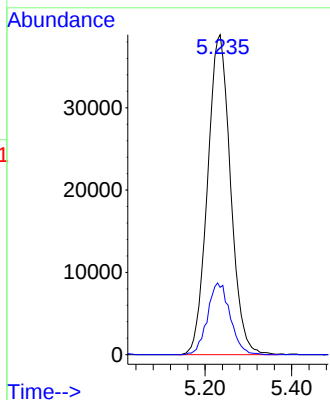
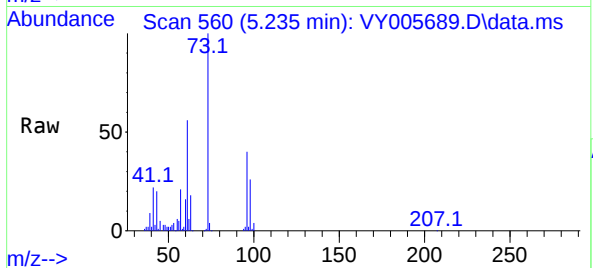
Methyl tert-butyl Ether  
Concen: 24.610 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 73 Resp: 143269  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.7 26.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
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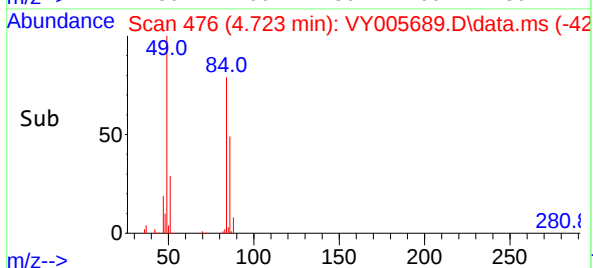
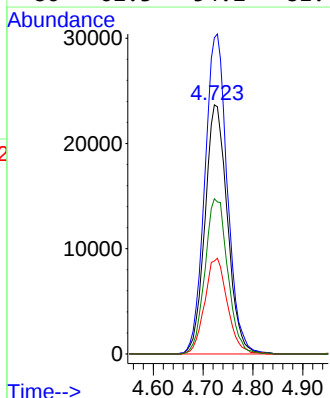
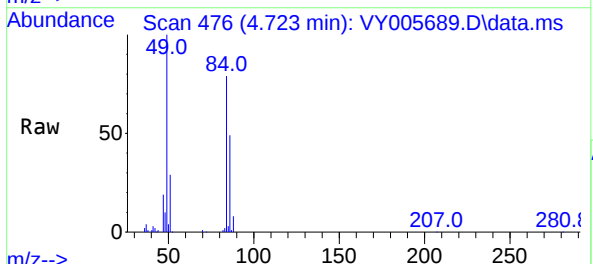
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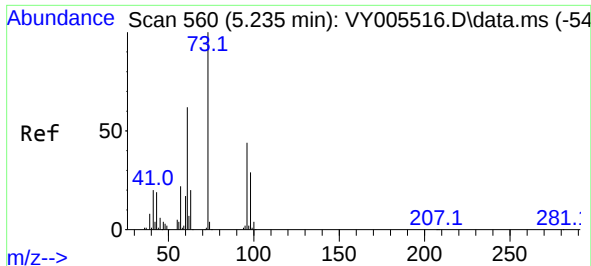


#20

Methylene Chloride  
Concen: 31.332 ug/l  
RT: 4.723 min Scan# 476  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

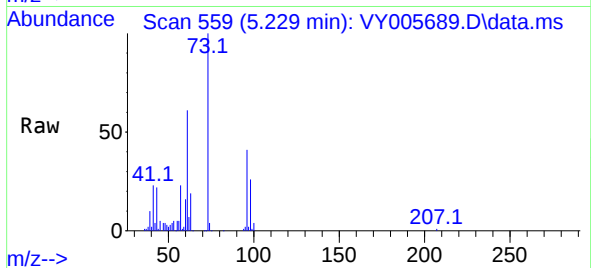
Tgt Ion: 84 Resp: 74107  
Ion Ratio Lower Upper  
84 100  
49 126.9 105.8 158.6  
51 37.3 33.4 50.2  
86 62.3 54.2 81.4





#21  
trans-1,2-Dichloroethene  
Concen: 23.537 ug/l  
RT: 5.229 min Scan# 559  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

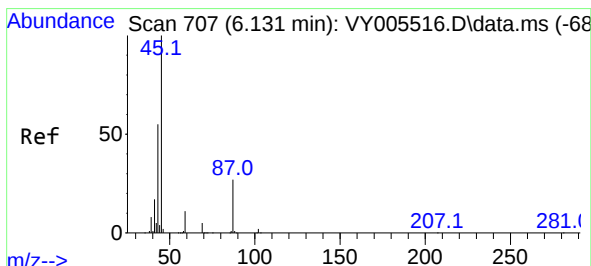
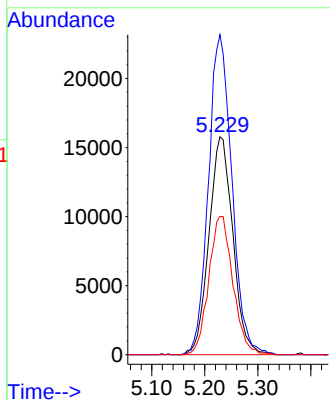
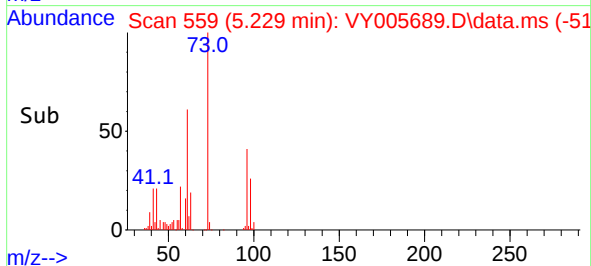
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



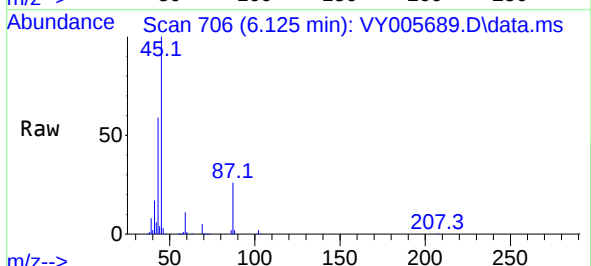
Tgt Ion: 96 Resp: 49452  
Ion Ratio Lower Upper  
96 100  
61 146.9 112.6 168.8  
98 63.5 52.2 78.4

Manual Integrations  
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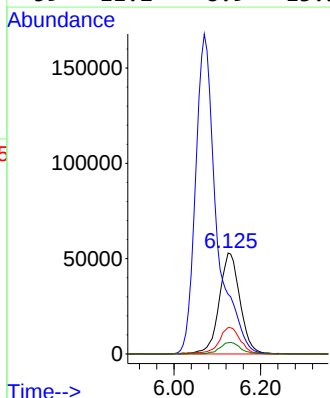
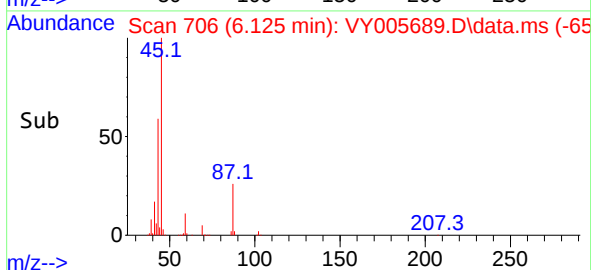
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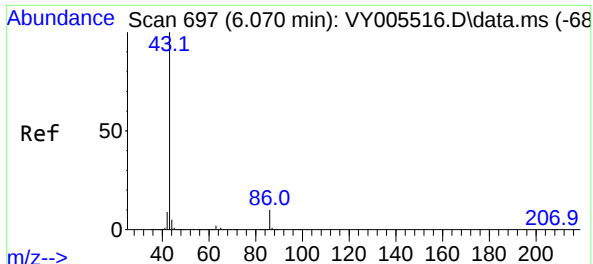


#22  
Diisopropyl ether  
Concen: 25.999 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 45 Resp: 176541  
Ion Ratio Lower Upper  
45 100  
43 58.5 44.2 66.2  
87 26.1 21.6 32.4  
59 11.2 8.9 13.3



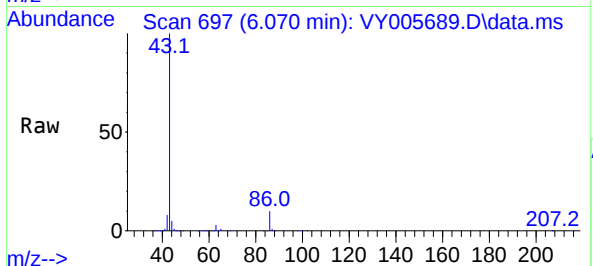


#23  
 Vinyl Acetate  
 Concen: 124.814 ug/l  
 RT: 6.070 min Scan# 697  
 Delta R.T. 0.000 min  
 Lab File: VY005689.D  
 Acq: 17 Aug 2021 00:02

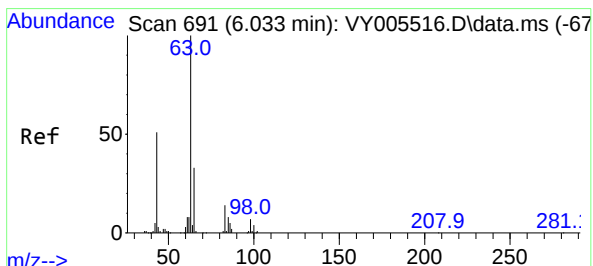
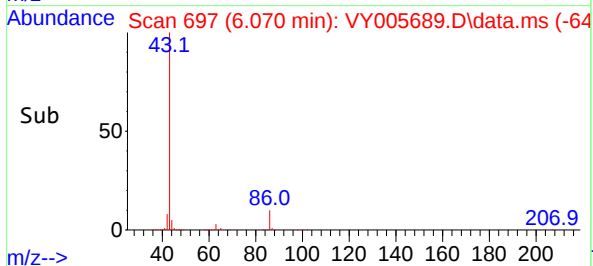
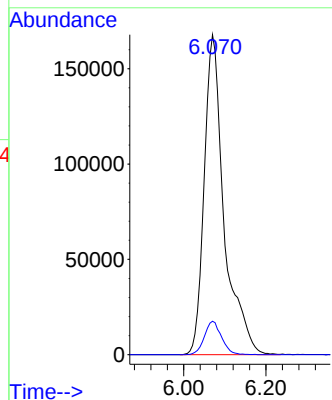
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0816SBS02

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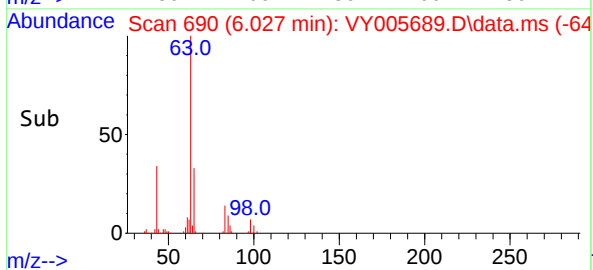
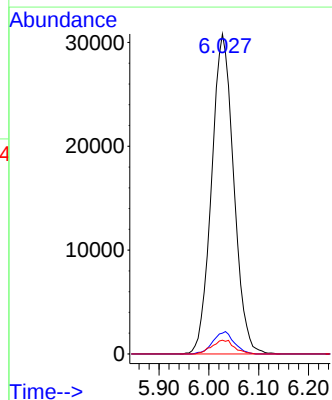
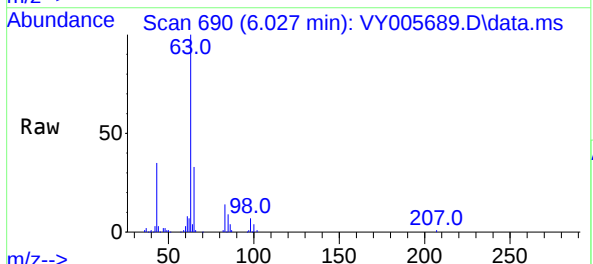


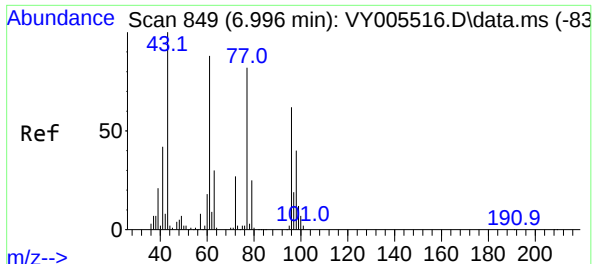
Tgt Ion: 43 Resp: 564022  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 25.272 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY005689.D  
 Acq: 17 Aug 2021 00:02

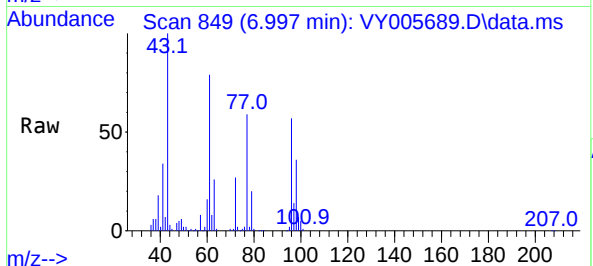
Tgt Ion: 63 Resp: 95100  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.4 10.1  
 100 4.3 2.1 6.5





#25  
2-Butanone  
Concen: 123.188 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

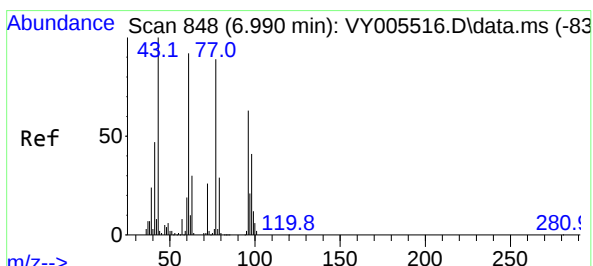
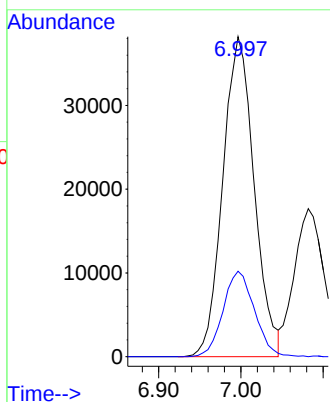
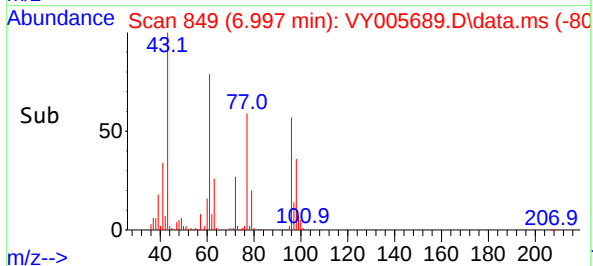
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



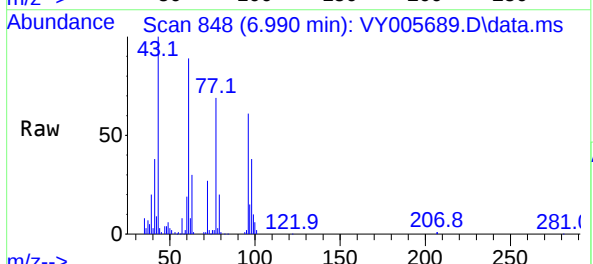
Tgt Ion: 43 Resp: 101338  
Ion Ratio Lower Upper  
43 100  
72 26.7 21.4 32.2

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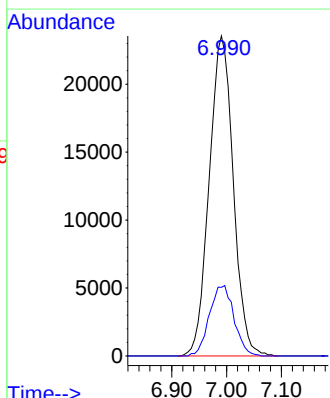
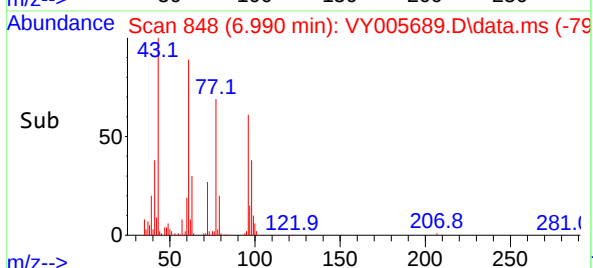
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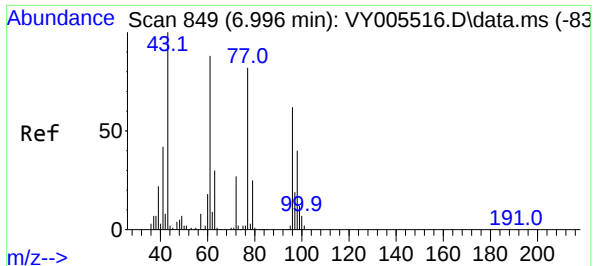


#26  
2,2-Dichloropropane  
Concen: 20.894 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 77 Resp: 71835  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.4 34.1





#27

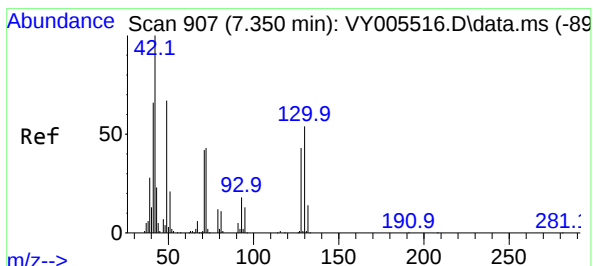
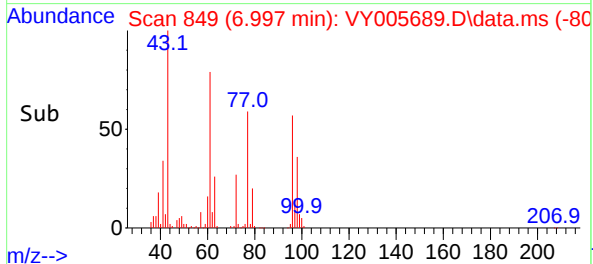
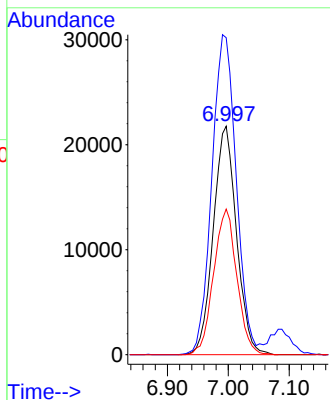
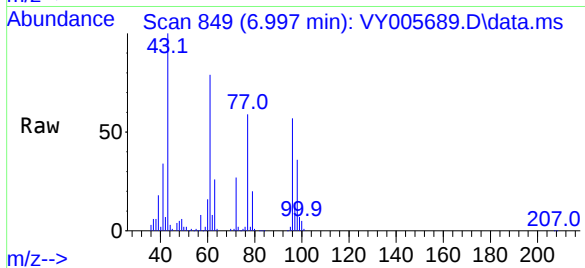
cis-1,2-Dichloroethene  
Concen: 24.169 ug/l  
RT: 6.997 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 147.7 | 0.0   | 290.0 |
| 98      | 63.7  | 0.0   | 128.0 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
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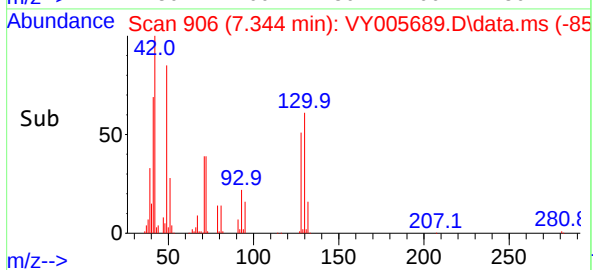
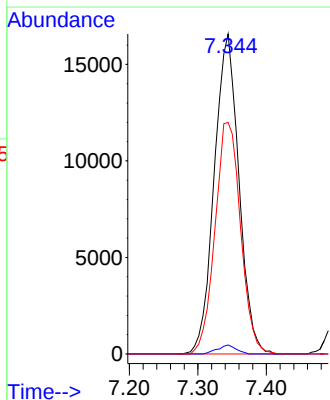
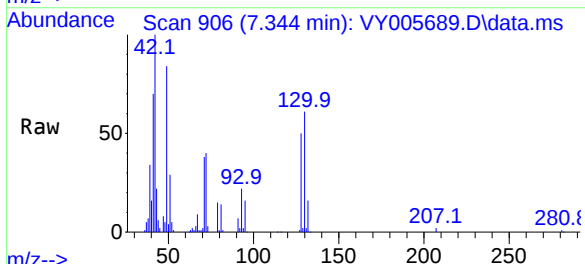
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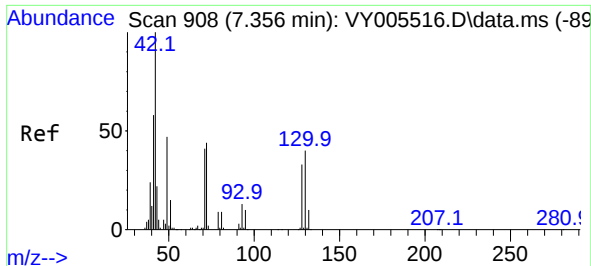


