

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022221\  
 Data File : VY004035.D  
 Acq On : 22 Feb 2021 14:36  
 Operator : SY/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY022221

Manual Integrations  
 APPROVED

MMDadoda  
 2/23/2021 1:06:43 PM

Quant Time: Feb 23 03:43:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 23 03:42:58 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.795          | 168  | 81628              | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691          | 114  | 124489             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489         | 117  | 114182             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422         | 152  | 58988              | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.142          | 65   | 46883              | 51.47  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 102.94% |        |        |          |
| 35) Dibromofluoromethane     | 7.722          | 113  | 38349              | 51.10  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 102.20% |        |        |          |
| 50) Toluene-d8               | 10.179         | 98   | 152721             | 50.75  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 101.50% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.477         | 95   | 54562              | 51.32  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 102.64% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 33438              | 43.16  | ug/l   | 97       |
| 3) Chloromethane             | 2.113          | 50   | 51862              | 44.82  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.253          | 62   | 53198              | 47.40  | ug/l   | 97       |
| 5) Bromomethane              | 2.650          | 94   | 34332              | 45.63  | ug/l   | 98       |
| 6) Chloroethane              | 2.796          | 64   | 31435              | 46.38  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 66329              | 47.26  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.534          | 74   | 21926              | 48.82  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899          | 101  | 37422              | 49.86  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.094          | 142  | 49100              | 52.08  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.960          | 59   | 19368              | 210.65 | ug/l   | 96       |
| 12) 1,1-Dichloroethene       | 3.875          | 96   | 37161              | 49.31  | ug/l   | 96       |
| 13) Acrolein                 | 3.729          | 56   | 23630              | 260.83 | ug/l   | 97       |
| 14) Allyl chloride           | 4.485          | 41   | 72850              | 51.00  | ug/l   | 100      |
| 15) Acrylonitrile            | 5.167          | 53   | 59944              | 253.20 | ug/l   | 100      |
| 16) Acetone                  | 3.948          | 43   | 50689              | 220.19 | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.198          | 76   | 123687             | 50.80  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.478          | 43   | 28112              | 51.97  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.222          | 73   | 112166             | 50.70  | ug/l   | 97       |
| 20) Methylene Chloride       | 4.722          | 84   | 44674              | 48.01  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.222          | 96   | 42955              | 50.70  | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.118          | 45   | 143970             | 51.28  | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.064          | 43   | 486359             | 255.81 | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.021          | 63   | 76590              | 51.00  | ug/l   | 99       |
| 25) 2-Butanone               | 6.990          | 43   | 80463              | 245.29 | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 6.984          | 77   | 68219              | 49.13  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.990          | 96   | 47549              | 51.10  | ug/l   | 100      |
| 28) Bromochloromethane       | 7.338          | 49   | 34890              | 52.58  | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.350          | 42   | 53068              | 250.65 | ug/l   | 98       |
| 30) Chloroform               | 7.508          | 83   | 77119              | 50.63  | ug/l   | 98       |
| 31) Cyclohexane              | 7.783          | 56   | 73499              | 48.08  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.704          | 97   | 69103              | 49.39  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.917          | 75   | 60284              | 48.36  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.076          | 43   | 36349              | 49.32  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.899          | 117  | 63067              | 49.00  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.185          | 83   | 74753              | 49.63  | ug/l   | 98       |
| 40) Benzene                  | 8.161          | 78   | 171678             | 49.59  | ug/l   | 99       |

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 Sample : VSTDICV050  
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

MMDadoda  
 2/23/2021 1:06:43 PM

Quant Time: Feb 23 03:43:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 23 03:42:58 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 21087m   | 54.14  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 54889    | 48.26  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 69424    | 49.99  | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 46997    | 49.14  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 44104    | 51.97  | ug/l   | 99       |
| 46) Dibromomethane            | 9.307  | 93   | 24014    | 50.60  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 60782    | 50.08  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 33588    | 49.45  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 5578     | 974.86 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 180684   | 251.88 | ug/l   | 100      |
| 52) Toluene                   | 10.240 | 92   | 107973   | 49.87  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 66025    | 50.57  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 72713    | 49.76  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 33850    | 50.33  | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 49339    | 51.37  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 59860    | 50.27  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 98833    | 226.88 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.831 | 43   | 126135   | 249.48 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.983 | 129  | 42359    | 49.91  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 33130    | 50.24  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.721 | 164  | 50869    | 48.33  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 113502   | 49.35  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 43698    | 49.73  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 212278   | 49.20  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 157153   | 98.74  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 74381    | 49.74  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 129178   | 50.29  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 28307    | 50.37  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.325 | 105  | 204814   | 48.91  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 64759    | 51.19  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 37451    | 49.12  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 29462m   | 49.76  | ug/l   |          |
| 77) Bromobenzene              | 12.605 | 156  | 50777    | 49.26  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 246870   | 49.23  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 138149   | 48.57  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 175373   | 49.09  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 15668    | 49.13  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 146720   | 49.16  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 149801   | 48.96  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 176685   | 49.37  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 207095   | 49.42  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 193787   | 49.66  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 96680    | 49.24  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 95716    | 49.08  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.696 | 91   | 180934   | 49.93  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.958 | 117  | 35357    | 50.81  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 85848    | 49.43  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 6928     | 47.45  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 59538    | 47.72  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 37171    | 47.18  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 108812   | 47.83  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 51759    | 48.64  | ug/l   | 99       |

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Sample : VSTDICV050  
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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

Manual Integrations  
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MMDadoda  
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Quant Time: Feb 23 03:43:57 2021  
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Quant Title : SW846 8260  
QLast Update : Tue Feb 23 03:42:58 2021  
Response via : Initial Calibration

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

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

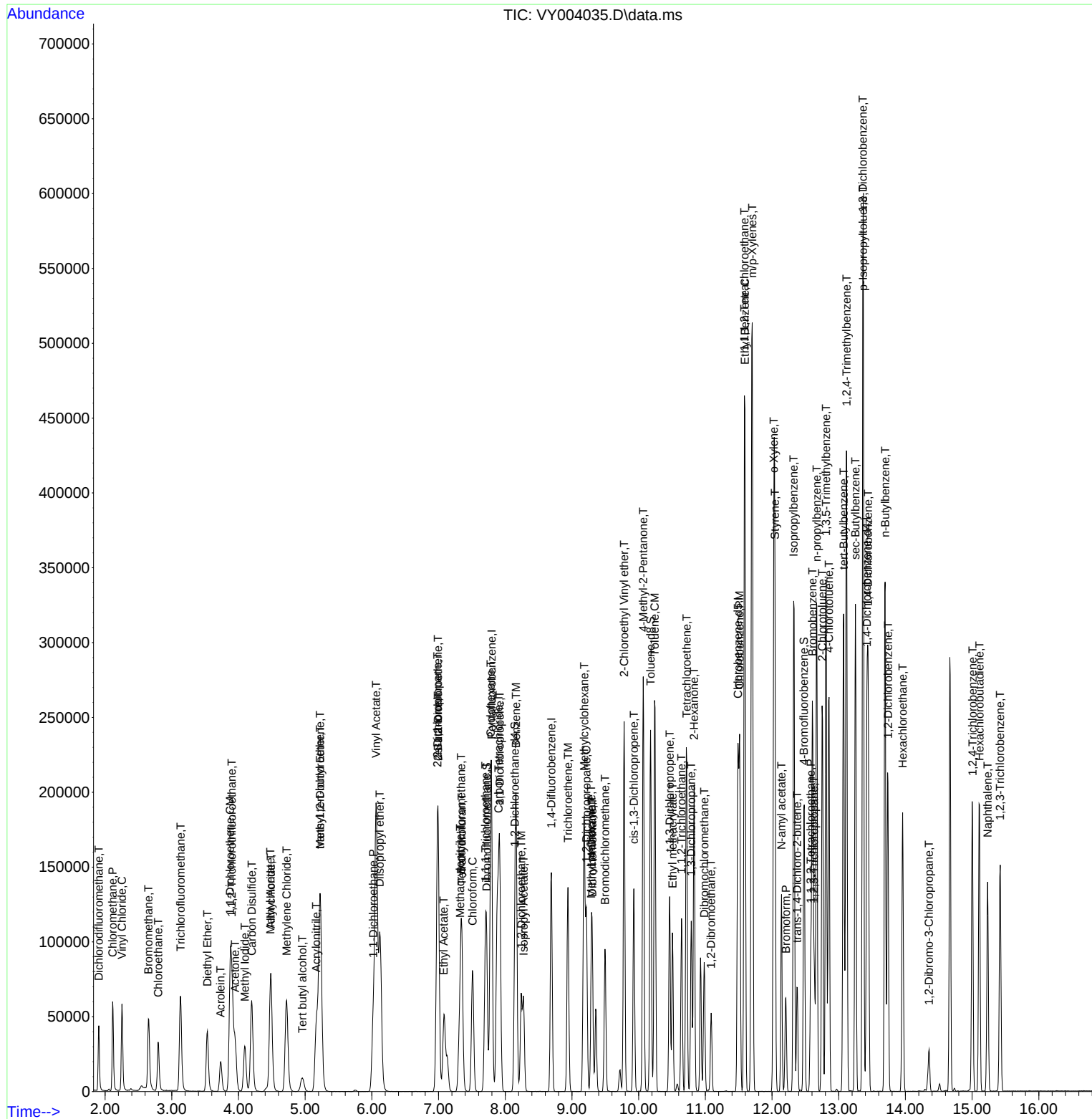
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 Data File : VY004035.D  
 Acq On : 22 Feb 2021 14:36  
 Operator : SY/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

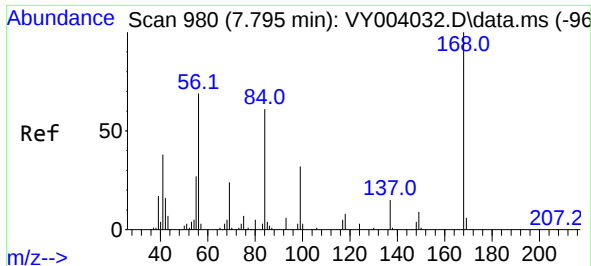
Instrument :  
 MSVOA\_Y  
 Client Sampled :  
 ICVVY022221

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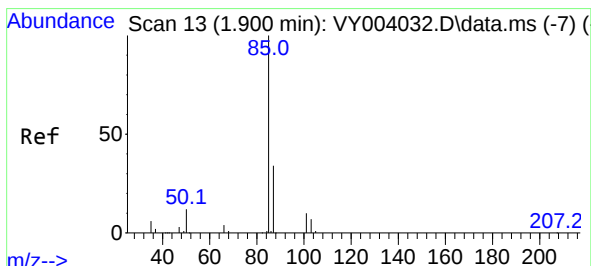
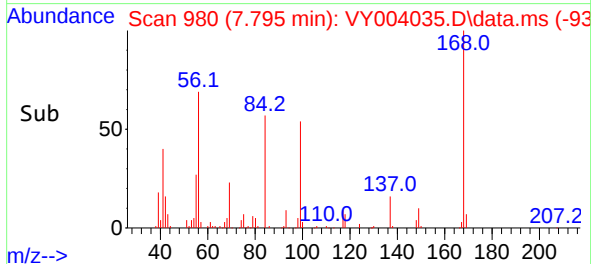
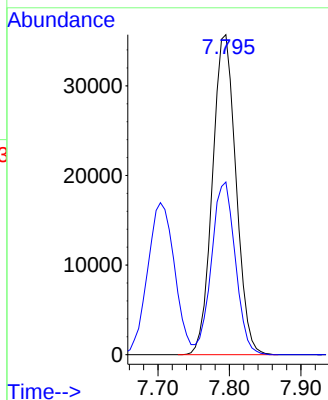
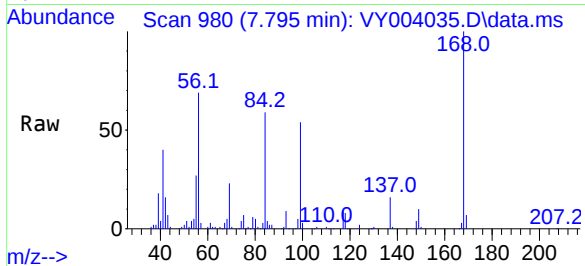
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 168 Resp: 81628  
Ion Ratio Lower Upper  
168 100  
99 54.0 41.2 61.8

Instrument :  
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ClientSampleId :  
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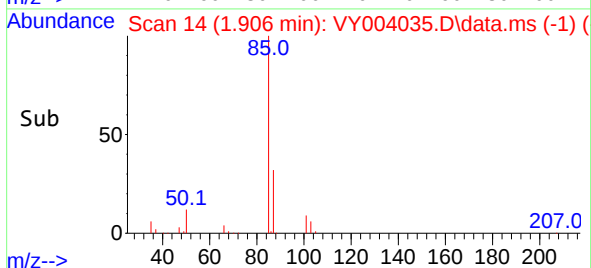
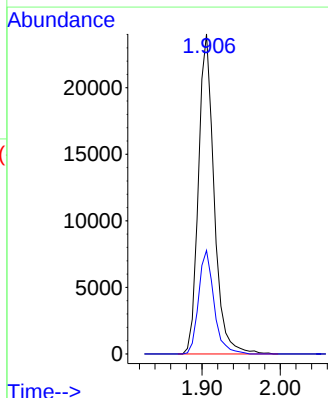
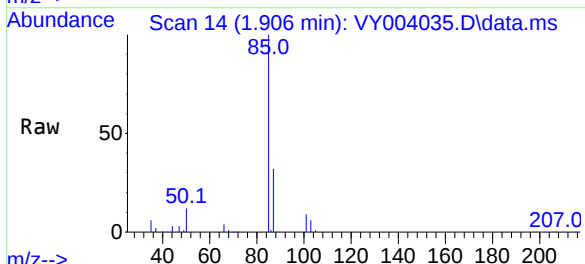
Manual Integrations  
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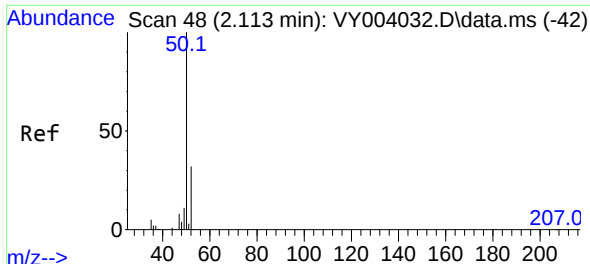
MMDadoda  
2/23/2021 1:06:43 PM



#2  
Dichlorodifluoromethane  
Concen: 43.16 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

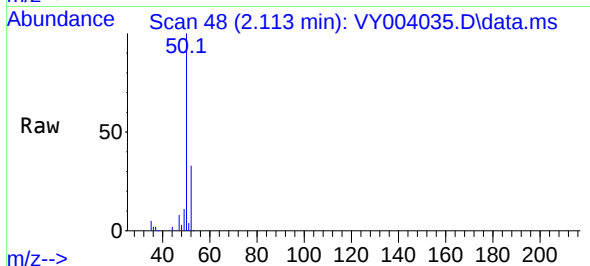
Tgt Ion: 85 Resp: 33438  
Ion Ratio Lower Upper  
85 100  
87 32.4 17.0 51.0





#3  
Chloromethane  
Concen: 44.82 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

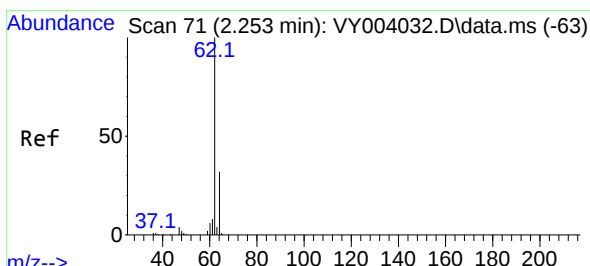
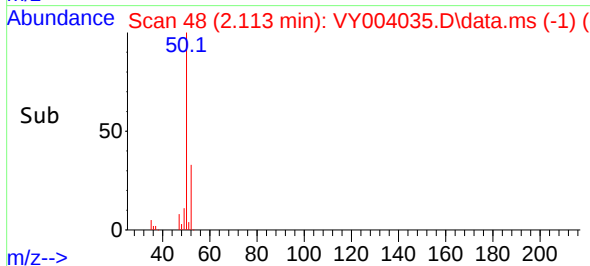
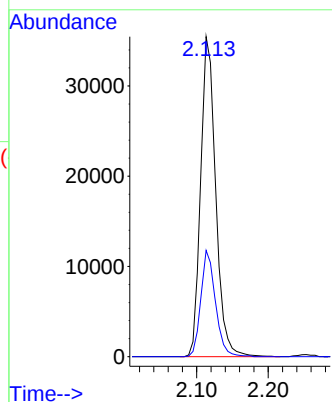
Instrument :  
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Tgt Ion: 50 Resp: 51862  
Ion Ratio Lower Upper  
50 100  
52 33.2 25.4 38.2

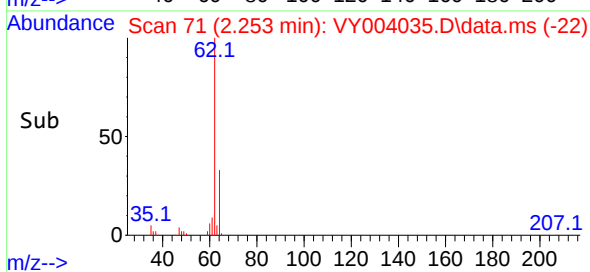
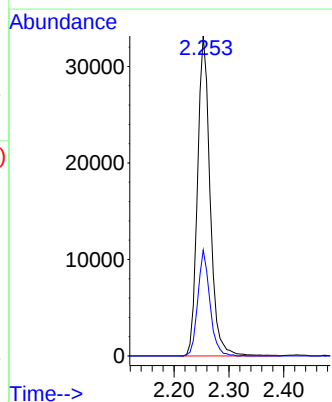
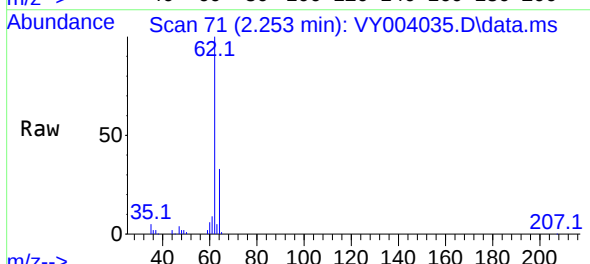
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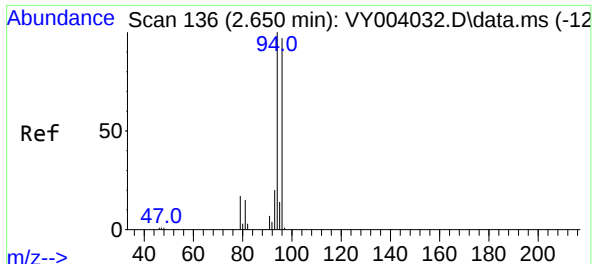
MMDadoda  
2/23/2021 1:06:43 PM



#4  
Vinyl Chloride  
Concen: 47.40 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 62 Resp: 53198  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.3 37.9





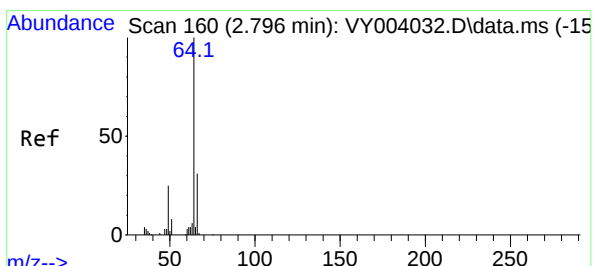
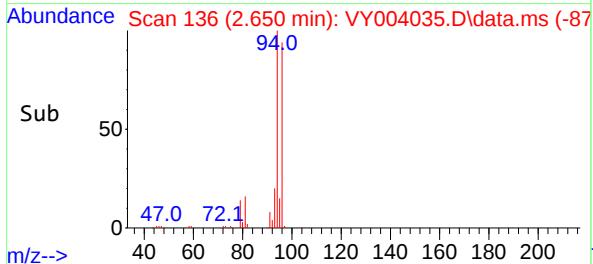
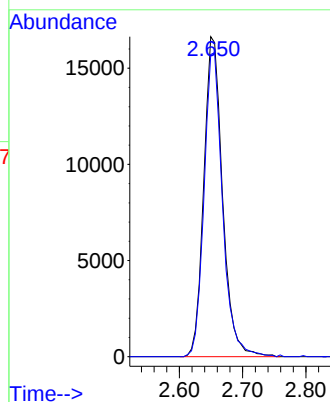
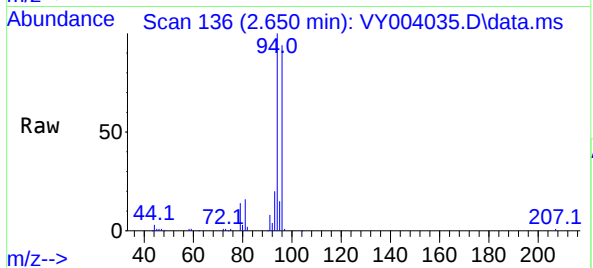
#5  
Bromomethane  
Concen: 45.63 ug/l  
RT: 2.650 min Scan# 136  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 94 Resp: 34332  
Ion Ratio Lower Upper  
94 100  
96 94.5 77.4 116.2

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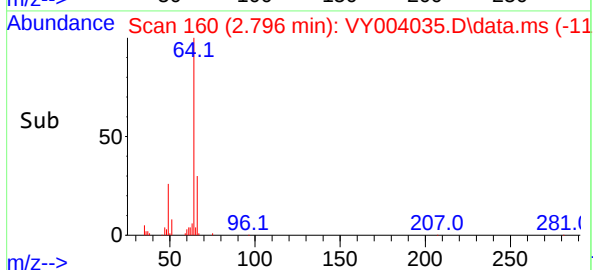
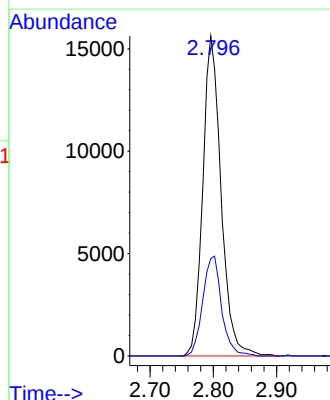
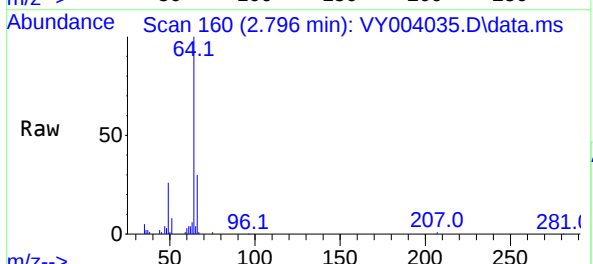
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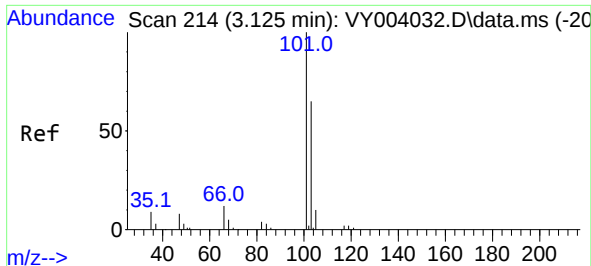
MMDadoda  
2/23/2021 1:06:43 PM



#6  
Chloroethane  
Concen: 46.38 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 64 Resp: 31435  
Ion Ratio Lower Upper  
64 100  
66 30.4 25.0 37.6





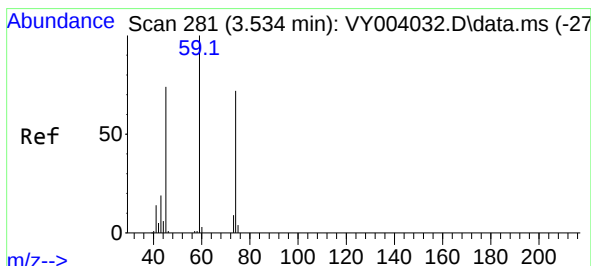
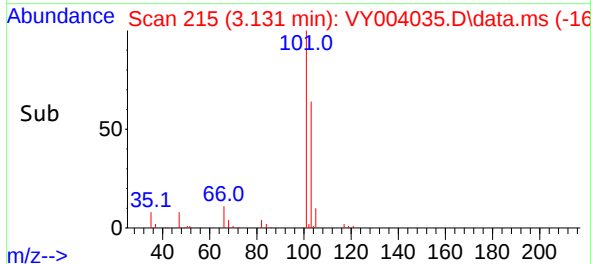
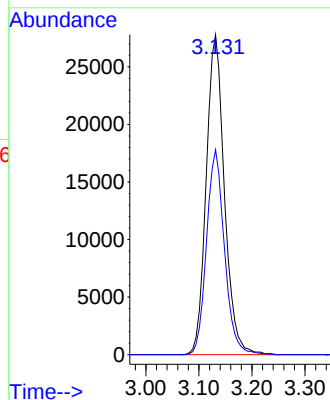
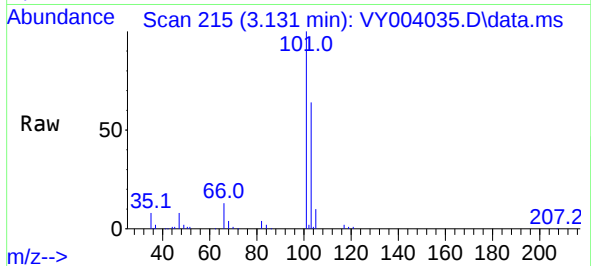
#7  
Trichlorofluoromethane  
Concen: 47.26 ug/l  
RT: 3.131 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 101 Resp: 66329  
Ion Ratio Lower Upper  
101 100  
103 64.1 52.2 78.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

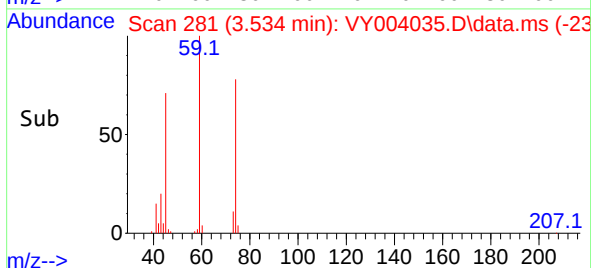
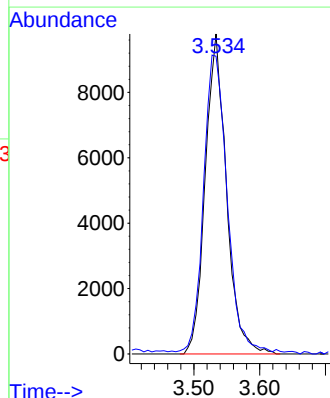
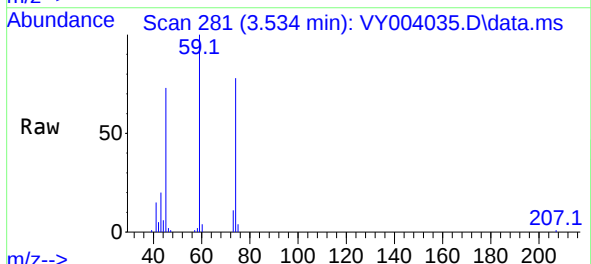
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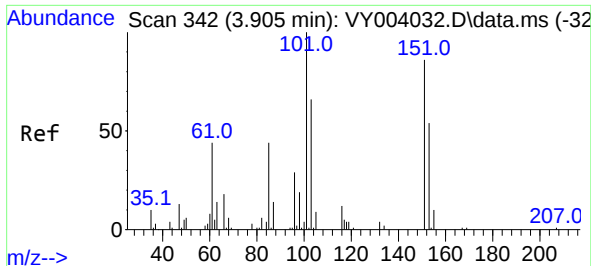
MMDadoda  
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#8  
Diethyl Ether  
Concen: 48.82 ug/l  
RT: 3.534 min Scan# 281  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

