

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040821\  
 Data File : VY004349.D  
 Acq On : 08 Apr 2021 20:34  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2021 9:59:09 AM

Quant Time: Apr 09 03:20:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:38:14 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|--------|--------|----------|
| -----                        |                |      |            |        |        |          |
| Internal Standards           |                |      |            |        |        |          |
| 1) Pentafluorobenzene        | 7.801          | 168  | 168272     | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 275567     | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 242466     | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 110366     | 50.00  | ug/l   | 0.00     |
|                              |                |      |            |        |        |          |
| System Monitoring Compounds  |                |      |            |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.155          | 65   | 68186      | 42.15  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 84.30% |        |          |
| 35) Dibromofluoromethane     | 7.728          | 113  | 60245      | 39.24  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 78.48% |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 233188     | 40.38  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 80.76% |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 78780      | 39.80  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 79.60% |        |          |
|                              |                |      |            |        |        |          |
| Target Compounds             |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.912          | 85   | 66958      | 45.95  | ug/l   | 100      |
| 3) Chloromethane             | 2.119          | 50   | 97554      | 49.59  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.260          | 62   | 103657     | 47.28  | ug/l   | 98       |
| 5) Bromomethane              | 2.656          | 94   | 49984      | 41.45  | ug/l   | 96       |
| 6) Chloroethane              | 2.802          | 64   | 67091      | 47.21  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.137          | 101  | 140315     | 49.25  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.540          | 74   | 46191      | 50.52  | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 3.906          | 101  | 78709      | 50.74  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.107          | 142  | 87241      | 48.67  | ug/l   | 99       |
| 11) Tert butyl alcohol       | 4.985          | 59   | 33047      | 251.06 | ug/l   | 97       |
| 12) 1,1-Dichloroethene       | 3.887          | 96   | 75886      | 49.86  | ug/l   | 96       |
| 13) Acrolein                 | 3.741          | 56   | 19969      | 182.09 | ug/l   | 97       |
| 14) Allyl chloride           | 4.491          | 41   | 144308     | 59.51  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.180          | 53   | 113272     | 260.31 | ug/l   | 99       |
| 16) Acetone                  | 3.960          | 43   | 86795      | 257.54 | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.204          | 76   | 219213     | 54.77  | ug/l   | 100      |
| 18) Methyl Acetate           | 4.491          | 43   | 57680      | 53.47  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.241          | 73   | 228024     | 50.71  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.735          | 84   | 92075      | 56.06  | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.235          | 96   | 87964      | 51.48  | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.137          | 45   | 317620     | 59.63  | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.076          | 43   | 976012     | 272.42 | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.033          | 63   | 164955     | 56.84  | ug/l   | 99       |
| 25) 2-Butanone               | 7.003          | 43   | 146098     | 259.50 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.996          | 77   | 137832     | 50.76  | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 6.996          | 96   | 99349      | 51.35  | ug/l   | 94       |
| 28) Bromochloromethane       | 7.344          | 49   | 66027      | 55.97  | ug/l   | 89       |
| 29) Tetrahydrofuran          | 7.362          | 42   | 101116     | 254.92 | ug/l   | 93       |
| 30) Chloroform               | 7.521          | 83   | 162174     | 52.52  | ug/l   | 98       |
| 31) Cyclohexane              | 7.795          | 56   | 150495     | 52.64  | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.716          | 97   | 147015     | 52.04  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.929          | 75   | 126575     | 50.32  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.088          | 43   | 68081      | 46.13  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.911          | 117  | 119268     | 54.52  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.191          | 83   | 155127     | 49.81  | ug/l   | 98       |
| 40) Benzene                  | 8.173          | 78   | 366358     | 51.38  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040821\  
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 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/9/2021 9:59:09 AM

Quant Time: Apr 09 03:20:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 30 06:38:14 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 35344m   | 43.23  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 110104   | 49.13  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.283  | 43   | 142054   | 50.84  | ug/l   | 98       |
| 44) Trichloroethene           | 8.947  | 130  | 101107   | 44.53  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 95419    | 54.14  | ug/l   | 99       |
| 46) Dibromomethane            | 9.313  | 93   | 49284    | 47.56  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 126514   | 51.18  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.301  | 41   | 65764    | 51.82  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 10434    | 940.88 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 357185   | 250.90 | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 229522   | 50.07  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 129705   | 49.20  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 149412   | 50.73  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 68237    | 48.07  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 95811    | 49.19  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 121397   | 49.56  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 185471   | 222.57 | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 236695   | 241.85 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.990 | 129  | 82340    | 48.38  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 64502    | 46.04  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 98529    | 41.30  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.520 | 112  | 235202   | 48.64  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 85921    | 49.60  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.599 | 91   | 442664   | 50.41  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.709 | 106  | 328944   | 97.56  | ug/l   | 97       |
| 69) o-Xylene                  | 12.032 | 106  | 154341   | 48.92  | ug/l   | 97       |
| 70) Styrene                   | 12.050 | 104  | 257434   | 49.05  | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 46735    | 47.38  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 420839   | 52.19  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 127600   | 54.15  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 72099    | 48.31  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 52255m   | 52.14  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 91670    | 48.56  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.672 | 91   | 490653   | 52.60  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 268818   | 52.45  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 343949   | 52.29  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.386 | 75   | 27768    | 51.07  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 280022   | 51.91  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 296218   | 52.12  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 340462   | 51.60  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 405429   | 51.82  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 364281   | 50.05  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 170912   | 48.53  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 169049   | 48.59  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 340446   | 50.86  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 52035    | 76.09  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 151263   | 47.85  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 11682    | 41.95  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 94709    | 42.15  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 50955    | 42.64  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 198295   | 41.60  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 83131    | 40.49  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY040821\  
Data File : VY004349.D  
Acq On : 08 Apr 2021 20:34  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
4/9/2021 9:59:09 AM

Quant Time: Apr 09 03:20:22 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 30 06:38:14 2021  
Response via : Initial Calibration