#28

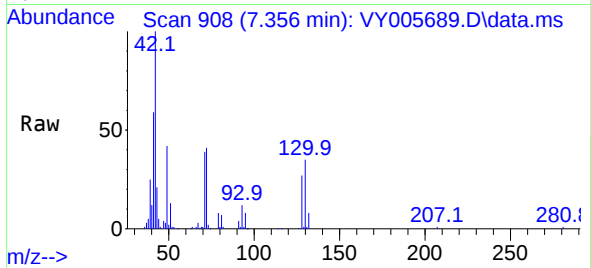
Bromochloromethane  
Concen: 27.540 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 4.0   |
| 130     | 75.1  | 64.0  | 96.0  |

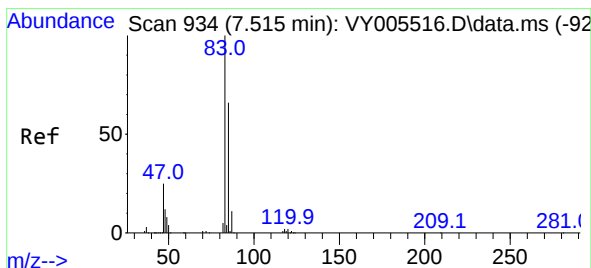
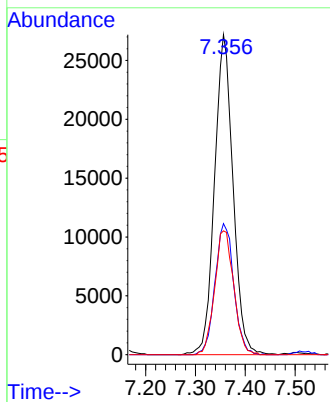
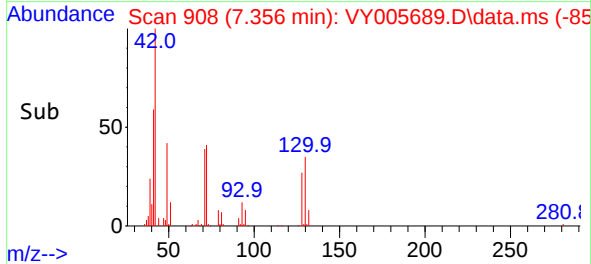




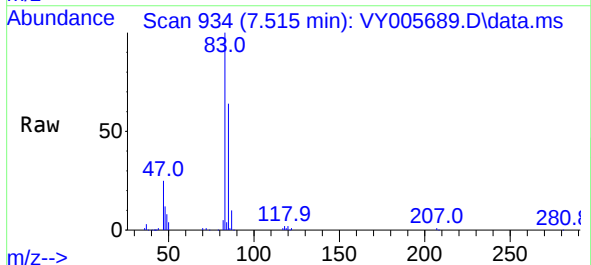
#29  
Tetrahydrofuran  
Concen: 128.441 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



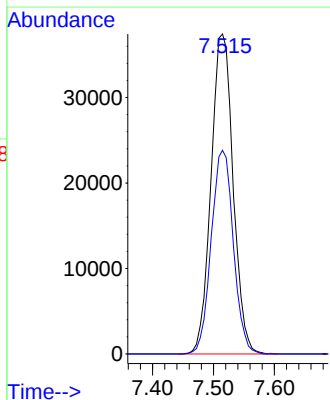
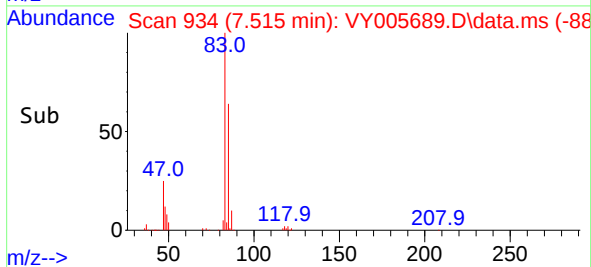
Tgt Ion: 42 Resp: 69885  
Ion Ratio Lower Upper  
42 100  
72 41.7 35.0 52.4  
71 40.0 33.3 49.9



#30  
Chloroform  
Concen: 24.565 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



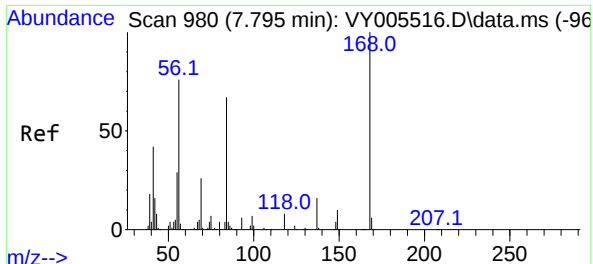
Tgt Ion: 83 Resp: 94349  
Ion Ratio Lower Upper  
83 100  
85 63.7 52.7 79.1



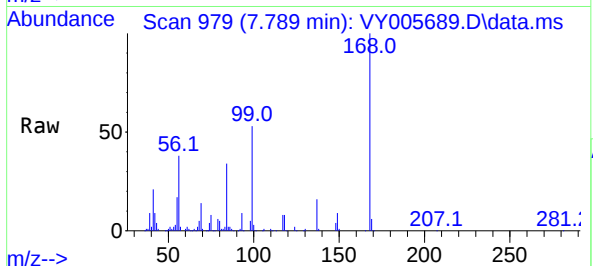
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

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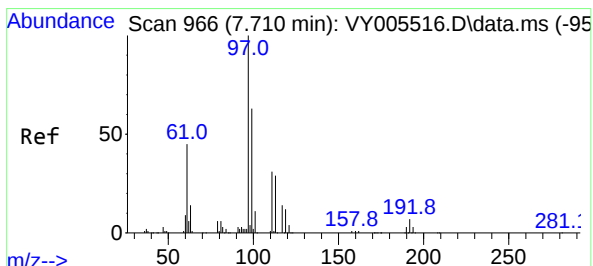
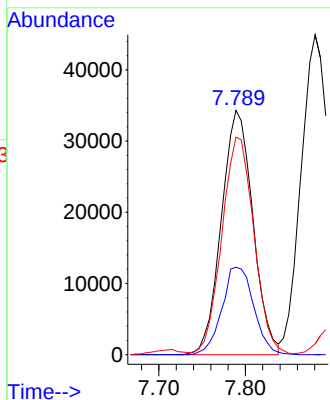
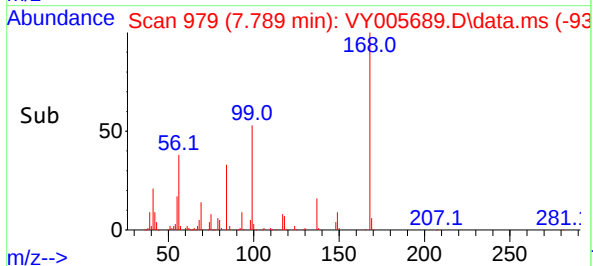
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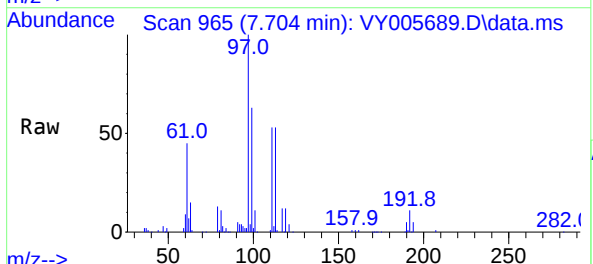
#31  
Cyclohexane  
Concen: 22.939 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



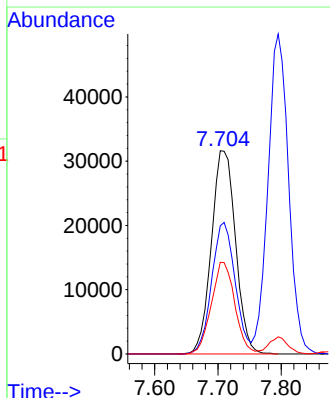
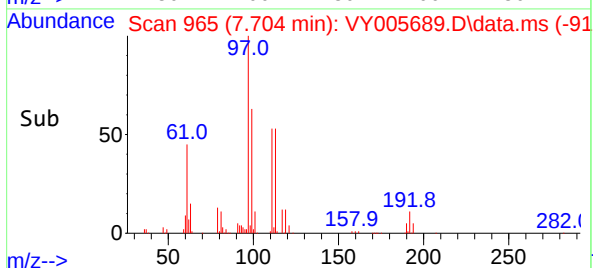
Tgt Ion: 56 Resp: 86848  
Ion Ratio Lower Upper  
56 100  
69 35.8 27.7 41.5  
84 87.8 70.9 106.3



#32  
1,1,1-Trichloroethane  
Concen: 23.730 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



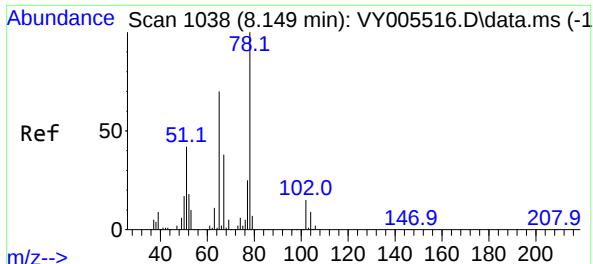
Tgt Ion: 97 Resp: 83782  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.1 76.7  
61 43.8 35.0 52.6



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

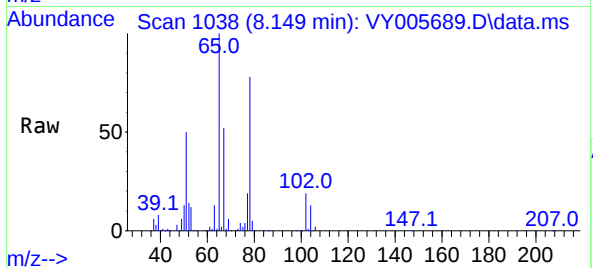
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#33  
1,2-Dichloroethane-d4  
Concen: 57.067 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

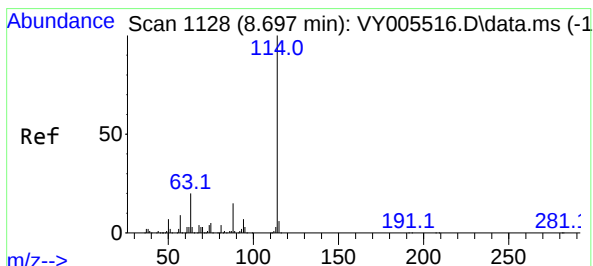
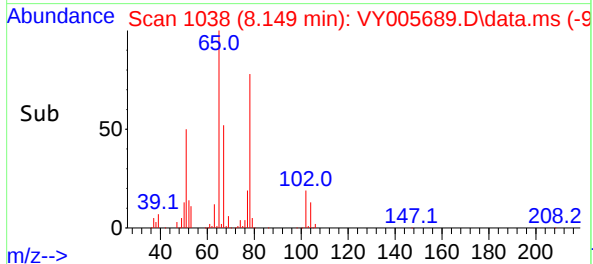
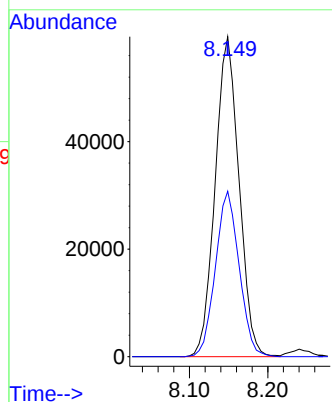
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02



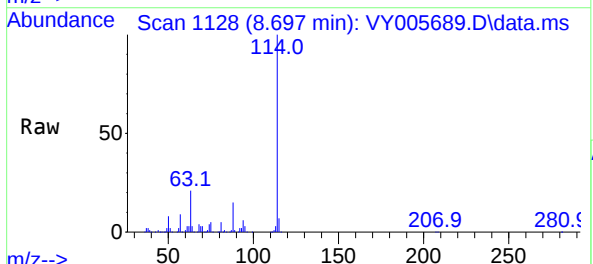
Tgt Ion: 65 Resp: 125962  
Ion Ratio Lower Upper  
65 100  
67 51.3 0.0 103.4

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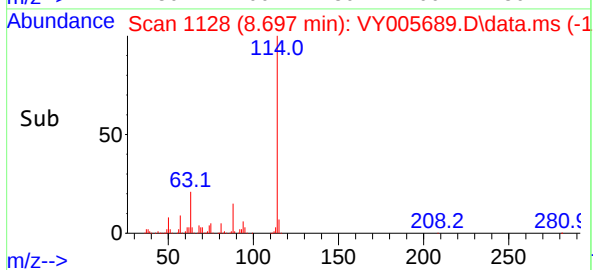
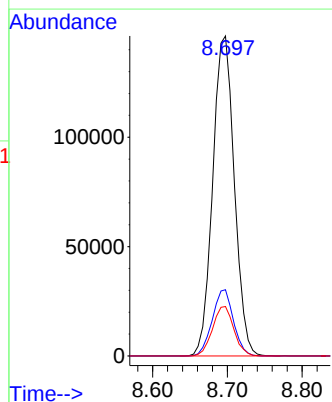
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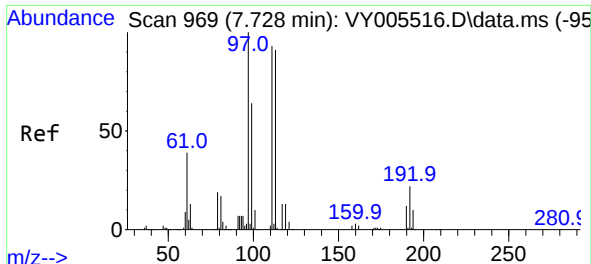


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



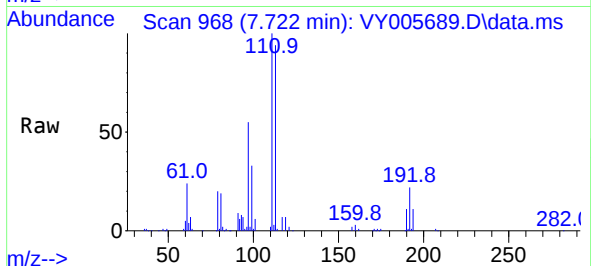
Tgt Ion: 114 Resp: 294157  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 39.2  
88 15.5 0.0 30.8





#35  
Dibromofluoromethane  
Concen: 61.332 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

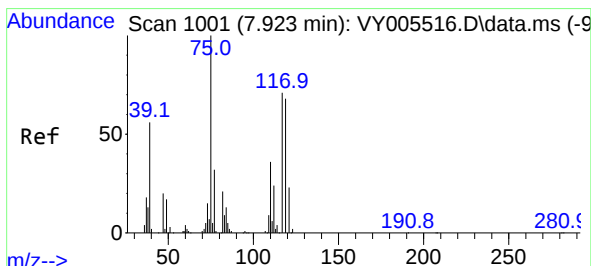
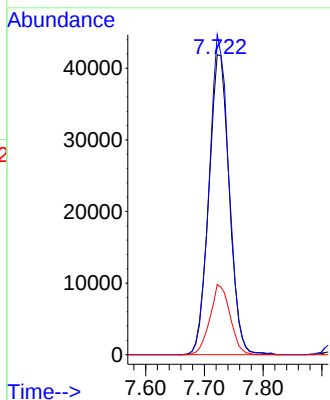
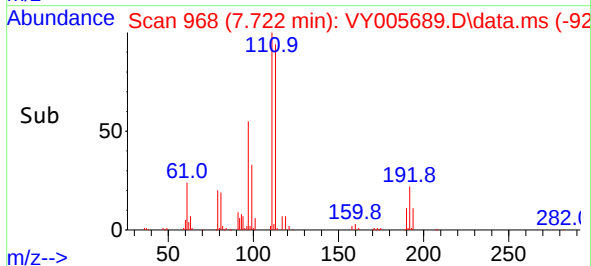
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



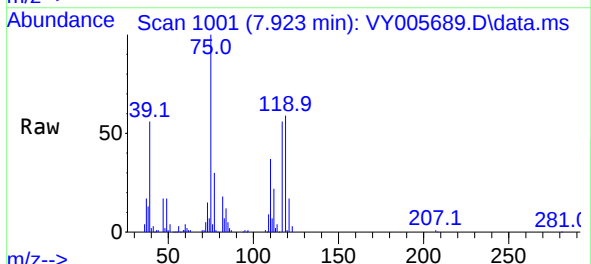
Tgt Ion: 113 Resp: 101008  
Ion Ratio Lower Upper  
113 100  
111 104.0 81.9 122.9  
192 23.1 19.2 28.8

Manual Integrations  
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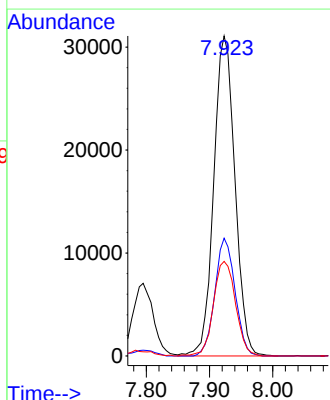
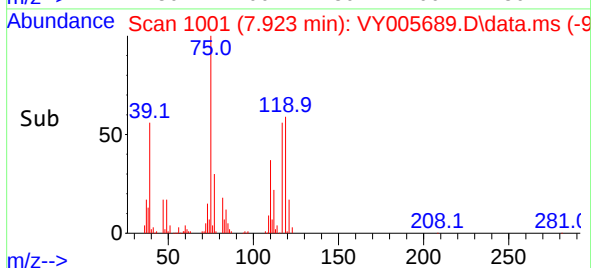
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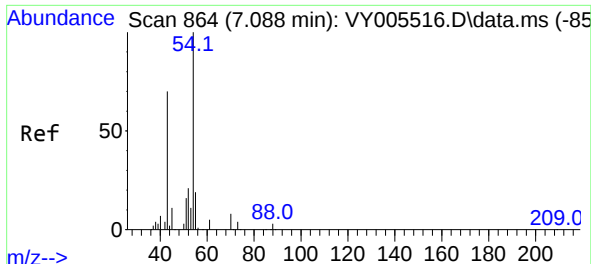


#36  
1,1-Dichloropropene  
Concen: 26.202 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



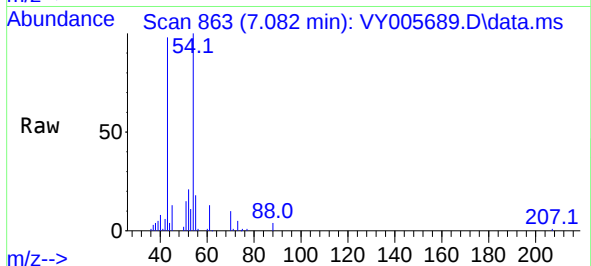
Tgt Ion: 75 Resp: 72291  
Ion Ratio Lower Upper  
75 100  
110 35.0 18.1 54.1  
77 30.8 25.1 37.7





#37  
Ethyl Acetate  
Concen: 27.987 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

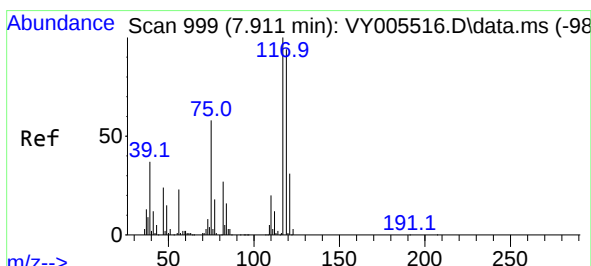
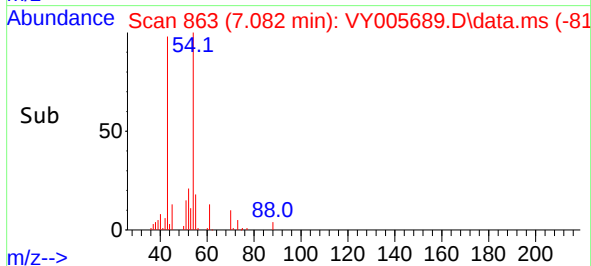
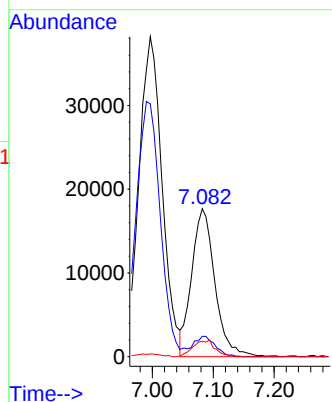


Tgt Ion: 43 Resp: 46778

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 12.5  | 10.6  | 15.8  |
| 70  | 10.5  | 8.6   | 13.0  |

Manual Integrations  
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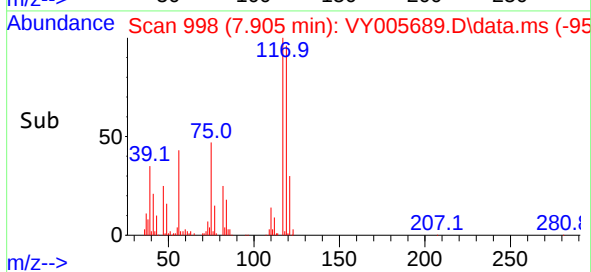
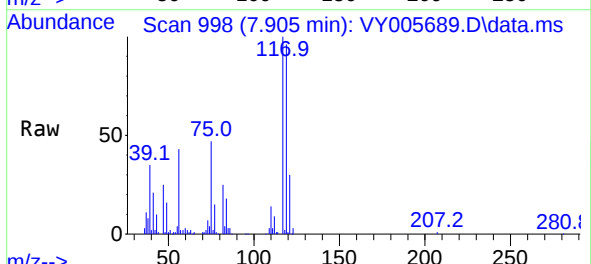
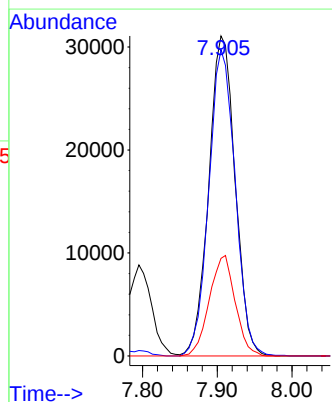
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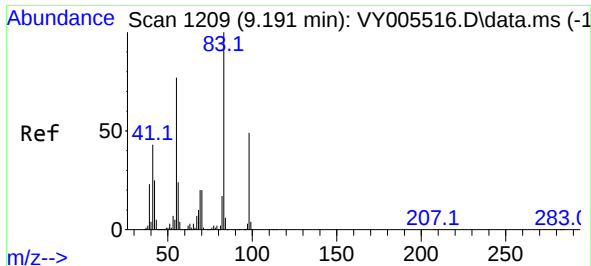