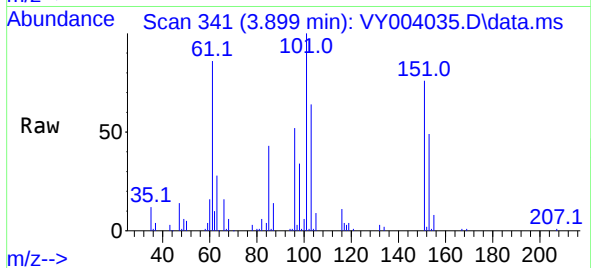
Tgt Ion: 74 Resp: 21926  
Ion Ratio Lower Upper  
74 100  
45 102.6 52.6 157.8





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.86 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

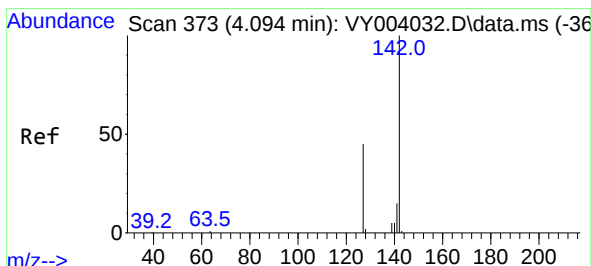
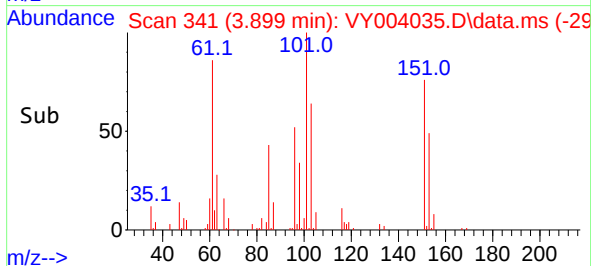
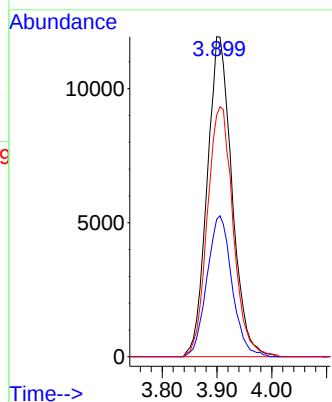
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221



Tgt Ion:101 Resp: 37422  
Ion Ratio Lower Upper  
101 100  
85 44.6 36.1 54.1  
151 81.3 66.9 100.3

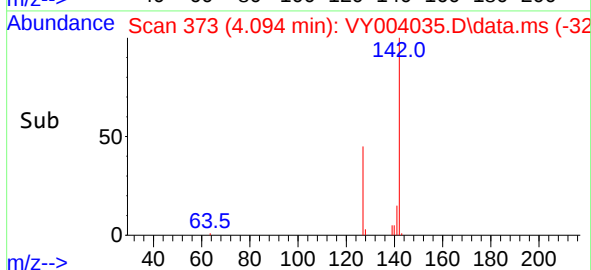
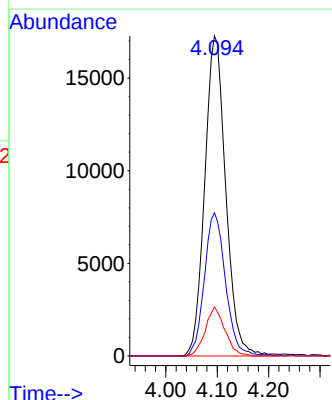
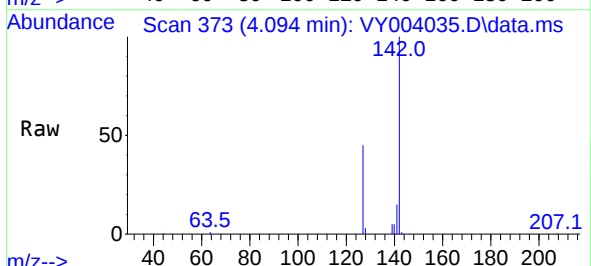
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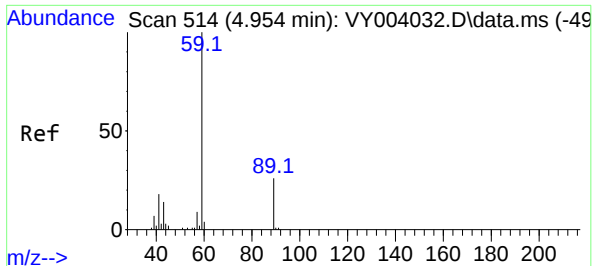
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#10  
Methyl Iodide  
Concen: 52.08 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion:142 Resp: 49100  
Ion Ratio Lower Upper  
142 100  
127 44.9 35.4 53.0  
141 14.3 11.5 17.3





#11

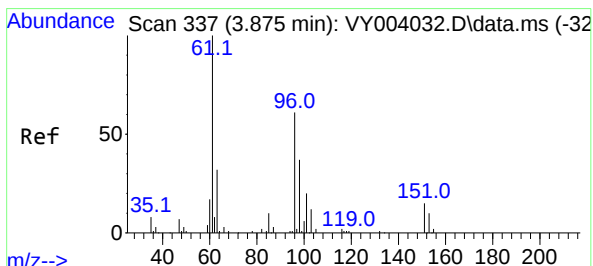
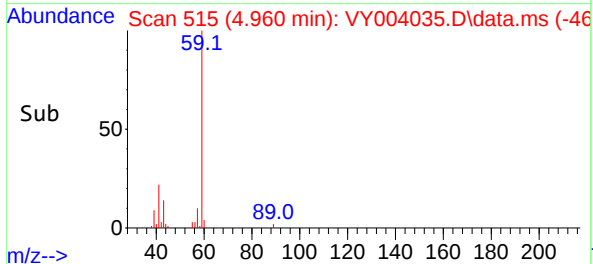
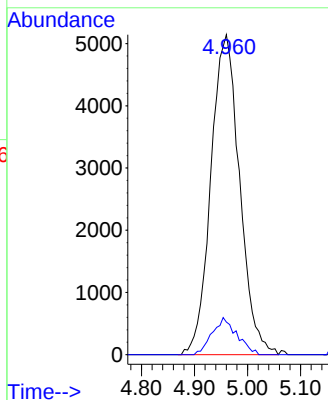
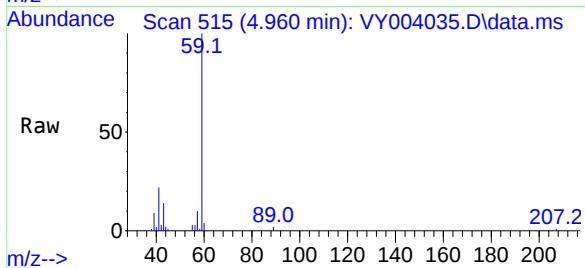
Tert butyl alcohol  
Concen: 210.65 ug/l  
RT: 4.960 min Scan# 515  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 59 Resp: 19368  
Ion Ratio Lower Upper  
59 100  
57 10.0 6.9 10.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

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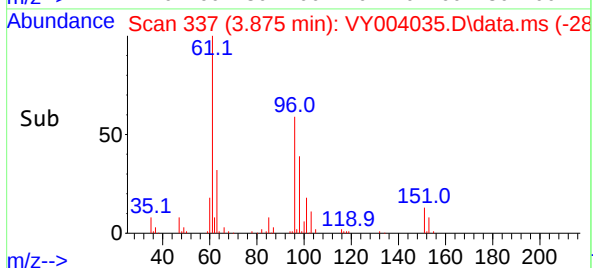
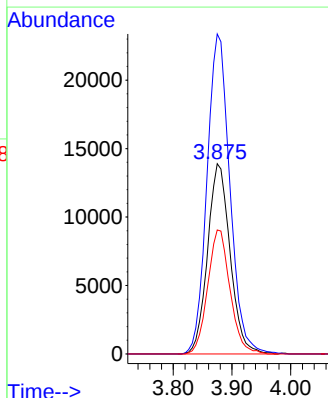
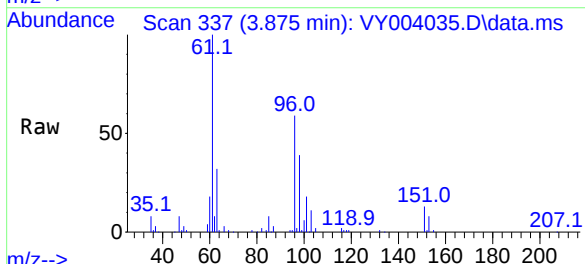
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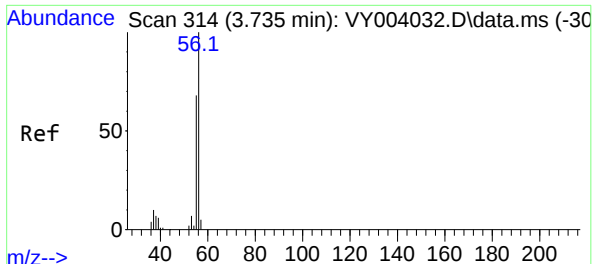


#12

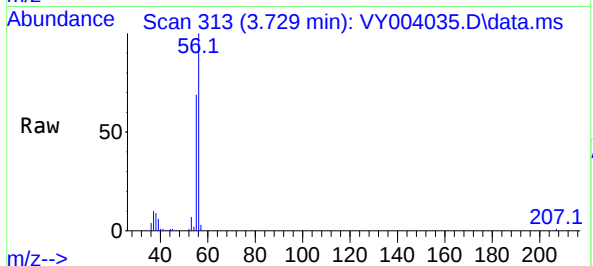
1,1-Dichloroethene  
Concen: 49.31 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 96 Resp: 37161  
Ion Ratio Lower Upper  
96 100  
61 168.2 130.7 196.1  
98 65.2 48.9 73.3

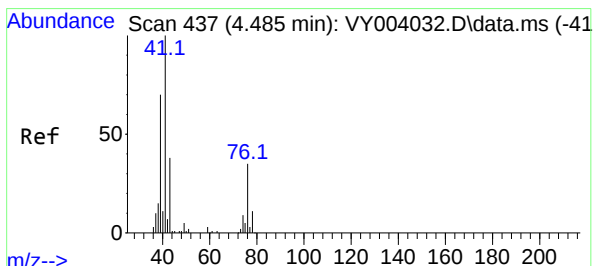
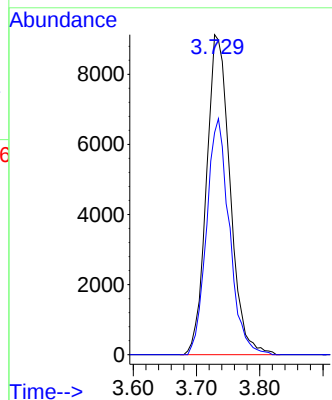
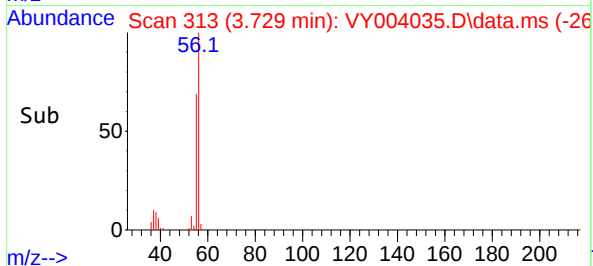




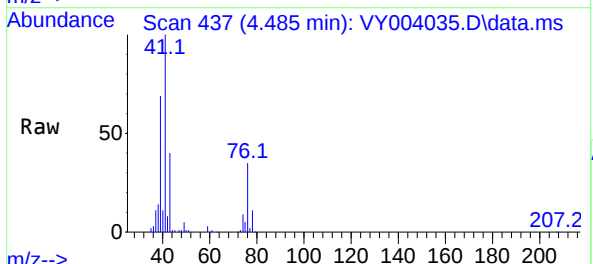
#13  
Acrolein  
Concen: 260.83 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



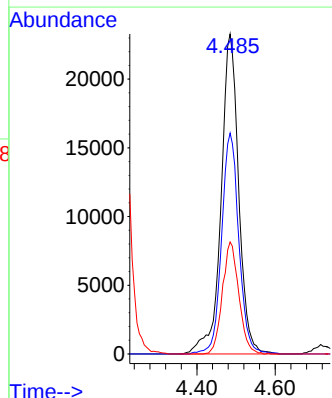
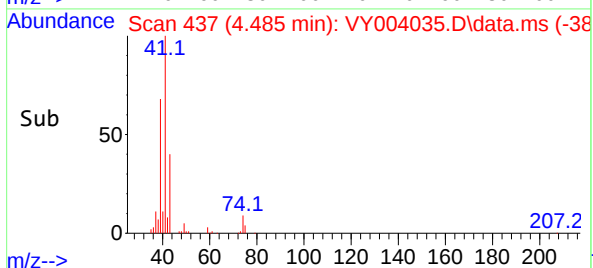
Tgt Ion: 56 Resp: 23630  
Ion Ratio Lower Upper  
56 100  
55 71.6 55.4 83.0



#14  
Allyl chloride  
Concen: 51.00 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



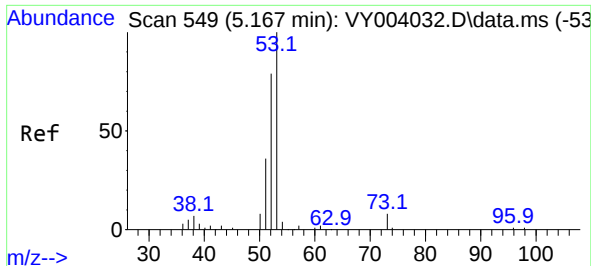
Tgt Ion: 41 Resp: 72850  
Ion Ratio Lower Upper  
41 100  
39 67.4 54.0 81.0  
76 32.6 26.1 39.1



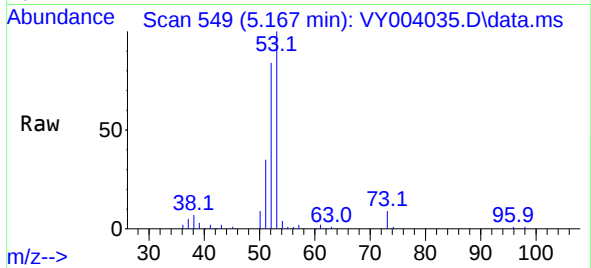
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

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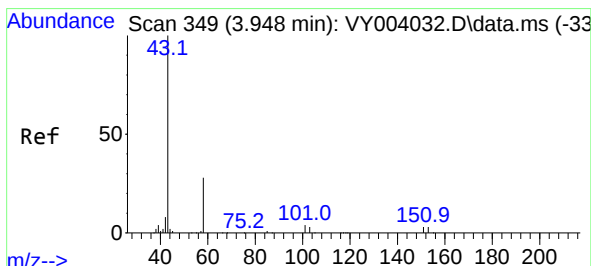
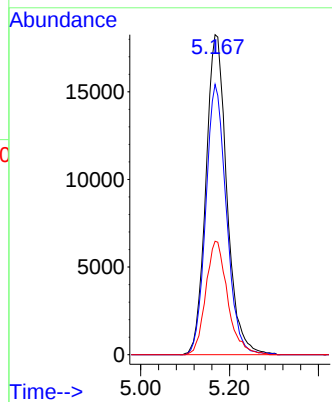
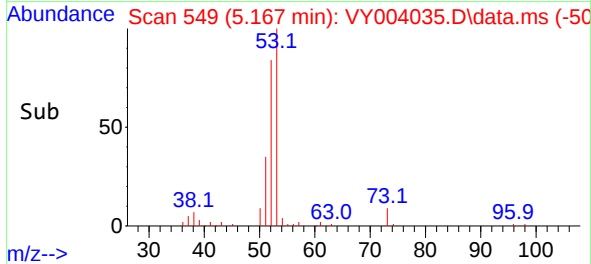
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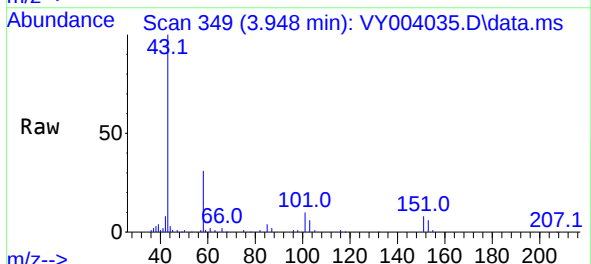
#15  
Acrylonitrile  
Concen: 253.20 ug/l  
RT: 5.167 min Scan# 549  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



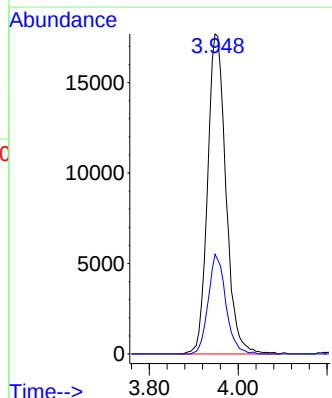
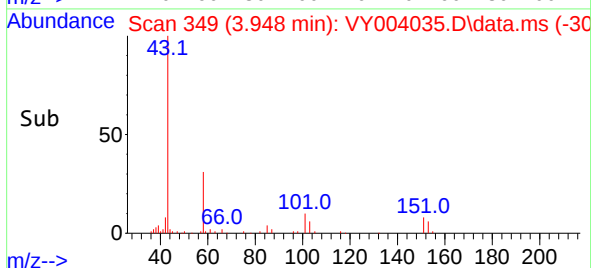
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 59944 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.0  | 66.2  | 99.4  |
| 51       | 37.0  | 29.5  | 44.3  |



#16  
Acetone  
Concen: 220.19 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



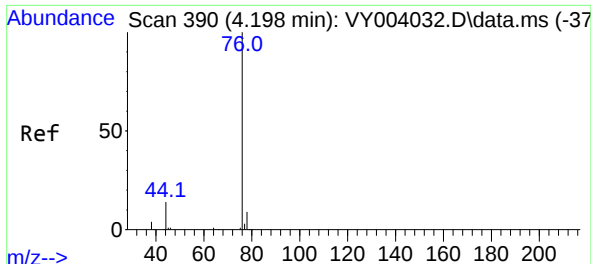
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 50689 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.2  | 22.6  | 34.0  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

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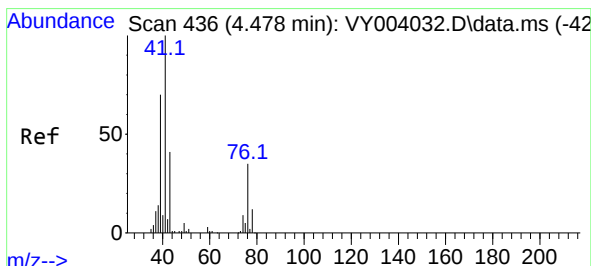
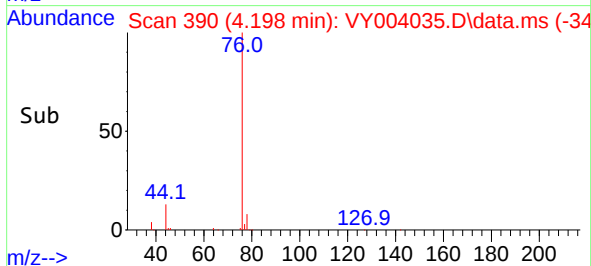
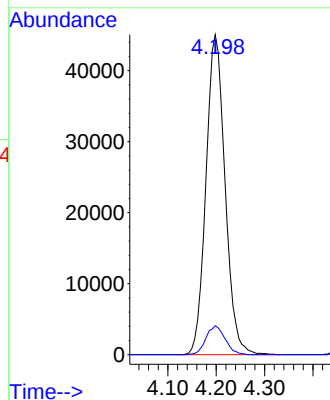
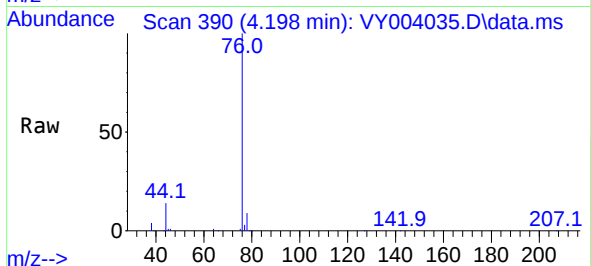
#17  
Carbon Disulfide  
Concen: 50.80 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 76 Resp: 123687  
Ion Ratio Lower Upper  
76 100  
78 9.1 6.8 10.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

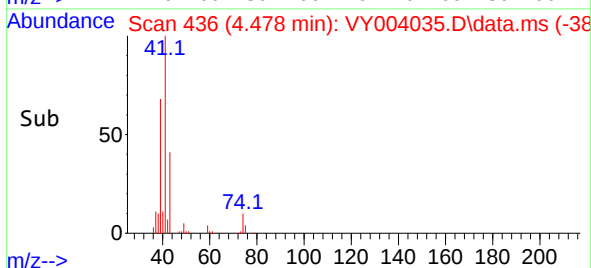
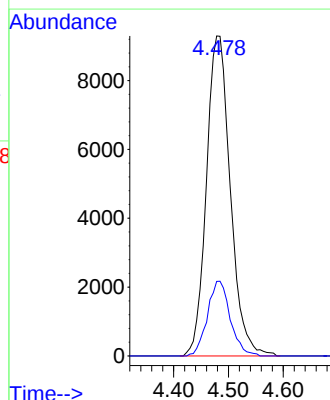
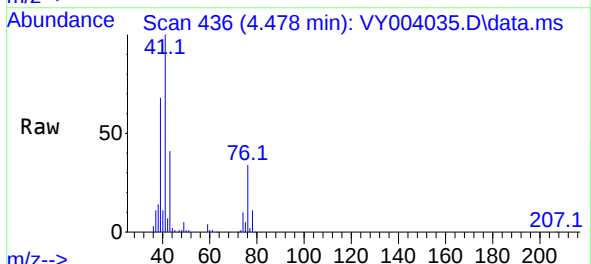
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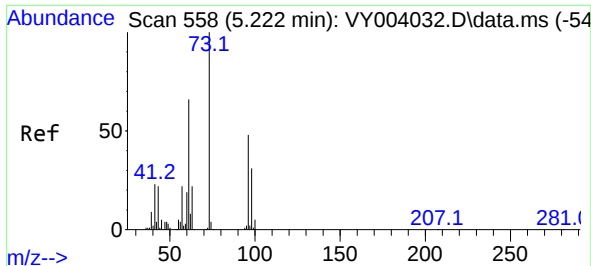
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#18  
Methyl Acetate  
Concen: 51.97 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 43 Resp: 28112  
Ion Ratio Lower Upper  
43 100  
74 22.4 17.6 26.4





#19

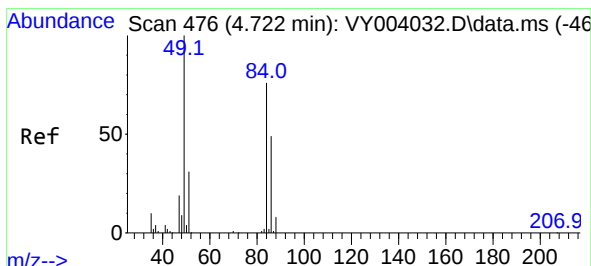
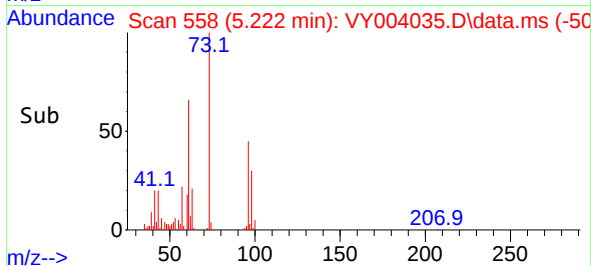
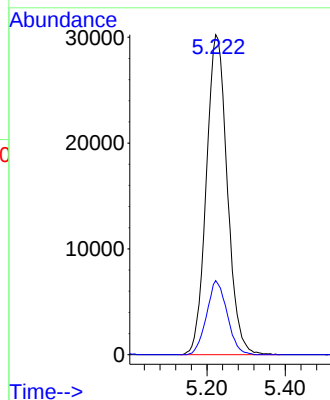
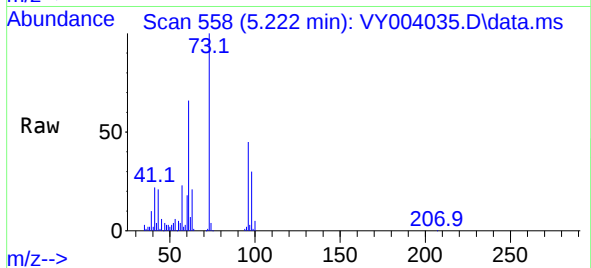
Methyl tert-butyl Ether  
Concen: 50.70 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 73 Resp: 112166  
Ion Ratio Lower Upper  
73 100  
57 23.2 17.5 26.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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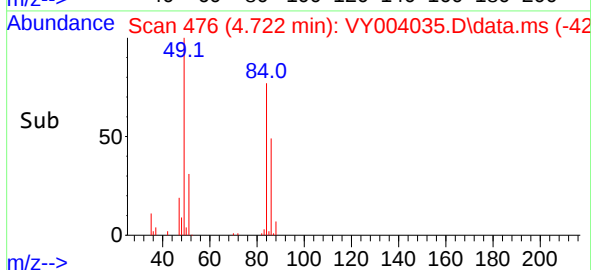
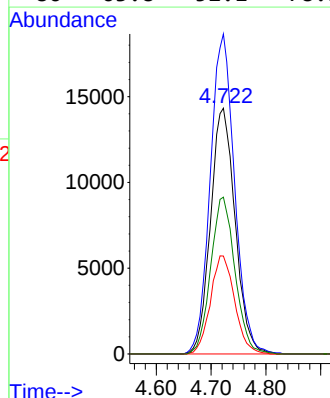
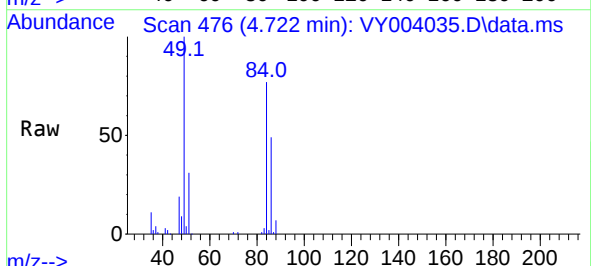
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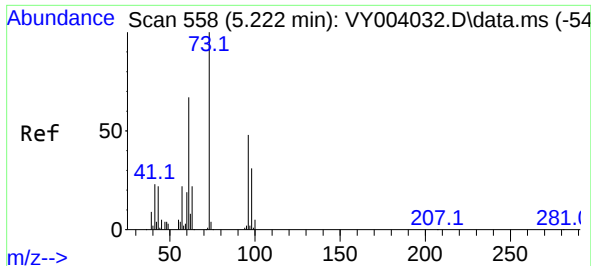


#20

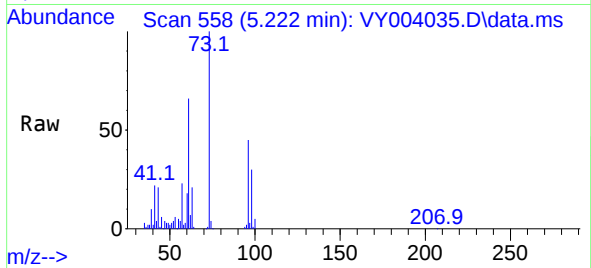
Methylene Chloride  
Concen: 48.01 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 84 Resp: 44674  
Ion Ratio Lower Upper  
84 100  
49 130.2 105.8 158.6  
51 39.8 32.6 48.8  
86 63.8 52.1 78.1



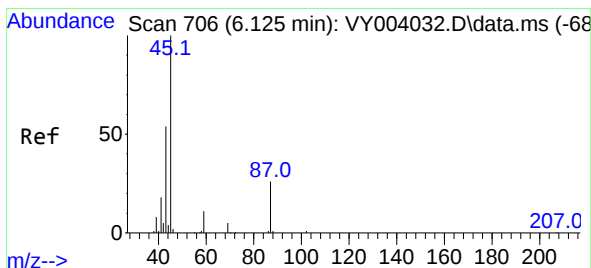
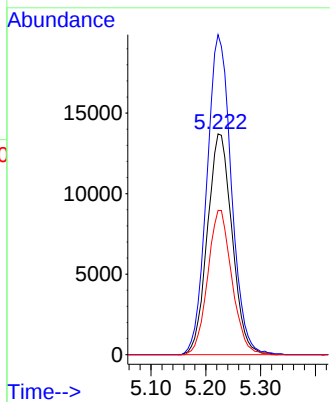
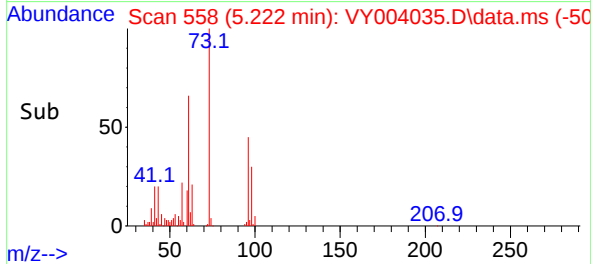