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

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

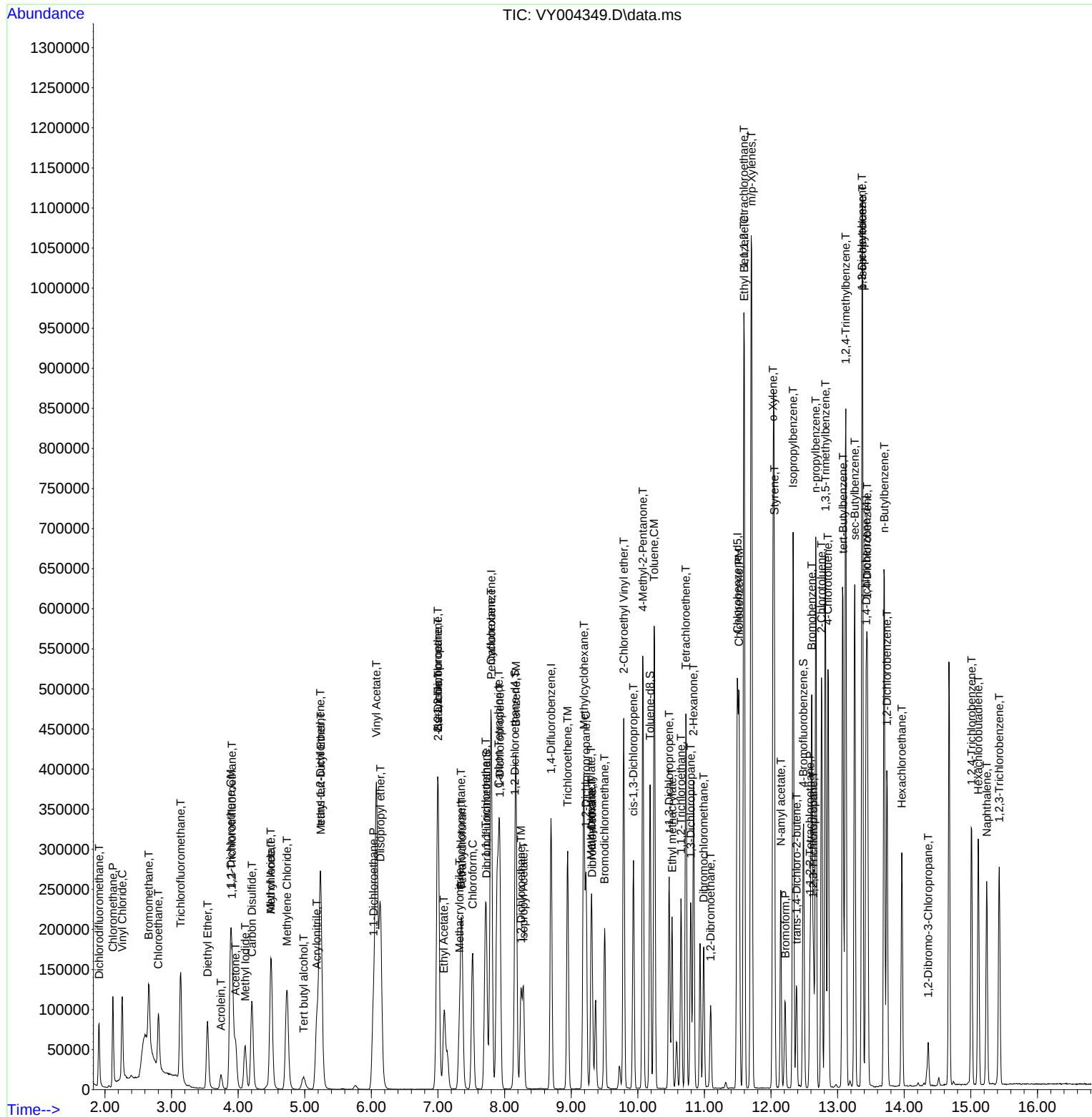
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Data File : VY04349.D  
Acq On : 08 Apr 2021 20:34  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 26 Sample Multiplier: 1

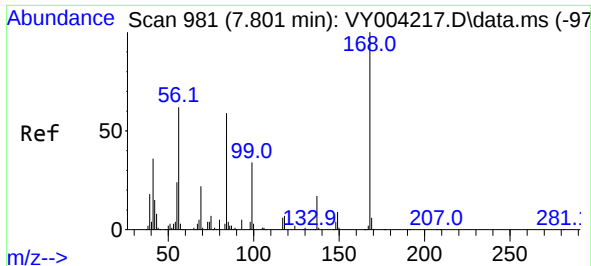
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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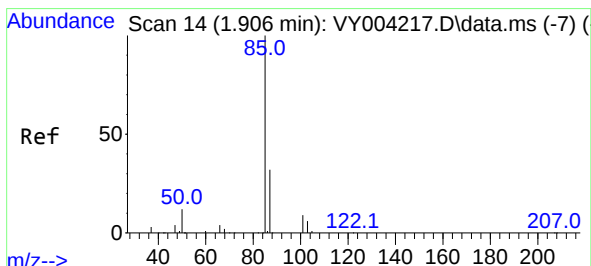
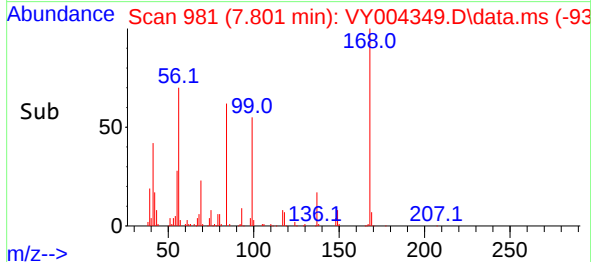
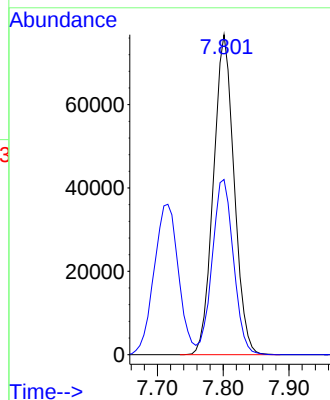
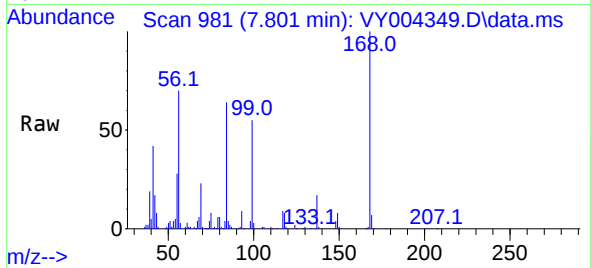
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 168 Resp: 168272  
Ion Ratio Lower Upper  
168 100  
99 54.7 42.6 64.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