#38  
Carbon Tetrachloride  
Concen: 25.400 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 117 Resp: 76165

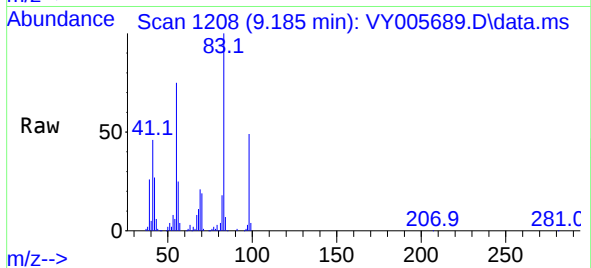
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 95.7  | 75.4  | 113.0 |
| 121 | 30.5  | 25.1  | 37.7  |





#39  
Methylcyclohexane  
Concen: 21.401 ug/l  
RT: 9.185 min Scan# 1208  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

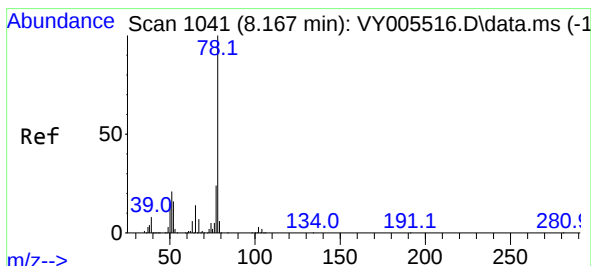
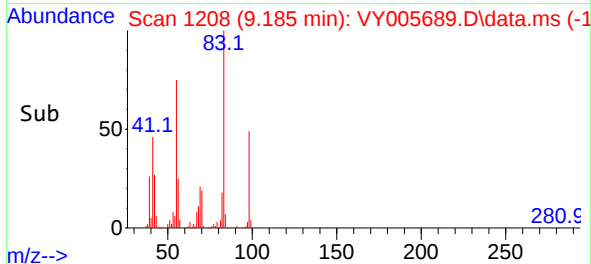
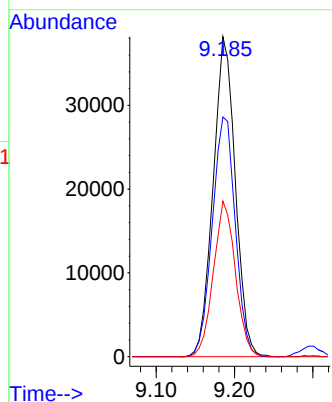
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



Tgt Ion: 83 Resp: 75119  
Ion Ratio Lower Upper  
83 100  
55 74.9 61.7 92.5  
98 48.6 38.9 58.3

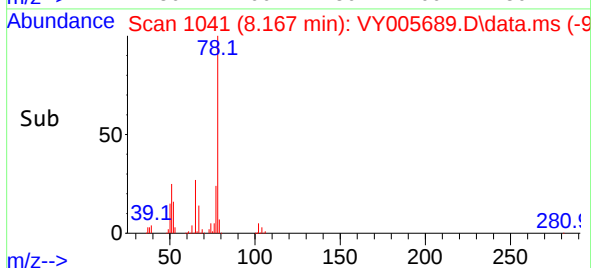
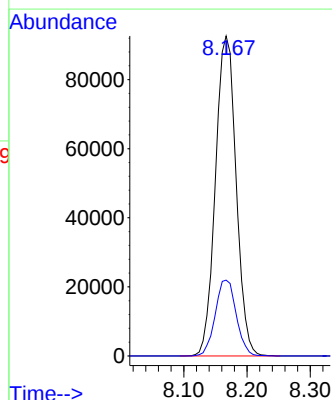
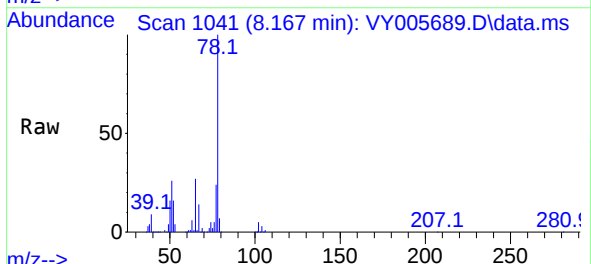
Manual Integrations  
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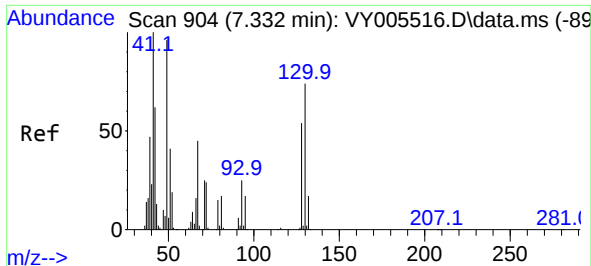
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8/17/2021 7:23:44 PM



#40  
Benzene  
Concen: 26.551 ug/l  
RT: 8.167 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 78 Resp: 209769  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.6 29.4





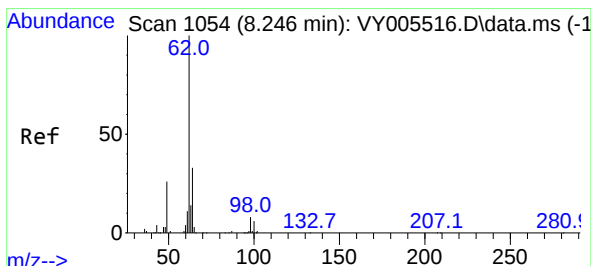
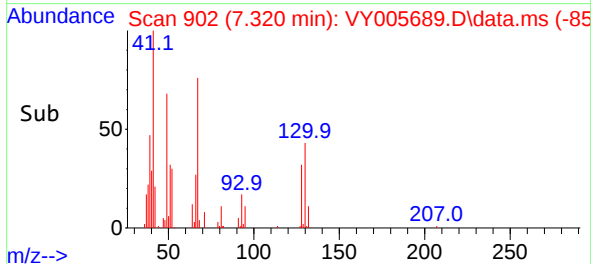
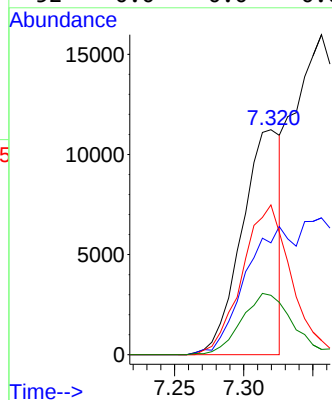
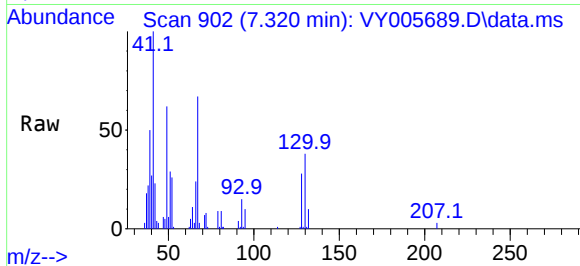
#41  
Methacrylonitrile  
Concen: 24.394 ug/l m  
RT: 7.320 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 41 Resp: 22123  
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 :  
VY0816SBSD02

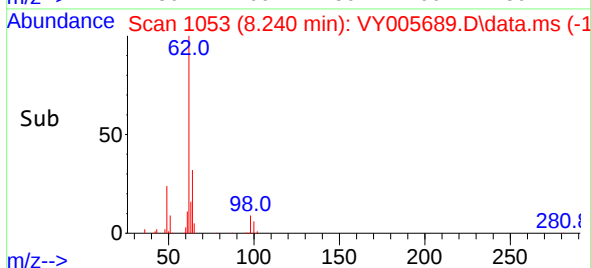
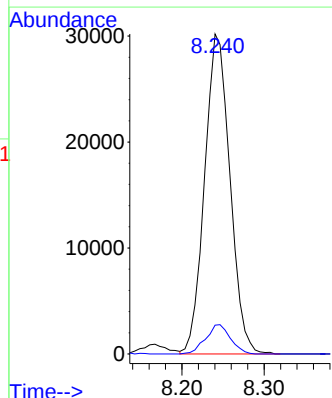
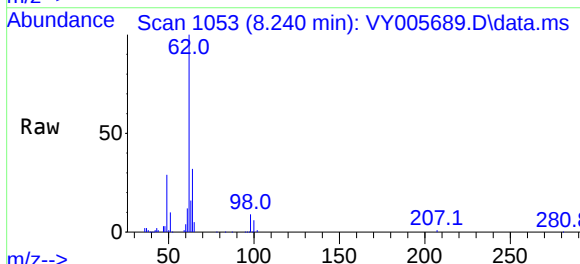
Manual Integrations  
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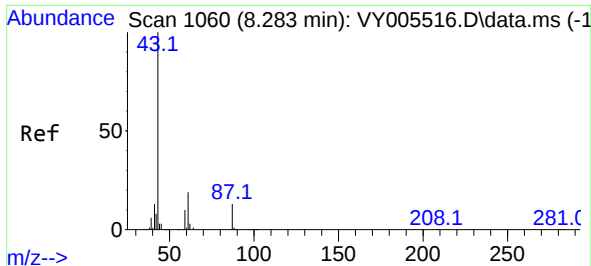
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#42  
1,2-Dichloroethane  
Concen: 25.242 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

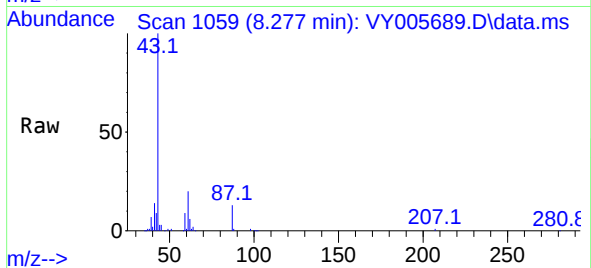
Tgt Ion: 62 Resp: 64690  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 18.4





#43  
Isopropyl Acetate  
Concen: 24.624 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

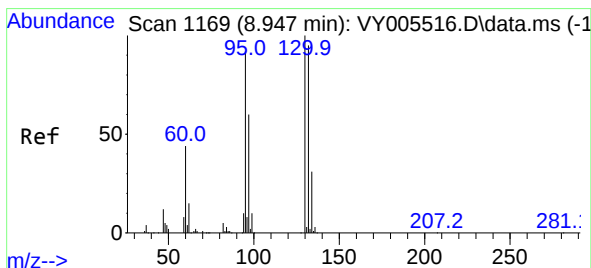
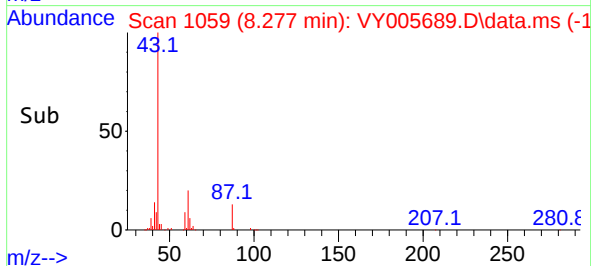
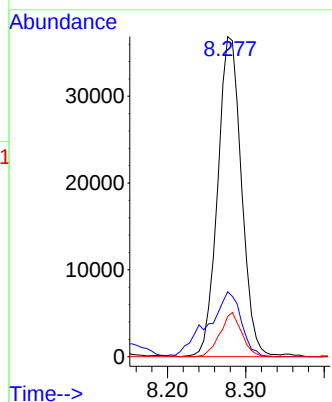


Tgt Ion: 43 Resp: 77922

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 28.4  | 23.0  | 34.6  |
| 87  | 12.5  | 10.6  | 16.0  |

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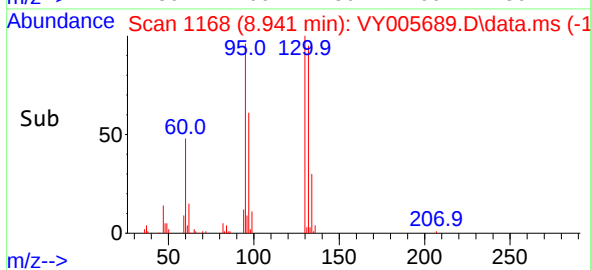
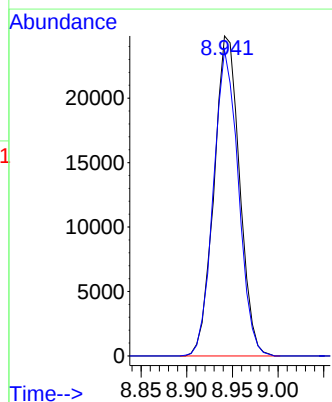
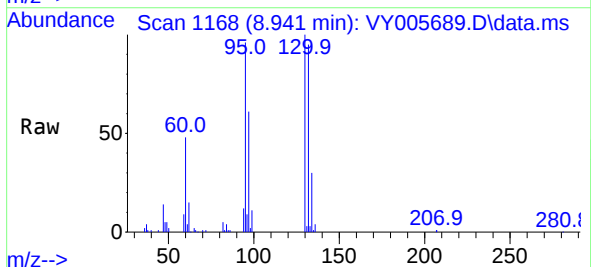
MMDadoda  
8/17/2021 7:23:44 PM

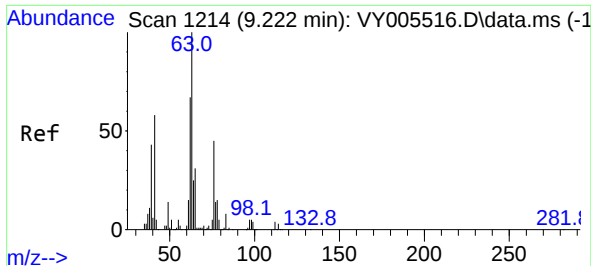


#44  
Trichloroethene  
Concen: 22.417 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 130 Resp: 48339

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 95.6  | 0.0   | 185.0 |





#45

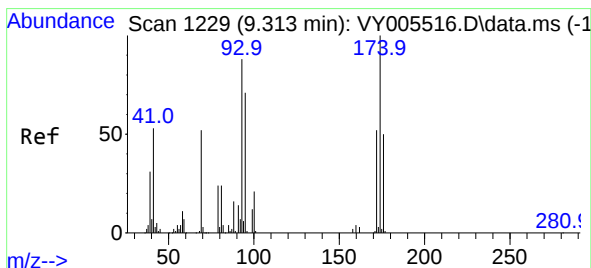
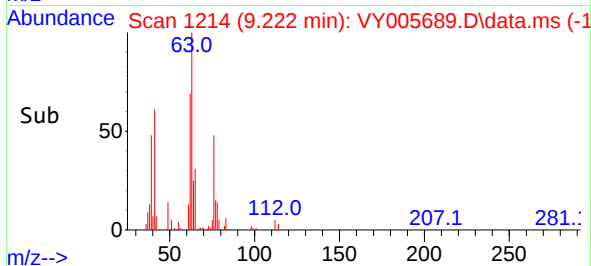
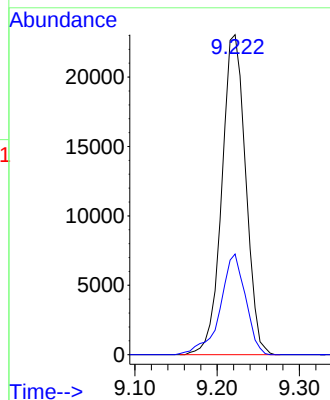
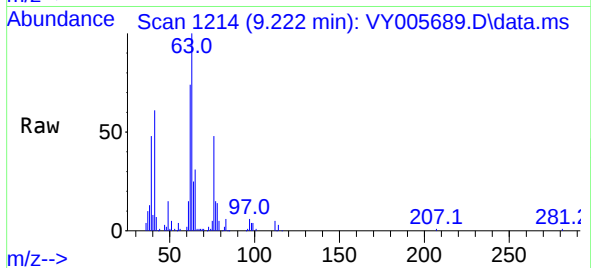
1,2-Dichloropropane  
Concen: 23.520 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 63 Resp: 46490  
Ion Ratio Lower Upper  
63 100  
65 31.4 24.9 37.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
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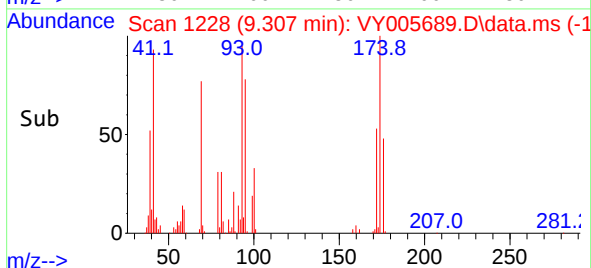
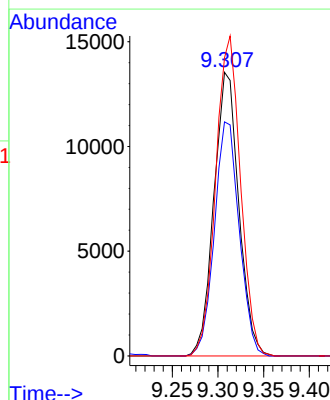
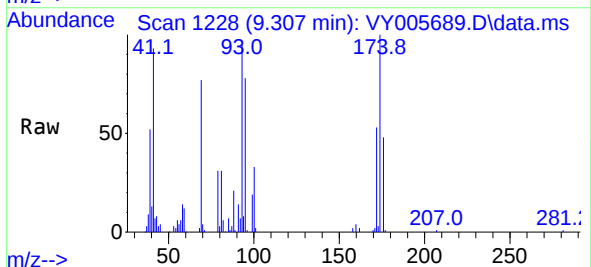
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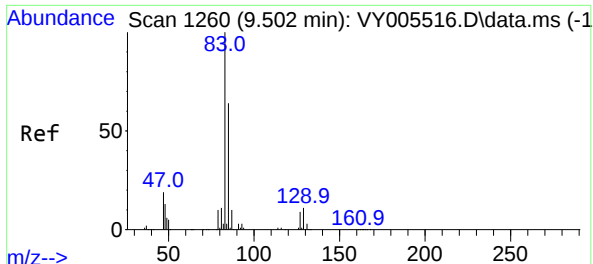


#46

Dibromomethane  
Concen: 23.497 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 93 Resp: 25680  
Ion Ratio Lower Upper  
93 100  
95 82.2 66.5 99.7  
174 112.1 93.8 140.6





#47  
Bromodichloromethane  
Concen: 23.299 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

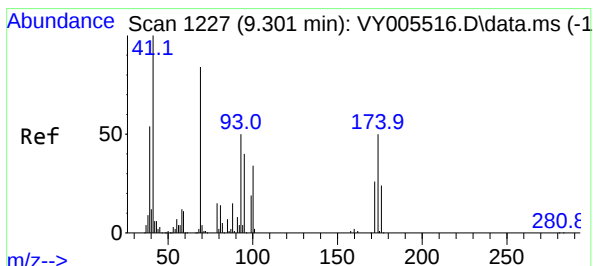
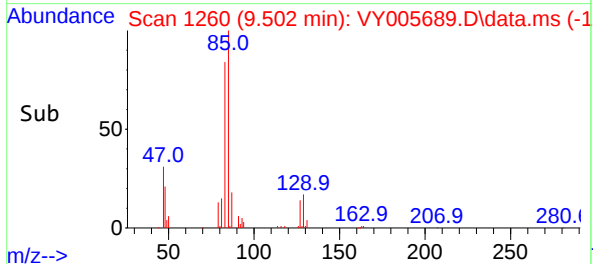
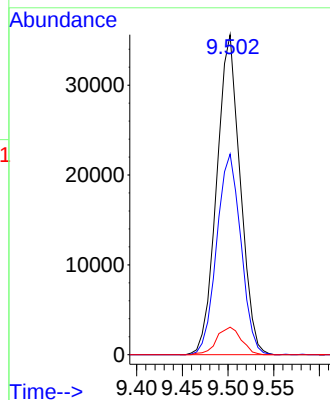
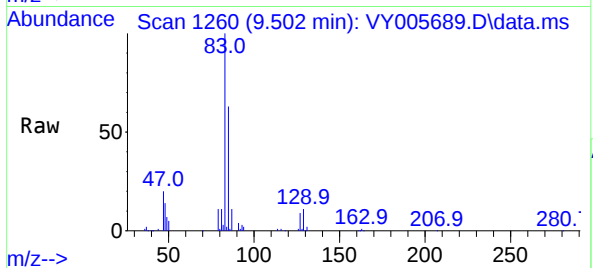
Tgt Ion: 83 Resp: 63729

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.7  | 51.0  | 76.4  |
| 127 | 8.6   | 7.0   | 10.4  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
APPROVED