#21  
trans-1,2-Dichloroethene  
Concen: 50.70 ug/l  
RT: 5.222 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

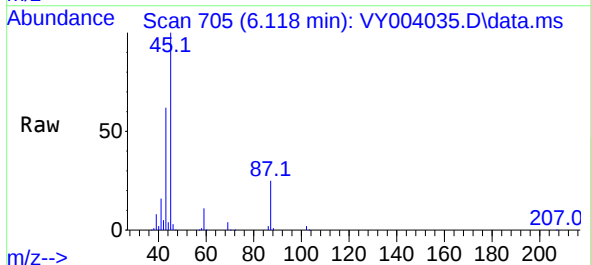


Tgt Ion: 96 Resp: 42955

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 144.9 | 110.8 | 166.2 |
| 98  | 65.3  | 51.0  | 76.6  |

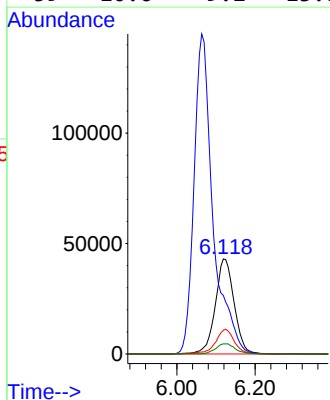
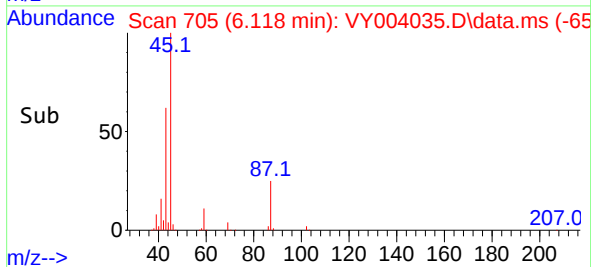


#22  
Diisopropyl ether  
Concen: 51.28 ug/l  
RT: 6.118 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 45 Resp: 143970

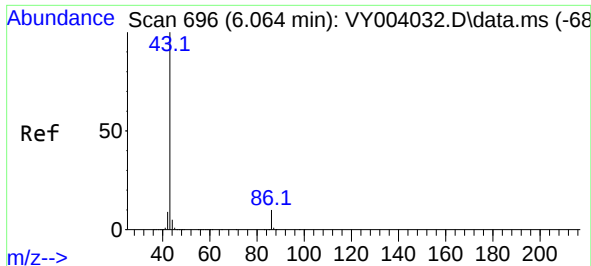
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 61.5  | 45.1  | 67.7  |
| 87  | 24.9  | 21.0  | 31.4  |
| 59  | 10.6  | 9.2   | 13.8  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

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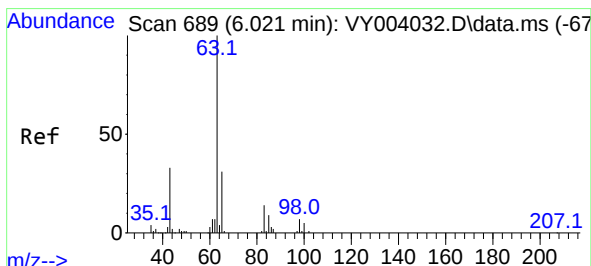
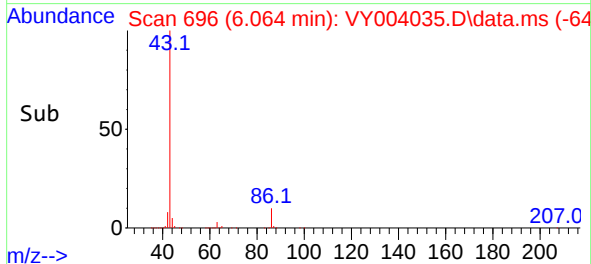
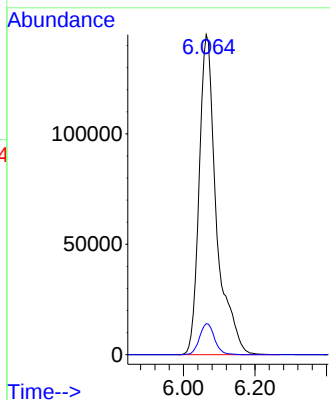
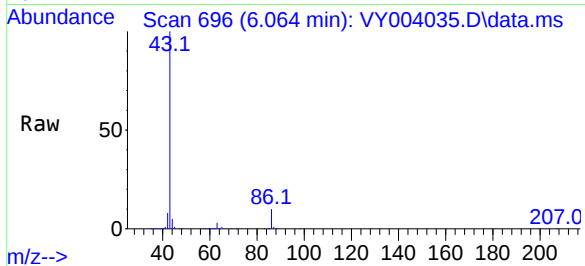
#23  
 Vinyl Acetate  
 Concen: 255.81 ug/l  
 RT: 6.064 min Scan# 696  
 Delta R.T. 0.000 min  
 Lab File: VY004035.D  
 Acq: 22 Feb 2021 14:36

Tgt Ion: 43 Resp: 486359  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 7.8 11.6

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ICVVY022221

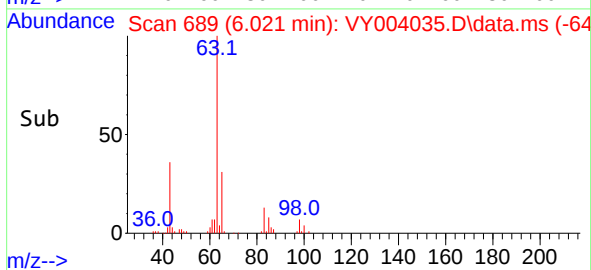
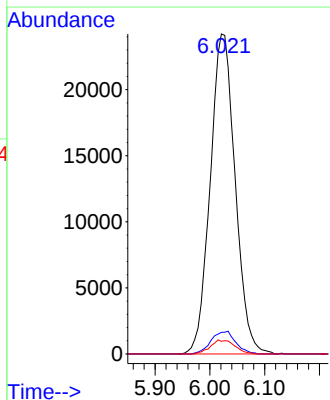
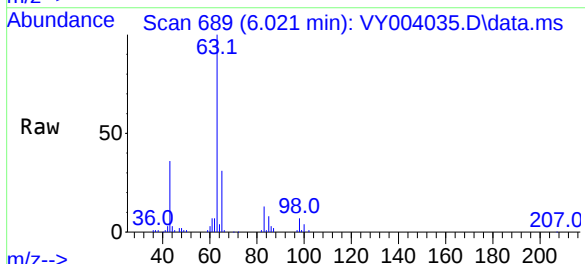
Manual Integrations  
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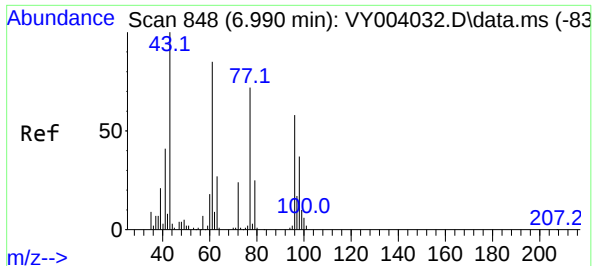
MMDadoda  
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#24  
 1,1-Dichloroethane  
 Concen: 51.00 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.000 min  
 Lab File: VY004035.D  
 Acq: 22 Feb 2021 14:36

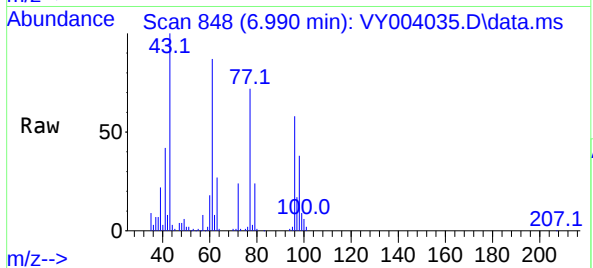
Tgt Ion: 63 Resp: 76590  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.4  
 100 4.0 2.3 6.9





#25  
2-Butanone  
Concen: 245.29 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

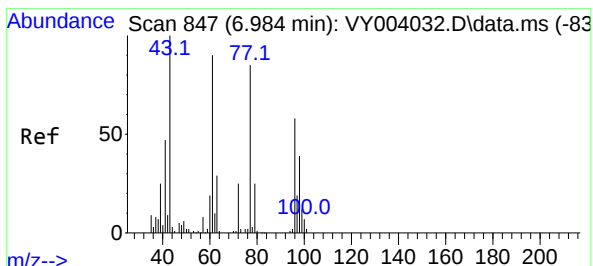
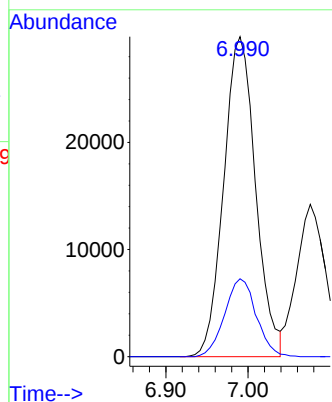
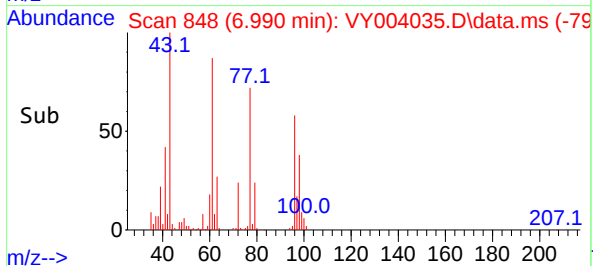
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221



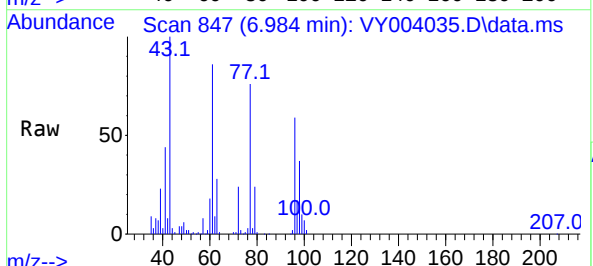
Tgt Ion: 43 Resp: 80463  
Ion Ratio Lower Upper  
43 100  
72 24.3 19.4 29.0

Manual Integrations  
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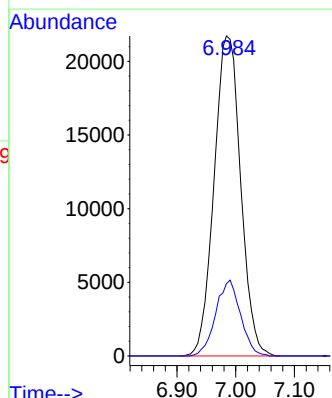
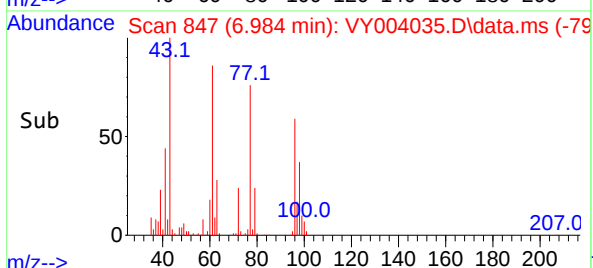
MMDadoda  
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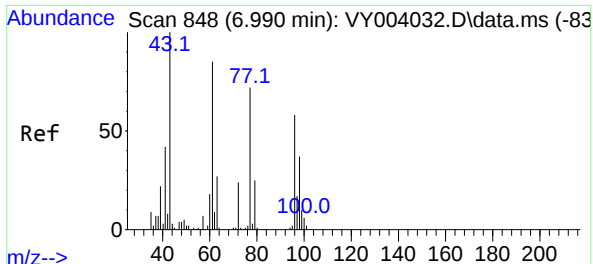


#26  
2,2-Dichloropropane  
Concen: 49.13 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 77 Resp: 68219  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.4 34.1





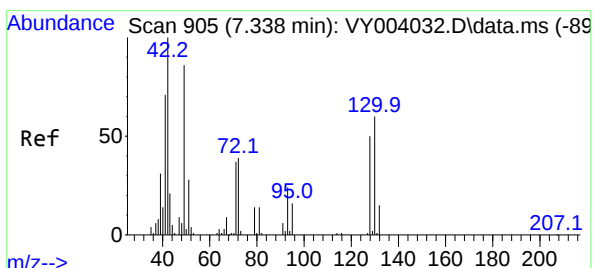
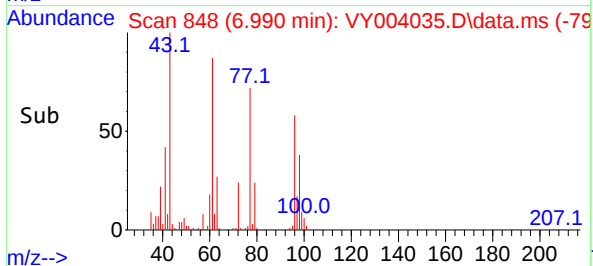
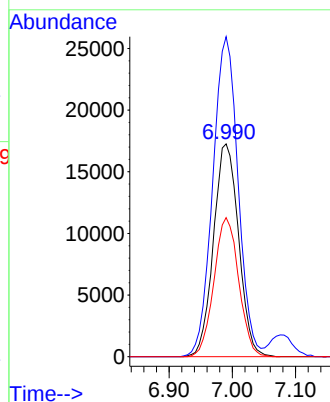
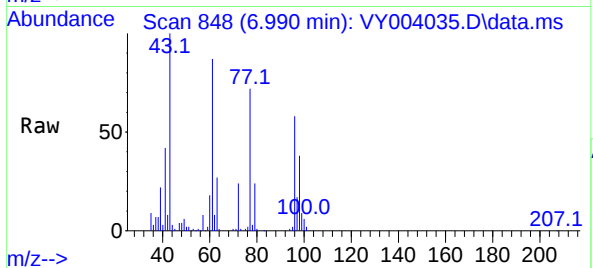
#27  
cis-1,2-Dichloroethene  
Concen: 51.10 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 47549 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 151.7 | 0.0   | 303.6 |
| 98       | 64.4  | 0.0   | 130.6 |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

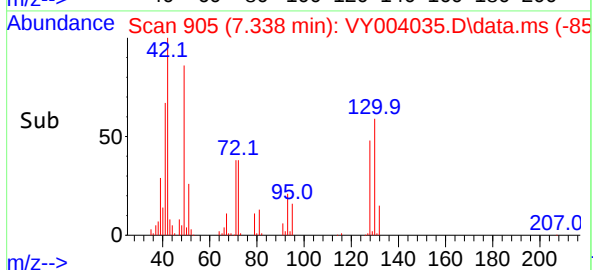
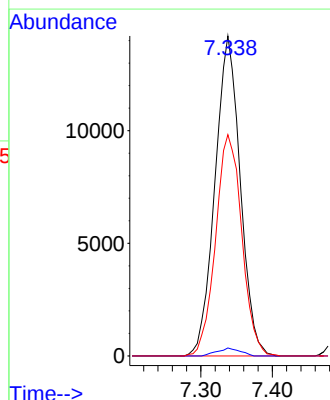
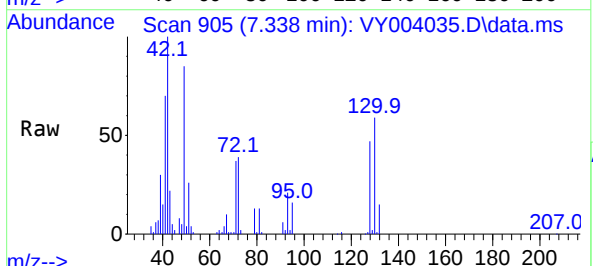
Manual Integrations  
APPROVED

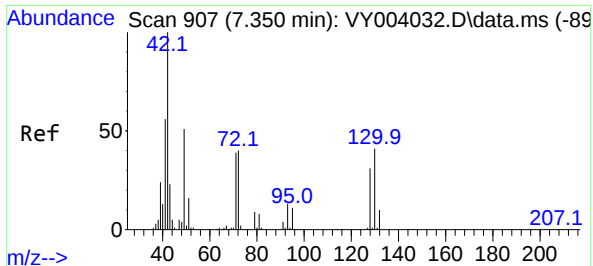
MMDadoda  
2/23/2021 1:06:43 PM



#28  
Bromochloromethane  
Concen: 52.58 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 34890 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 2.2   | 0.0   | 4.4   |
| 130      | 71.5  | 59.0  | 88.4  |





#29

Tetrahydrofuran

Concen: 250.65 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY004035.D

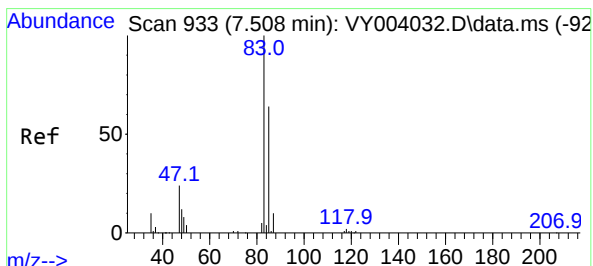
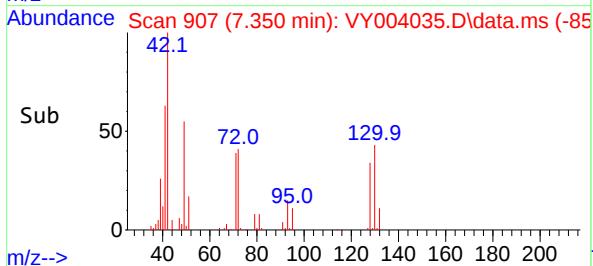
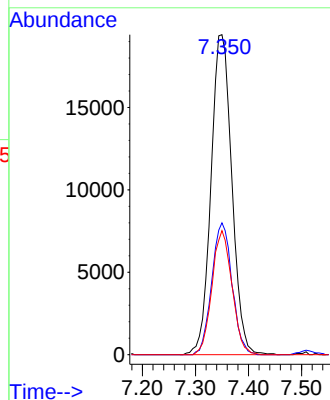
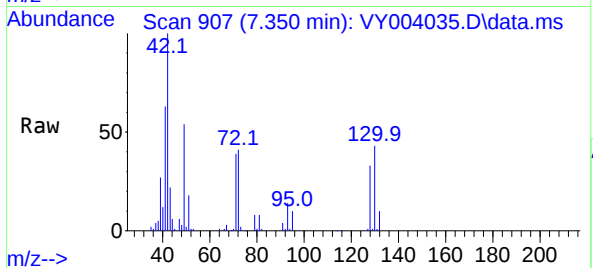
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 53068 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 40.0  | 32.6  | 48.8  |
| 71       | 37.2  | 31.0  | 46.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

Manual Integrations  
APPROVED

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2/23/2021 1:06:43 PM



#30

Chloroform

Concen: 50.63 ug/l

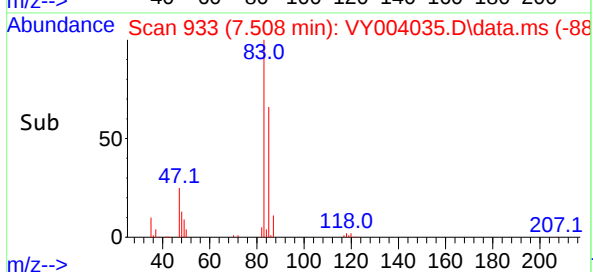
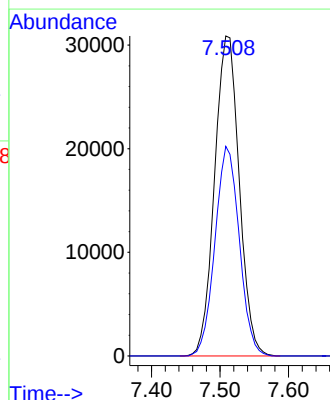
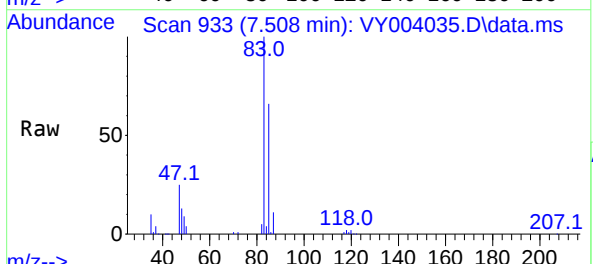
RT: 7.508 min Scan# 933

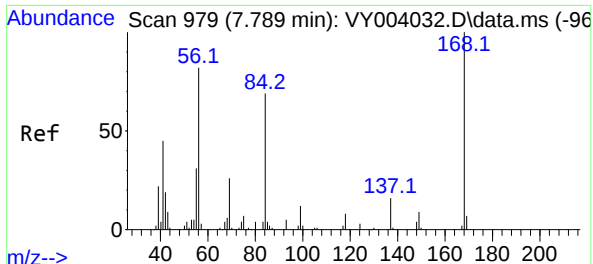
Delta R.T. 0.000 min

Lab File: VY004035.D

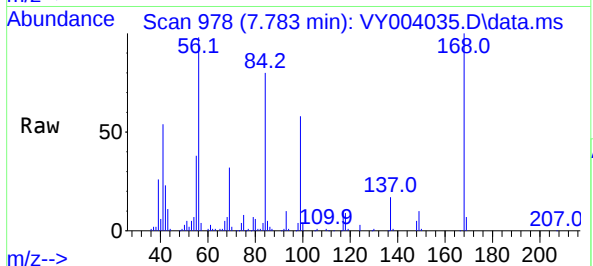
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 77119 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.5  | 51.0  | 76.6  |

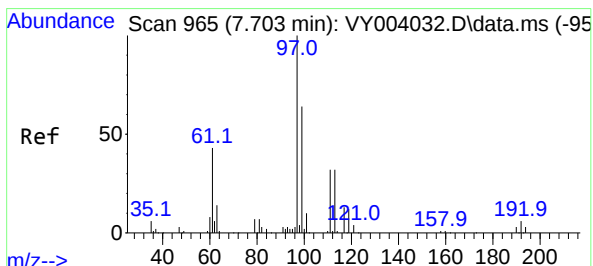
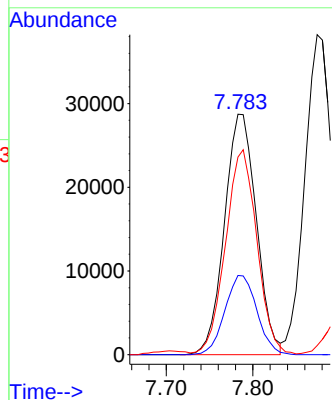
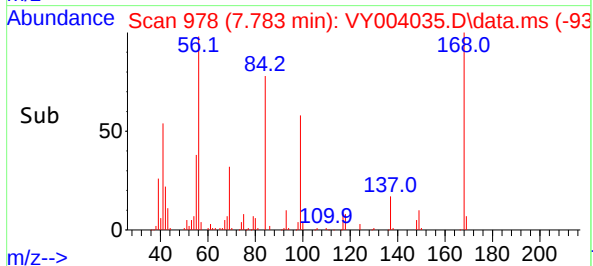




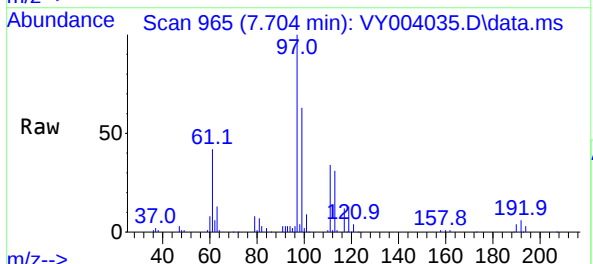
#31  
Cyclohexane  
Concen: 48.08 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



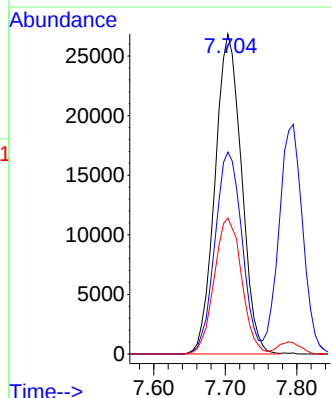
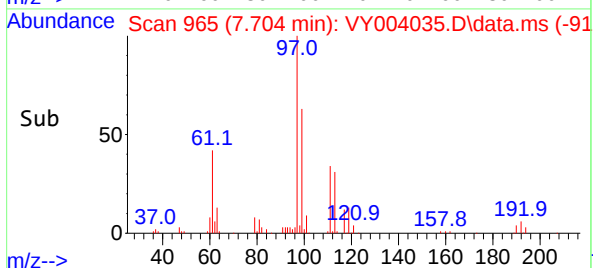
Tgt Ion: 56 Resp: 73499  
Ion Ratio Lower Upper  
56 100  
69 33.0 25.3 37.9  
84 81.0 67.3 100.9



#32  
1,1,1-Trichloroethane  
Concen: 49.39 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



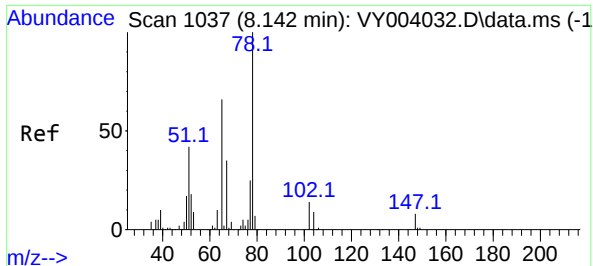
Tgt Ion: 97 Resp: 69103  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.8 77.6  
61 43.9 34.5 51.7



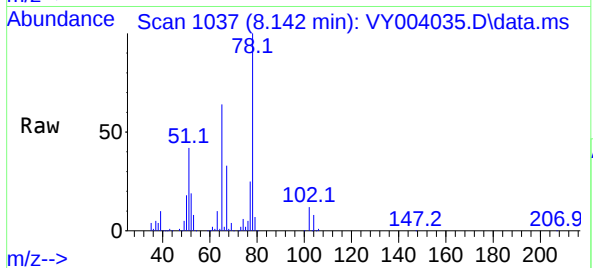
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

Manual Integrations  
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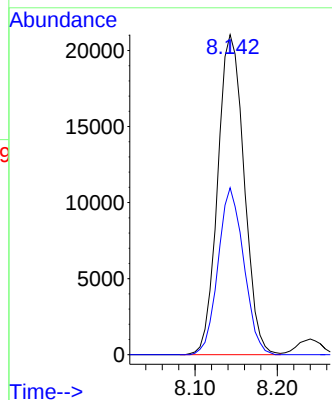
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#33  
1,2-Dichloroethane-d4  
Concen: 51.47 ug/l  
RT: 8.142 min Scan# 1037  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



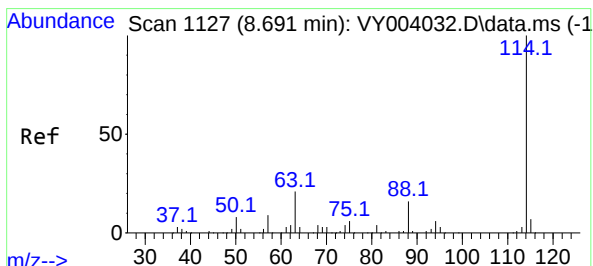
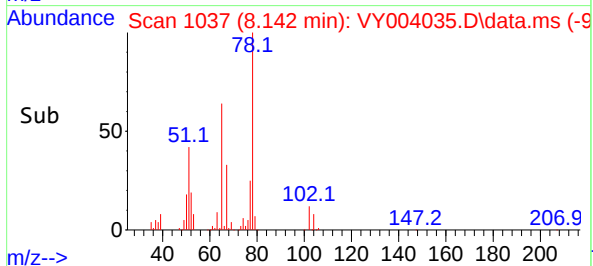
Tgt Ion: 65 Resp: 46883  
Ion Ratio Lower Upper  
65 100  
67 50.7 0.0 101.4