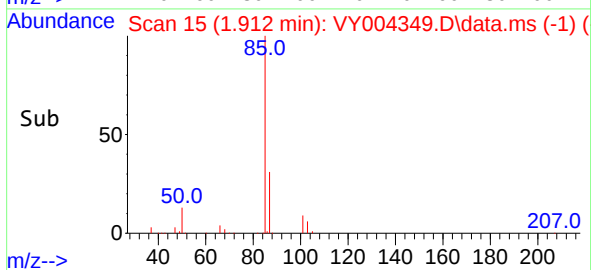
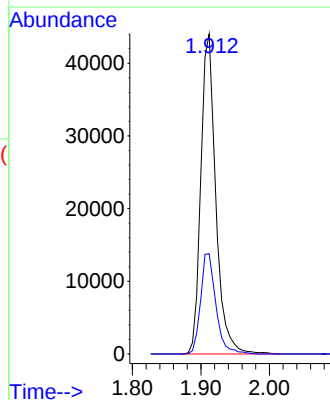
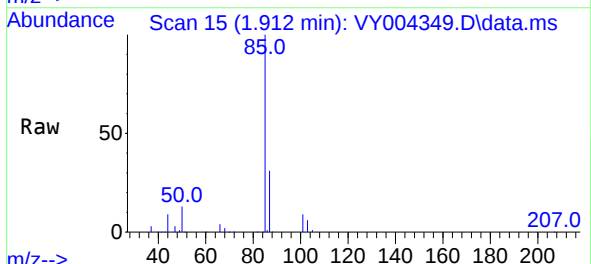
Manual Integrations  
APPROVED

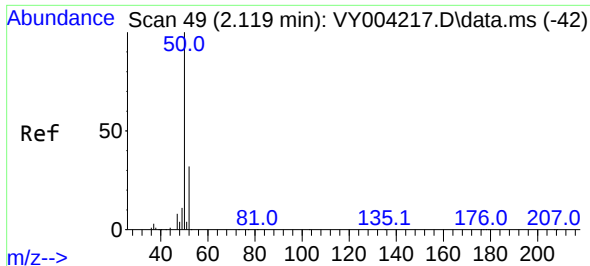
MMDadoda  
4/9/2021 9:59:09 AM



#2  
Dichlorodifluoromethane  
Concen: 45.95 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

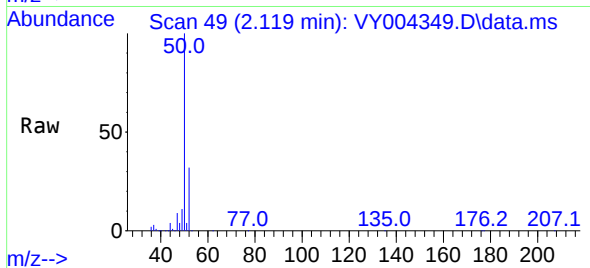
Tgt Ion: 85 Resp: 66958  
Ion Ratio Lower Upper  
85 100  
87 31.4 15.8 47.4





#3  
Chloromethane  
Concen: 49.59 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

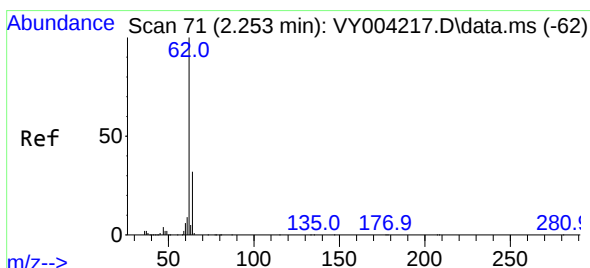
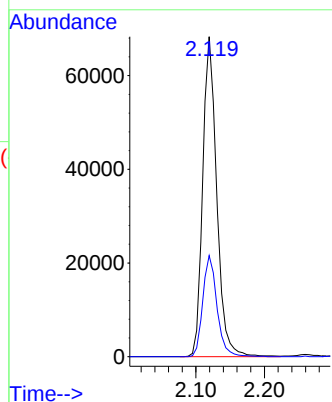
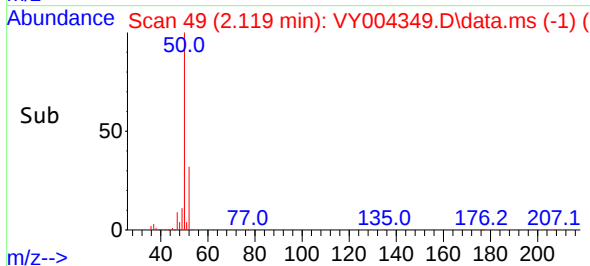
Instrument :  
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VSTDCCC050EC



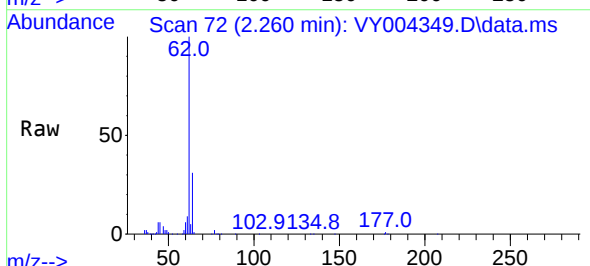
Tgt Ion: 50 Resp: 97554  
Ion Ratio Lower Upper  
50 100  
52 31.6 25.9 38.9

Manual Integrations  
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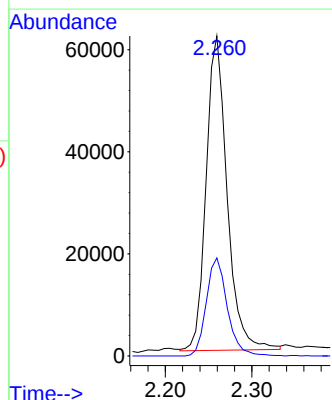
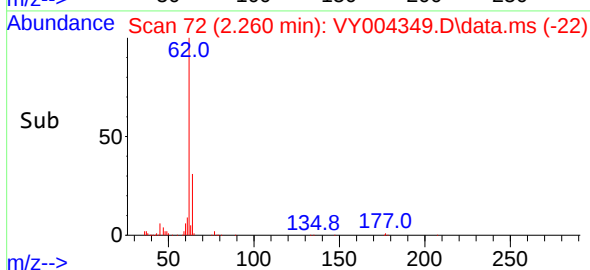
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4/9/2021 9:59:09 AM