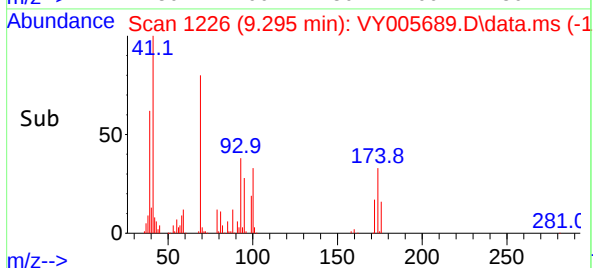
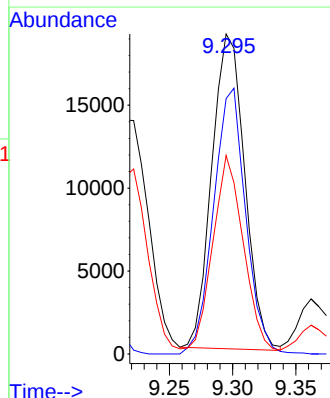
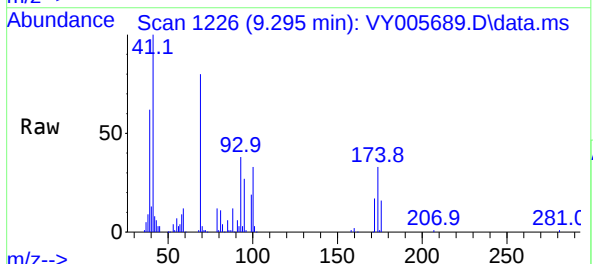
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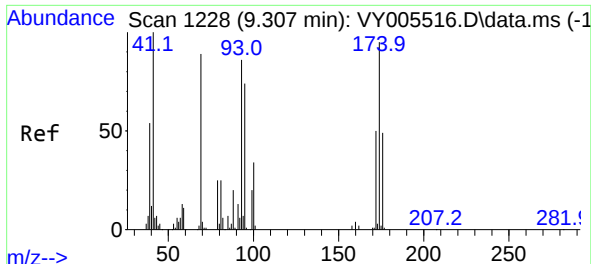


#48  
Methyl methacrylate  
Concen: 23.960 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

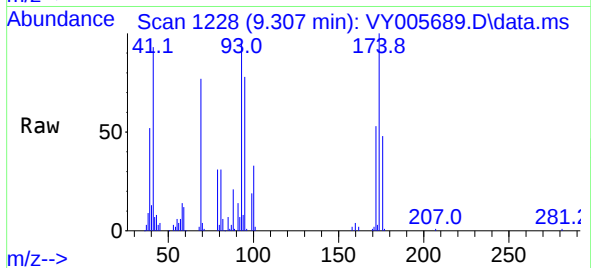
Tgt Ion: 41 Resp: 34265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 82.7  | 69.0  | 103.4 |
| 39  | 60.1  | 46.0  | 69.0  |

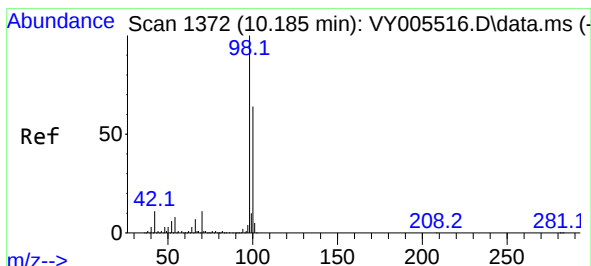
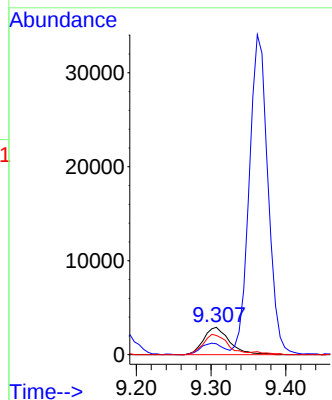
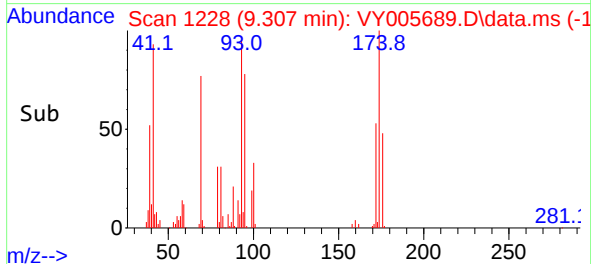




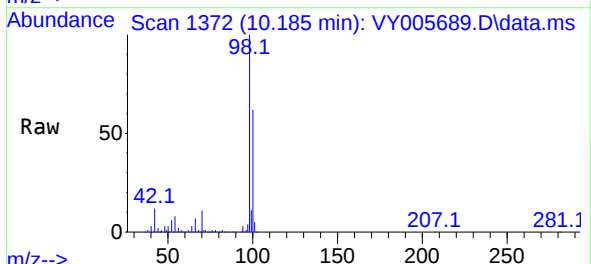
#49  
1,4-Dioxane  
Concen: 464.083 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



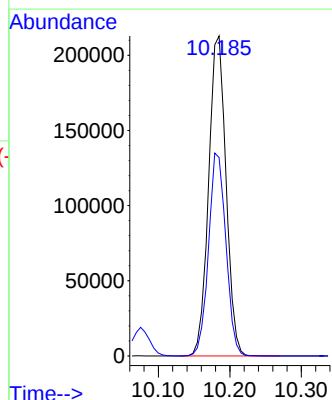
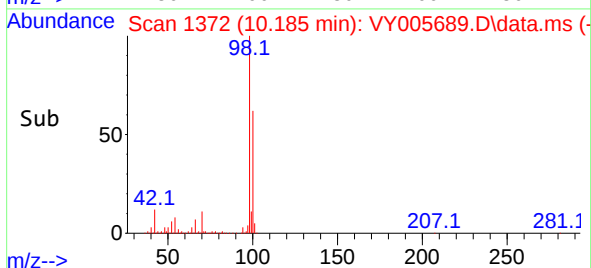
Tgt Ion: 88 Resp: 7049  
Ion Ratio Lower Upper  
88 100  
43 37.0 27.0 40.4  
58 69.8 53.8 80.8



#50  
Toluene-d8  
Concen: 52.104 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



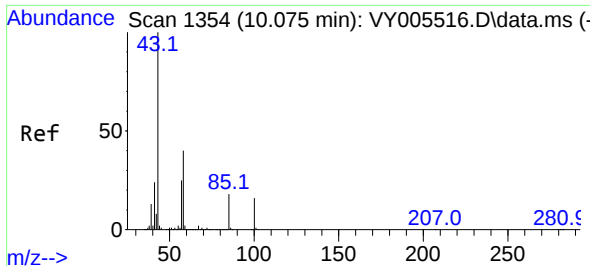
Tgt Ion: 98 Resp: 359883  
Ion Ratio Lower Upper  
98 100  
100 63.2 51.3 76.9



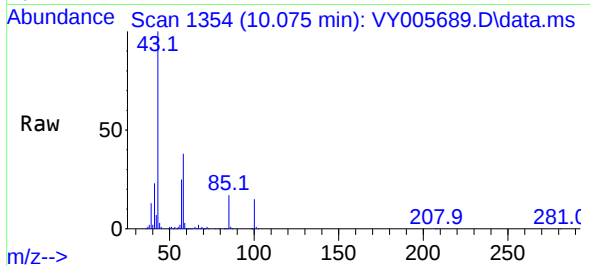
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

Manual Integrations  
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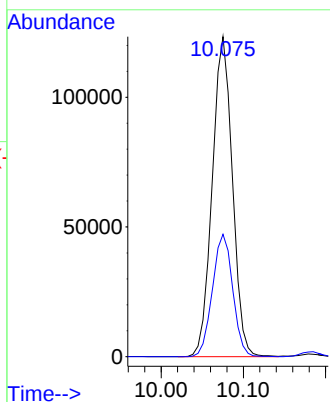
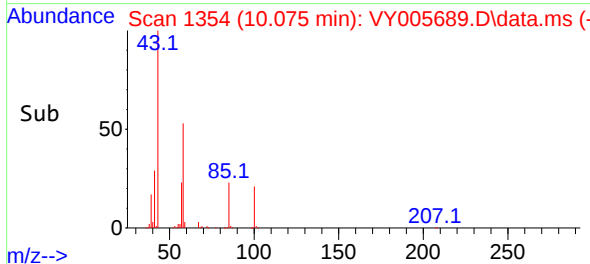
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#51  
4-Methyl-2-Pentanone  
Concen: 125.957 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



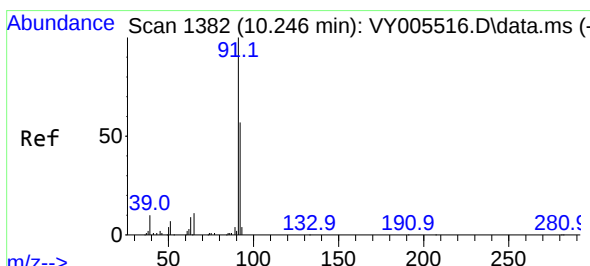
Tgt Ion: 43 Resp: 209906  
Ion Ratio Lower Upper  
43 100  
58 38.5 31.4 47.2



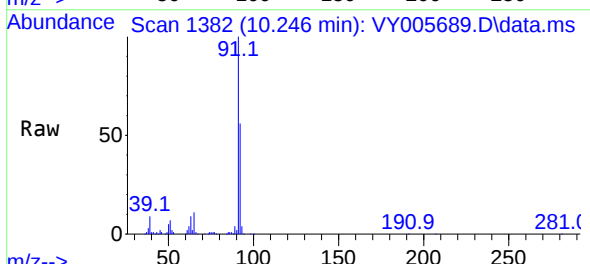
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

Manual Integrations  
APPROVED

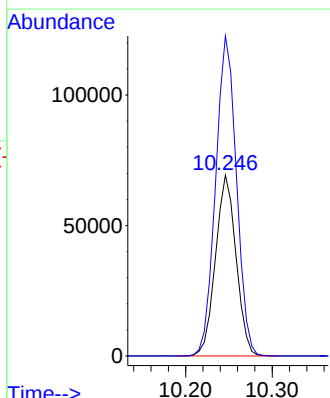
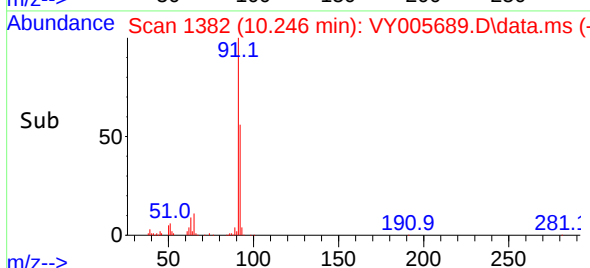
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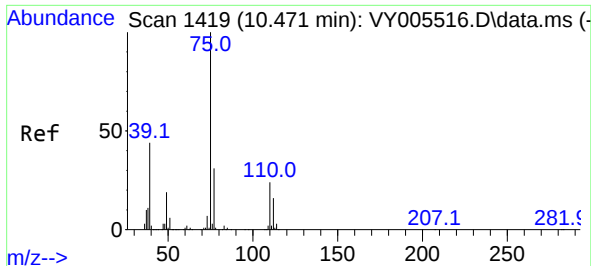


#52  
Toluene  
Concen: 22.661 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 92 Resp: 114162  
Ion Ratio Lower Upper  
92 100  
91 179.6 139.6 209.4





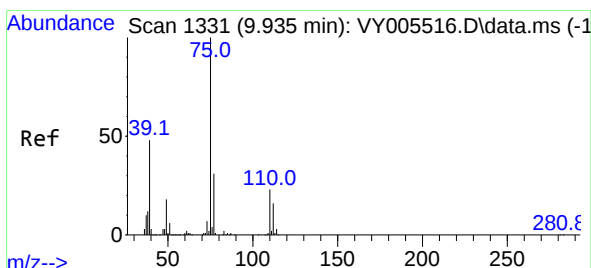
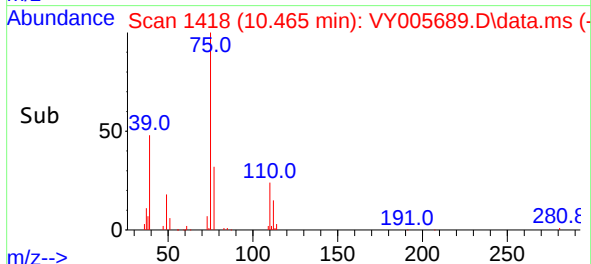
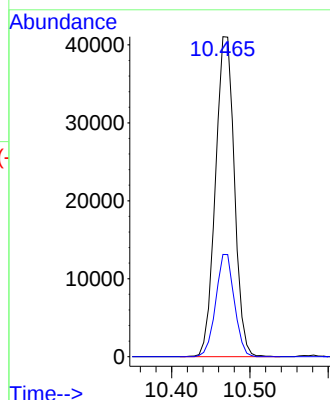
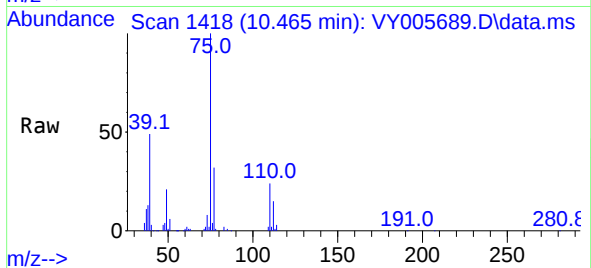
#53  
t-1,3-Dichloropropene  
Concen: 22.588 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 75 Resp: 69049  
Ion Ratio Lower Upper  
75 100  
77 32.0 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

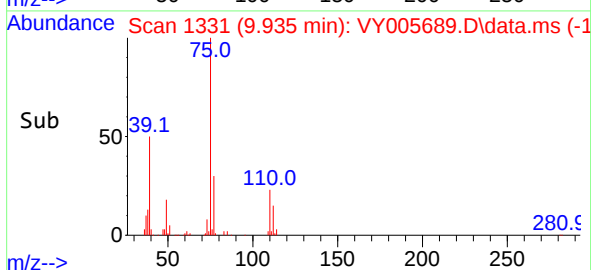
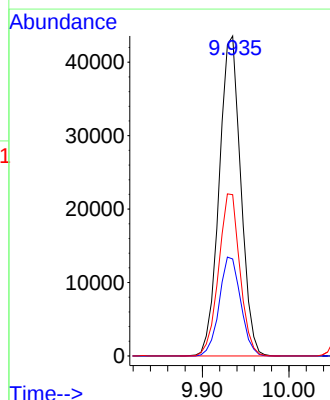
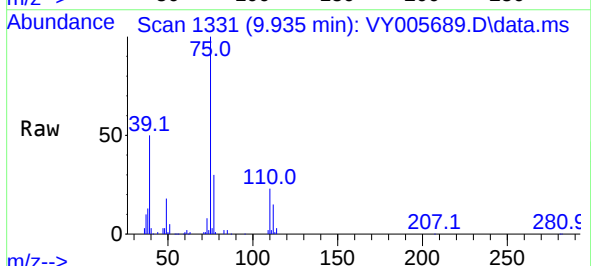
Manual Integrations  
APPROVED

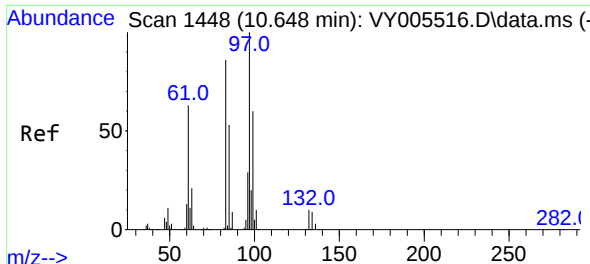
MMDadoda  
8/17/2021 7:23:44 PM



#54  
cis-1,3-Dichloropropene  
Concen: 22.675 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

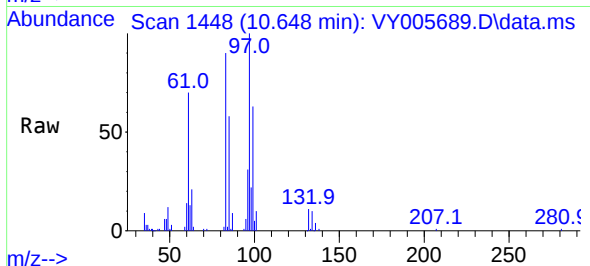
Tgt Ion: 75 Resp: 75224  
Ion Ratio Lower Upper  
75 100  
77 30.3 24.6 36.8  
39 50.4 38.1 57.1





#55  
1,1,2-Trichloroethane  
Concen: 22.915 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

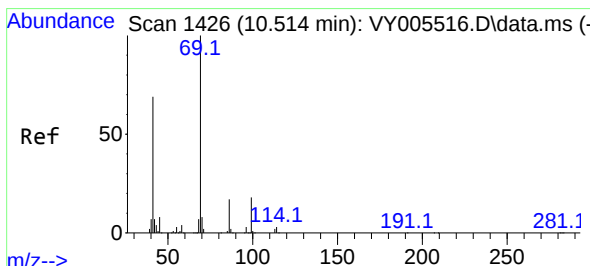
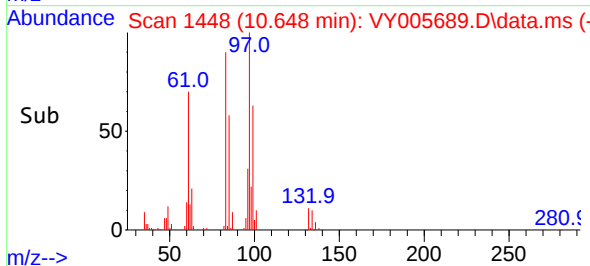
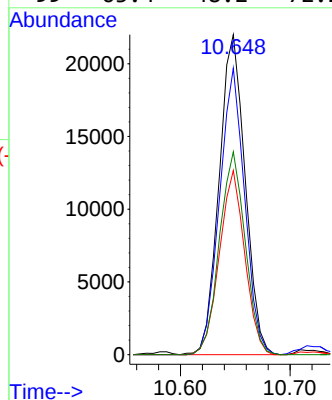


Tgt Ion: 97 Resp: 36236

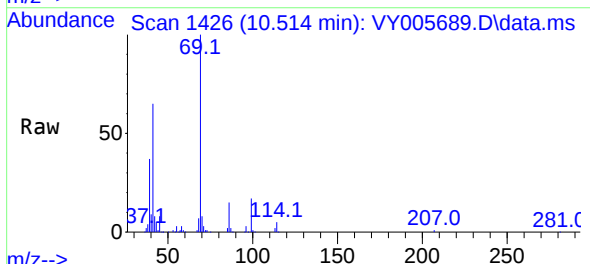
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.6  | 68.7  | 103.1 |
| 85  | 57.5  | 42.4  | 63.6  |
| 99  | 63.4  | 48.2  | 72.2  |

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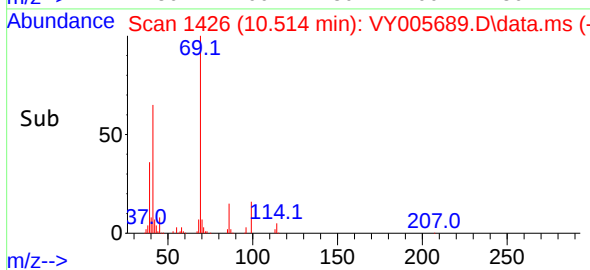
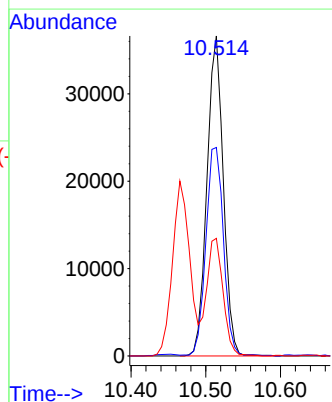


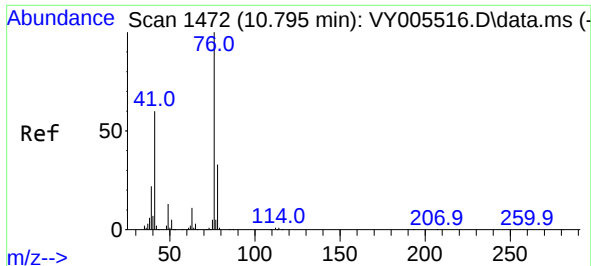
#56  
Ethyl methacrylate  
Concen: 23.477 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 69 Resp: 55590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.4  | 53.9  | 80.9  |
| 39  | 37.3  | 27.0  | 40.4  |