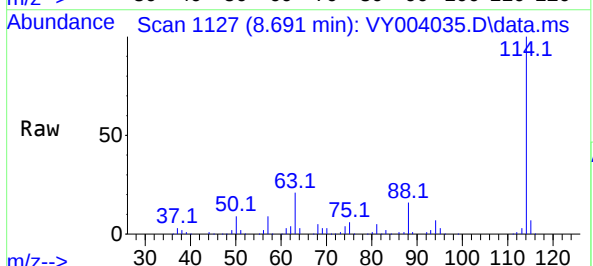
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

Manual Integrations  
APPROVED

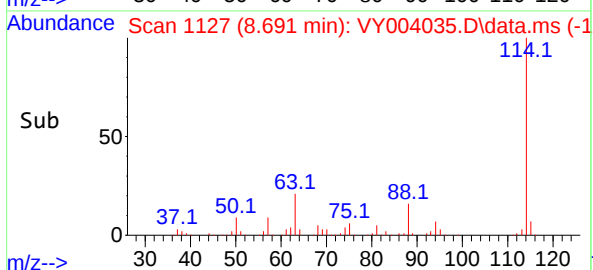
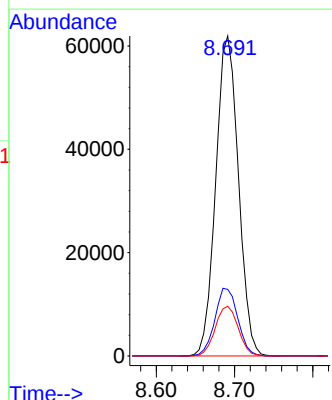
MMDadoda  
2/23/2021 1:06:43 PM

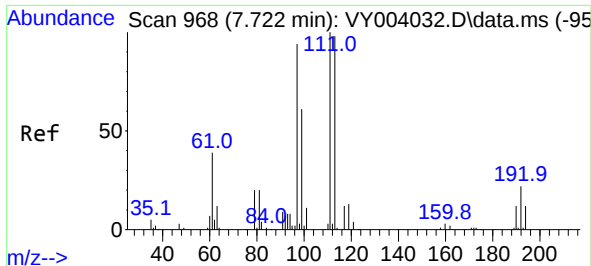


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 114 Resp: 124489  
Ion Ratio Lower Upper  
114 100  
63 20.8 0.0 41.6  
88 15.6 0.0 31.4





#35  
Dibromofluoromethane  
Concen: 51.10 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

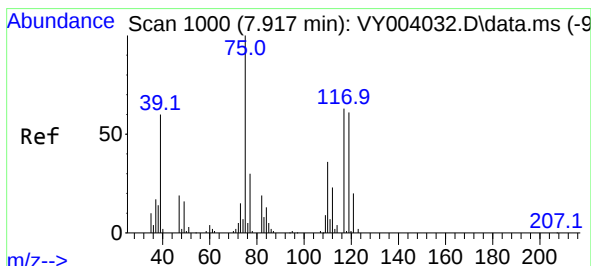
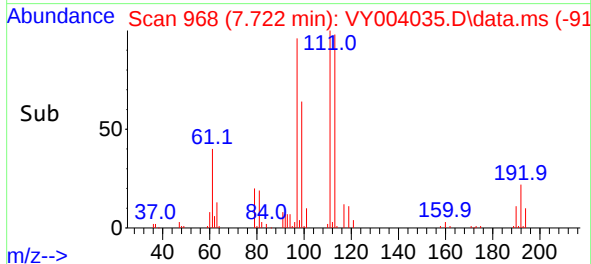
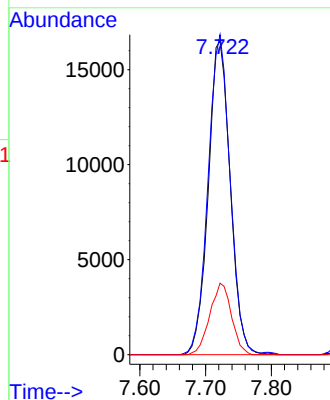
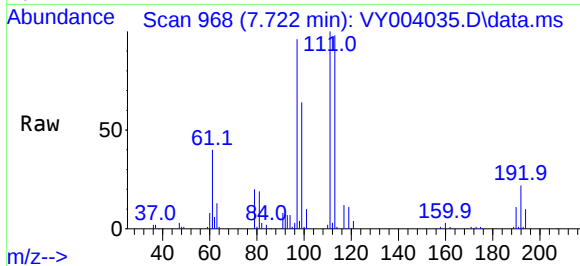
Tgt Ion: 113 Resp: 38349

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.4 | 83.2  | 124.8 |
| 192 | 22.5  | 18.5  | 27.7  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

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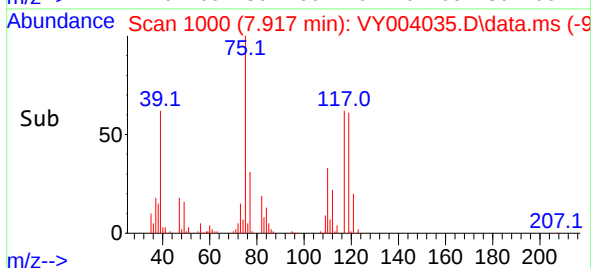
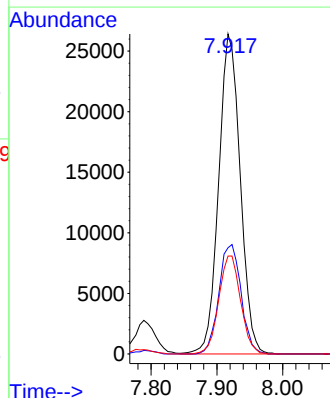
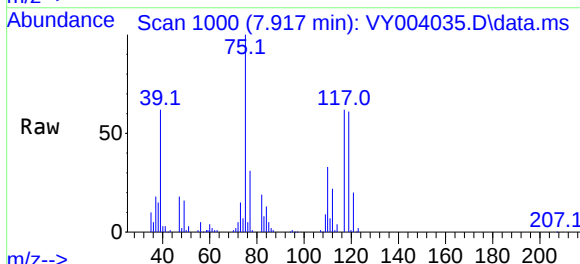
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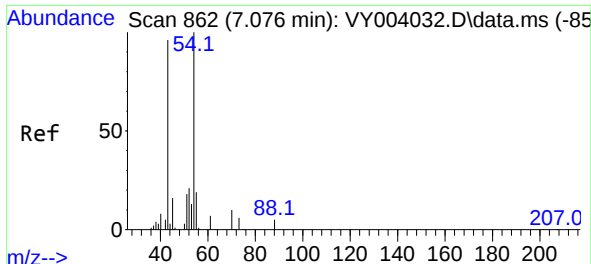


#36  
1,1-Dichloropropene  
Concen: 48.36 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 75 Resp: 60284

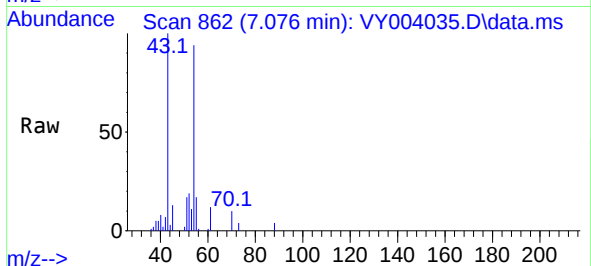
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 35.2  | 17.4  | 52.3  |
| 77  | 31.1  | 24.5  | 36.7  |





#37  
Ethyl Acetate  
Concen: 49.32 ug/l  
RT: 7.076 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

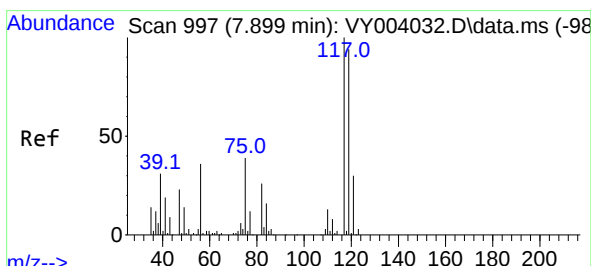
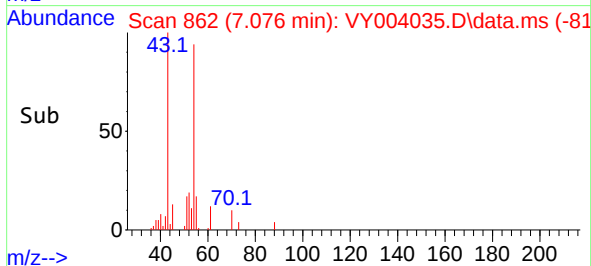
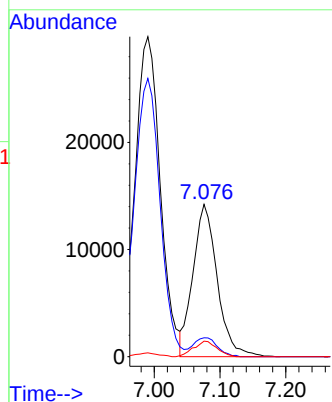
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 36349 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 12.6  | 10.7  | 16.1  |
| 70       | 9.7   | 7.7   | 11.5  |

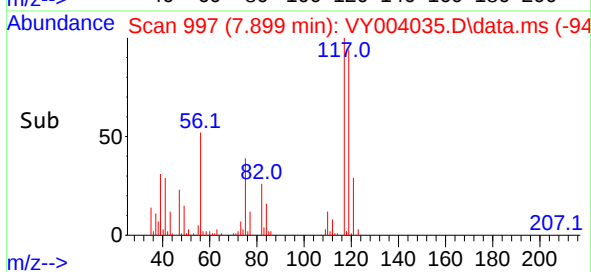
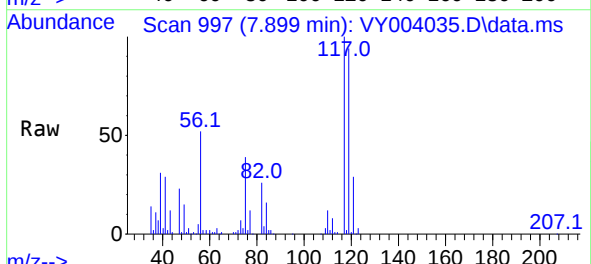
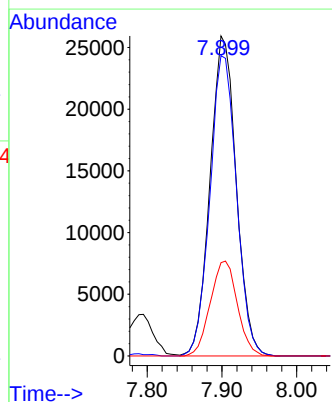
Manual Integrations  
APPROVED

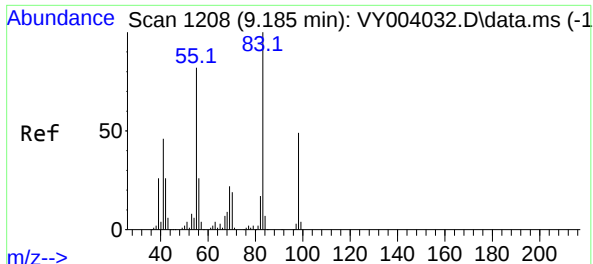
MMDadoda  
2/23/2021 1:06:43 PM



#38  
Carbon Tetrachloride  
Concen: 49.00 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 63067 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.9  | 75.4  | 113.0 |
| 121      | 29.2  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 49.63 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY004035.D

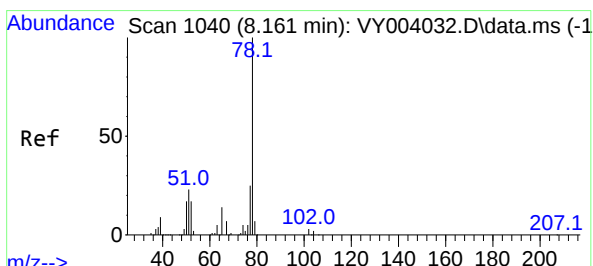
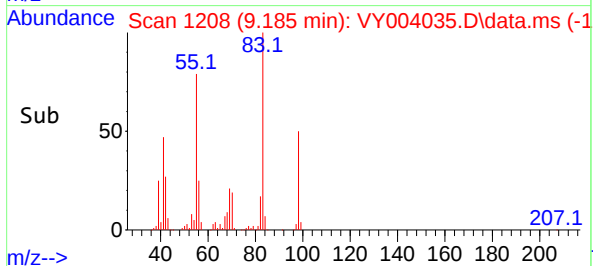
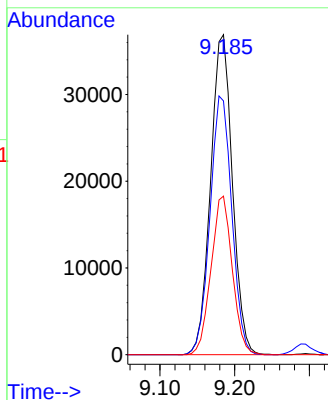
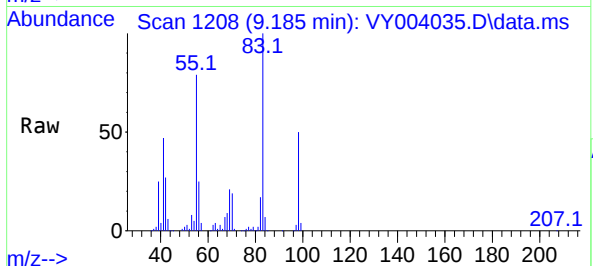
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 74753 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 79.3  | 65.6  | 98.4  |
| 98       | 49.5  | 39.5  | 59.3  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

Manual Integrations  
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2/23/2021 1:06:43 PM



#40

Benzene

Concen: 49.59 ug/l

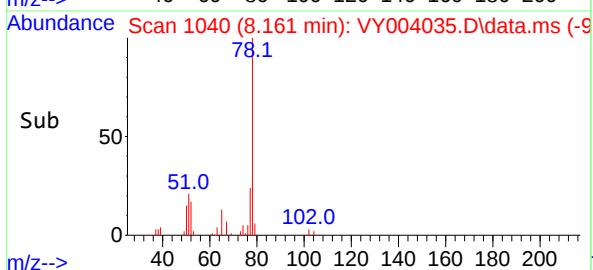
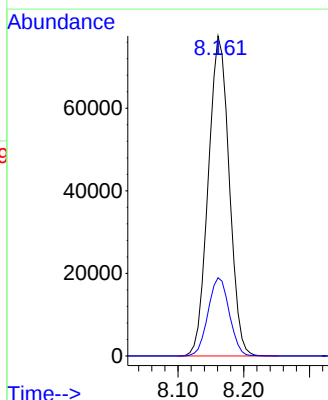
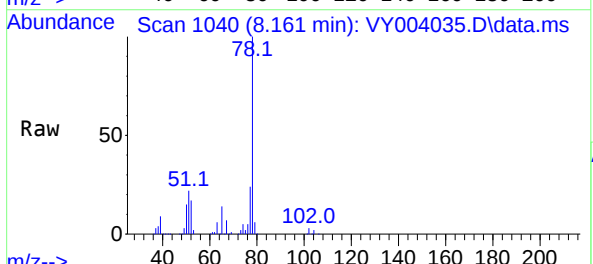
RT: 8.161 min Scan# 1040

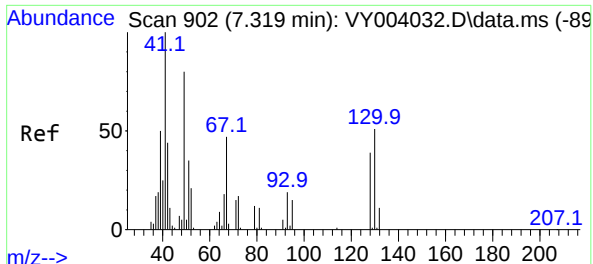
Delta R.T. 0.000 min

Lab File: VY004035.D

Acq: 22 Feb 2021 14:36

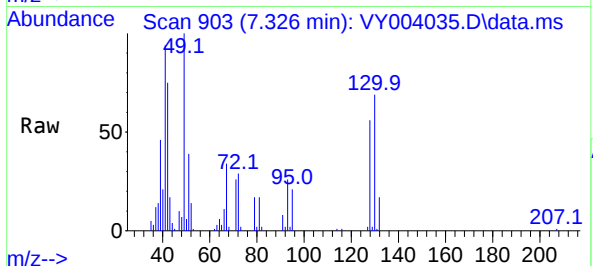
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 171678 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.4  | 20.1  | 30.1   |





#41  
Methacrylonitrile  
Concen: 54.14 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

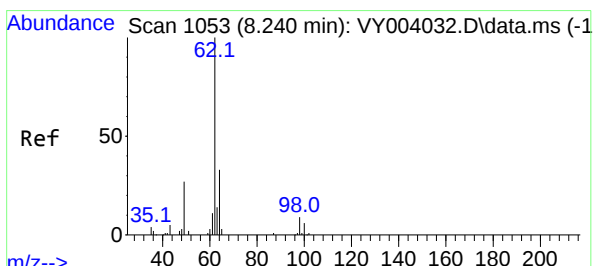
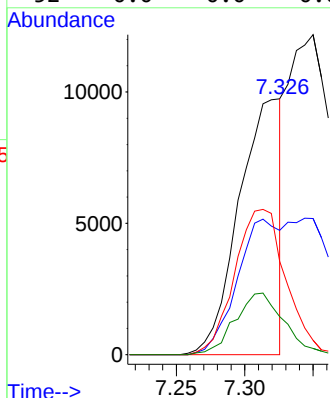
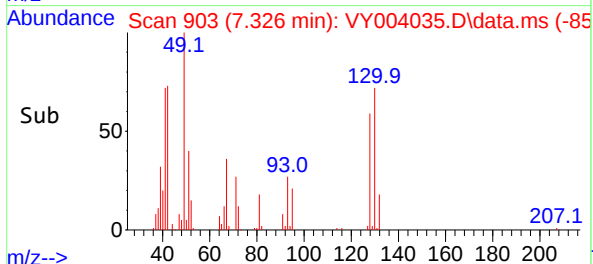
Instrument :  
MSVOA\_Y  
ClientSampled :  
ICVY022221



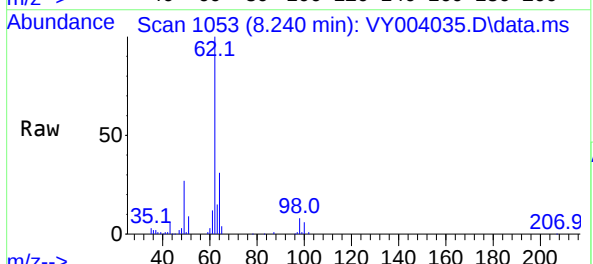
Tgt Ion: 41 Resp: 21087  
Ion Ratio Lower Upper  
41 100  
39 0.0 91.2 136.8#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

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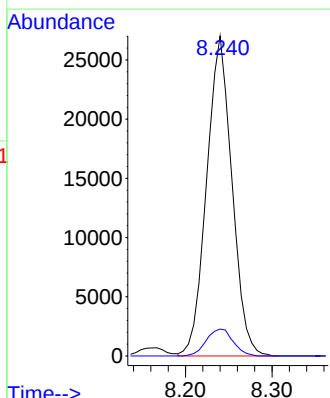
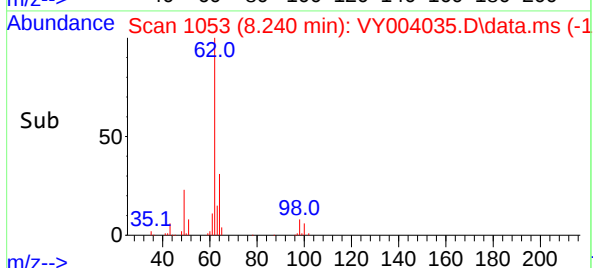
MMDadoda  
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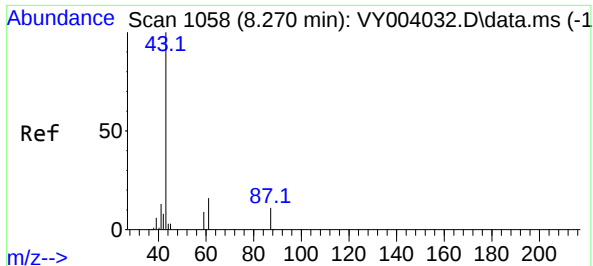


#42  
1,2-Dichloroethane  
Concen: 48.26 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

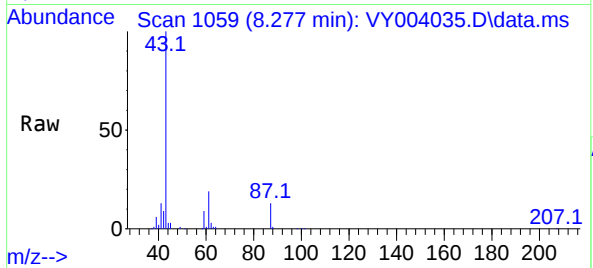


Tgt Ion: 62 Resp: 54889  
Ion Ratio Lower Upper  
62 100  
98 8.9 0.0 17.0



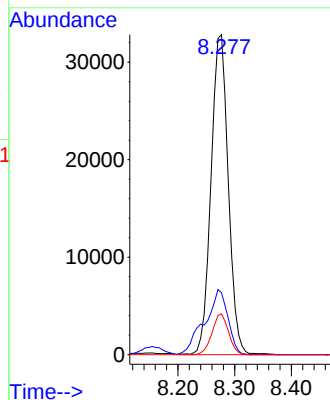
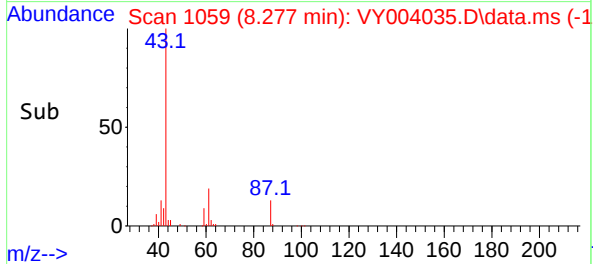


#43  
Isopropyl Acetate  
Concen: 49.99 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 43 Resp: 69424

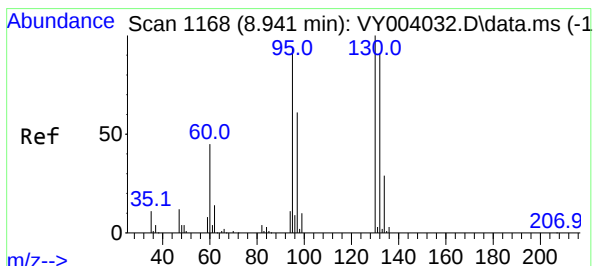
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 27.5  | 22.1  | 33.1  |
| 87  | 12.2  | 9.8   | 14.8  |



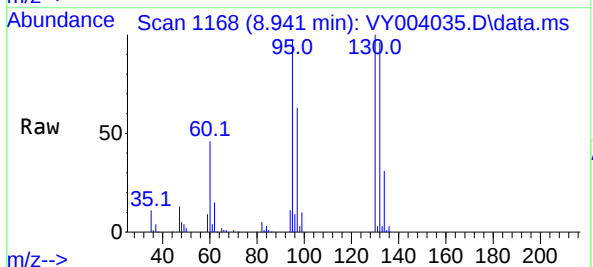
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

Manual Integrations  
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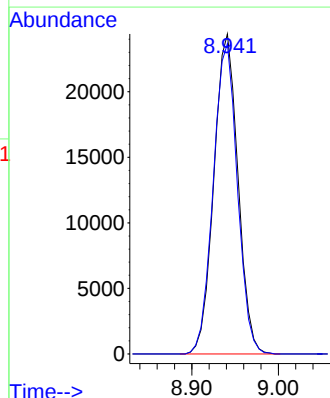
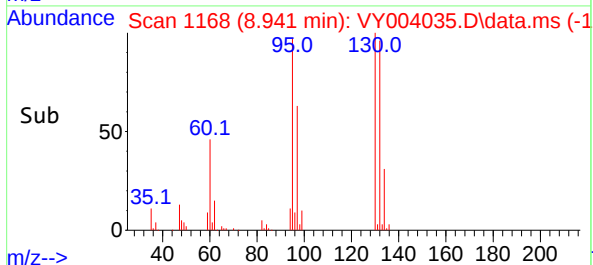


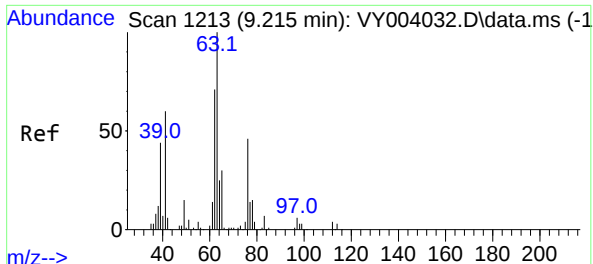
#44  
Trichloroethene  
Concen: 49.14 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 130 Resp: 46997

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 97.0  | 0.0   | 188.0 |





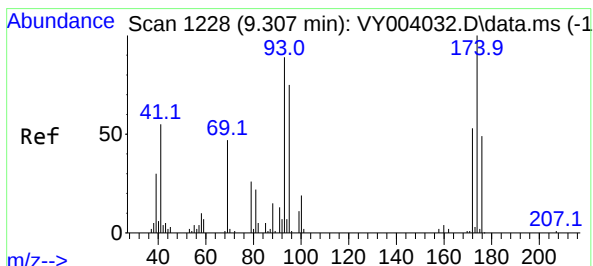
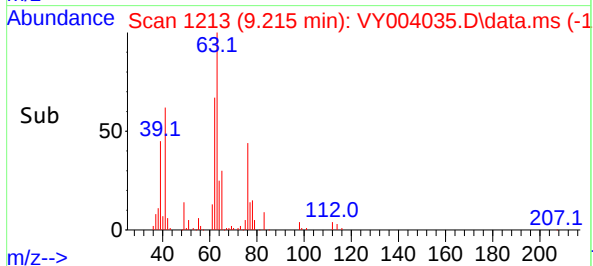
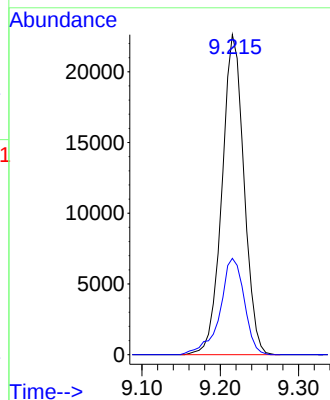
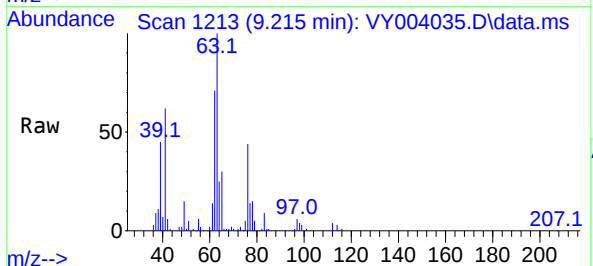
#45  
1,2-Dichloropropane  
Concen: 51.97 ug/l  
RT: 9.215 min Scan# 1213  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 63 Resp: 44104  
Ion Ratio Lower Upper  
63 100  
65 30.1 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampled :  
ICVVY022221