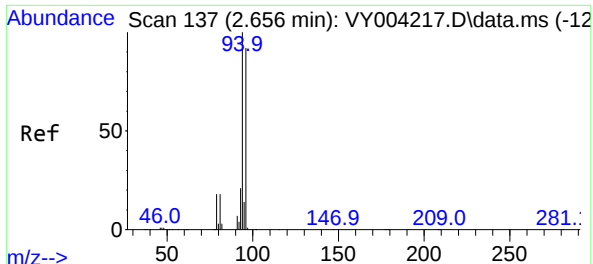


#4  
Vinyl Chloride  
Concen: 47.28 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 62 Resp: 103657  
Ion Ratio Lower Upper  
62 100  
64 31.3 26.0 39.0





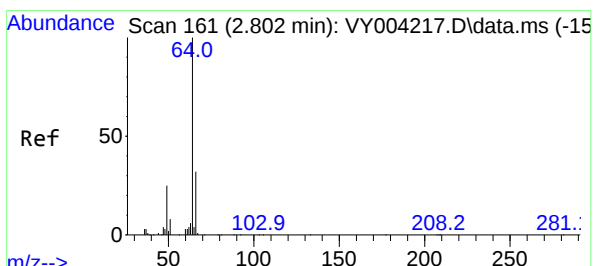
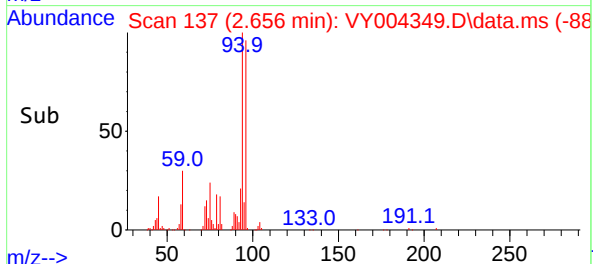
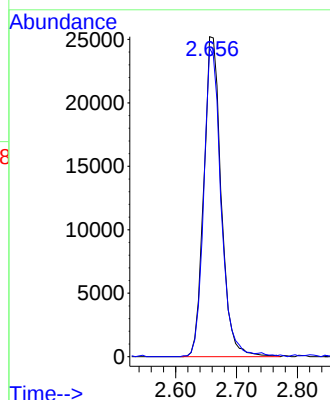
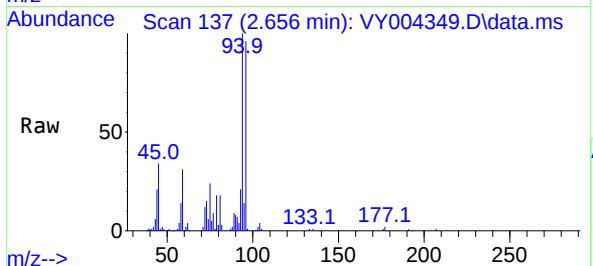
#5  
Bromomethane  
Concen: 41.45 ug/l  
RT: 2.656 min Scan# 137  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 94 Resp: 49984  
Ion Ratio Lower Upper  
94 100  
96 96.4 73.8 110.6

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

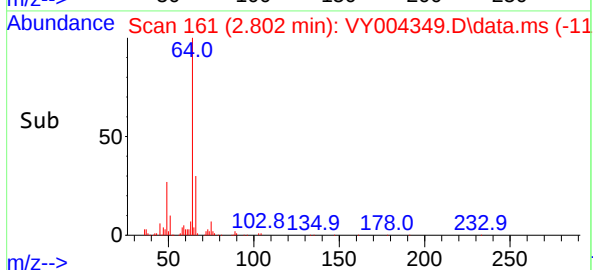
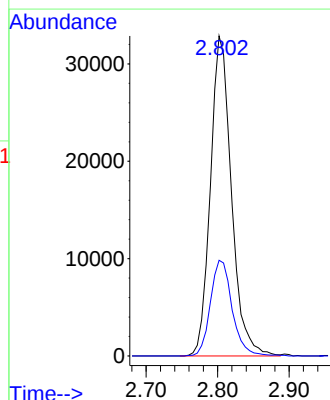
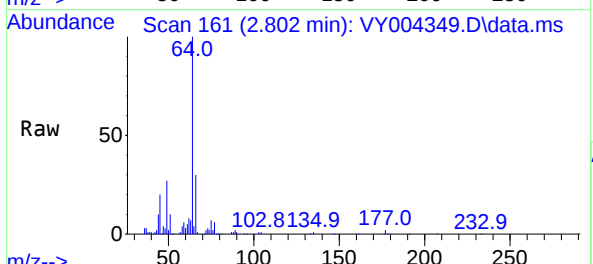
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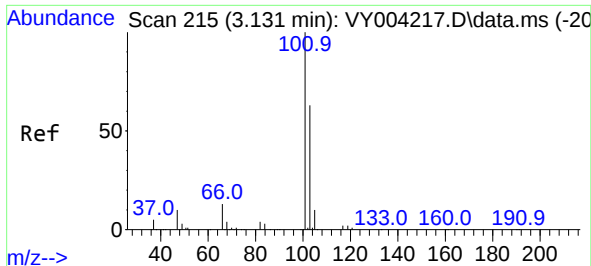
MMDadoda  
4/9/2021 9:59:09 AM



#6  
Chloroethane  
Concen: 47.21 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 64 Resp: 67091  
Ion Ratio Lower Upper  
64 100  
66 29.9 25.8 38.8