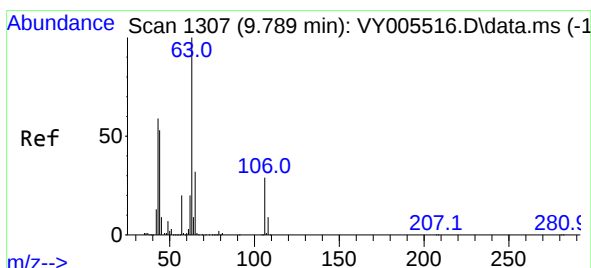
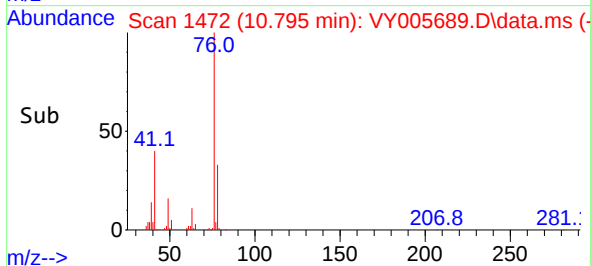
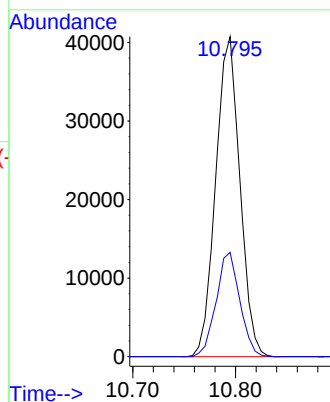
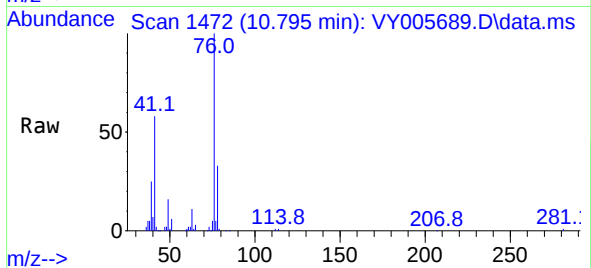
#57  
1,3-Dichloropropane  
Concen: 23.833 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 76 Resp: 66459  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.7 38.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

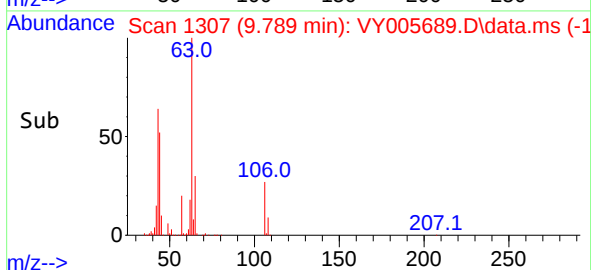
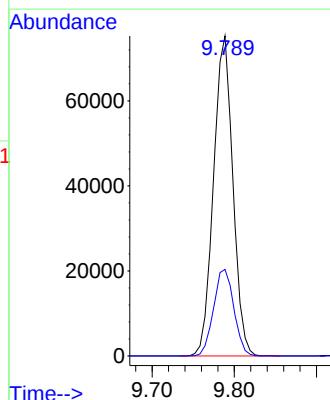
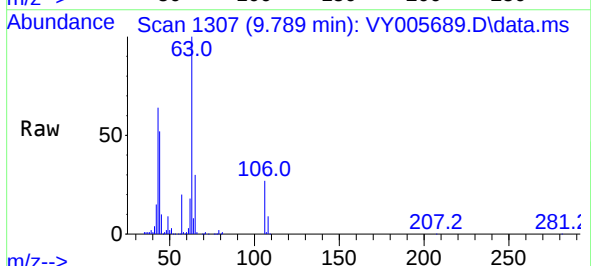
Manual Integrations  
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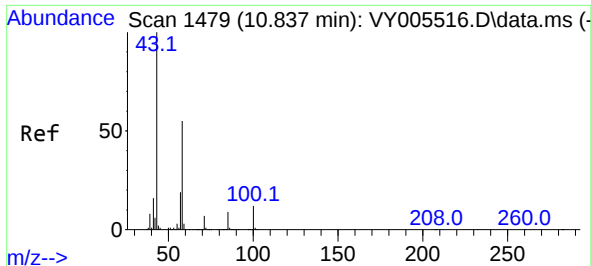
MMDadoda  
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#58  
2-Chloroethyl Vinyl ether  
Concen: 108.510 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 63 Resp: 122768  
Ion Ratio Lower Upper  
63 100  
106 28.4 23.1 34.7





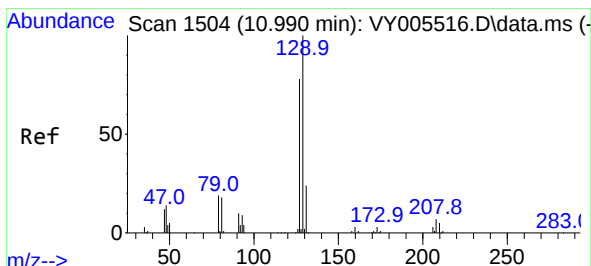
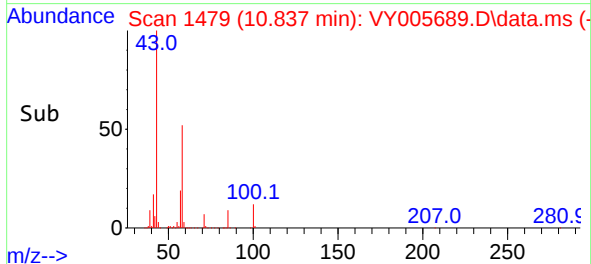
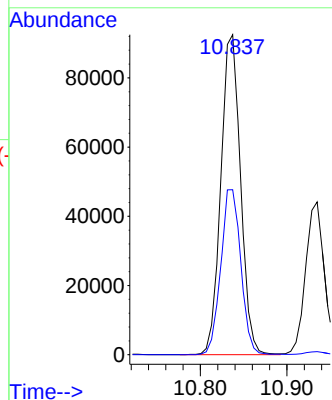
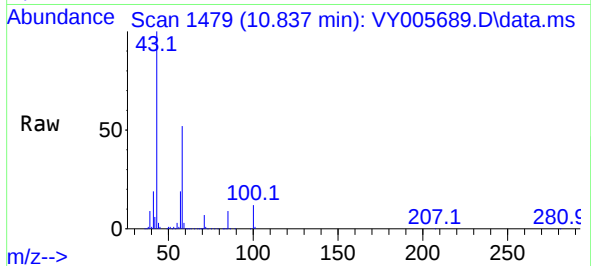
#59  
2-Hexanone  
Concen: 124.031 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 43 Resp: 146091  
Ion Ratio Lower Upper  
43 100  
58 52.5 27.1 81.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

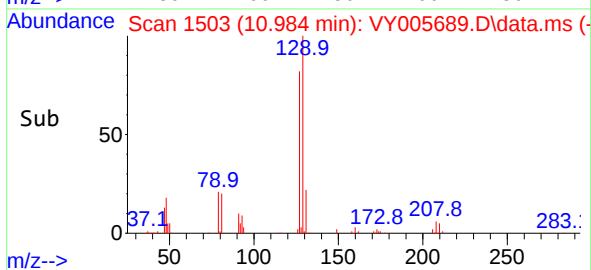
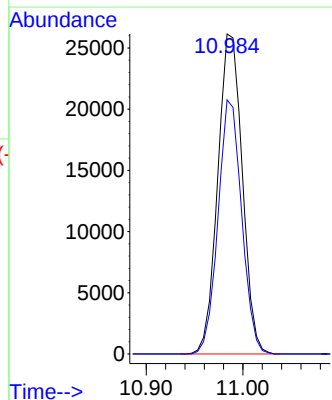
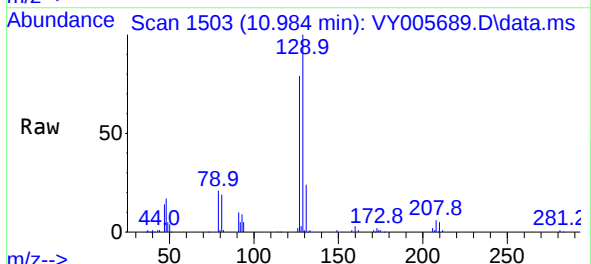
Manual Integrations  
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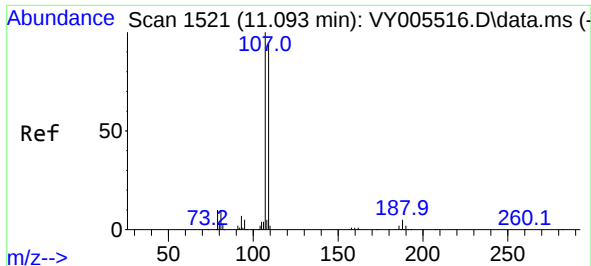
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 23.529 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

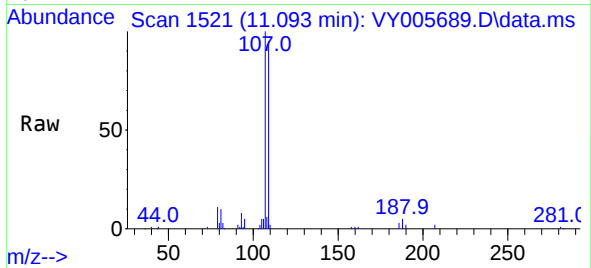
Tgt Ion: 129 Resp: 46046  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.6 115.7





#61  
1,2-Dibromoethane  
Concen: 23.052 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

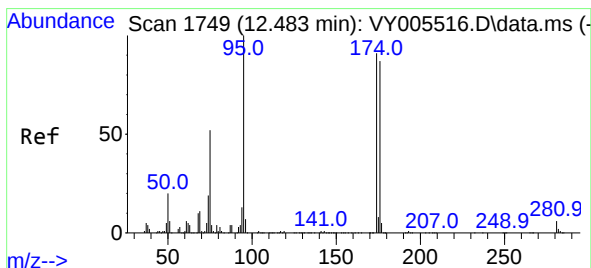
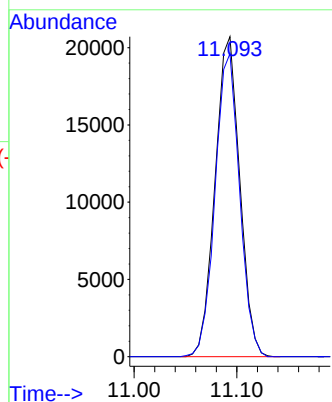
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



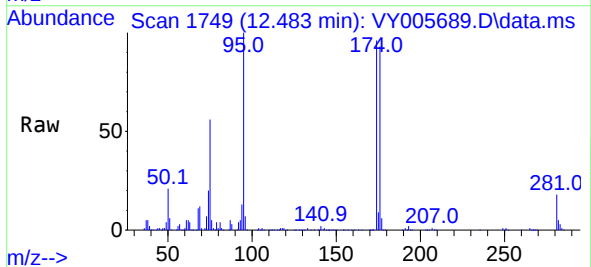
Tgt Ion:107 Resp: 34531  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.7 112.1

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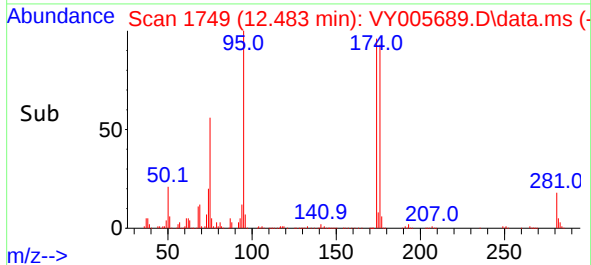
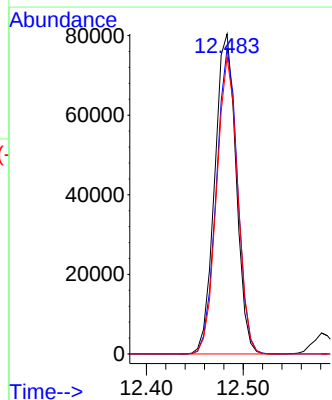
MMDadoda  
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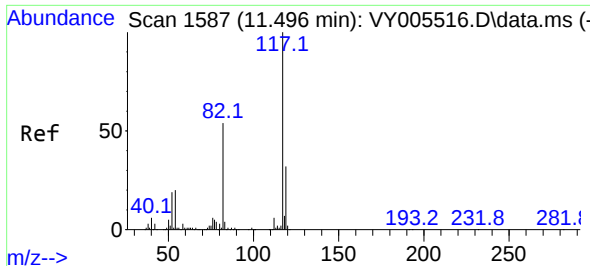


#62  
4-Bromofluorobenzene  
Concen: 54.008 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



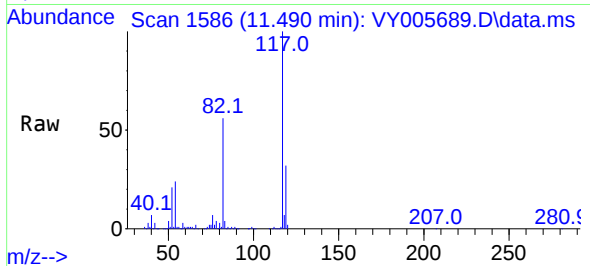
Tgt Ion: 95 Resp: 123530  
Ion Ratio Lower Upper  
95 100  
174 94.3 0.0 191.4  
176 91.3 0.0 183.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

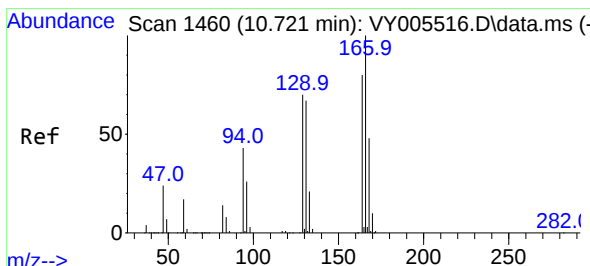
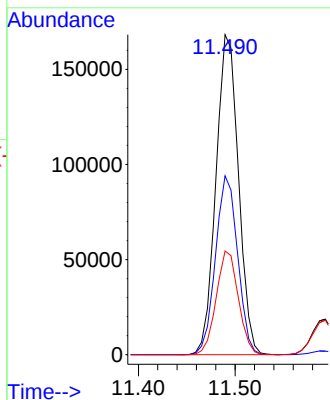
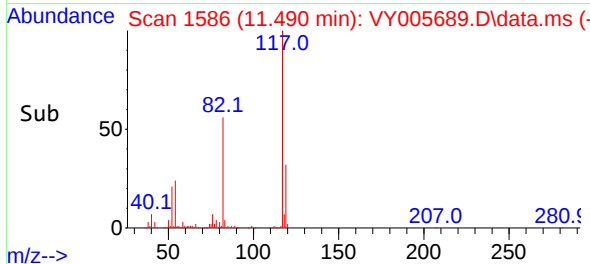
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02



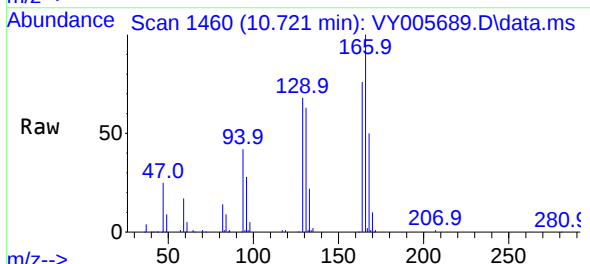
Tgt Ion:117 Resp: 271653  
Ion Ratio Lower Upper  
117 100  
82 55.9 43.5 65.3  
119 32.4 25.5 38.3

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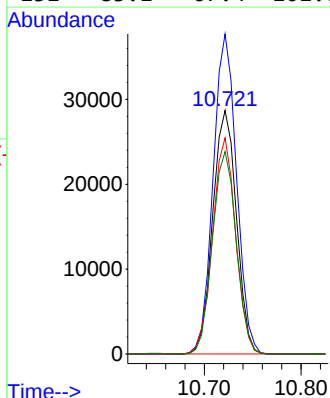
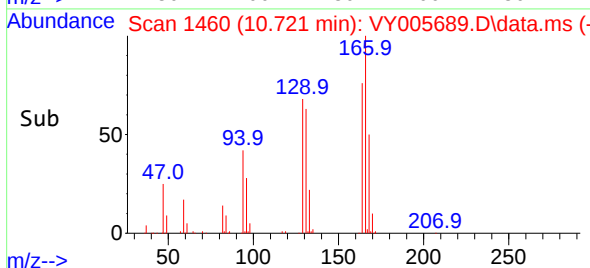
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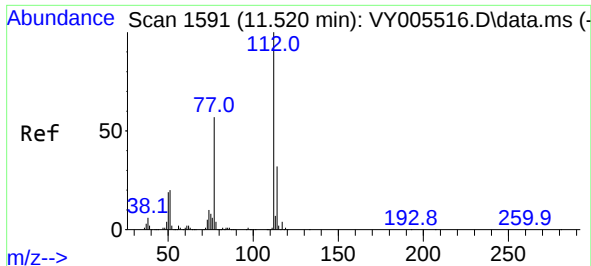


#64  
Tetrachloroethene  
Concen: 23.571 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion:164 Resp: 48739  
Ion Ratio Lower Upper  
164 100  
166 131.4 99.8 149.8  
129 88.8 70.1 105.1  
131 83.1 67.4 101.0





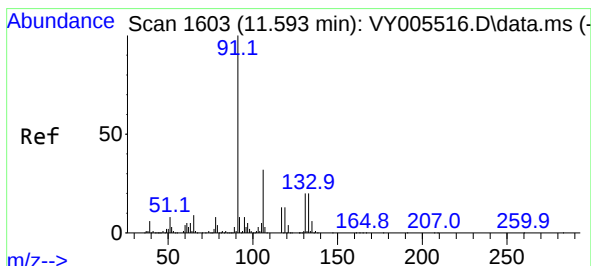
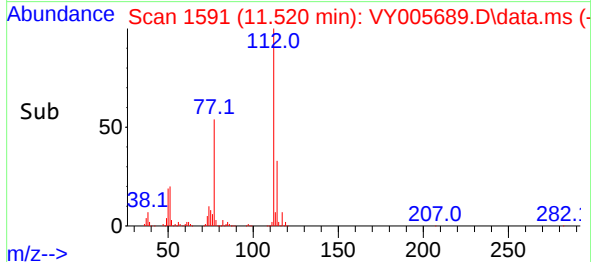
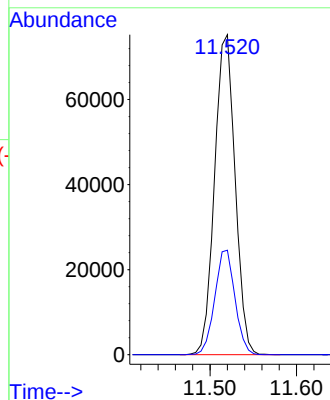
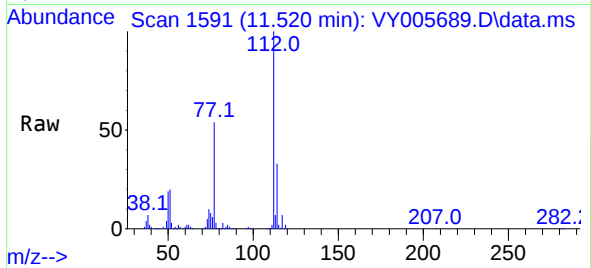
#65  
Chlorobenzene  
Concen: 22.662 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:112 Resp: 123881  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.2 37.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

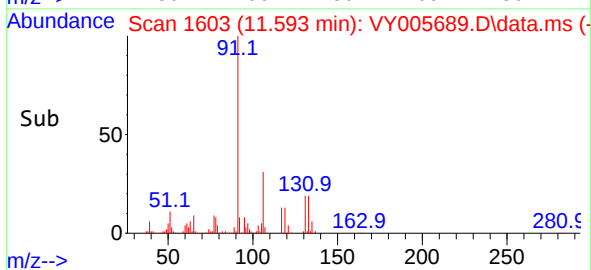
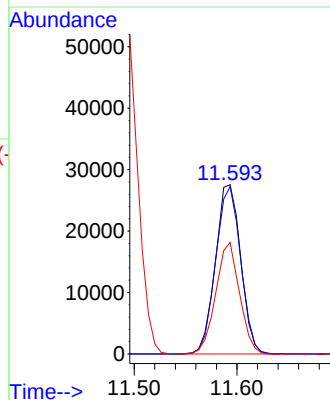
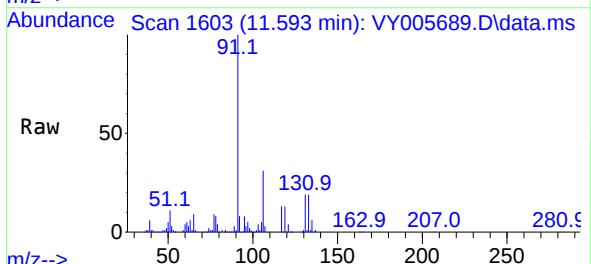
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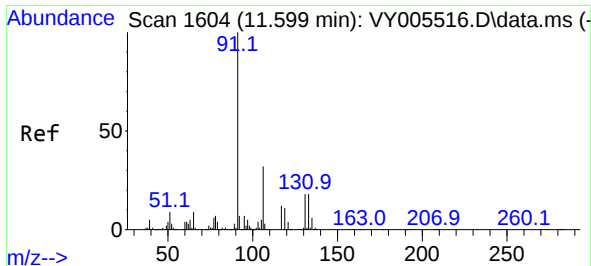
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.817 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:131 Resp: 46946  
Ion Ratio Lower Upper  
131 100  
133 97.8 48.2 144.6  
119 62.1 31.4 94.0