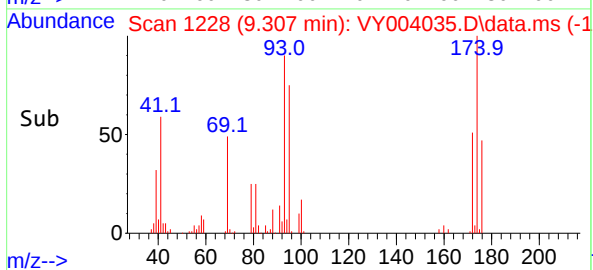
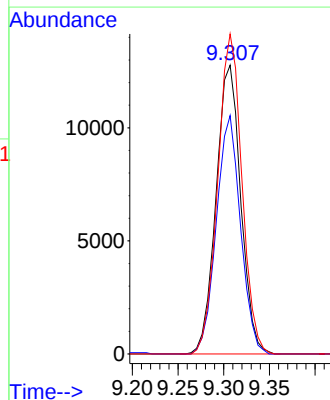
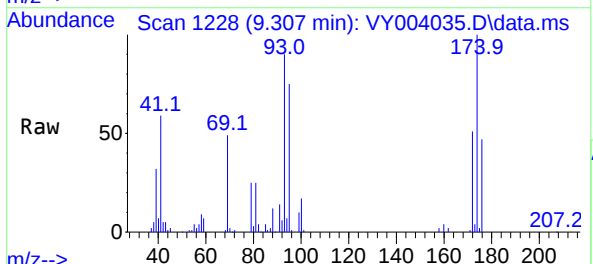
Manual Integrations  
APPROVED

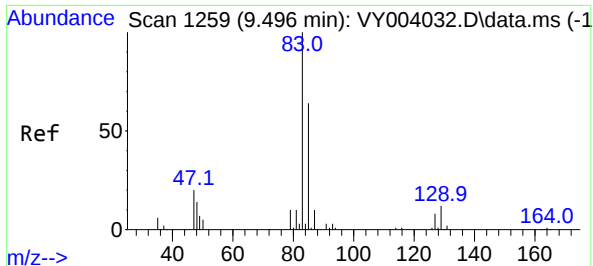
MMDadoda  
2/23/2021 1:06:43 PM



#46  
Dibromomethane  
Concen: 50.60 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 93 Resp: 24014  
Ion Ratio Lower Upper  
93 100  
95 80.6 66.3 99.5  
174 108.3 88.1 132.1





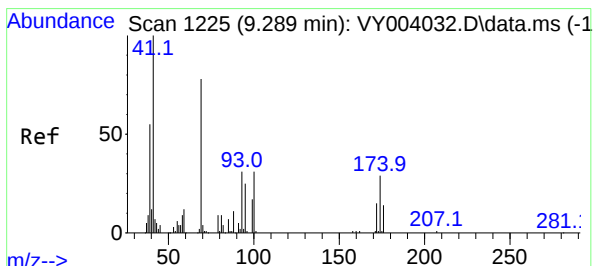
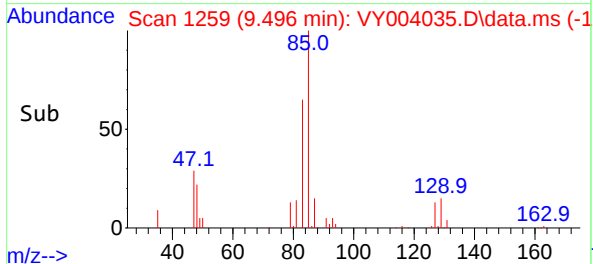
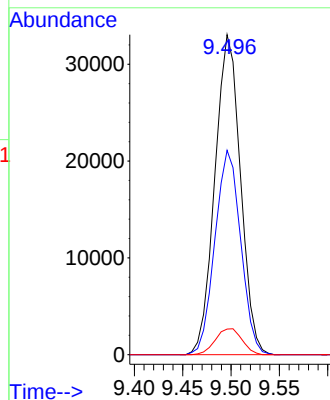
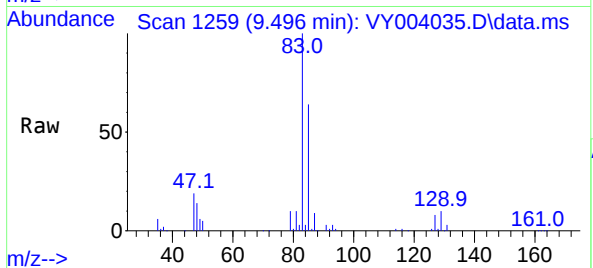
#47  
Bromodichloromethane  
Concen: 50.08 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 60782 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.9  | 51.6  | 77.4  |
| 127      | 8.0   | 6.5   | 9.7   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

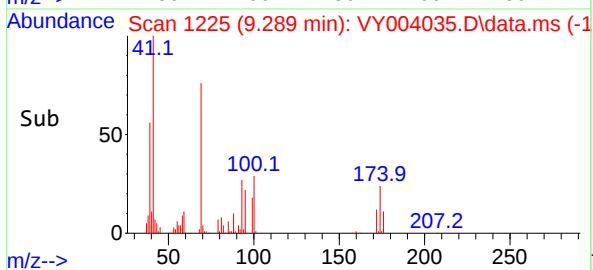
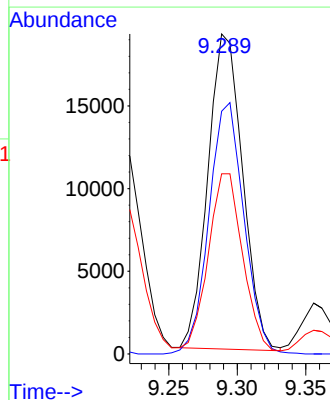
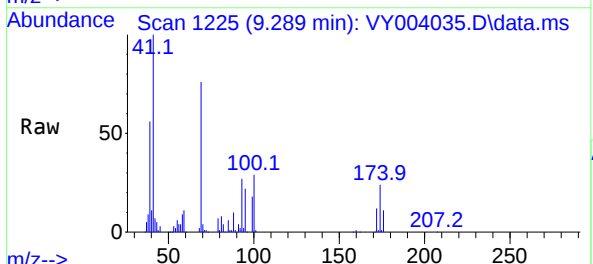
Manual Integrations  
APPROVED

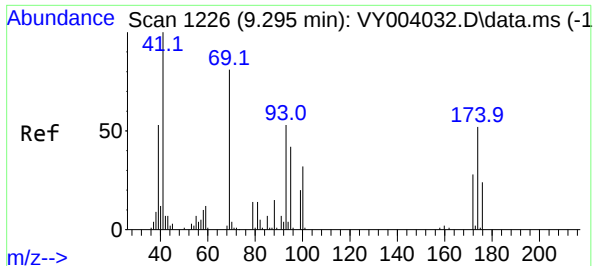
MMDadoda  
2/23/2021 1:06:43 PM



#48  
Methyl methacrylate  
Concen: 49.45 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 33588 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.5  | 65.1  | 97.7  |
| 39       | 55.7  | 44.2  | 66.2  |





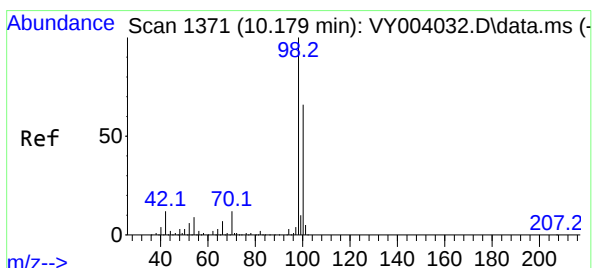
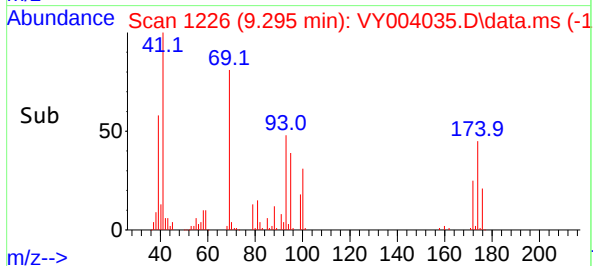
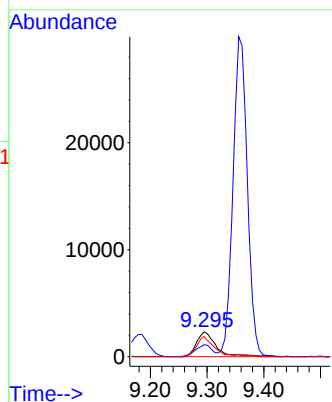
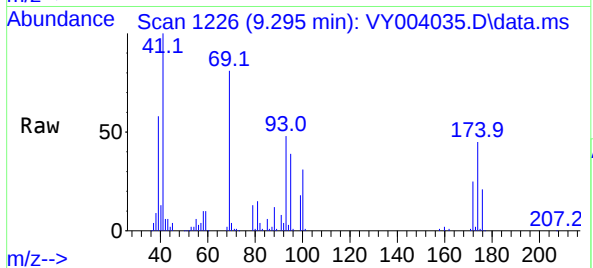
#49  
1,4-Dioxane  
Concen: 974.86 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 88 Resp: 5578  
Ion Ratio Lower Upper  
88 100  
43 40.6 32.0 48.0  
58 71.0 56.5 84.7

Instrument :  
MSVOA\_Y  
ClientSampled :  
ICVY022221

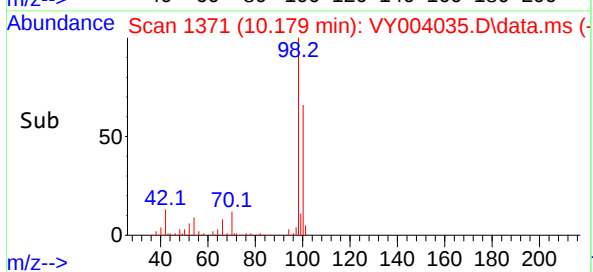
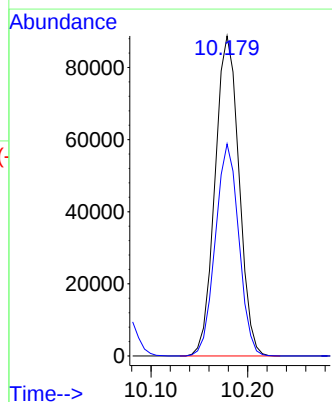
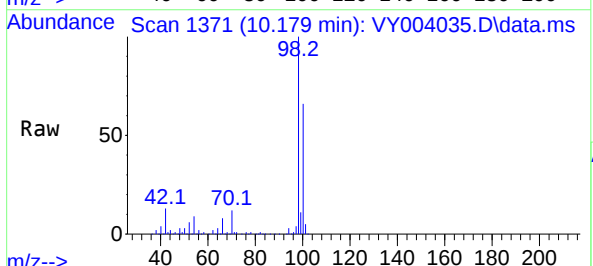
Manual Integrations  
APPROVED

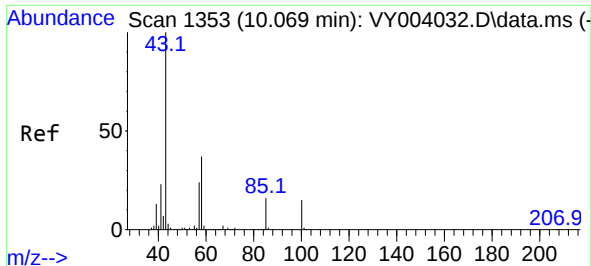
MMDadoda  
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#50  
Toluene-d8  
Concen: 50.75 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 98 Resp: 152721  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.8 77.6





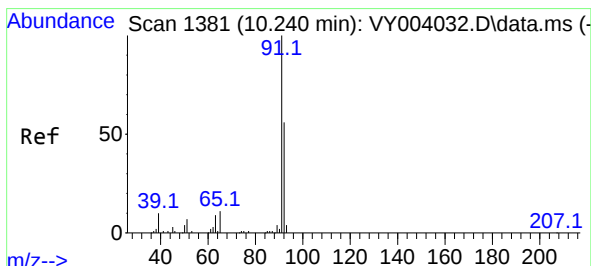
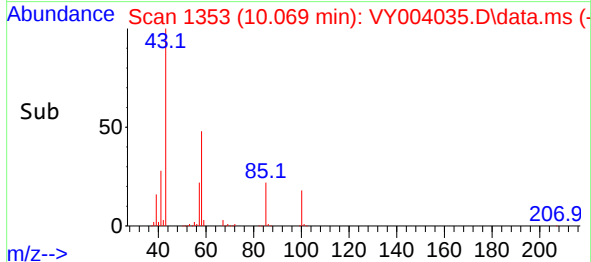
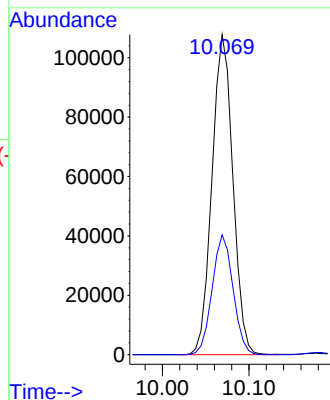
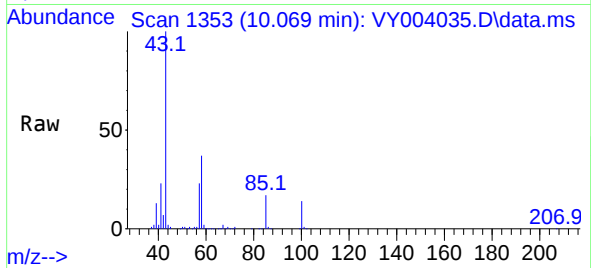
#51  
4-Methyl-2-Pentanone  
Concen: 251.88 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 43 Resp: 180684  
Ion Ratio Lower Upper  
43 100  
58 37.4 29.8 44.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

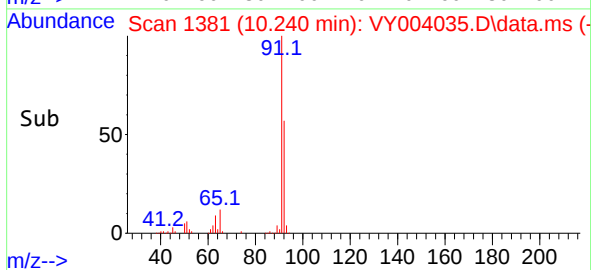
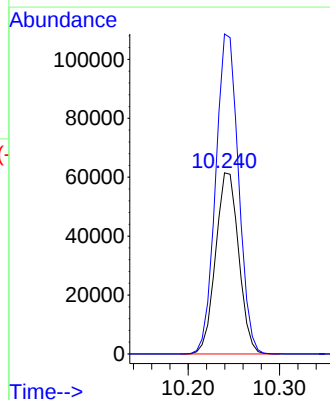
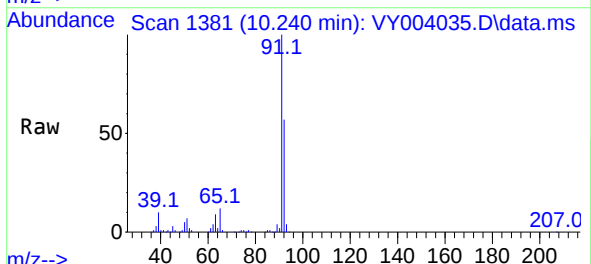
Manual Integrations  
APPROVED

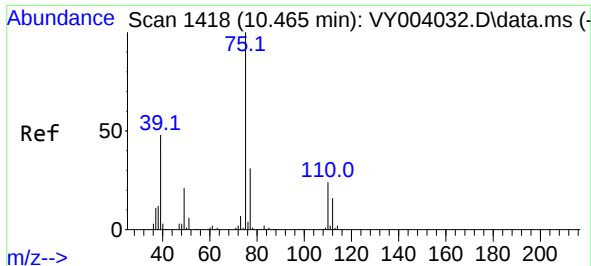
MMDadoda  
2/23/2021 1:06:43 PM



#52  
Toluene  
Concen: 49.87 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 92 Resp: 107973  
Ion Ratio Lower Upper  
92 100  
91 174.9 141.0 211.4





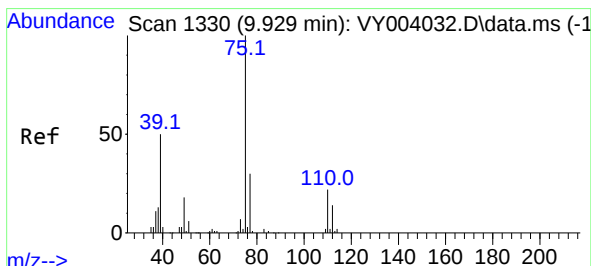
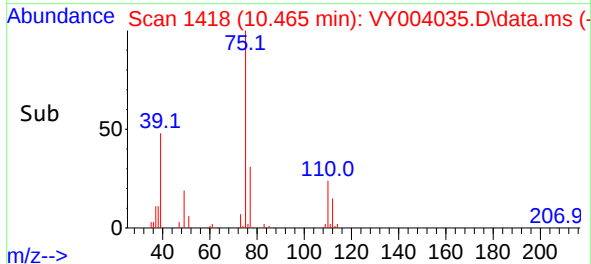
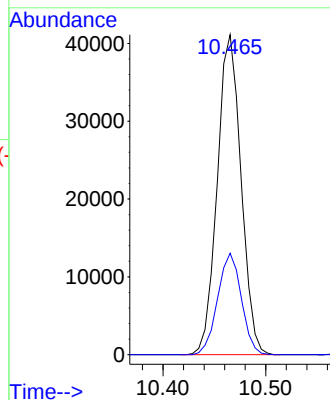
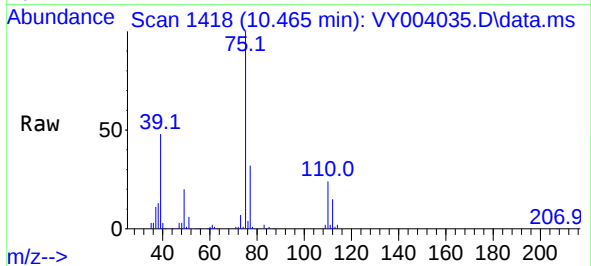
#53  
t-1,3-Dichloropropene  
Concen: 50.57 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 75 Resp: 66025  
Ion Ratio Lower Upper  
75 100  
77 31.7 24.5 36.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

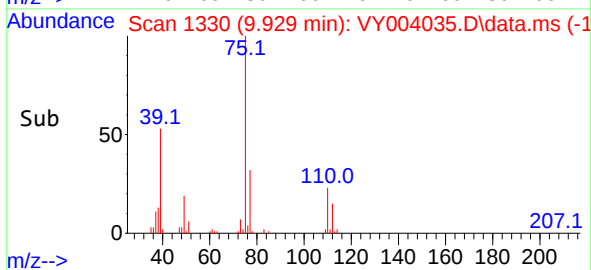
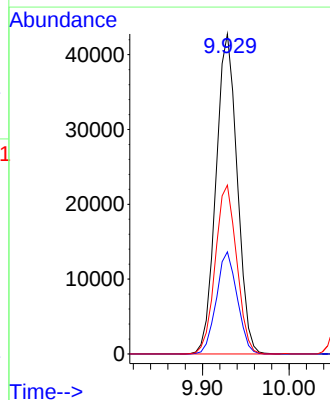
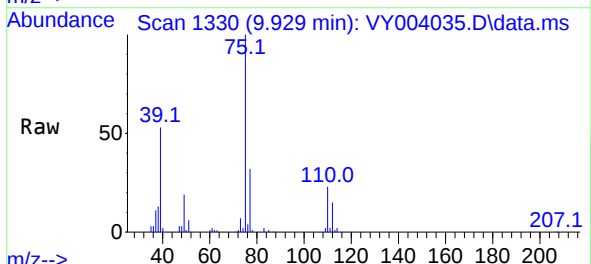
Manual Integrations  
APPROVED

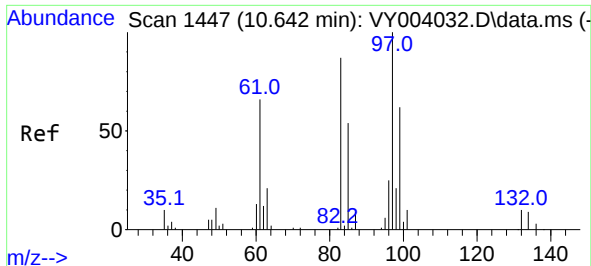
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2/23/2021 1:06:43 PM



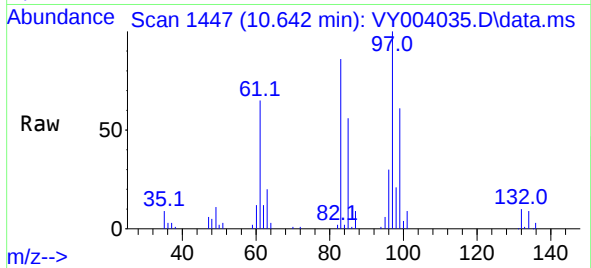
#54  
cis-1,3-Dichloropropene  
Concen: 49.76 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 75 Resp: 72713  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.2 36.4  
39 52.7 40.4 60.6



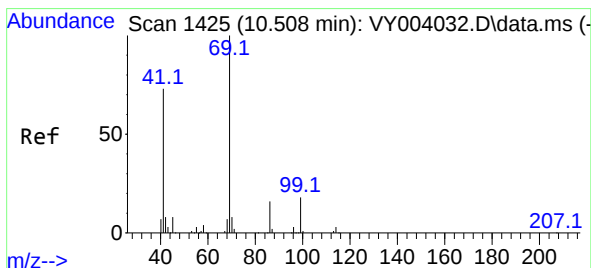
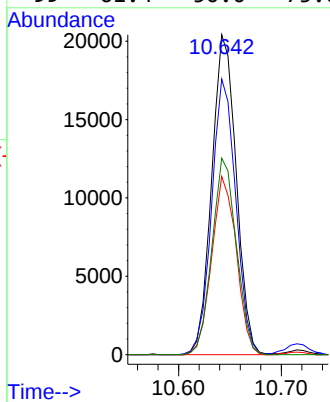
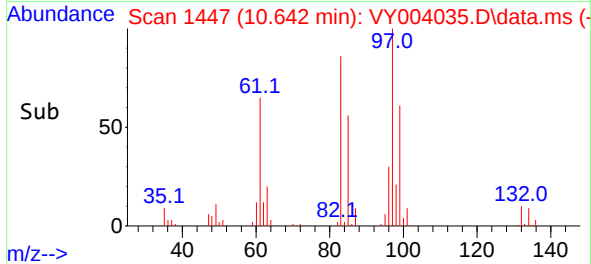


#55  
1,1,2-Trichloroethane  
Concen: 50.33 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

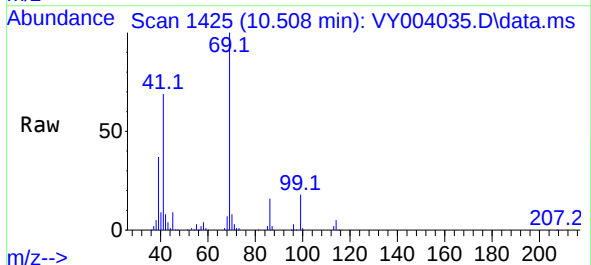


Tgt Ion: 97 Resp: 33850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.2  | 69.4  | 104.0 |
| 85  | 55.7  | 43.4  | 65.0  |
| 99  | 61.4  | 50.0  | 75.0  |

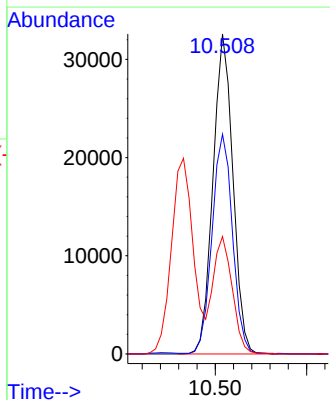
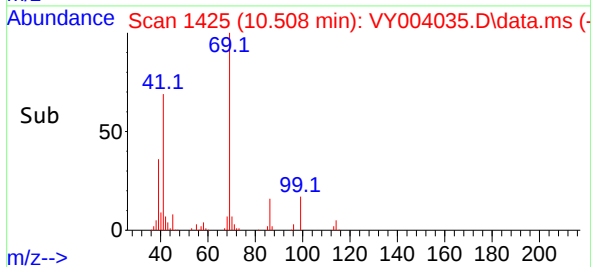


#56  
Ethyl methacrylate  
Concen: 51.37 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 69 Resp: 49339

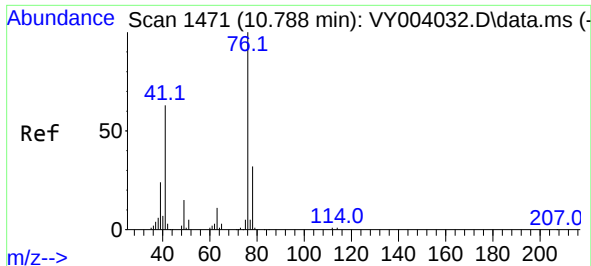
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 70.6  | 57.2  | 85.8  |
| 39  | 35.1  | 27.8  | 41.6  |



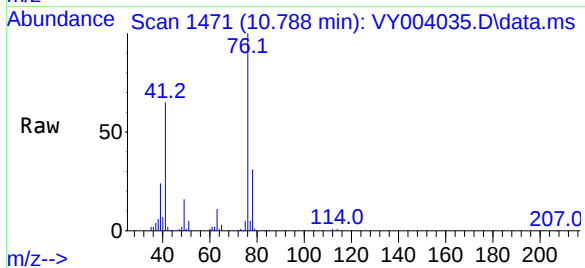
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

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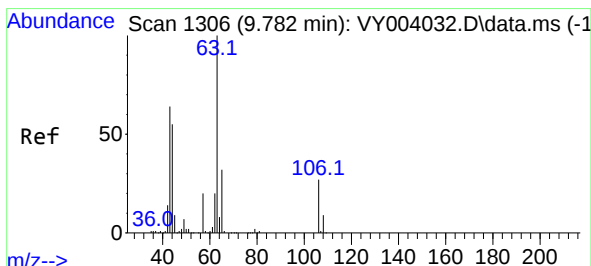
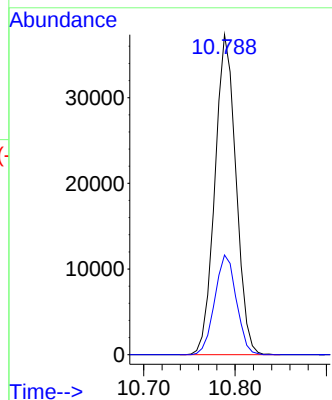
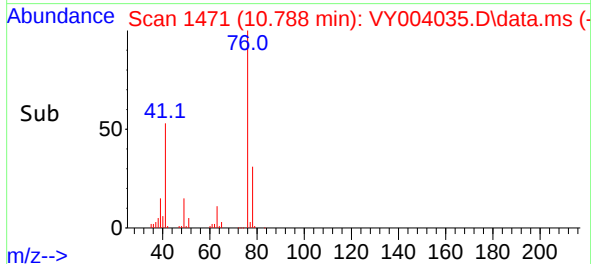
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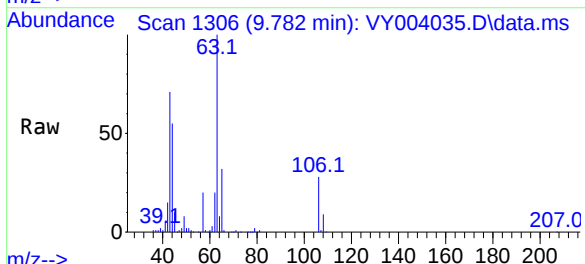
#57  
1,3-Dichloropropane  
Concen: 50.27 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



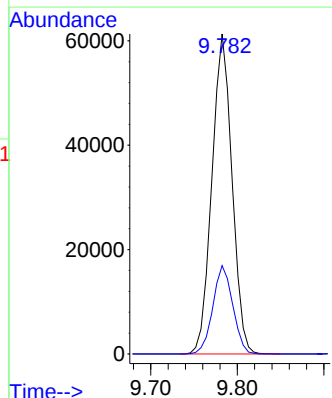
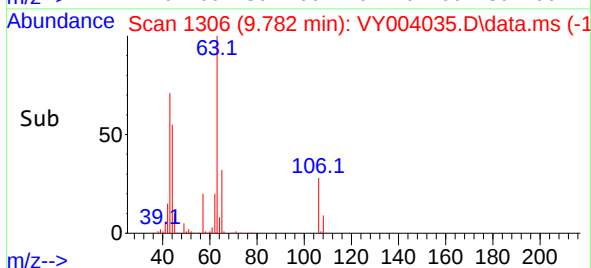
Tgt Ion: 76 Resp: 59860  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.5 38.3



#58  
2-Chloroethyl Vinyl ether  
Concen: 226.88 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