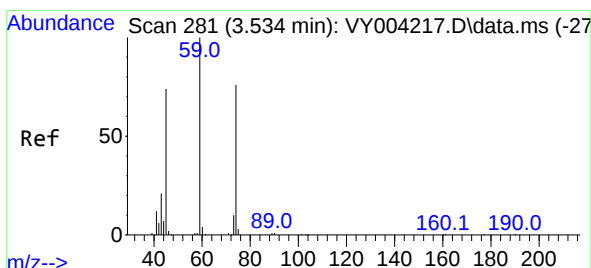
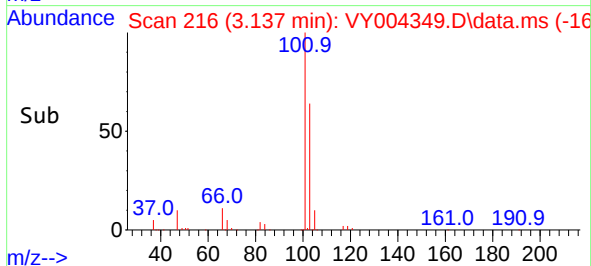
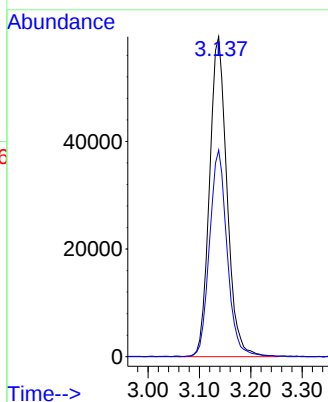
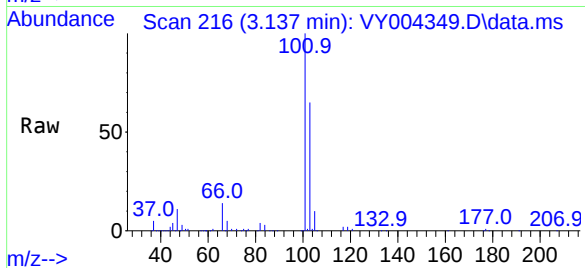
#7  
 Trichlorofluoromethane  
 Concen: 49.25 ug/l  
 RT: 3.137 min Scan# 216  
 Delta R.T. 0.006 min  
 Lab File: VY004349.D  
 Acq: 08 Apr 2021 20:34

Tgt Ion:101 Resp: 140315  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 50.2 75.2

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

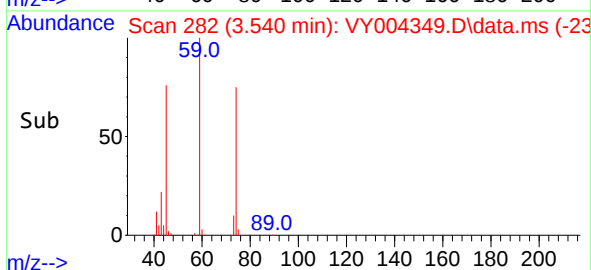
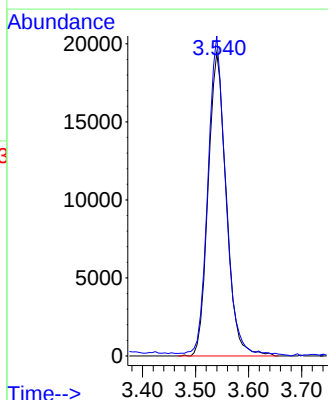
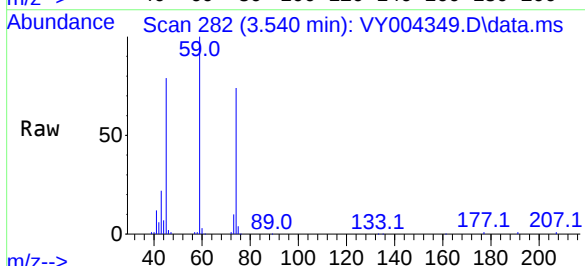
Manual Integrations  
 APPROVED

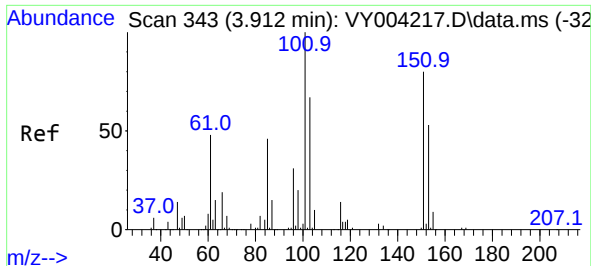
MMDadoda  
 4/9/2021 9:59:09 AM



#8  
 Diethyl Ether  
 Concen: 50.52 ug/l  
 RT: 3.540 min Scan# 282  
 Delta R.T. 0.006 min  
 Lab File: VY004349.D  
 Acq: 08 Apr 2021 20:34

Tgt Ion: 74 Resp: 46191  
 Ion Ratio Lower Upper  
 74 100  
 45 105.4 48.1 144.3





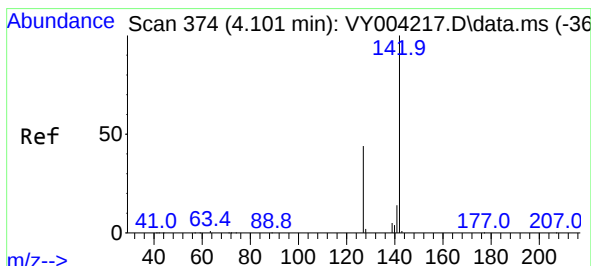
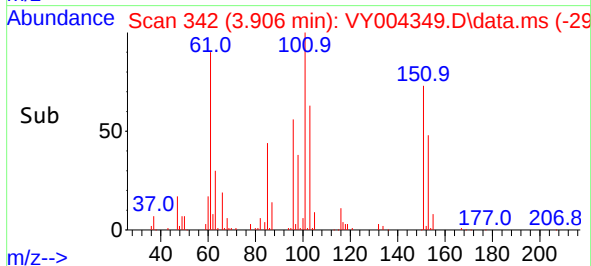
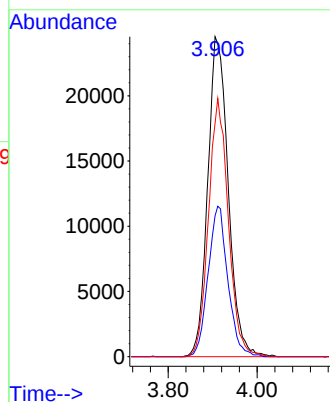
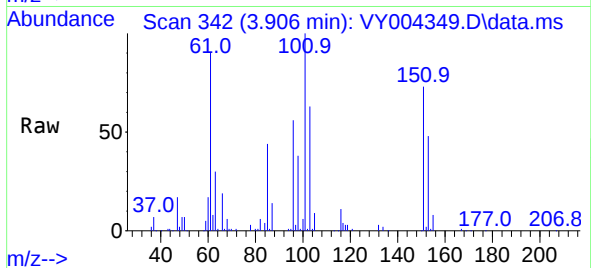
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.74 ug/l  
RT: 3.906 min Scan# 342  
Delta R.T. -0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:101 Resp: 78709  
Ion Ratio Lower Upper  
101 100  
85 45.3 37.2 55.8  
151 78.0 64.2 96.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