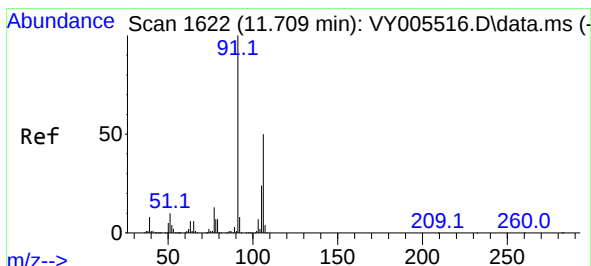
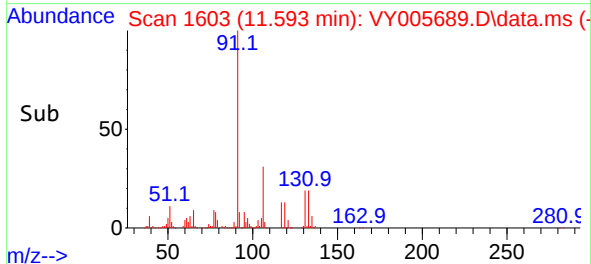
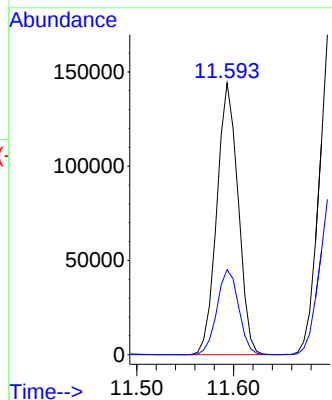
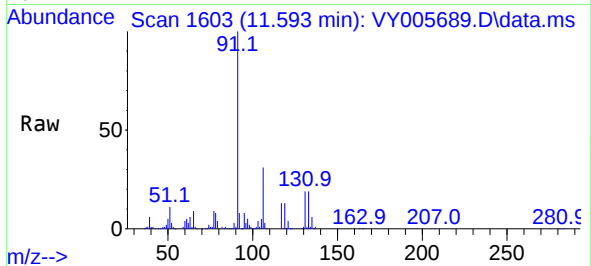
#67  
Ethyl Benzene  
Concen: 22.175 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 91 Resp: 219815  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.8 38.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

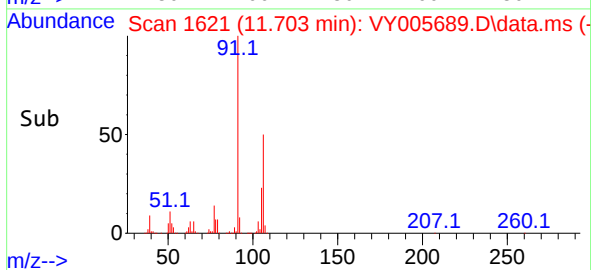
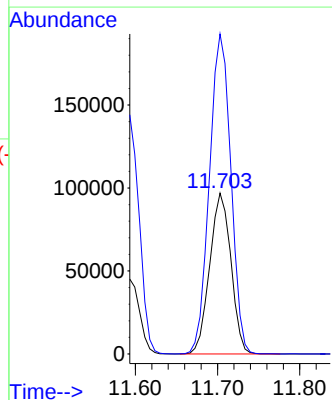
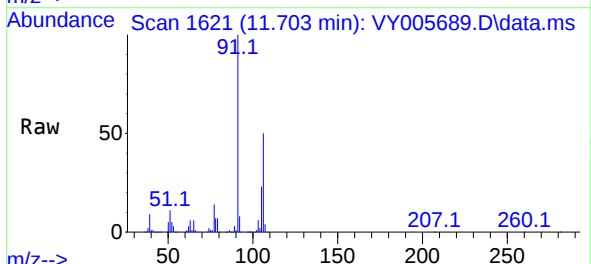
Manual Integrations  
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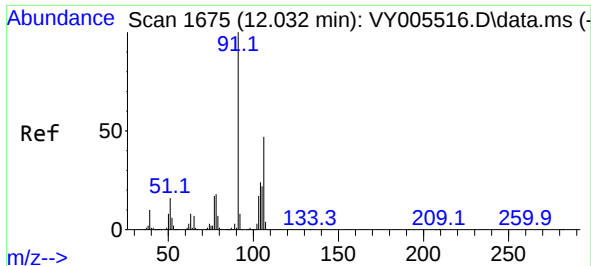
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8/17/2021 7:23:44 PM



#68  
m/p-Xylenes  
Concen: 45.135 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:106 Resp: 173774  
Ion Ratio Lower Upper  
106 100  
91 201.1 159.6 239.4





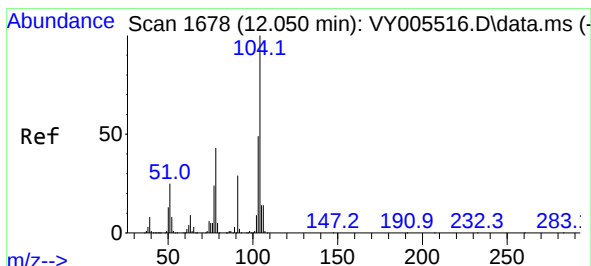
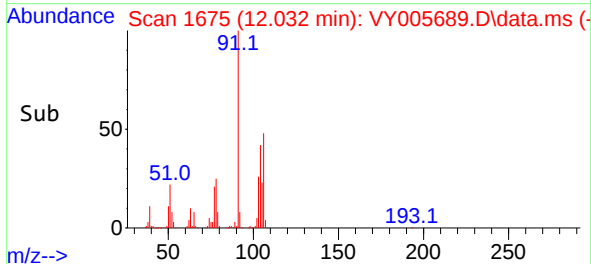
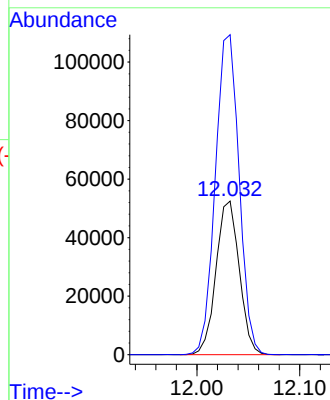
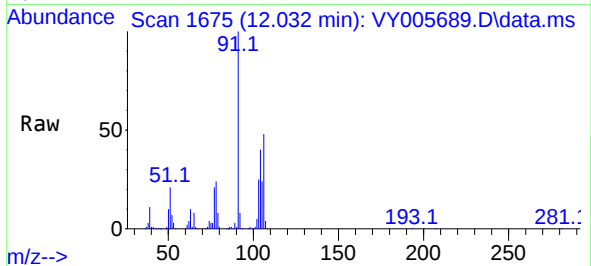
#69  
o-Xylene  
Concen: 22.260 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:106 Resp: 82374  
Ion Ratio Lower Upper  
106 100  
91 213.2 106.2 318.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

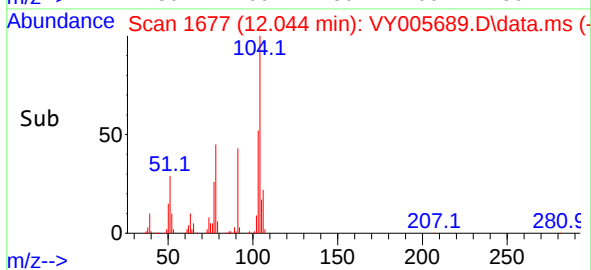
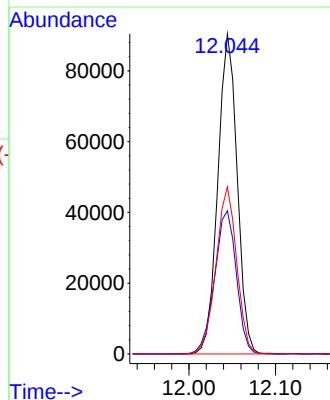
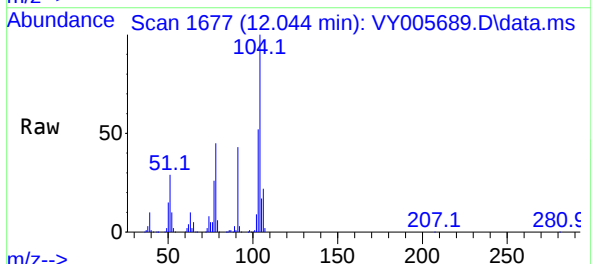
Manual Integrations  
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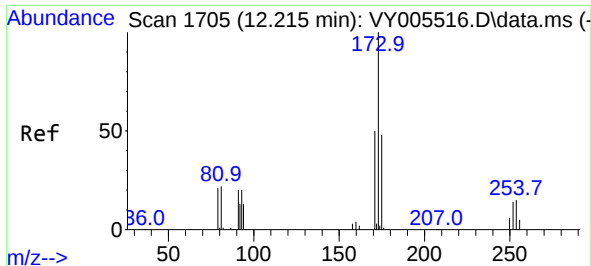
MMDadoda  
8/17/2021 7:23:44 PM



#70  
Styrene  
Concen: 22.523 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:104 Resp: 140291  
Ion Ratio Lower Upper  
104 100  
78 50.3 40.2 60.4  
103 55.9 43.8 65.8





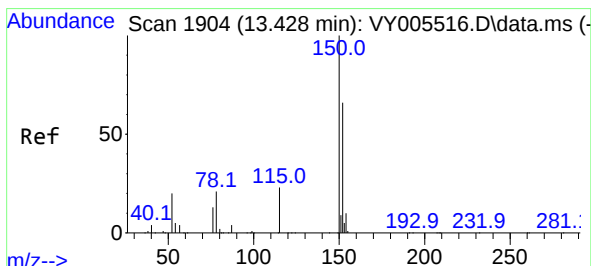
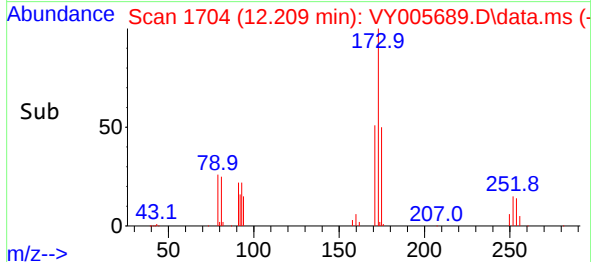
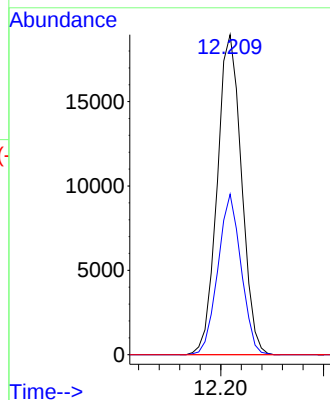
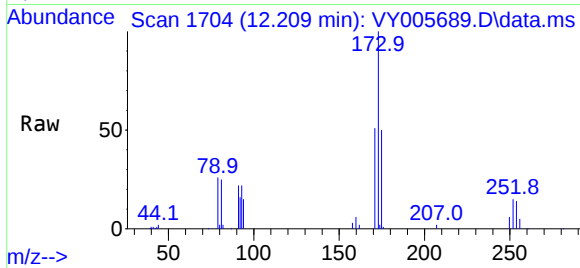
#71  
Bromoform  
Concen: 23.290 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:173 Resp: 31075  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.3 72.9  
254 0.0 0.2 0.2#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

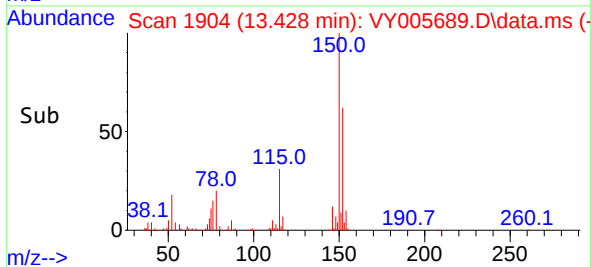
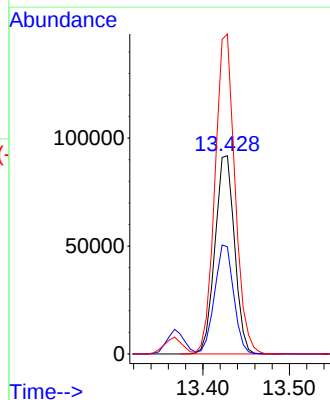
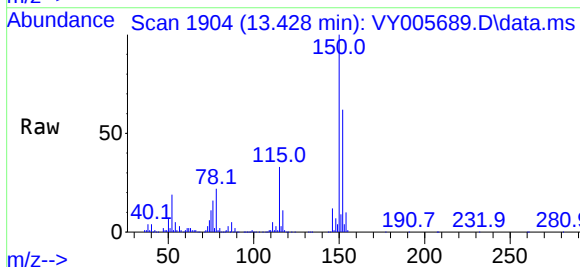
Manual Integrations  
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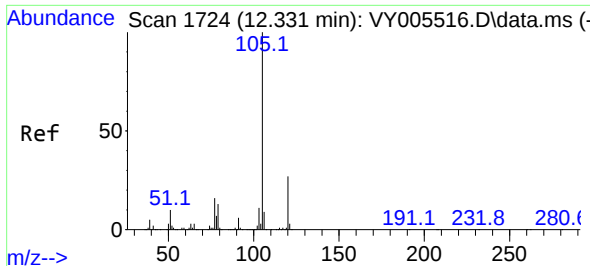
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:152 Resp: 144253  
Ion Ratio Lower Upper  
152 100  
115 53.9 27.3 81.9  
150 164.8 0.0 350.2





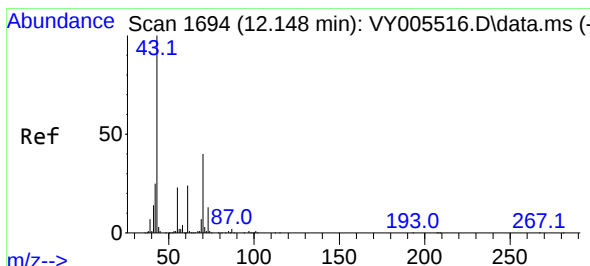
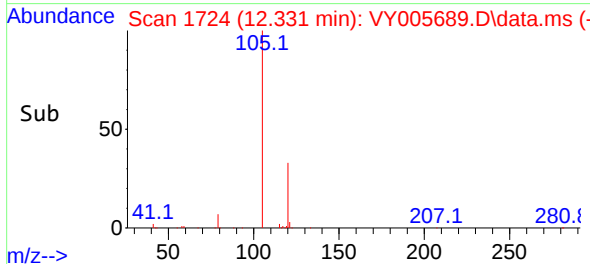
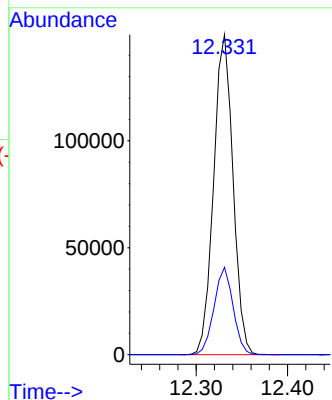
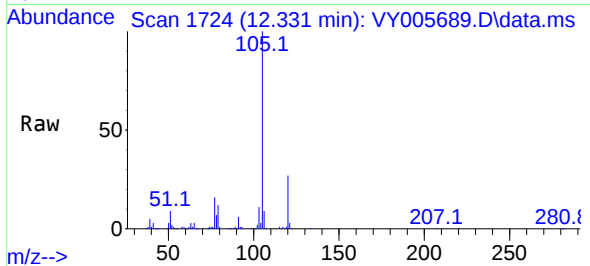
#73  
Isopropylbenzene  
Concen: 21.870 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 105 Resp: 220217  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.7 41.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

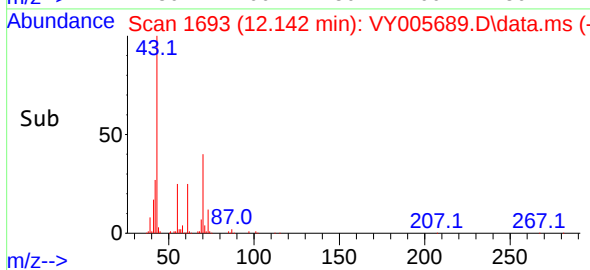
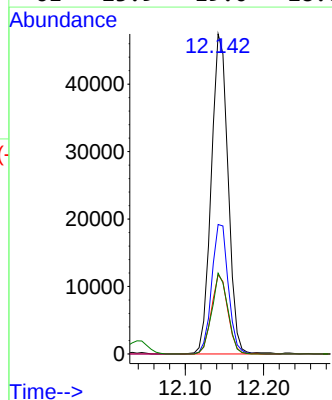
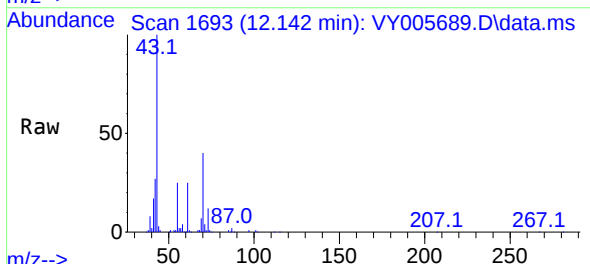
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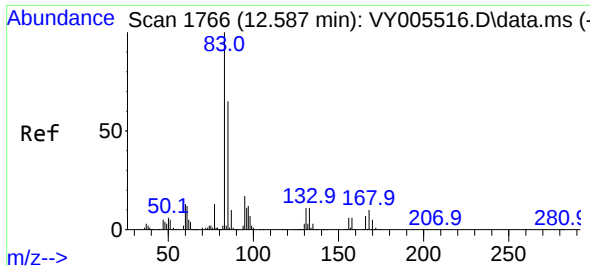
MMDadoda  
8/17/2021 7:23:44 PM



#74  
N-ethyl acetate  
Concen: 23.235 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

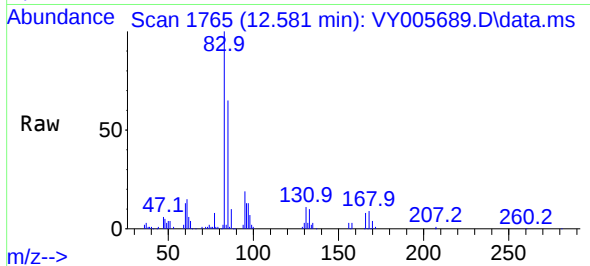
Tgt Ion: 43 Resp: 70428  
Ion Ratio Lower Upper  
43 100  
70 40.0 32.9 49.3  
55 24.1 18.9 28.3  
61 23.9 19.0 28.6





#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.740 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

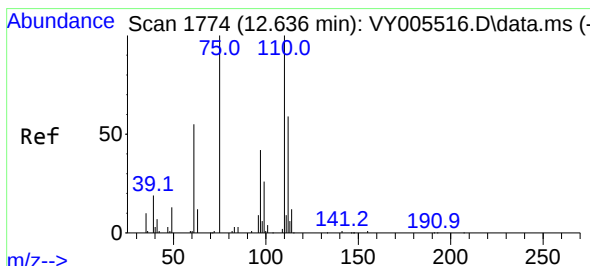
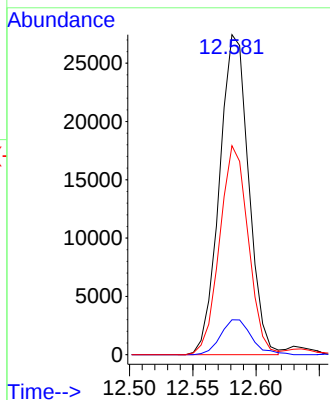
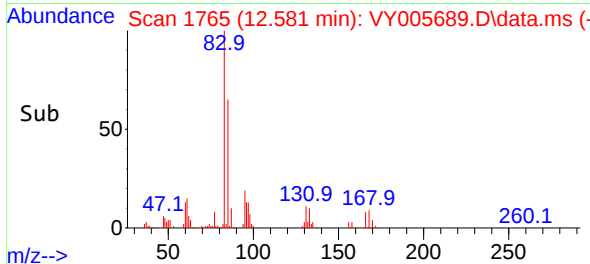
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02



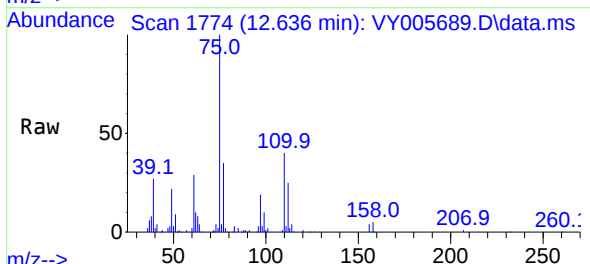
Tgt Ion: 83 Resp: 44040  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.6 16.8  
85 64.0 32.0 96.2

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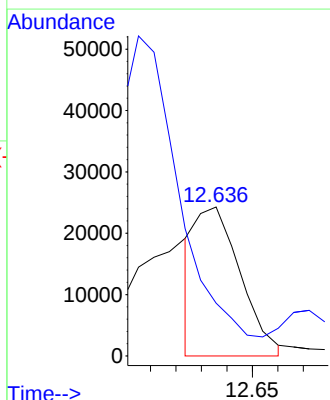
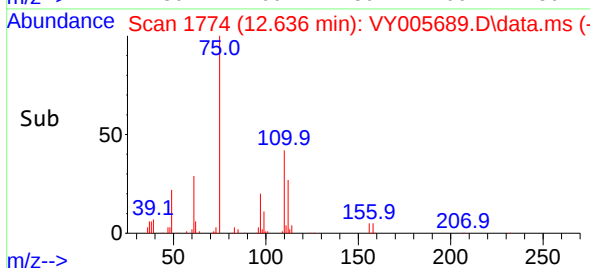
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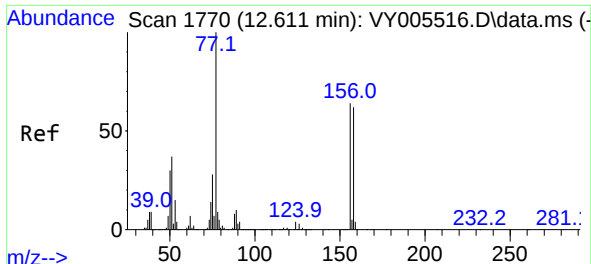


#76  
1,2,3-Trichloropropane  
Concen: 19.898 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion: 75 Resp: 29745  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