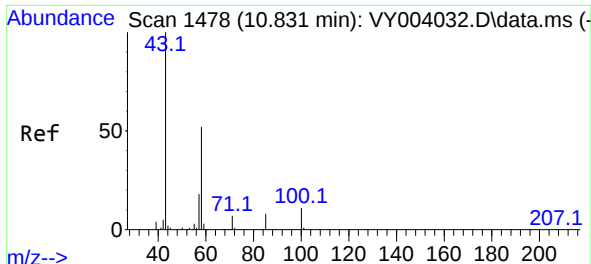
Tgt Ion: 63 Resp: 98833  
Ion Ratio Lower Upper  
63 100  
106 27.3 22.1 33.1



Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

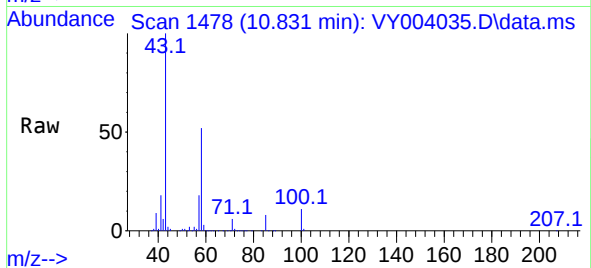
Manual Integrations  
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#59  
2-Hexanone  
Concen: 249.48 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

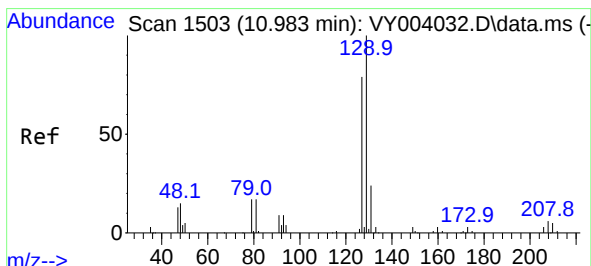
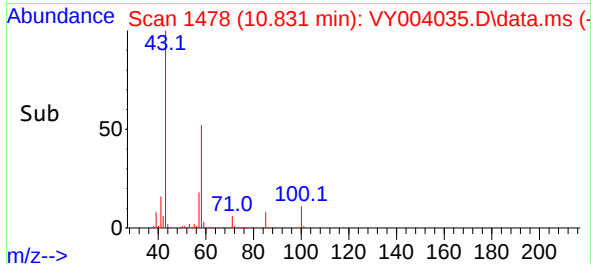
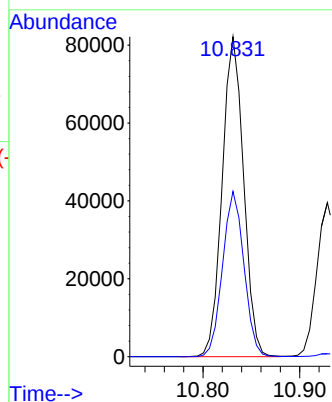
Instrument :  
MSVOA\_Y  
ClientSampled :  
ICVY022221



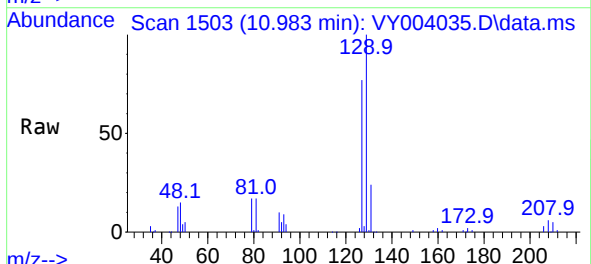
Tgt Ion: 43 Resp: 126135  
Ion Ratio Lower Upper  
43 100  
58 51.6 26.5 79.4

Manual Integrations  
APPROVED

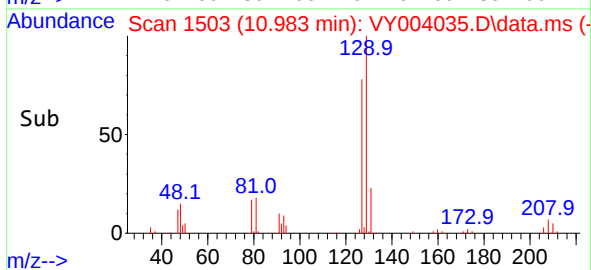
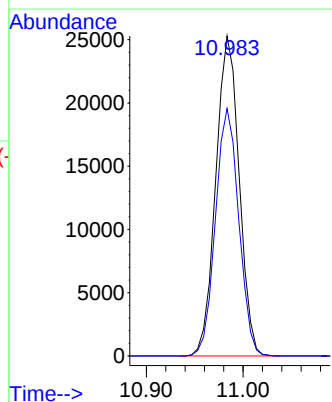
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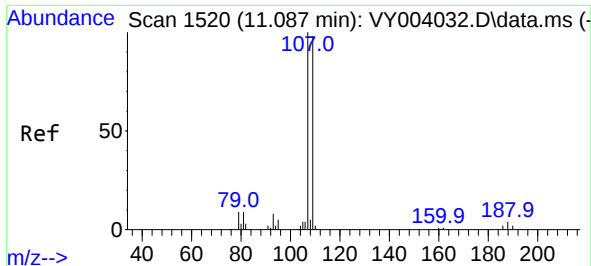


#60  
Dibromochloromethane  
Concen: 49.91 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

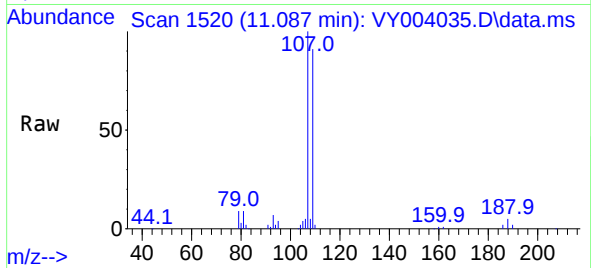


Tgt Ion: 129 Resp: 42359  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.0 117.0

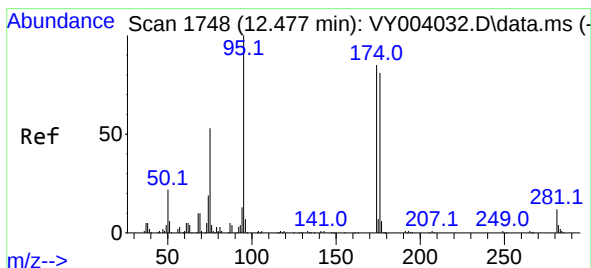
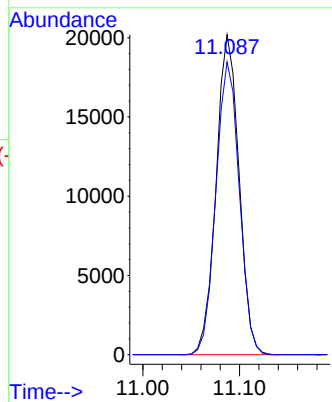
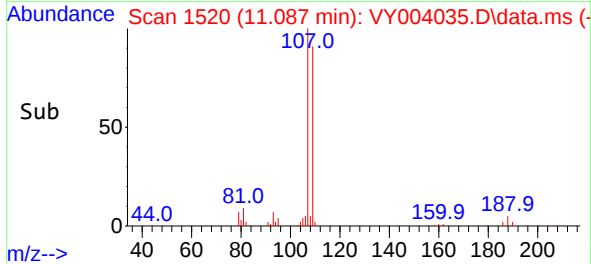




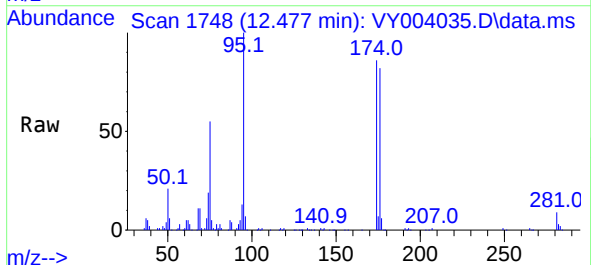
#61  
1,2-Dibromoethane  
Concen: 50.24 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



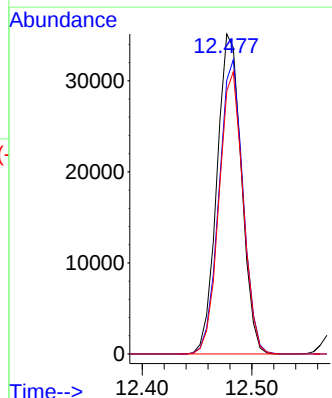
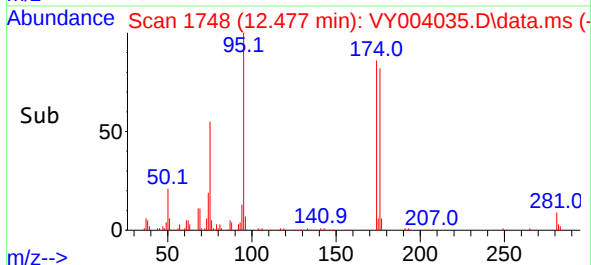
Tgt Ion:107 Resp: 33130  
Ion Ratio Lower Upper  
107 100  
109 93.5 76.7 115.1



#62  
4-Bromofluorobenzene  
Concen: 51.32 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



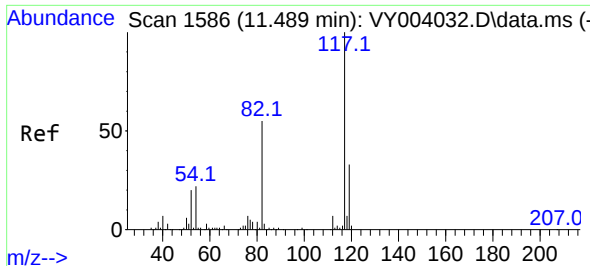
Tgt Ion: 95 Resp: 54562  
Ion Ratio Lower Upper  
95 100  
174 90.1 0.0 179.0  
176 86.3 0.0 174.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

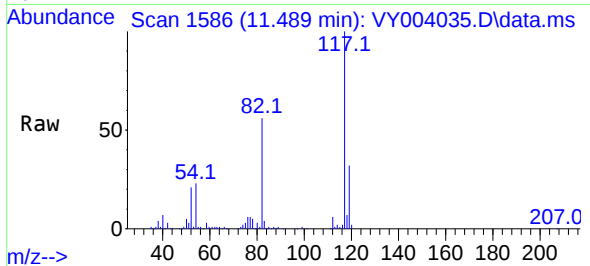
Manual Integrations  
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#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

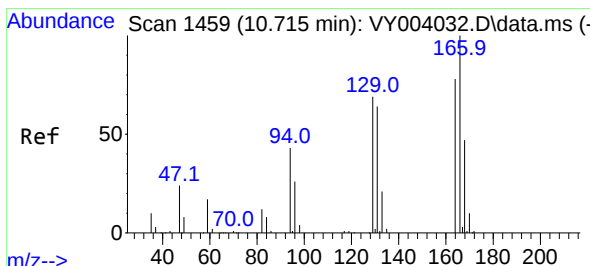
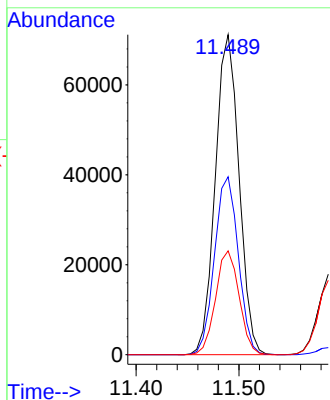
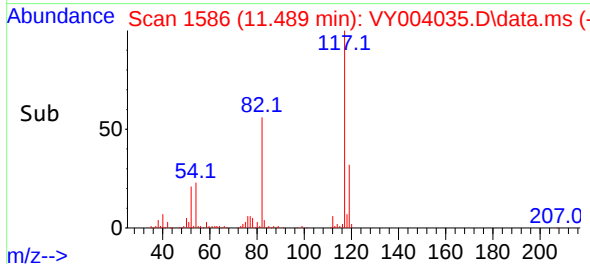
Instrument :  
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ClientSampleId :  
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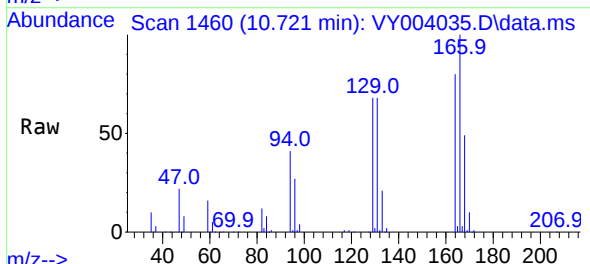
Tgt Ion:117 Resp: 114182  
Ion Ratio Lower Upper  
117 100  
82 55.6 43.8 65.6  
119 32.5 26.2 39.2

Manual Integrations  
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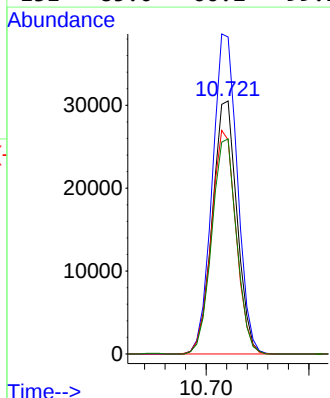
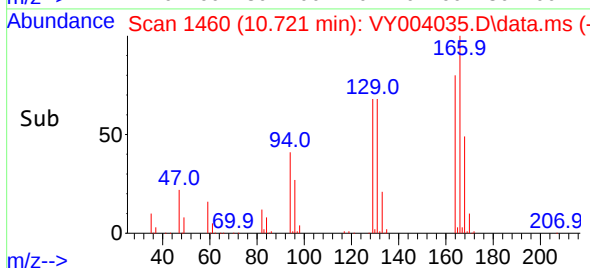
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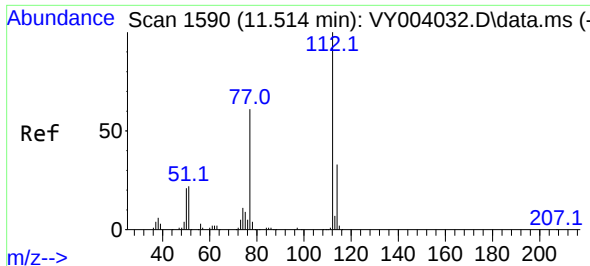


#64  
Tetrachloroethene  
Concen: 48.33 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



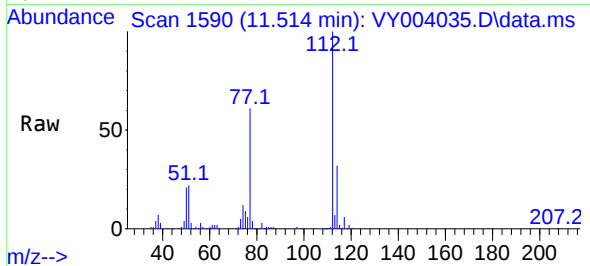
Tgt Ion:164 Resp: 50869  
Ion Ratio Lower Upper  
164 100  
166 125.3 102.7 154.1  
129 84.6 70.6 105.8  
131 85.0 66.2 99.2





#65  
Chlorobenzene  
Concen: 49.35 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

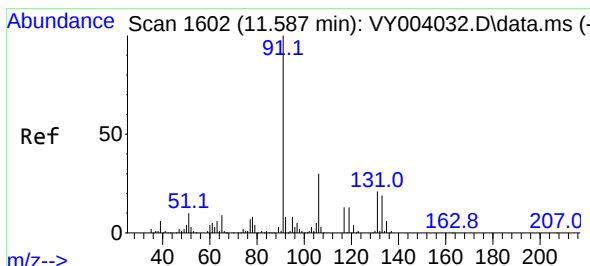
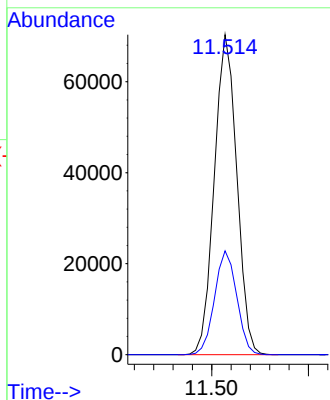
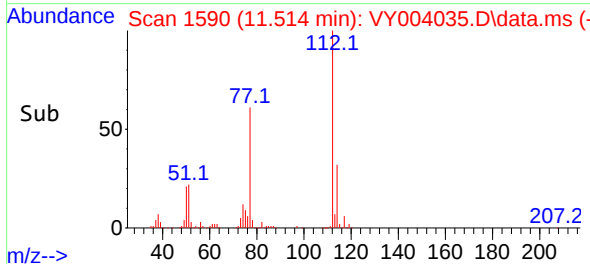
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221



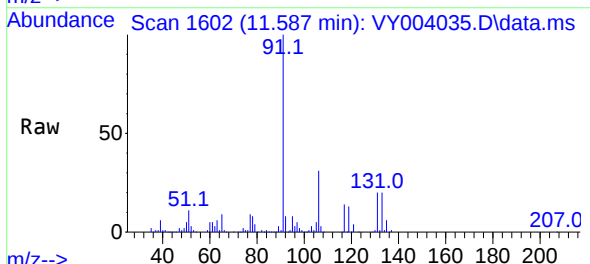
Tgt Ion:112 Resp: 113502  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.5 39.7

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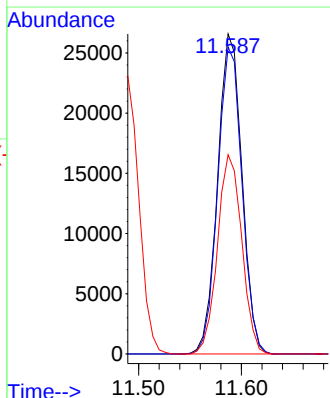
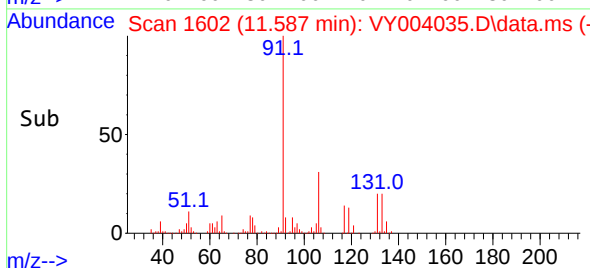
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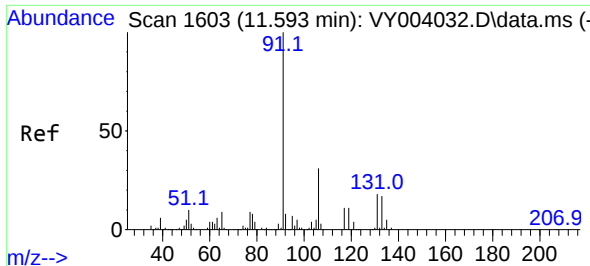


#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.73 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



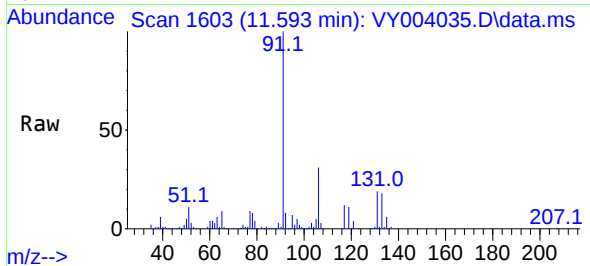
Tgt Ion:131 Resp: 43698  
Ion Ratio Lower Upper  
131 100  
133 95.4 48.1 144.3  
119 62.2 31.5 94.5





#67  
Ethyl Benzene  
Concen: 49.20 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

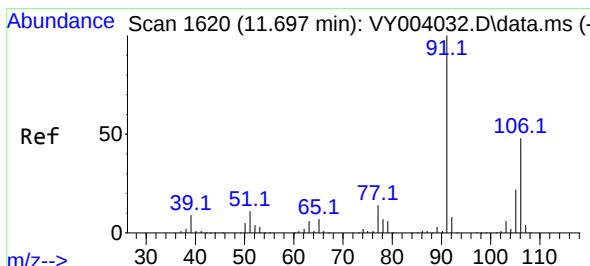
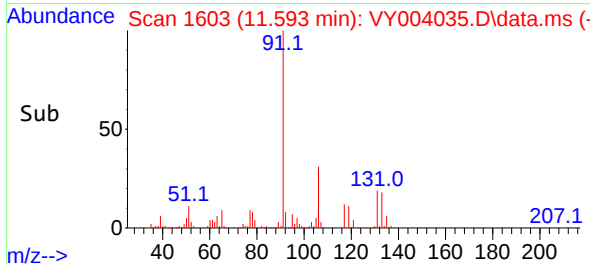
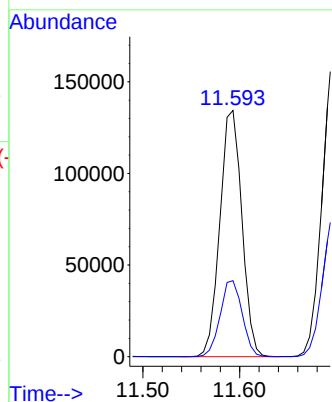
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221



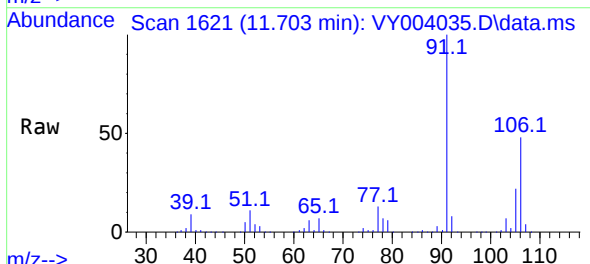
Tgt Ion: 91 Resp: 212278  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.5 36.7

Manual Integrations  
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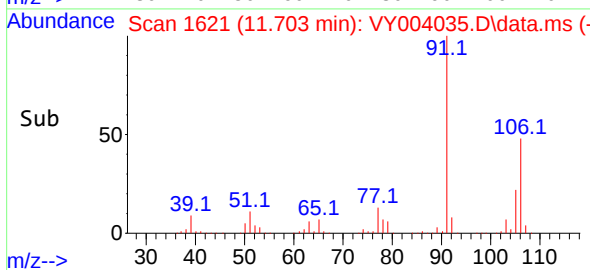
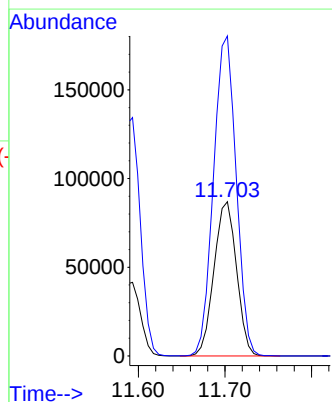
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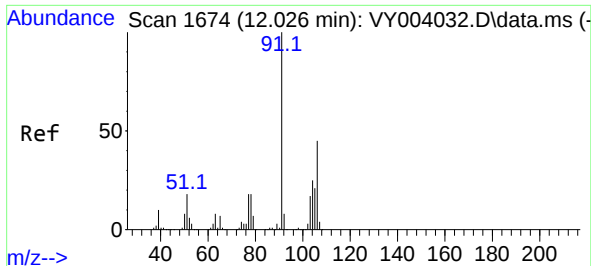


#68  
m/p-Xylenes  
Concen: 98.74 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 106 Resp: 157153  
Ion Ratio Lower Upper  
106 100  
91 208.8 165.4 248.0





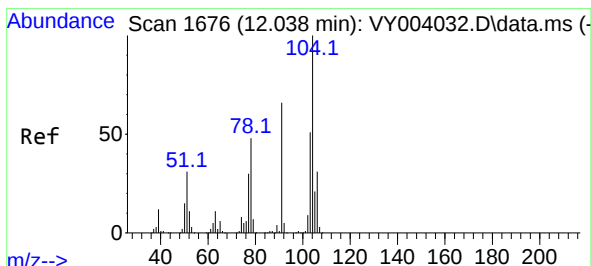
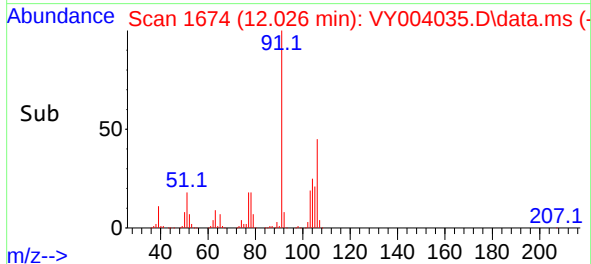
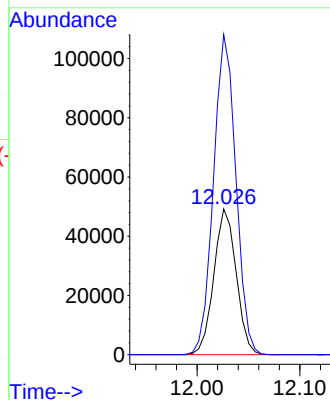
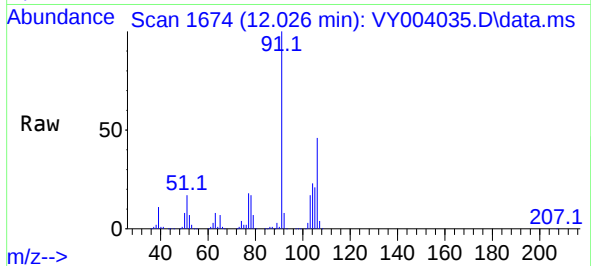
#69  
o-Xylene  
Concen: 49.74 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion:106 Resp: 74381  
Ion Ratio Lower Upper  
106 100  
91 219.6 108.9 326.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

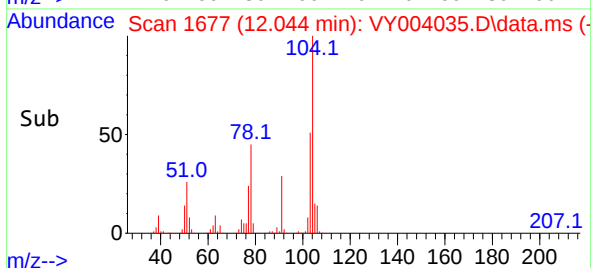
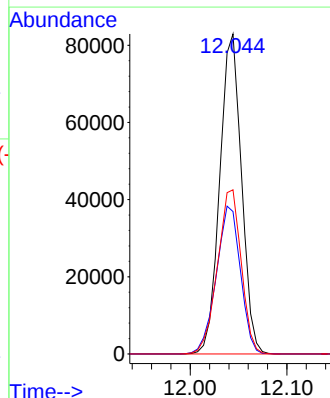
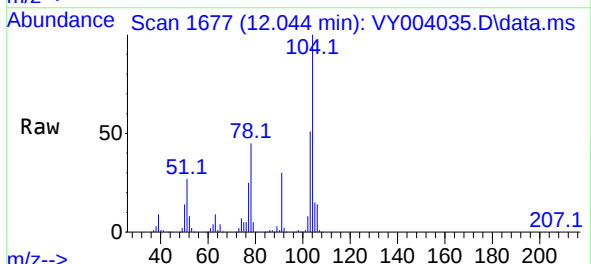
Manual Integrations  
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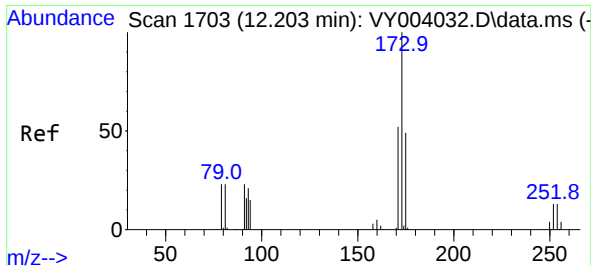
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#70  
Styrene  
Concen: 50.29 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion:104 Resp: 129178  
Ion Ratio Lower Upper  
104 100  
78 51.4 41.1 61.7  
103 56.1 43.9 65.9