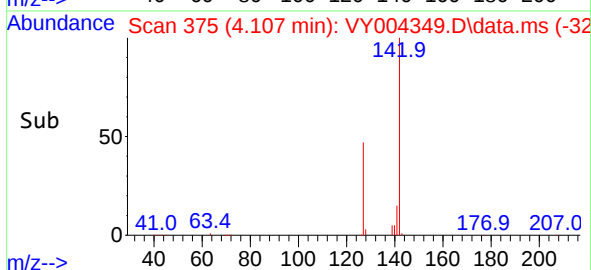
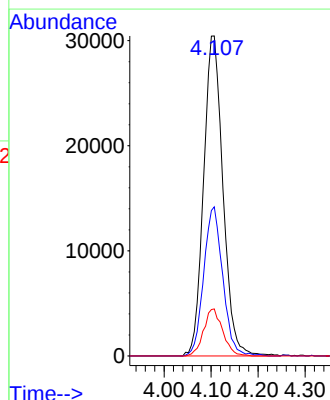
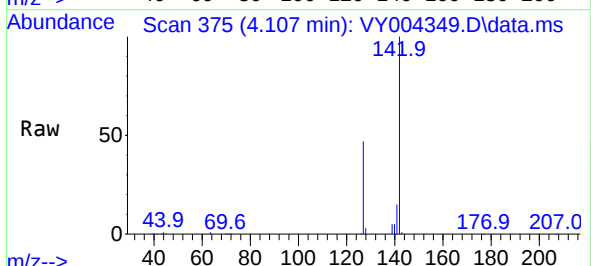
Manual Integrations  
APPROVED

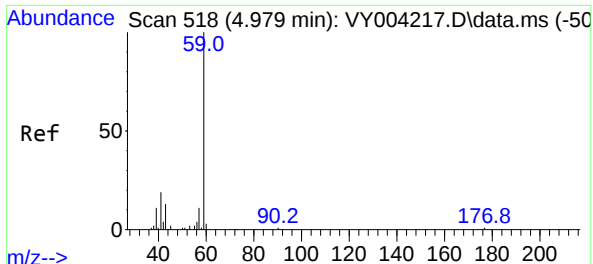
MMDadoda  
4/9/2021 9:59:09 AM



#10  
Methyl Iodide  
Concen: 48.67 ug/l  
RT: 4.107 min Scan# 375  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:142 Resp: 87241  
Ion Ratio Lower Upper  
142 100  
127 45.8 36.0 54.0  
141 14.4 11.3 16.9





#11

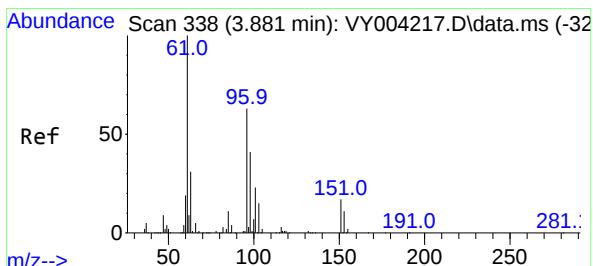
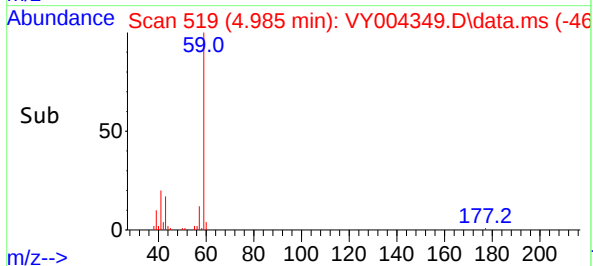
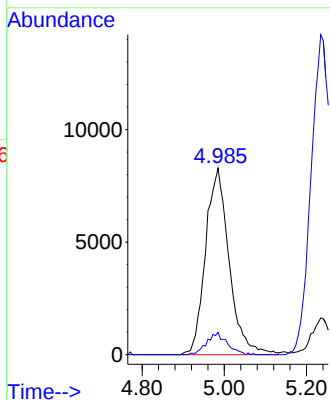
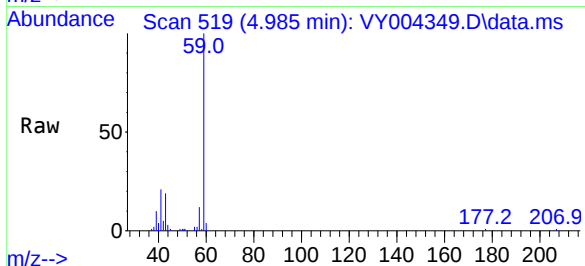
Tert butyl alcohol  
Concen: 251.06 ug/l  
RT: 4.985 min Scan# 519  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 59 Resp: 33047  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.9 13.3

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

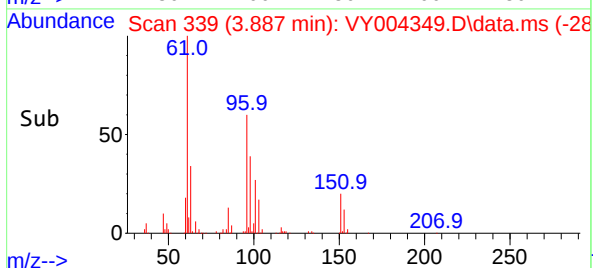
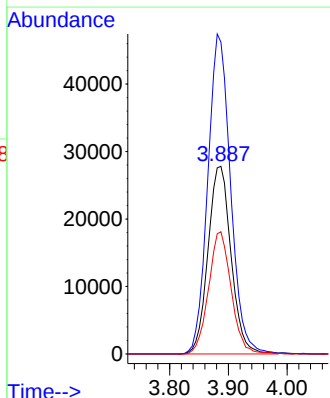
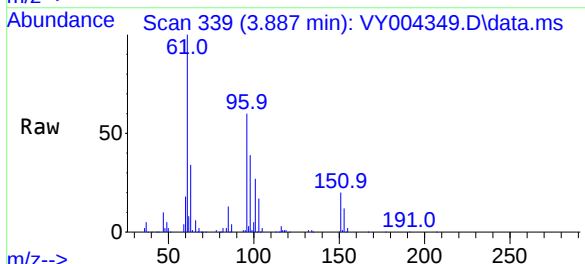
MMDadoda  
4/9/2021 9:59:09 AM