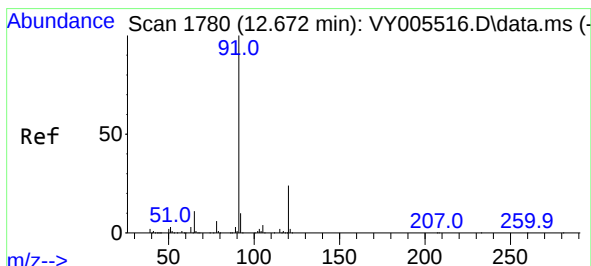
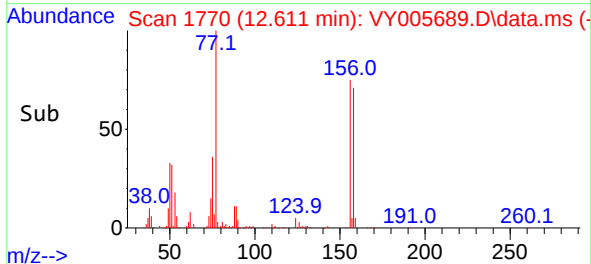
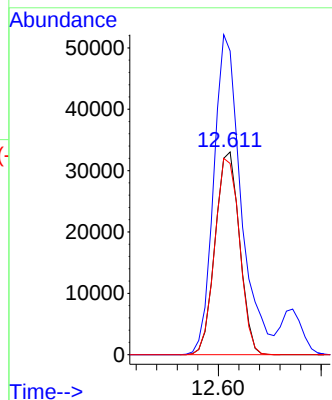
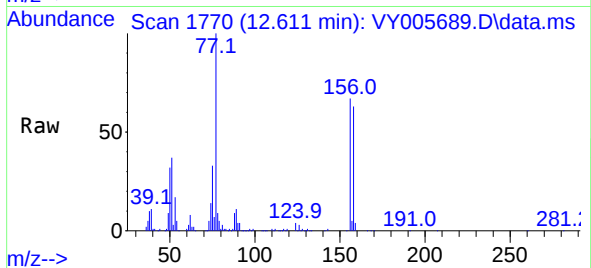
#77  
Bromobenzene  
Concen: 21.984 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 156 Resp: 54386  
Ion Ratio Lower Upper  
156 100  
77 177.4 85.5 256.5  
158 98.4 48.5 145.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

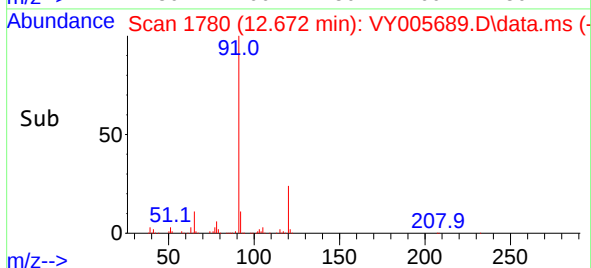
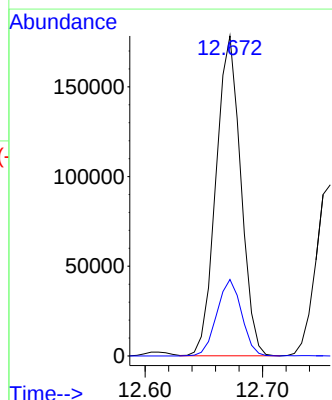
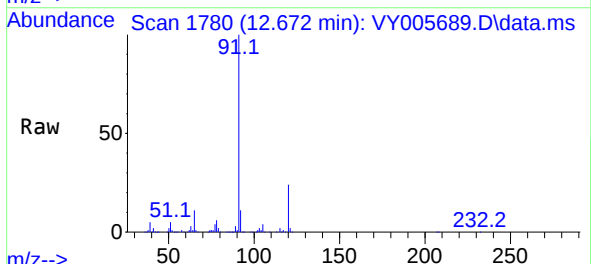
Manual Integrations  
APPROVED

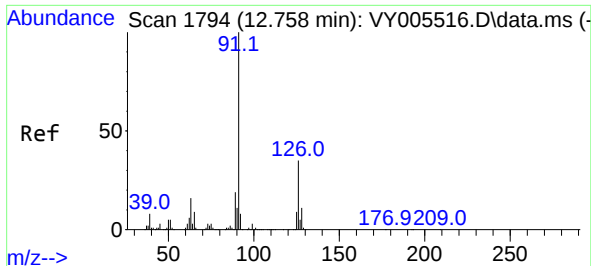
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#78  
n-propylbenzene  
Concen: 21.839 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 91 Resp: 261179  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.9 35.9





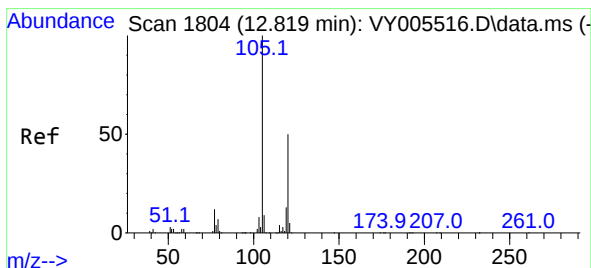
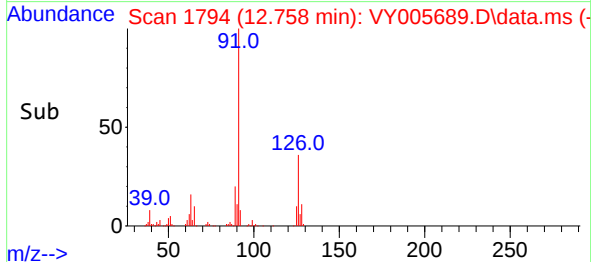
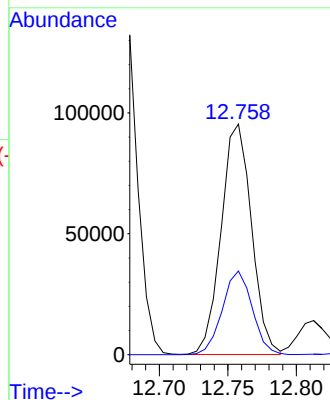
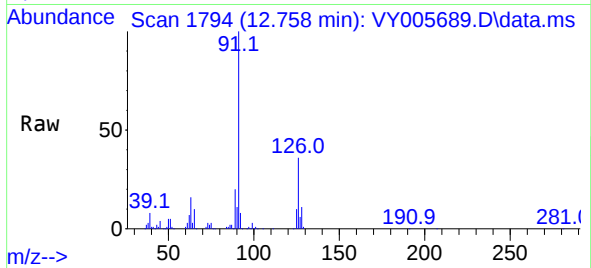
#79  
2-Chlorotoluene  
Concen: 21.919 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 91 Resp: 147198  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

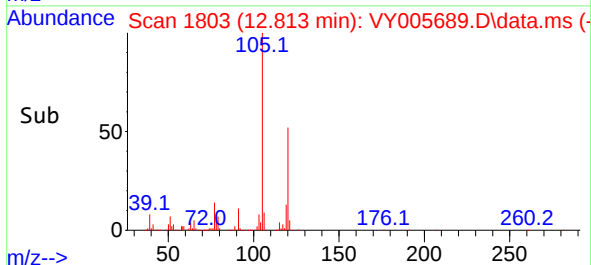
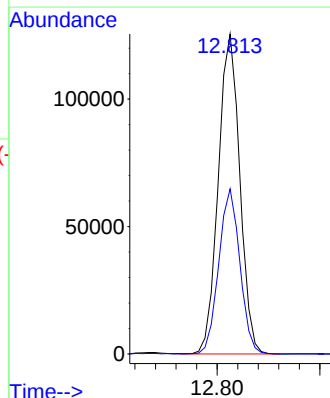
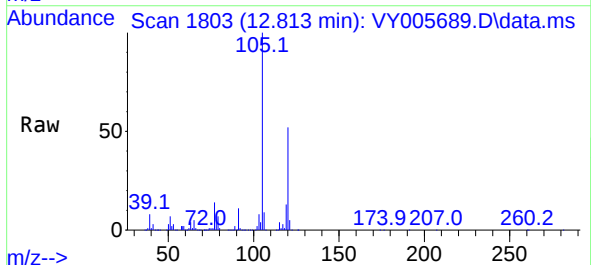
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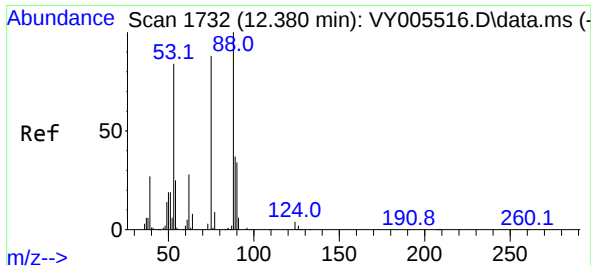
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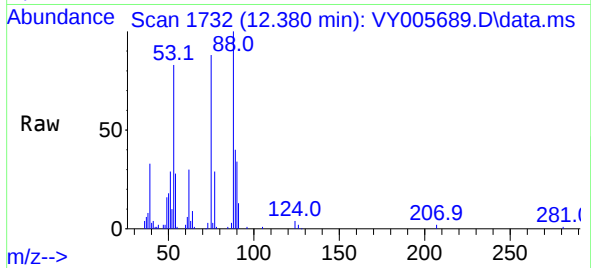
#80  
1,3,5-Trimethylbenzene  
Concen: 21.817 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 105 Resp: 182315  
Ion Ratio Lower Upper  
105 100  
120 50.6 25.0 75.0

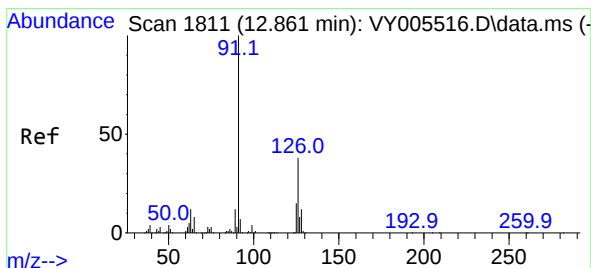
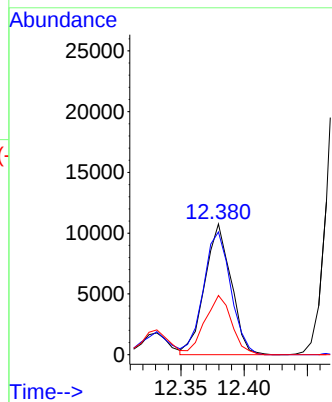
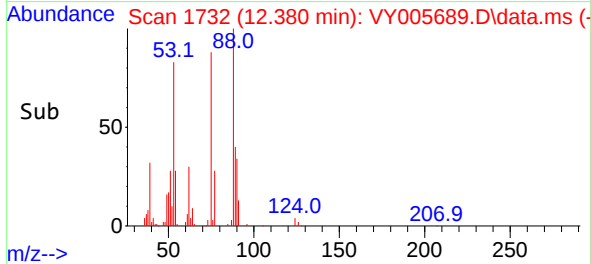




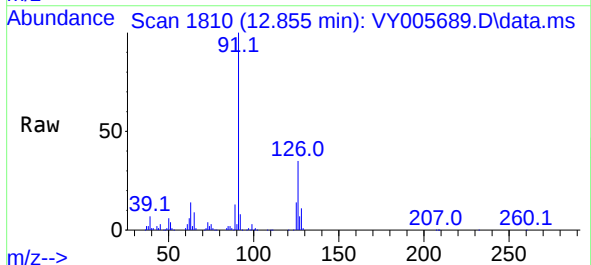
#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.065 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



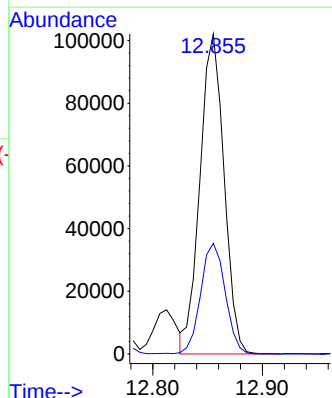
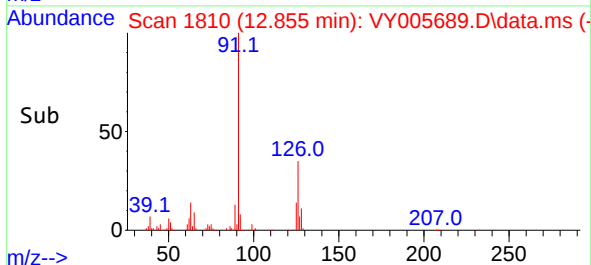
Tgt Ion: 75 Resp: 15621  
Ion Ratio Lower Upper  
75 100  
53 97.7 76.7 115.1  
89 45.4 38.4 57.6



#82  
4-Chlorotoluene  
Concen: 22.455 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



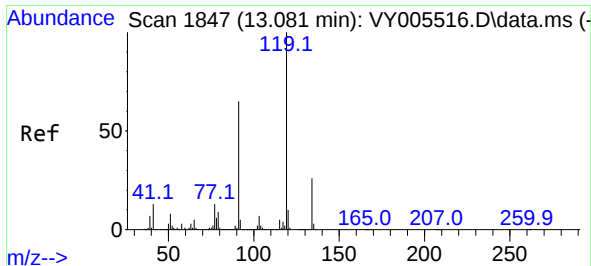
Tgt Ion: 91 Resp: 156027  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.5 52.5



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

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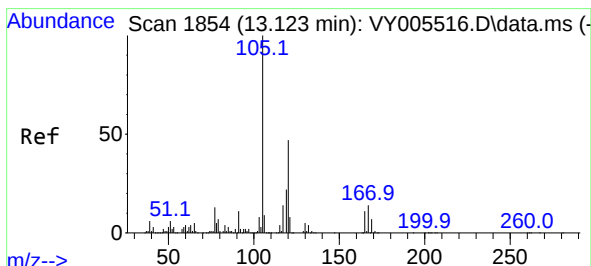
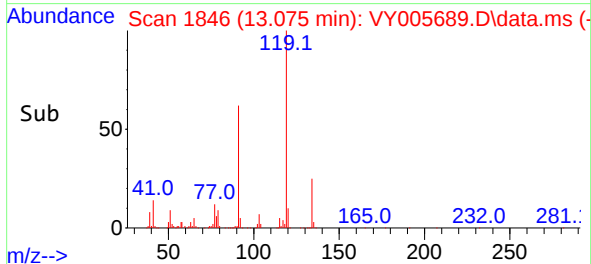
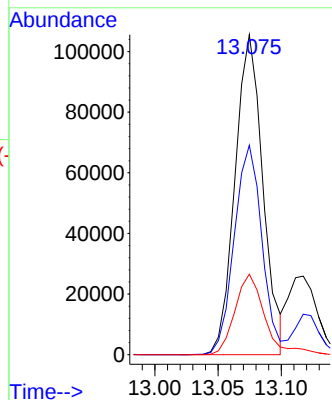
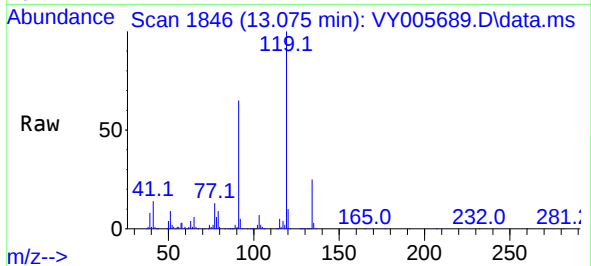
#83  
tert-Butylbenzene  
Concen: 21.634 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:119 Resp: 162219  
Ion Ratio Lower Upper  
119 100  
91 64.8 31.9 95.9  
134 26.9 13.4 40.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

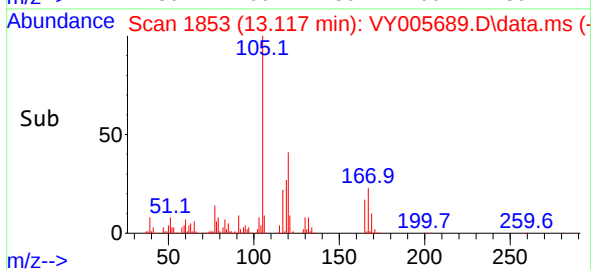
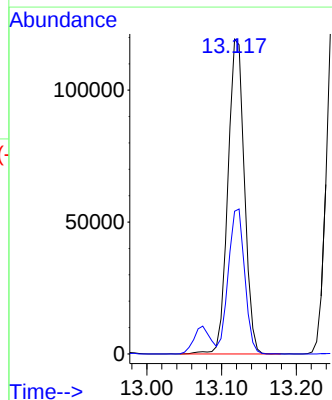
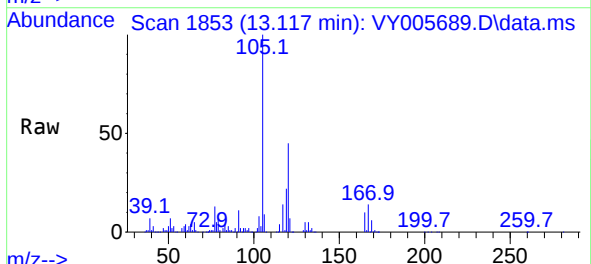
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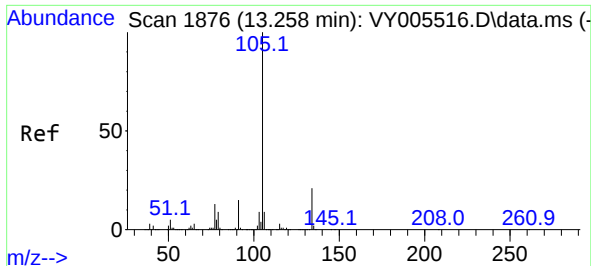
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#84  
1,2,4-Trimethylbenzene  
Concen: 22.209 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:105 Resp: 183122  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.9 68.5





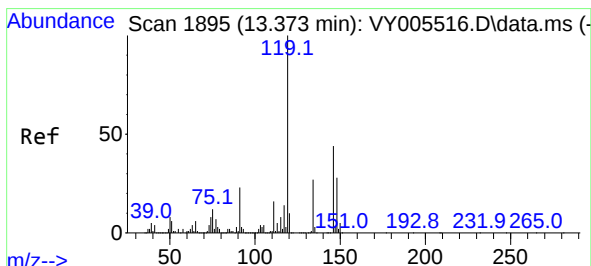
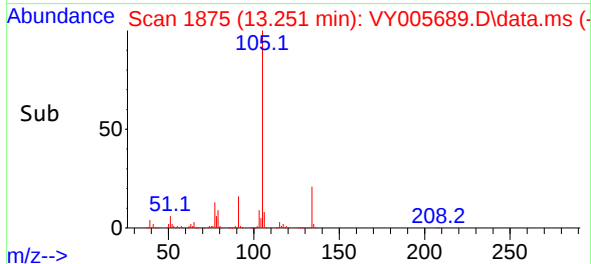
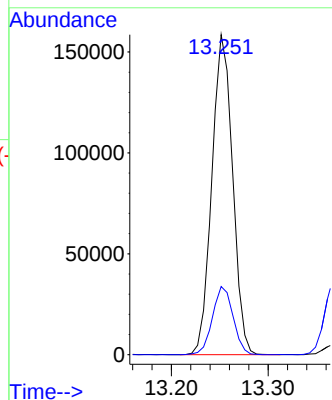
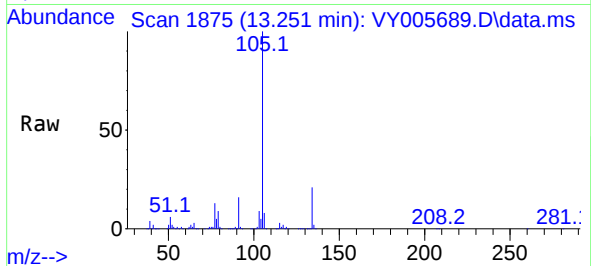
#85  
 sec-Butylbenzene  
 Concen: 21.856 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY005689.D  
 Acq: 17 Aug 2021 00:02

Tgt Ion:105 Resp: 236382  
 Ion Ratio Lower Upper  
 105 100  
 134 21.1 10.5 31.5

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0816SBSD02

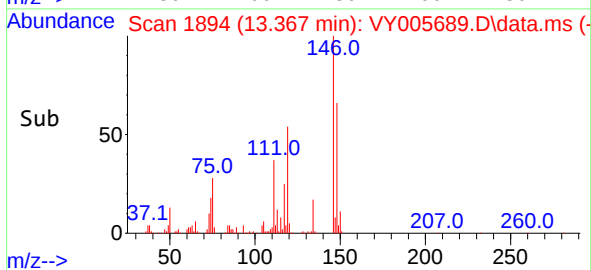
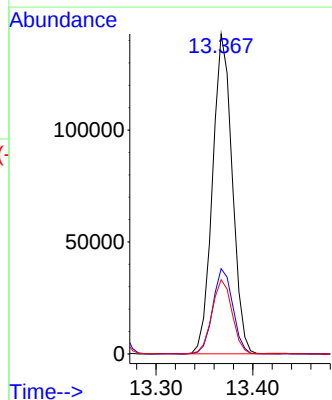
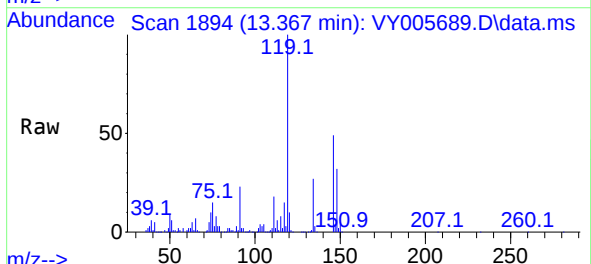
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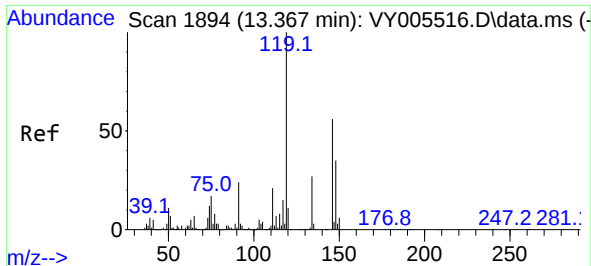
MMDadoda  
 8/17/2021 7:23:44 PM