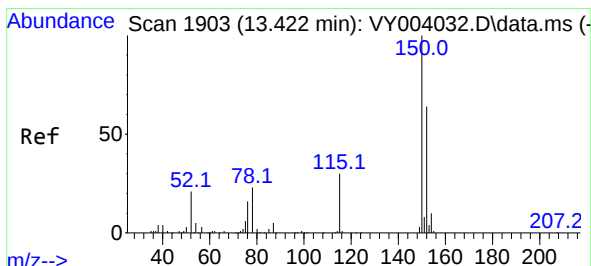
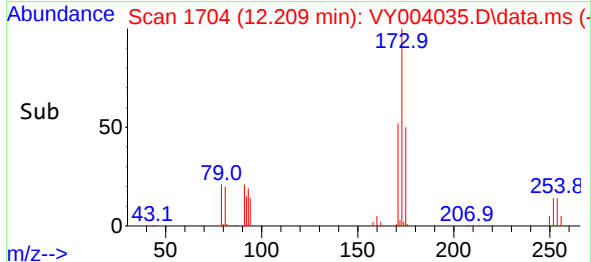
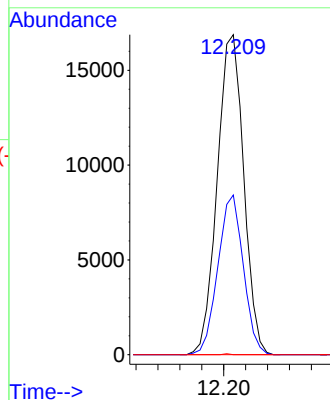
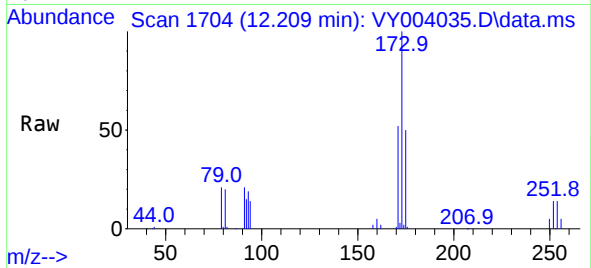
#71  
Bromoform  
Concen: 50.37 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion:173 Resp: 28307  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.1 72.4  
254 0.1 0.1 0.1#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221

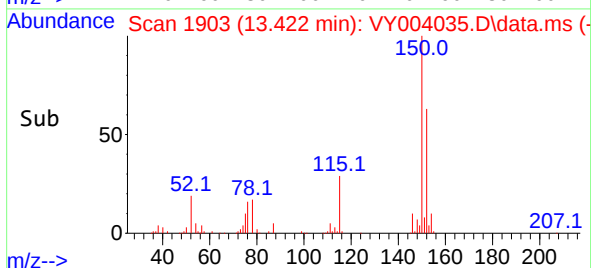
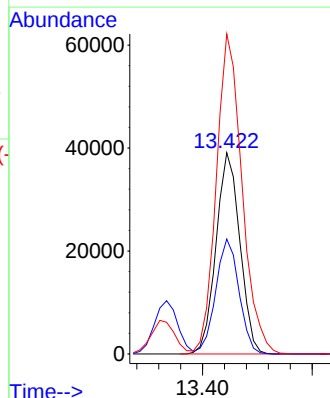
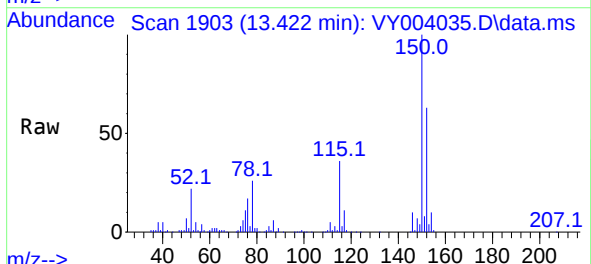
Manual Integrations  
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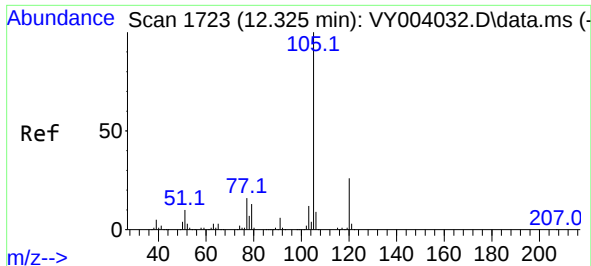
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

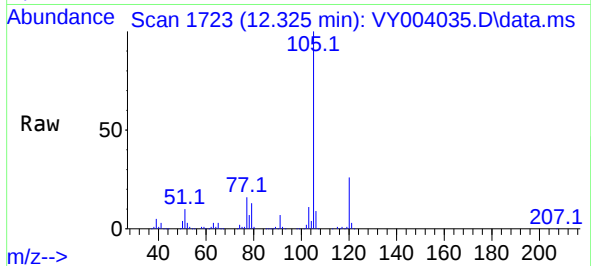
Tgt Ion:152 Resp: 58988  
Ion Ratio Lower Upper  
152 100  
115 55.9 28.2 84.6  
150 171.8 0.0 347.2





#73  
Isopropylbenzene  
Concen: 48.91 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

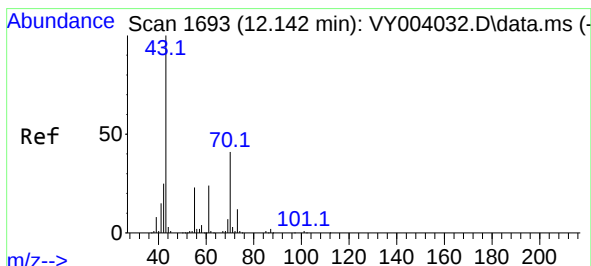
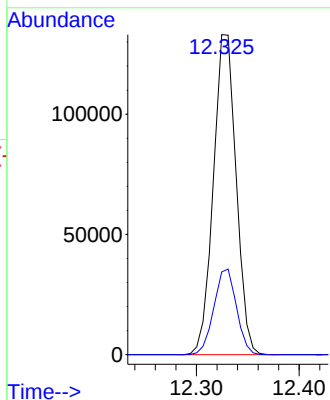
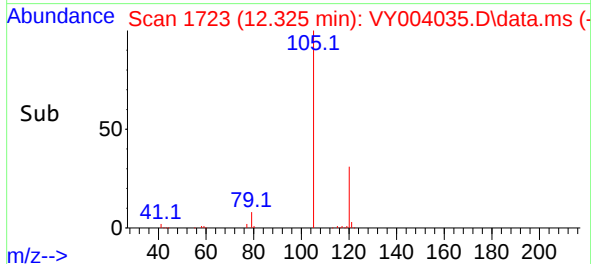
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ClientSampleId :  
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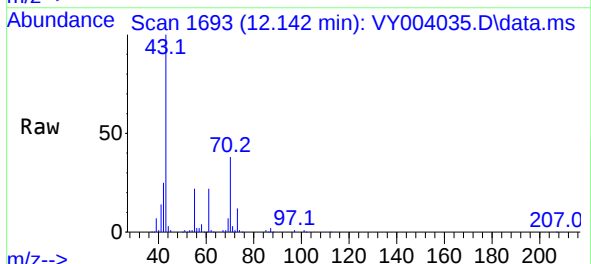
Tgt Ion:105 Resp: 204814  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.3 39.9

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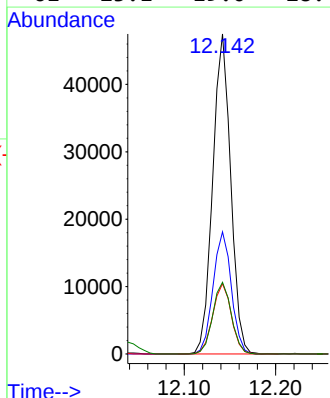
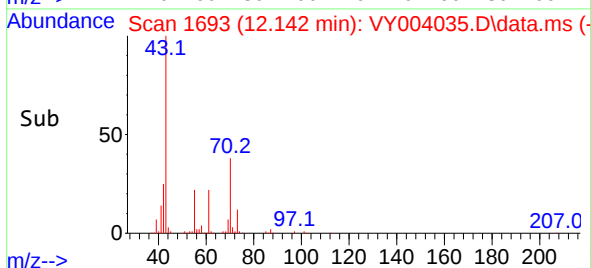
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2/23/2021 1:06:43 PM

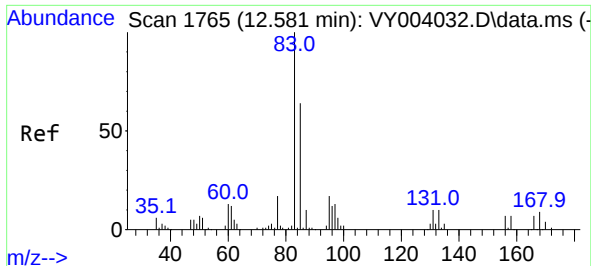


#74  
N-ethyl acetate  
Concen: 51.19 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion: 43 Resp: 64759  
Ion Ratio Lower Upper  
43 100  
70 38.9 32.3 48.5  
55 22.8 18.4 27.6  
61 23.1 19.0 28.4





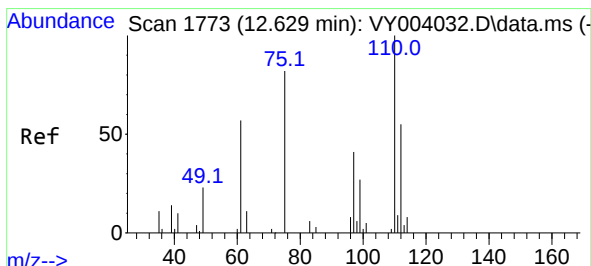
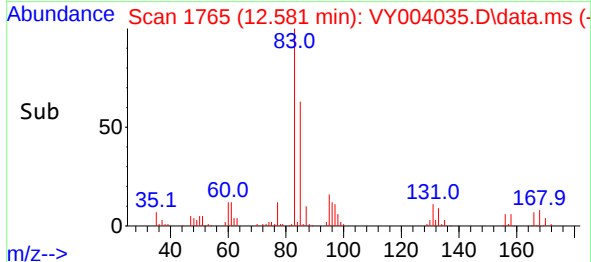
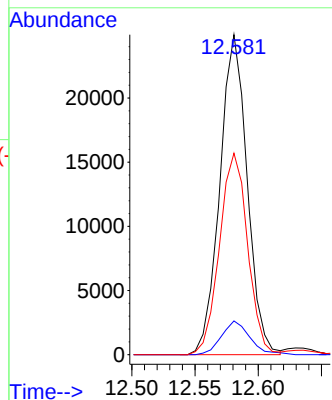
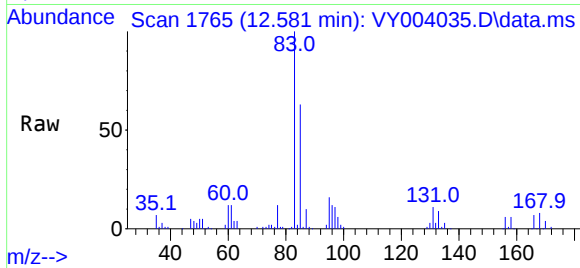
#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.12 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 83 Resp: 37451  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.5 16.4  
85 64.8 31.6 95.0

Instrument :  
MSVOA\_Y  
ClientSampled :  
ICVY022221

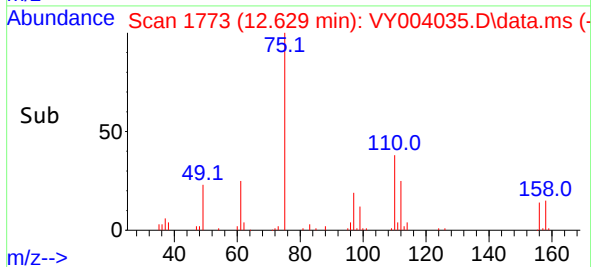
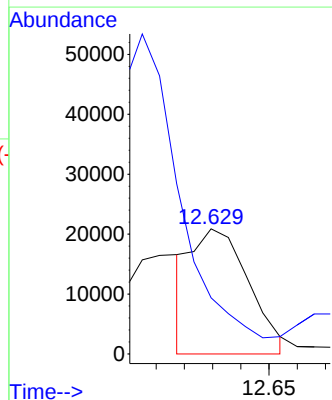
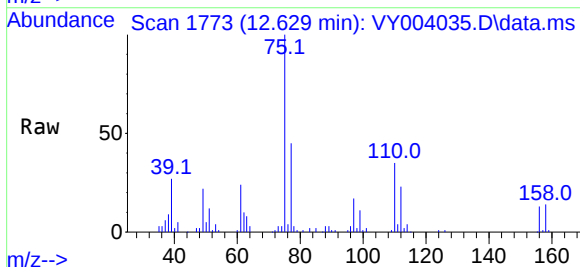
Manual Integrations  
APPROVED

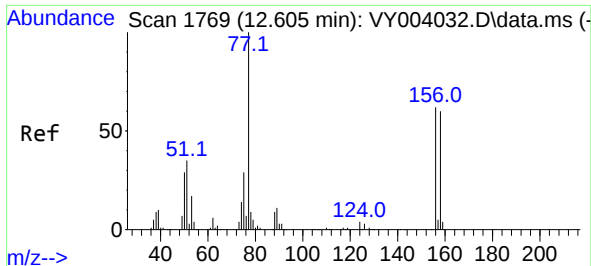
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#76  
1,2,3-Trichloropropane  
Concen: 49.76 ug/l m  
RT: 12.629 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 75 Resp: 29462  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





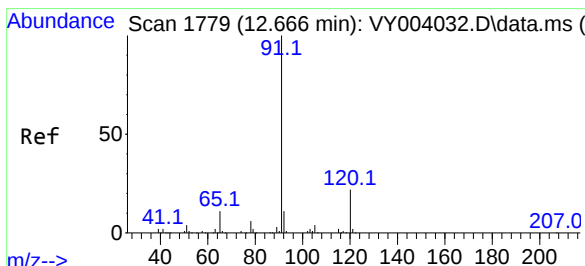
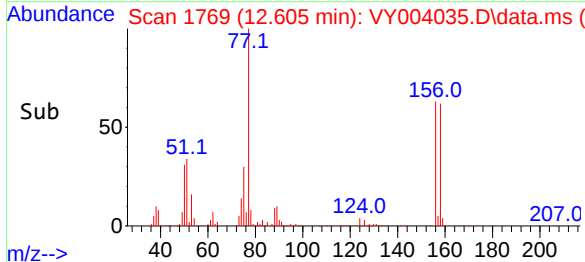
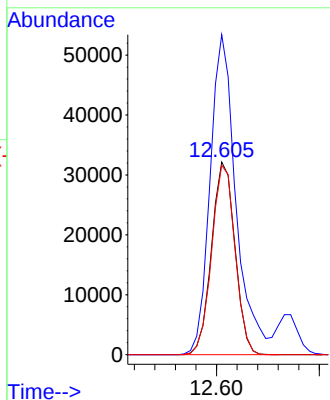
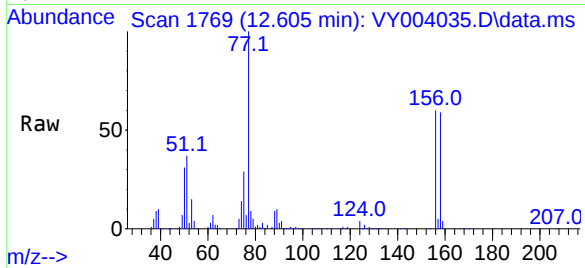
#77  
Bromobenzene  
Concen: 49.26 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 156 Resp: 50777  
Ion Ratio Lower Upper  
156 100  
77 182.7 90.5 271.3  
158 98.2 48.9 146.6

Instrument :  
MSVOA\_Y  
ClientSampled :  
ICVVY022221

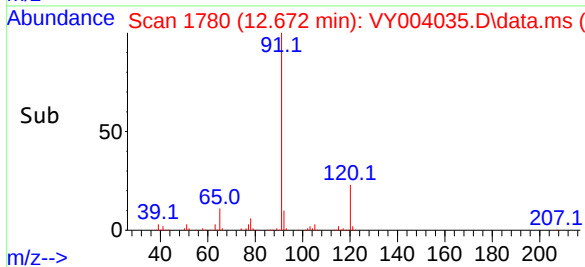
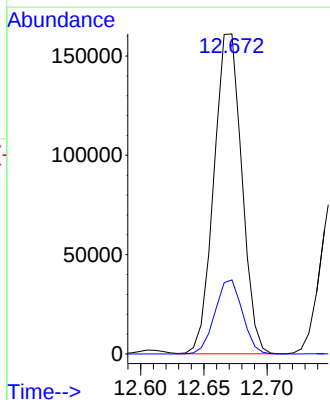
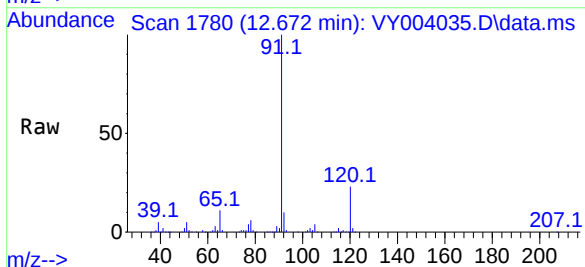
Manual Integrations  
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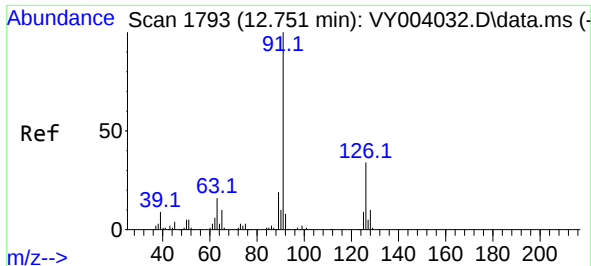
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#78  
n-propylbenzene  
Concen: 49.23 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 91 Resp: 246870  
Ion Ratio Lower Upper  
91 100  
120 22.8 11.3 33.9





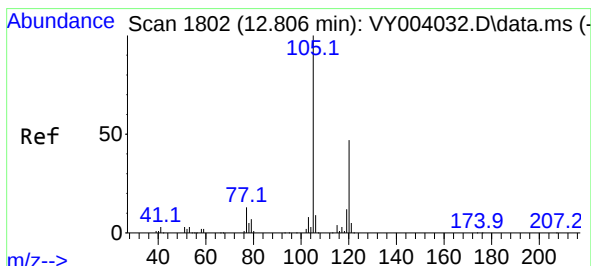
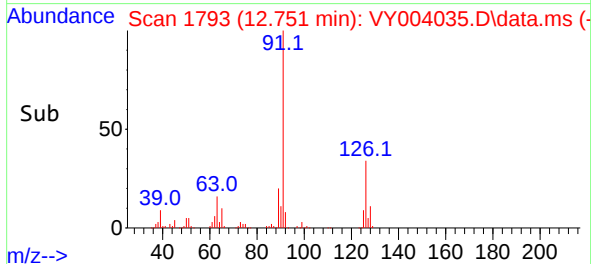
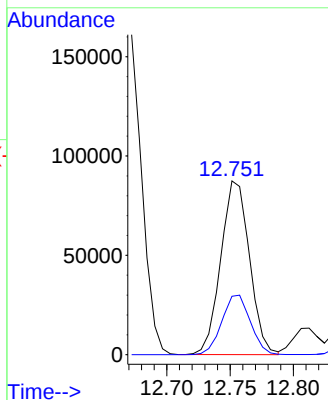
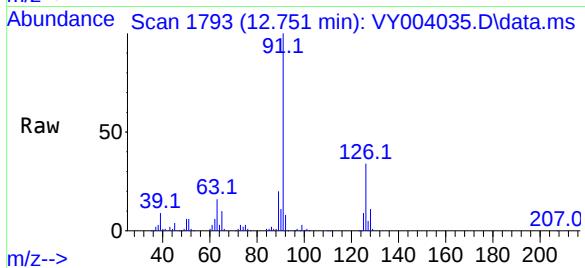
#79  
2-Chlorotoluene  
Concen: 48.57 ug/l  
RT: 12.751 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 91 Resp: 138149  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.0 51.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

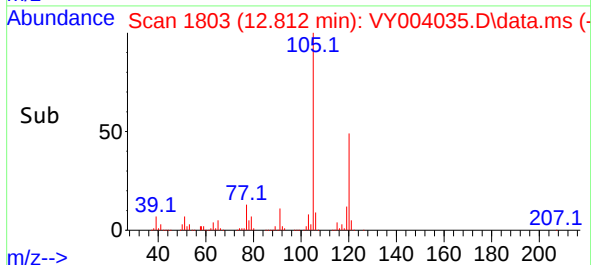
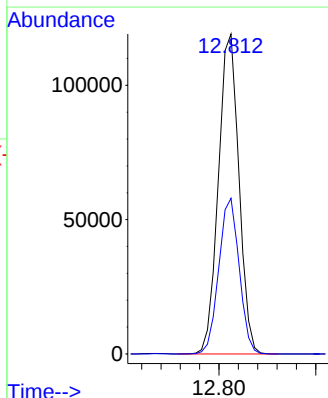
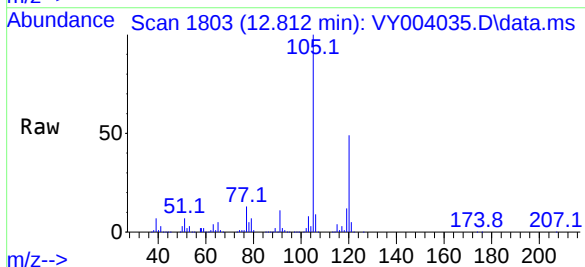
Manual Integrations  
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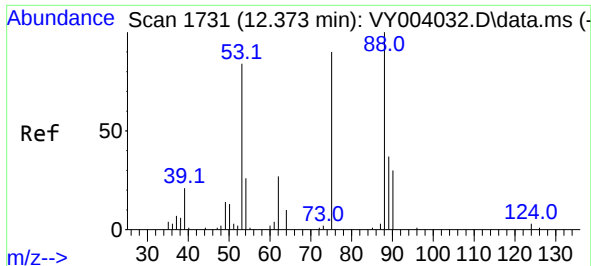
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#80  
1,3,5-Trimethylbenzene  
Concen: 49.09 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 105 Resp: 175373  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.2





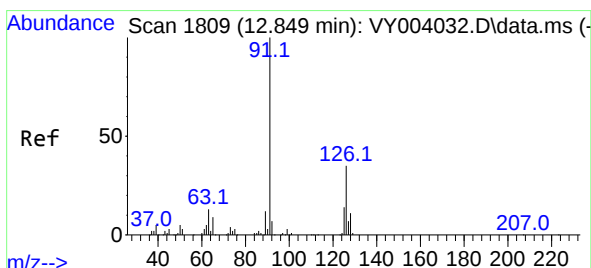
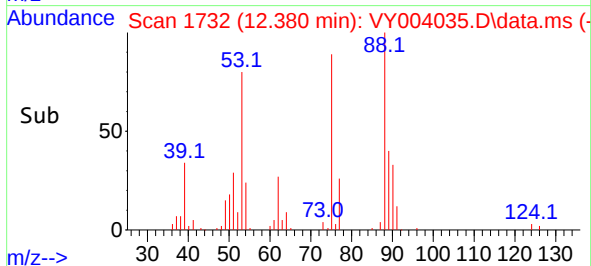
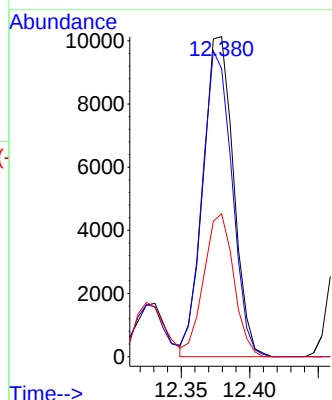
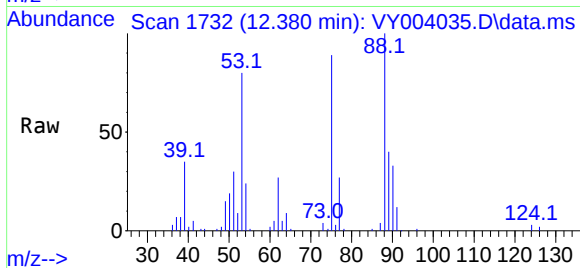
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.13 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 75 Resp: 15668  
Ion Ratio Lower Upper  
75 100  
53 93.3 73.5 110.3  
89 43.9 35.7 53.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

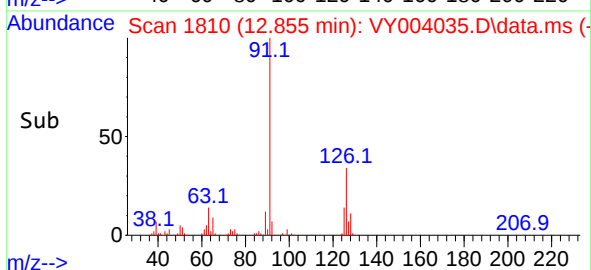
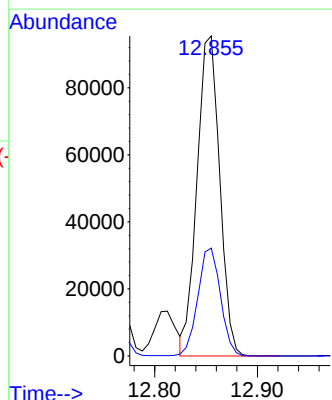
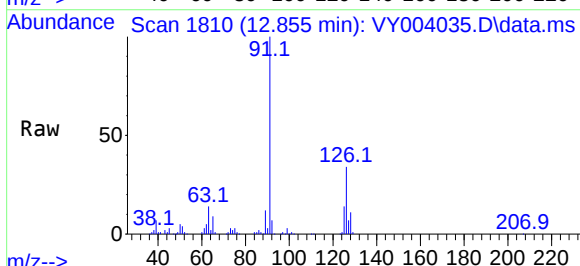
Manual Integrations  
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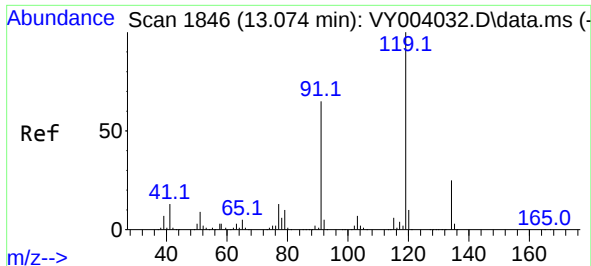
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#82  
4-Chlorotoluene  
Concen: 49.16 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion: 91 Resp: 146720  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.8 50.4





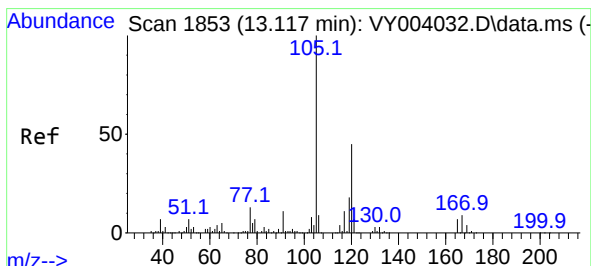
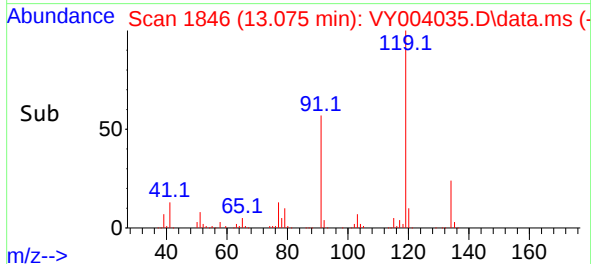
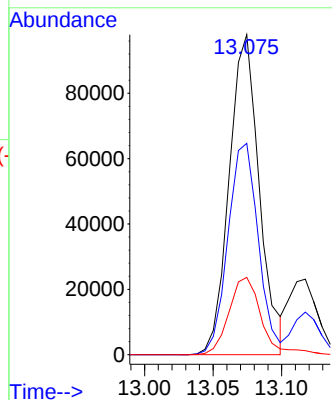
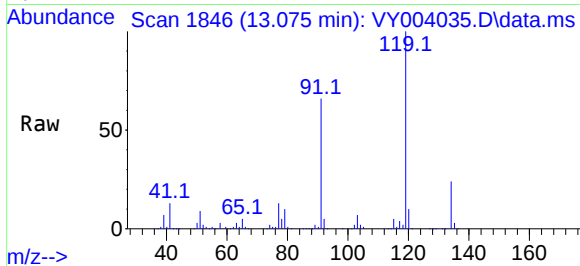
#83  
tert-Butylbenzene  
Concen: 48.96 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