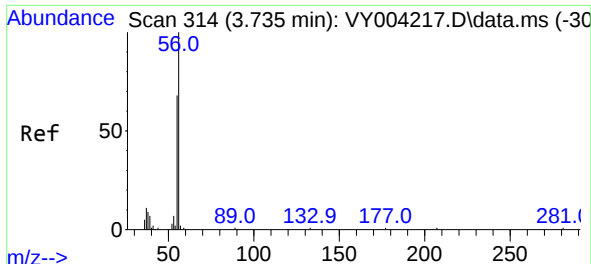


#12

1,1-Dichloroethene  
Concen: 49.86 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

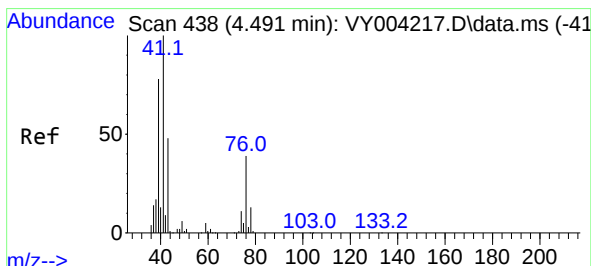
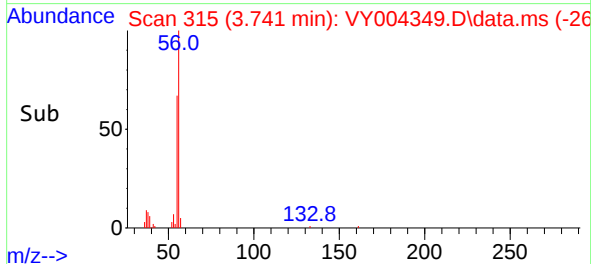
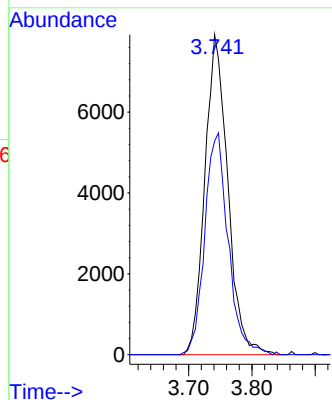
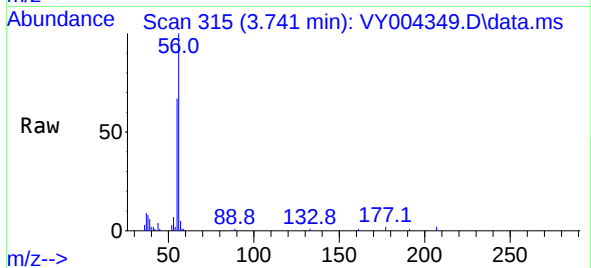
Tgt Ion: 96 Resp: 75886  
Ion Ratio Lower Upper  
96 100  
61 166.2 127.2 190.8  
98 65.1 51.8 77.8





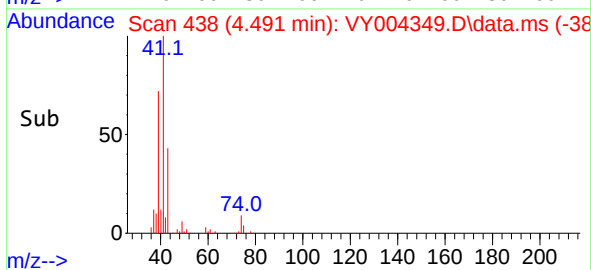
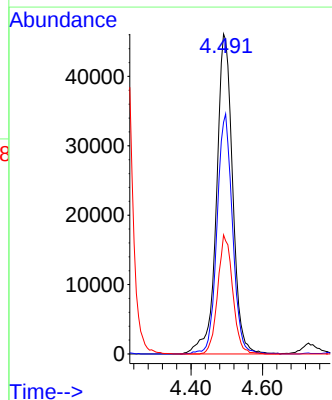
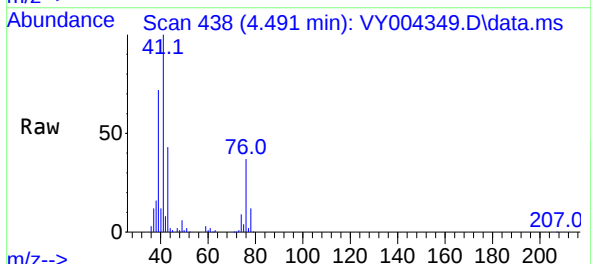
#13  
Acrolein  
Concen: 182.09 ug/l  
RT: 3.741 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 56 Resp: 19969  
Ion Ratio Lower Upper  
56 100  
55 70.9 55.0 82.4



#14  
Allyl chloride  
Concen: 59.51 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

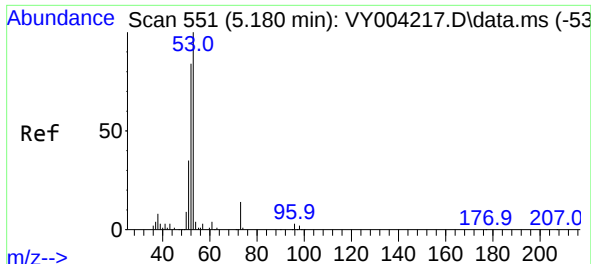
Tgt Ion: 41 Resp: 144308  
Ion Ratio Lower Upper  
41 100  
39 71.9 60.2 90.4  
76 34.4 30.3 45.5