#86  
 p-Isopropyltoluene  
 Concen: 21.739 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY005689.D  
 Acq: 17 Aug 2021 00:02

Tgt Ion:119 Resp: 201864  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.6 40.7  
 91 23.7 11.6 34.7





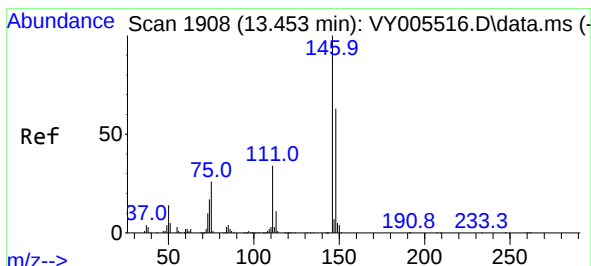
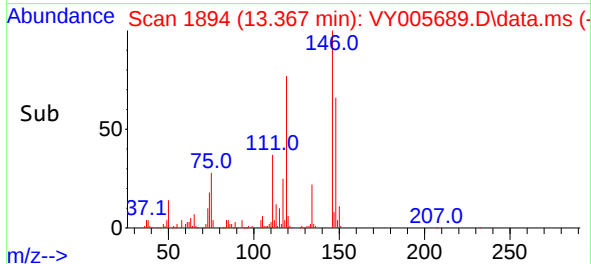
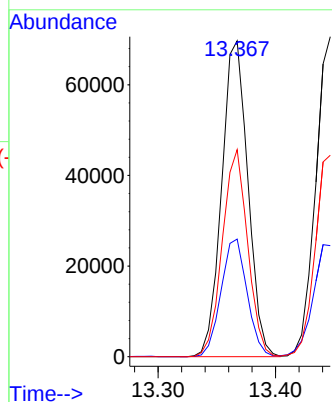
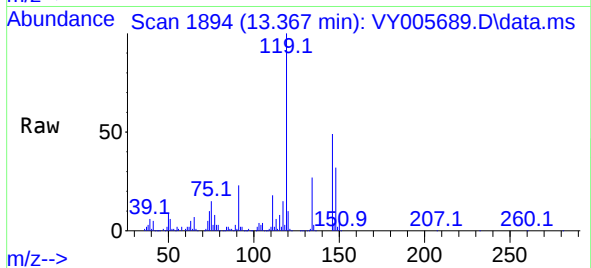
#87  
1,3-Dichlorobenzene  
Concen: 22.323 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:146 Resp: 107758  
Ion Ratio Lower Upper  
146 100  
111 37.2 18.6 56.0  
148 63.4 31.7 95.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

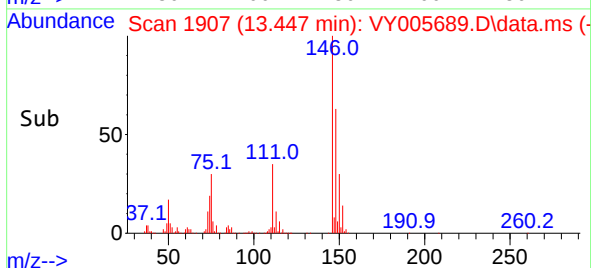
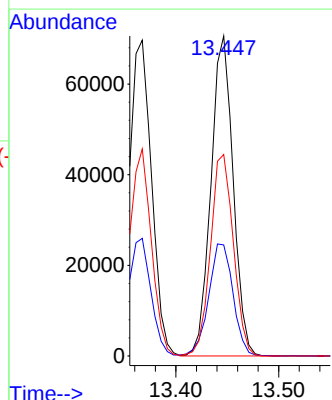
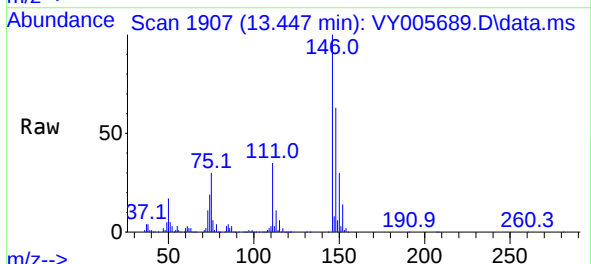
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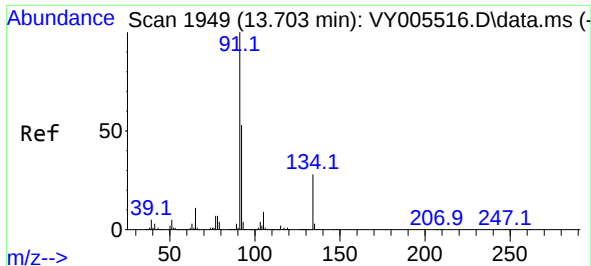
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#88  
1,4-Dichlorobenzene  
Concen: 22.132 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:146 Resp: 105983  
Ion Ratio Lower Upper  
146 100  
111 38.5 18.1 54.3  
148 65.0 31.8 95.3





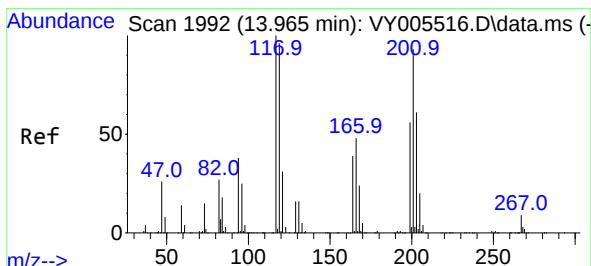
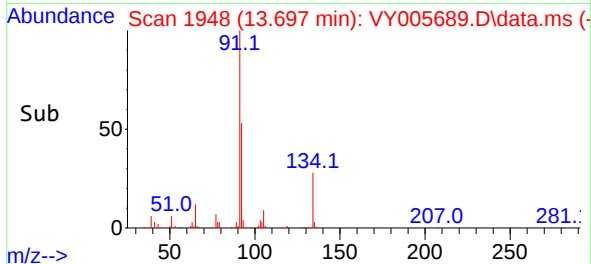
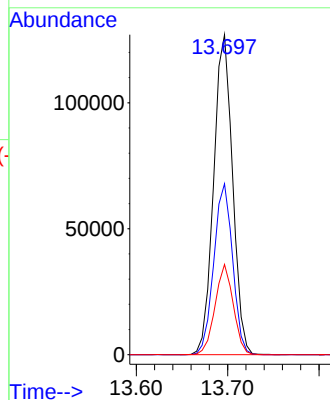
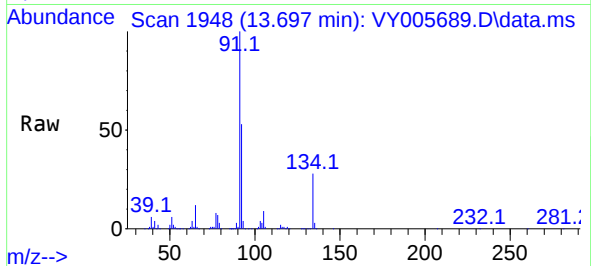
#89  
n-Butylbenzene  
Concen: 21.729 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 91 Resp: 182793  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.7 80.1  
134 27.2 13.8 41.4

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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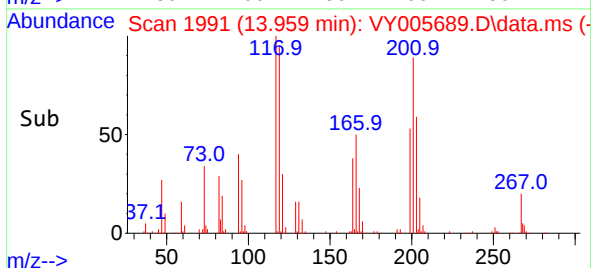
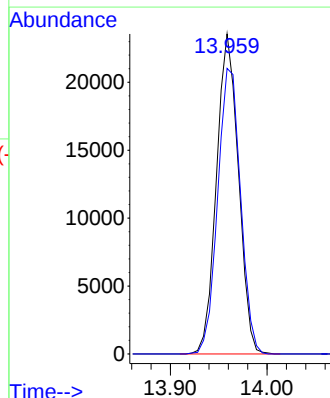
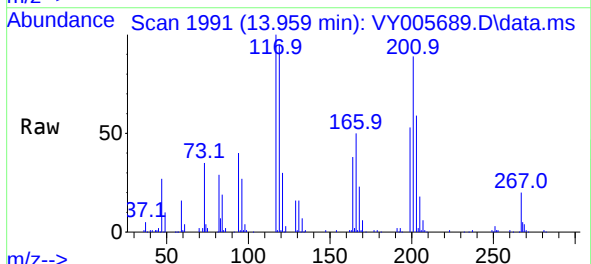
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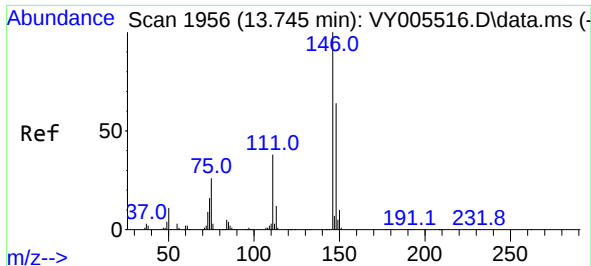
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#90  
Hexachloroethane  
Concen: 22.200 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 117 Resp: 37062  
Ion Ratio Lower Upper  
117 100  
201 92.9 46.7 140.1





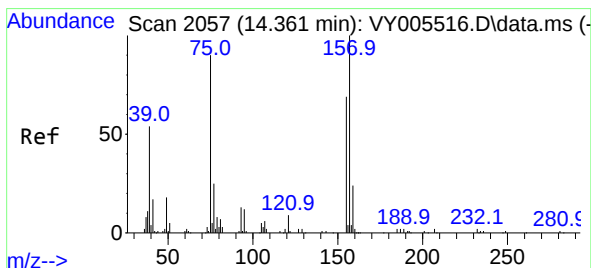
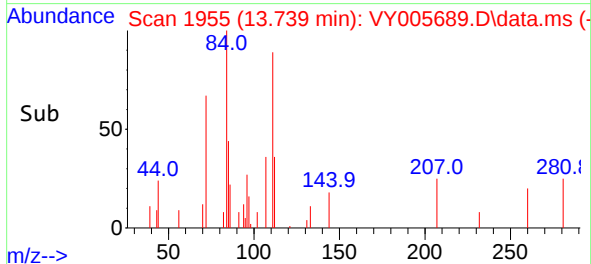
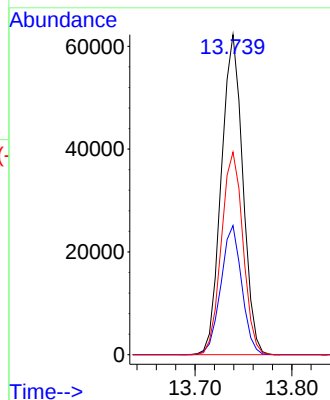
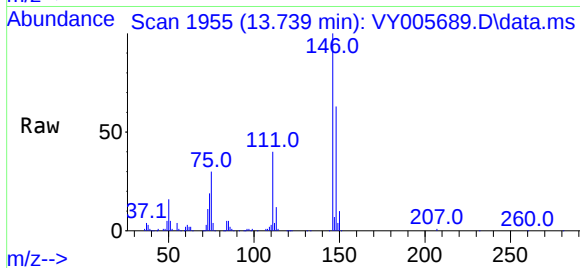
#91  
1,2-Dichlorobenzene  
Concen: 22.468 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion: 146 Resp: 95800  
Ion Ratio Lower Upper  
146 100  
111 39.2 19.4 58.2  
148 63.7 31.9 95.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02

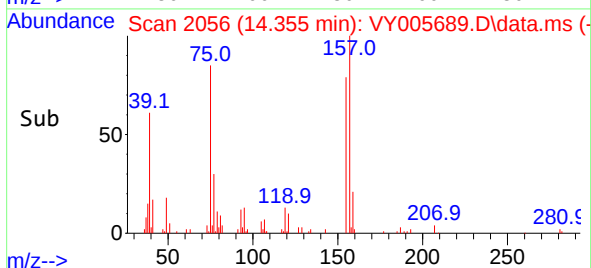
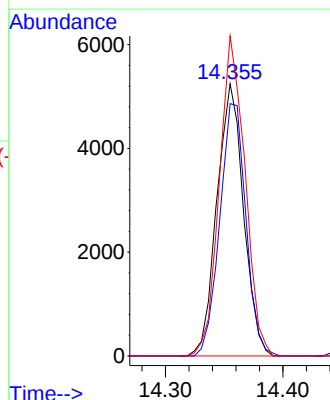
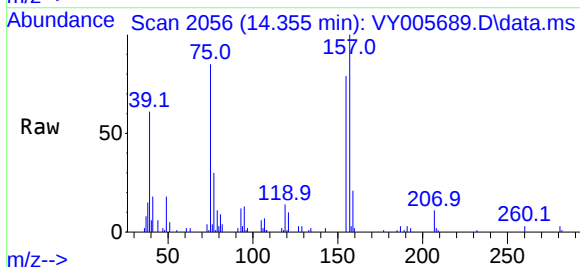
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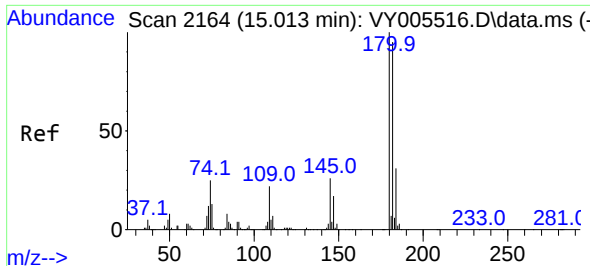
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.490 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

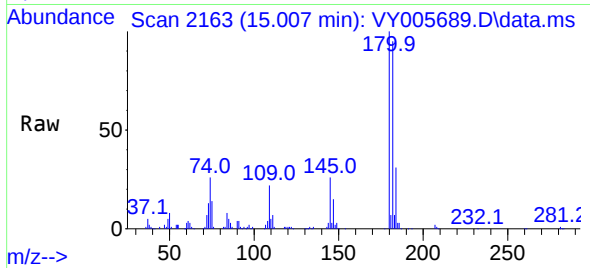
Tgt Ion: 75 Resp: 8257  
Ion Ratio Lower Upper  
75 100  
155 90.8 42.4 127.1  
157 113.1 56.0 168.2





#93  
1,2,4-Trichlorobenzene  
Concen: 22.537 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

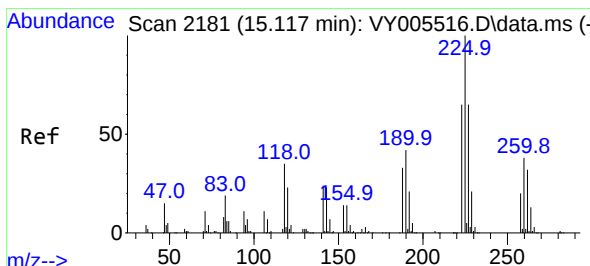
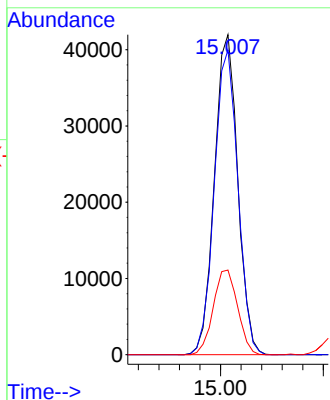
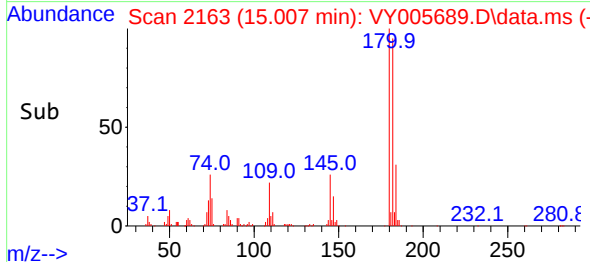
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBSD02



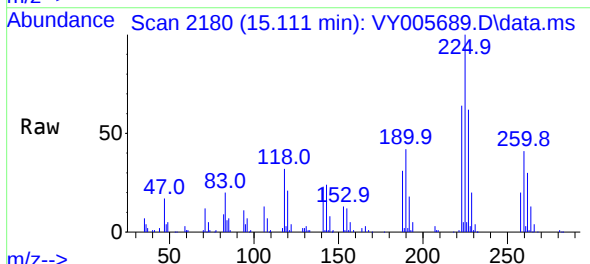
Tgt Ion:180 Resp: 66008  
Ion Ratio Lower Upper  
180 100  
182 96.4 47.8 143.4  
145 27.7 14.0 42.0

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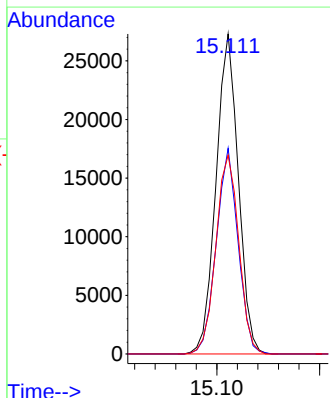
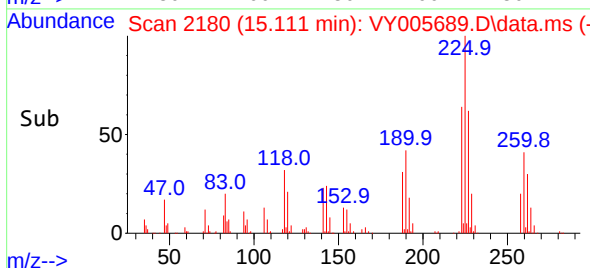
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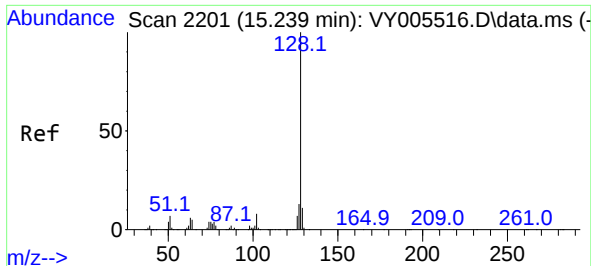


#94  
Hexachlorobutadiene  
Concen: 21.657 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02



Tgt Ion:225 Resp: 41071  
Ion Ratio Lower Upper  
225 100  
223 62.7 31.4 94.0  
227 63.9 32.2 96.6





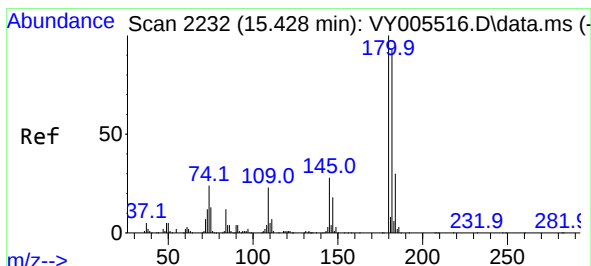
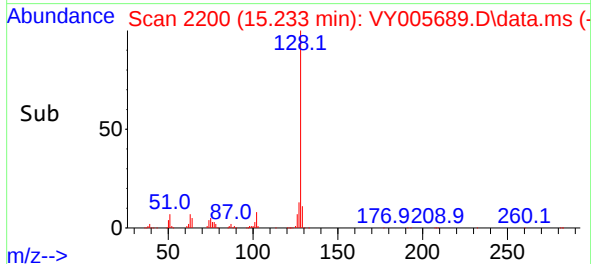
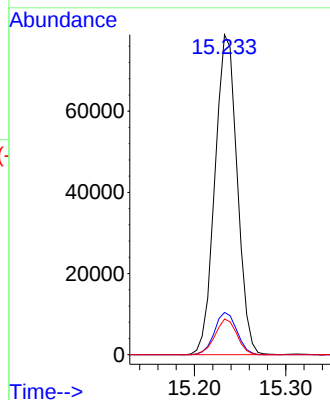
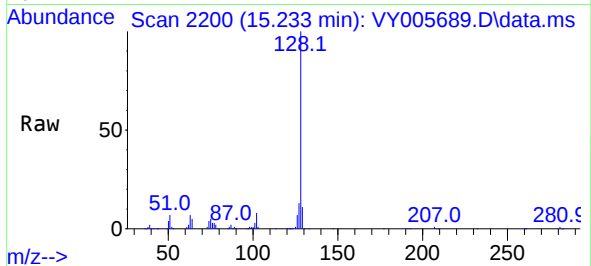
#95  
Naphthalene  
Concen: 23.126 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:128 Resp: 133523  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 11.0 8.7 13.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0816SBS02

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#96  
1,2,3-Trichlorobenzene  
Concen: 22.958 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY005689.D  
Acq: 17 Aug 2021 00:02

Tgt Ion:180 Resp: 59571  
Ion Ratio Lower Upper  
180 100  
182 93.4 47.9 143.6  
145 30.1 14.6 44.0