Tgt Ion:119 Resp: 149801  
Ion Ratio Lower Upper  
119 100  
91 66.5 33.0 99.0  
134 26.0 12.9 38.7

Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

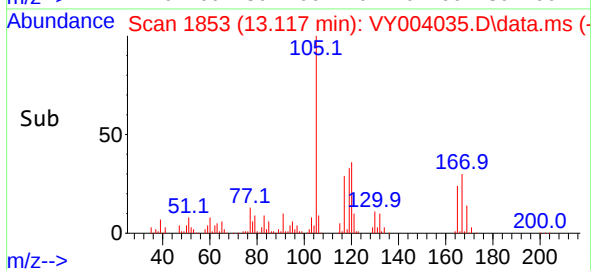
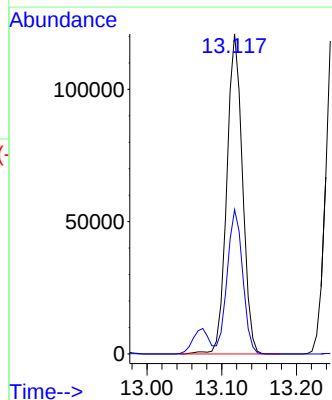
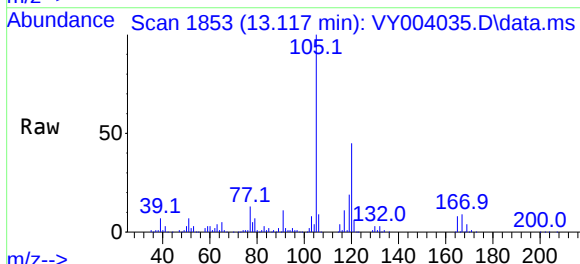
Manual Integrations  
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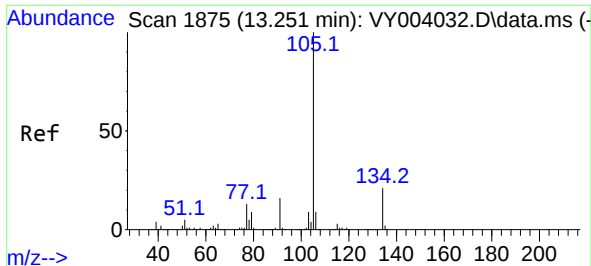
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#84  
1,2,4-Trimethylbenzene  
Concen: 49.37 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

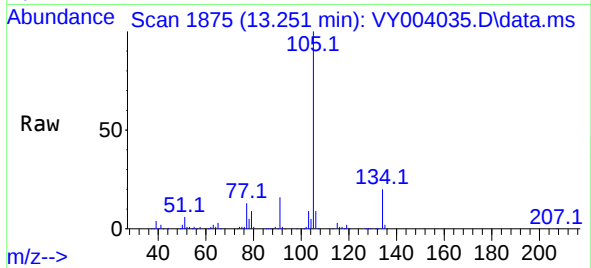
Tgt Ion:105 Resp: 176685  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.1 66.3





#85  
 sec-Butylbenzene  
 Concen: 49.42 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY004035.D  
 Acq: 22 Feb 2021 14:36

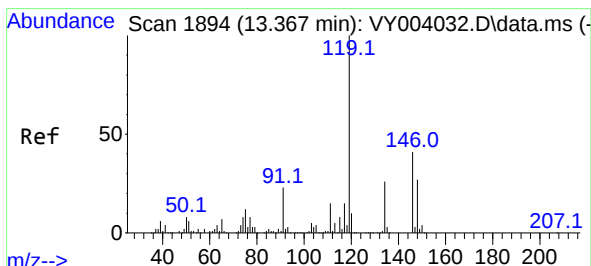
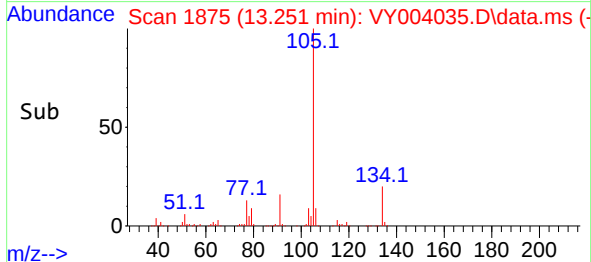
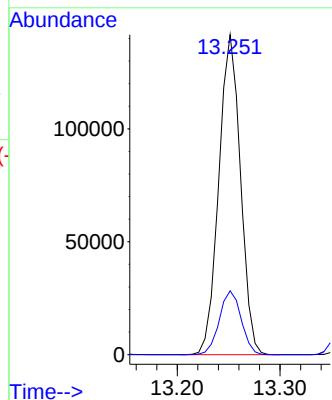
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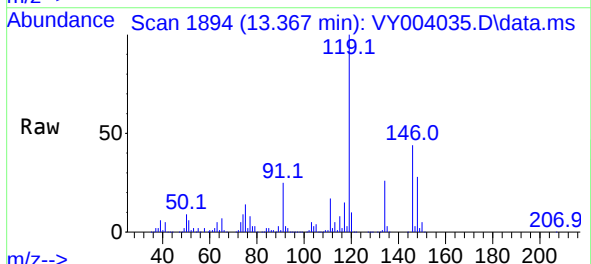
Tgt Ion:105 Resp: 207095  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.2 30.4

Manual Integrations  
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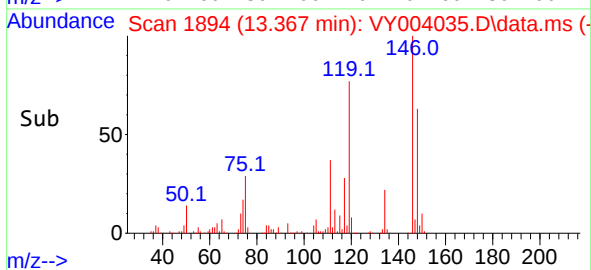
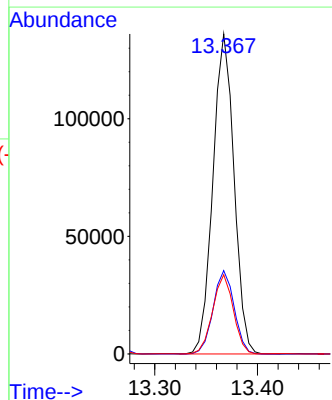
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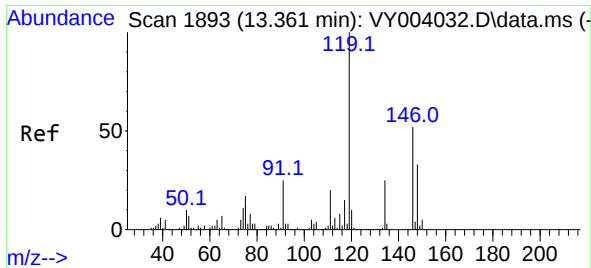


#86  
 p-Isopropyltoluene  
 Concen: 49.66 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY004035.D  
 Acq: 22 Feb 2021 14:36

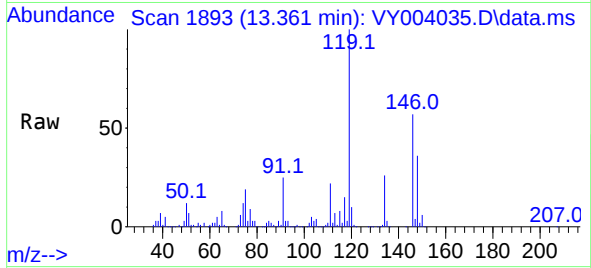


Tgt Ion:119 Resp: 193787  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.2 39.5  
 91 24.3 12.1 36.3

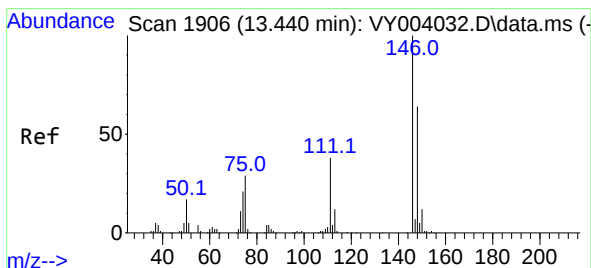
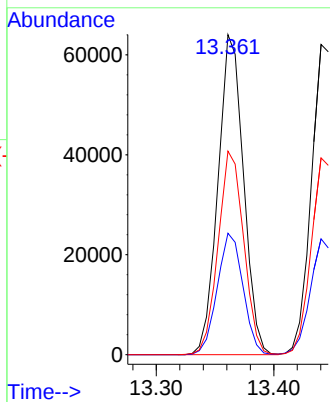
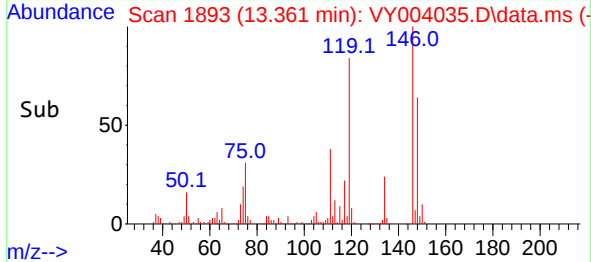




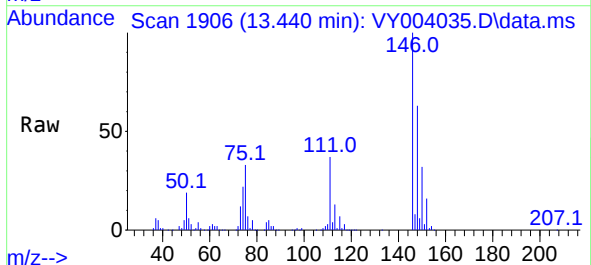
#87  
1,3-Dichlorobenzene  
Concen: 49.24 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



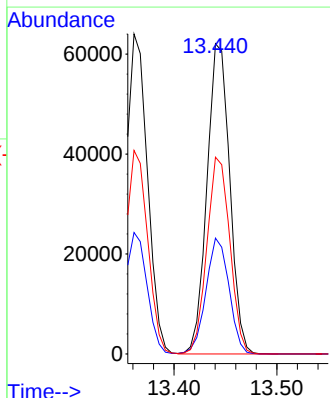
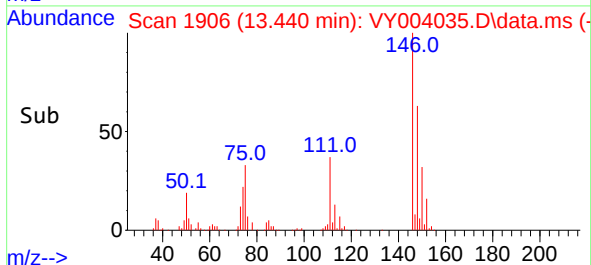
Tgt Ion:146 Resp: 96680  
Ion Ratio Lower Upper  
146 100  
111 38.3 18.9 56.7  
148 63.9 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 49.08 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



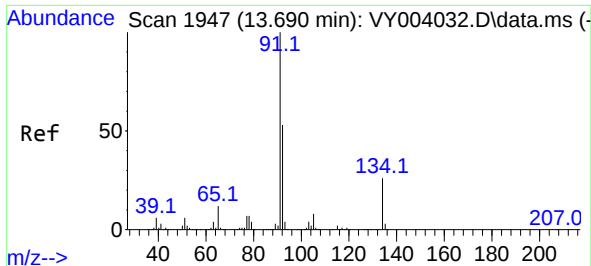
Tgt Ion:146 Resp: 95716  
Ion Ratio Lower Upper  
146 100  
111 37.7 18.6 55.8  
148 64.0 31.8 95.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
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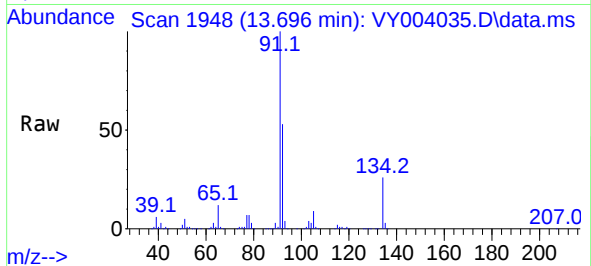
Manual Integrations  
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#89  
n-Butylbenzene  
Concen: 49.93 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

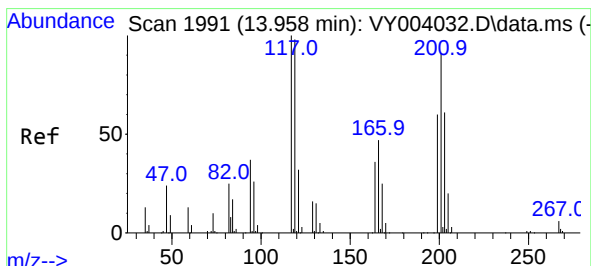
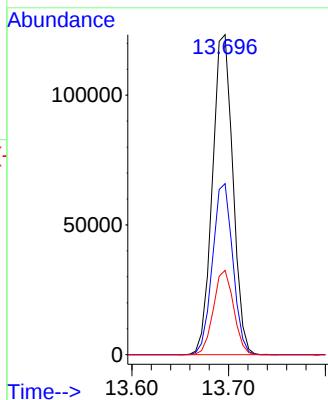
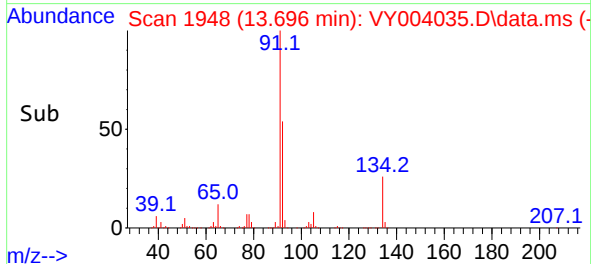
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MSVOA\_Y  
ClientSampleId :  
ICVVY022221



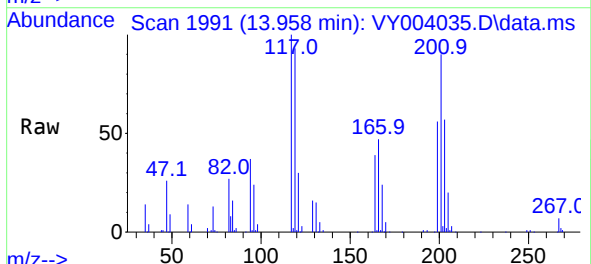
Tgt Ion: 91 Resp: 180934  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.5 79.4  
134 26.0 13.2 39.5

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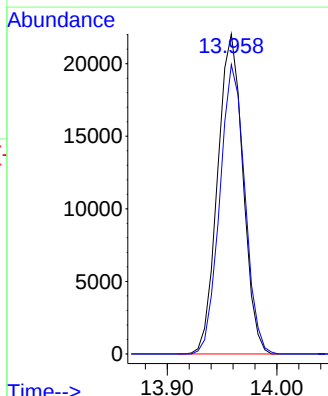
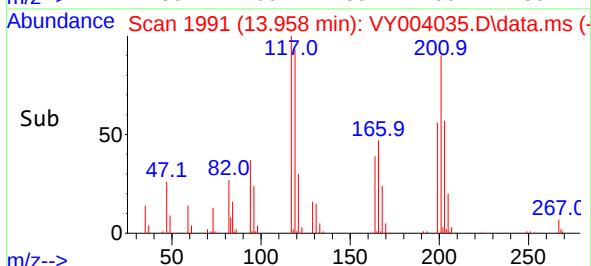
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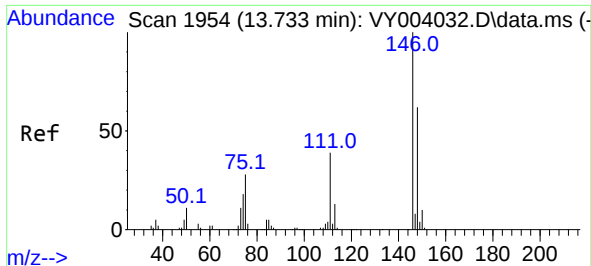


#90  
Hexachloroethane  
Concen: 50.81 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

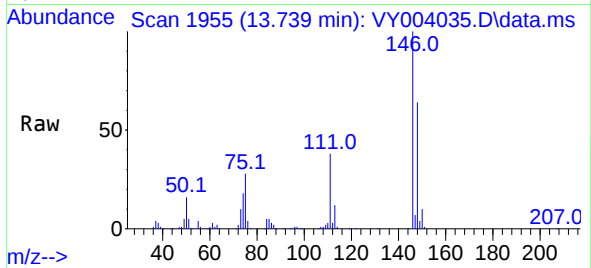


Tgt Ion: 117 Resp: 35357  
Ion Ratio Lower Upper  
117 100  
201 89.5 46.0 138.0

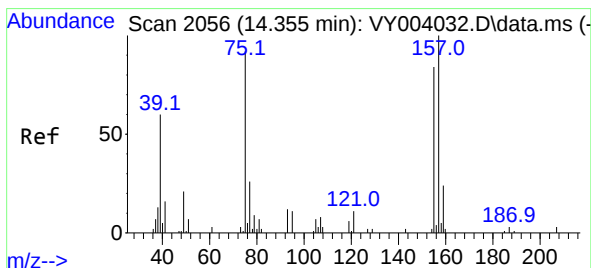
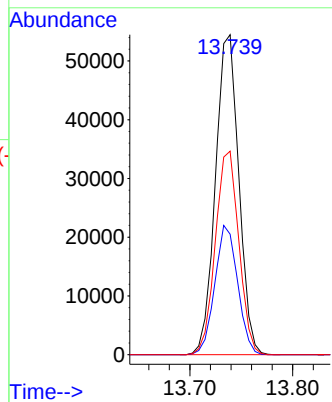
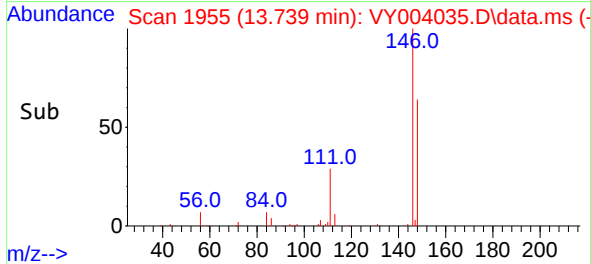




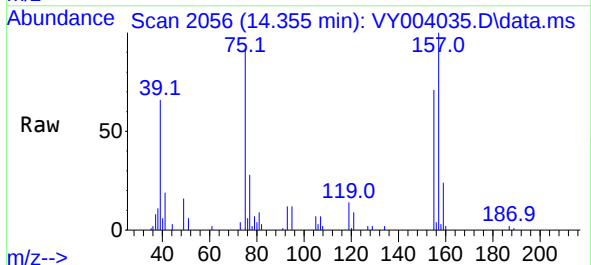
#91  
1,2-Dichlorobenzene  
Concen: 49.43 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



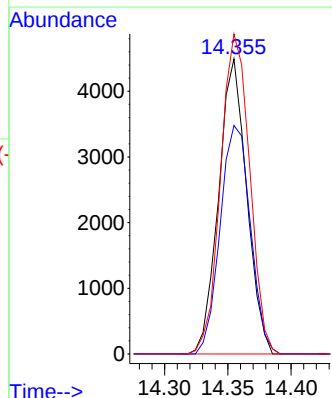
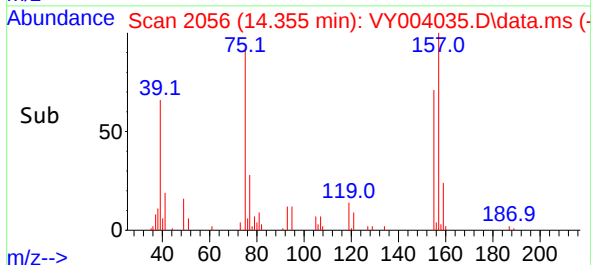
Tgt Ion:146 Resp: 85848  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.6 58.8  
148 64.1 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.45 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



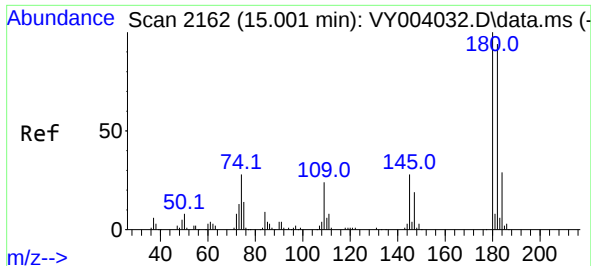
Tgt Ion: 75 Resp: 6928  
Ion Ratio Lower Upper  
75 100  
155 83.2 42.8 128.4  
157 112.4 52.4 157.3



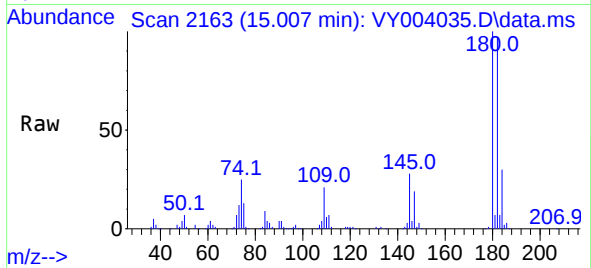
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVY022221

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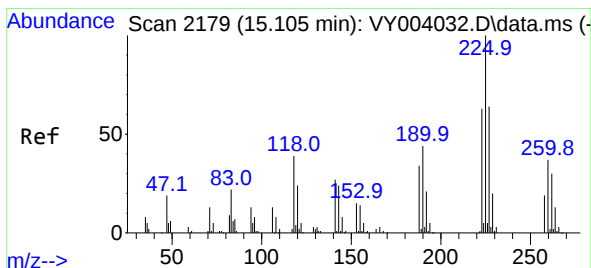
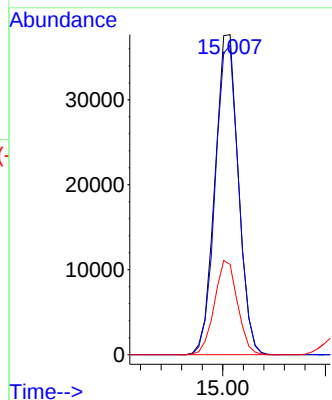
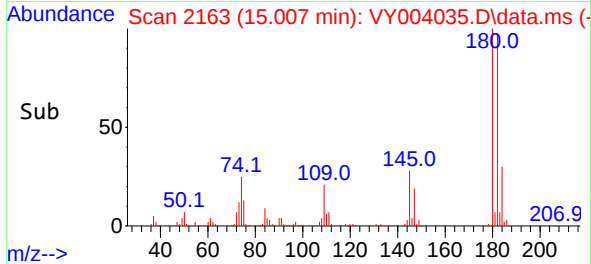
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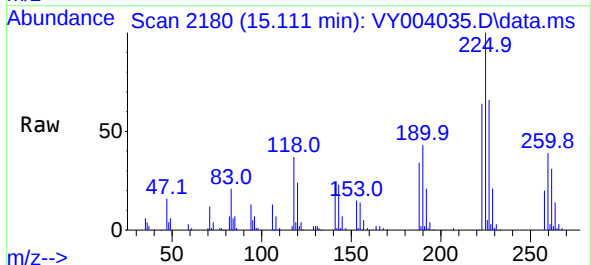
#93  
1,2,4-Trichlorobenzene  
Concen: 47.72 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



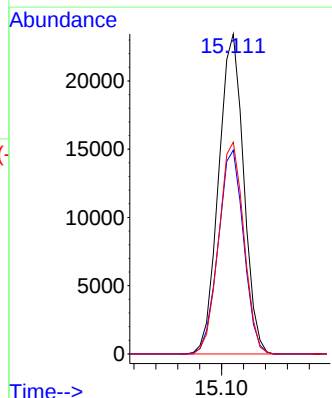
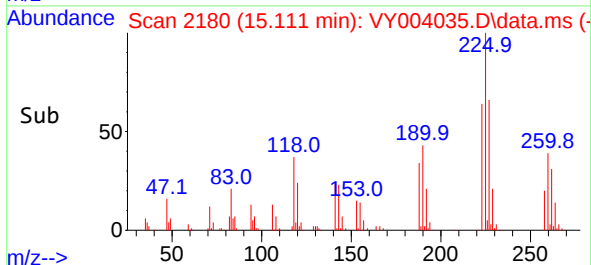
Tgt Ion:180 Resp: 59538  
Ion Ratio Lower Upper  
180 100  
182 96.3 48.0 144.0  
145 29.0 14.1 42.2



#94  
Hexachlorobutadiene  
Concen: 47.18 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.006 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



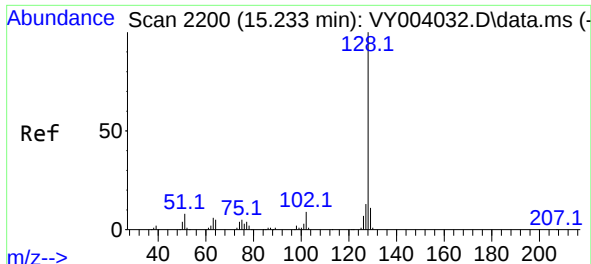
Tgt Ion:225 Resp: 37171  
Ion Ratio Lower Upper  
225 100  
223 64.5 31.5 94.5  
227 66.4 32.1 96.3



Instrument :  
MSVOA\_Y  
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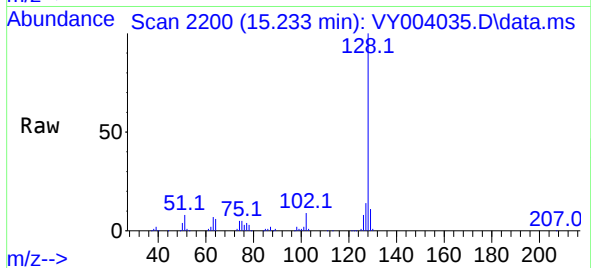
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#95  
Naphthalene  
Concen: 47.83 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36

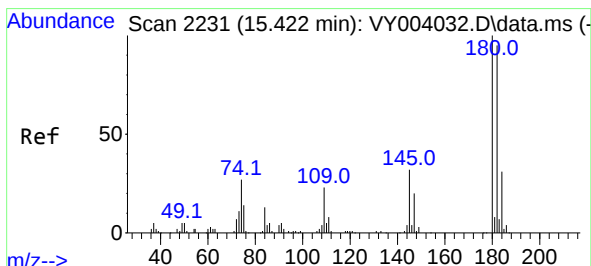
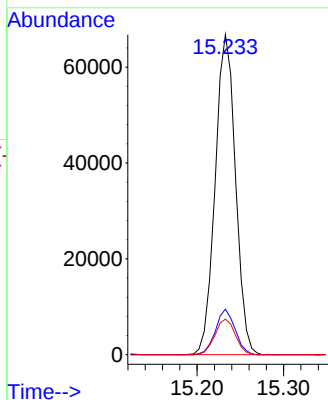
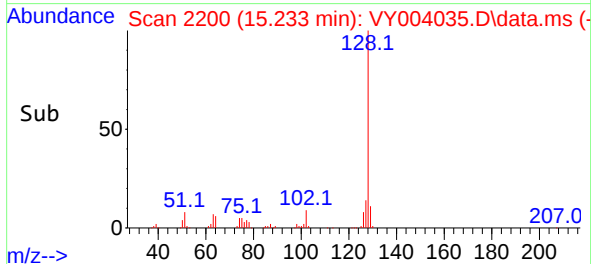
Instrument :  
MSVOA\_Y  
ClientSampleId :  
ICVVY022221



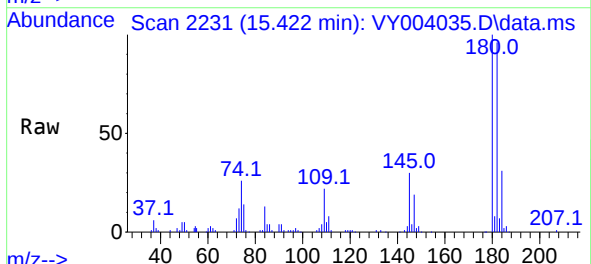
Tgt Ion:128 Resp: 108812  
Ion Ratio Lower Upper  
128 100  
127 13.7 10.6 16.0  
129 11.1 8.7 13.1

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.64 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.000 min  
Lab File: VY004035.D  
Acq: 22 Feb 2021 14:36



Tgt Ion:180 Resp: 51759  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.6 142.8  
145 30.2 15.3 45.9