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

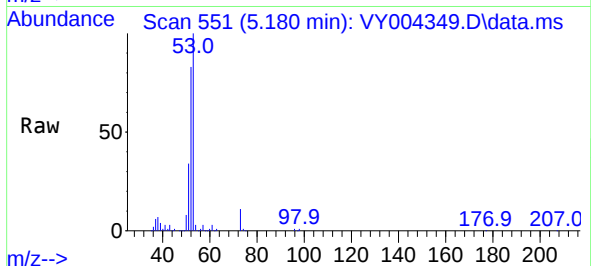
Manual Integrations  
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#15  
Acrylonitrile  
Concen: 260.31 ug/l  
RT: 5.180 min Scan# 551  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

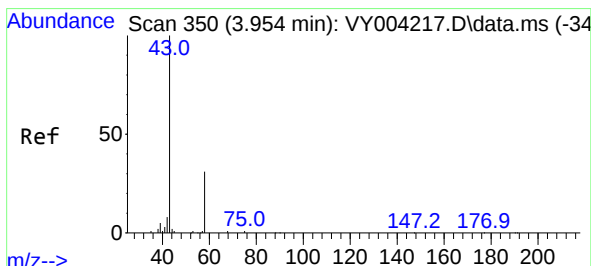
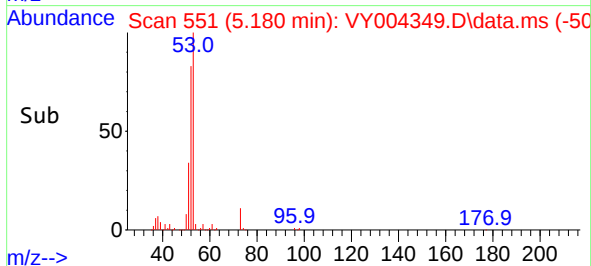
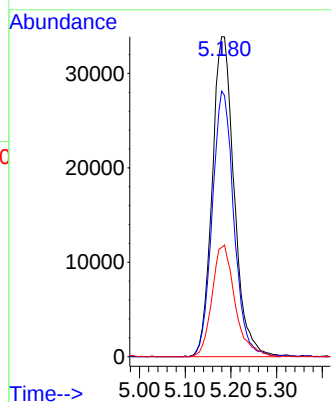
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



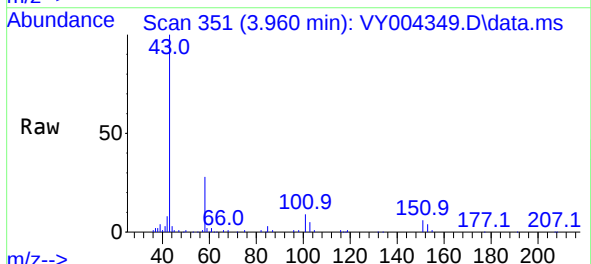
Tgt Ion: 53 Resp: 113272  
Ion Ratio Lower Upper  
53 100  
52 81.9 65.3 97.9  
51 36.5 29.8 44.8

Manual Integrations  
APPROVED

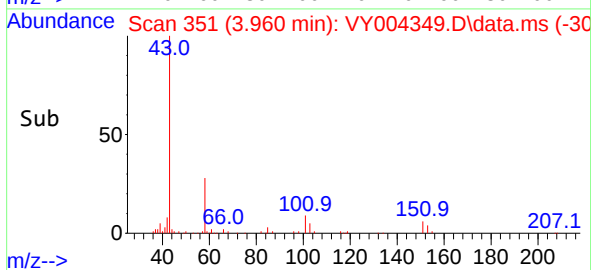
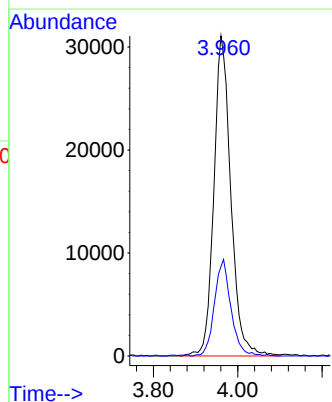
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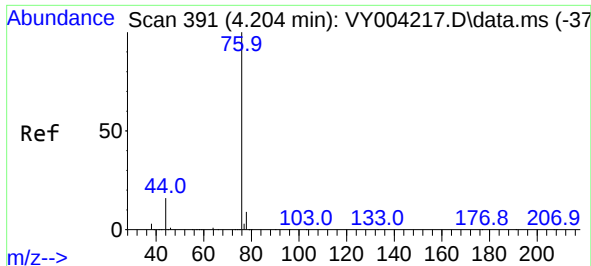


#16  
Acetone  
Concen: 257.54 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



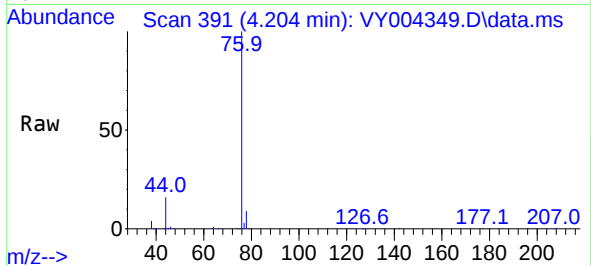
Tgt Ion: 43 Resp: 86795  
Ion Ratio Lower Upper  
43 100  
58 28.0 24.5 36.7





#17  
Carbon Disulfide  
Concen: 54.77 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

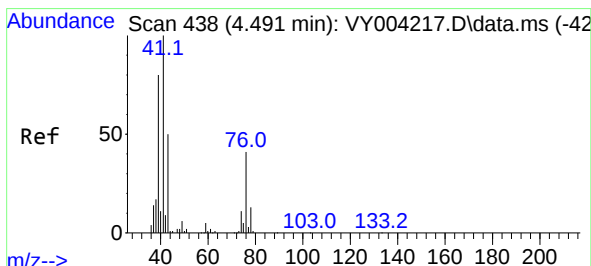
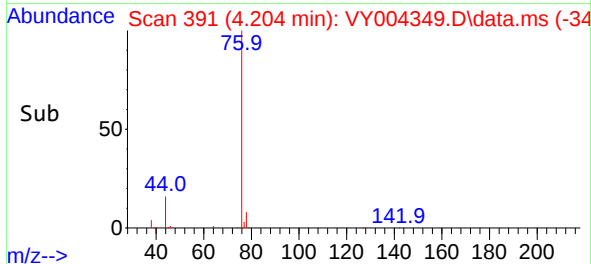
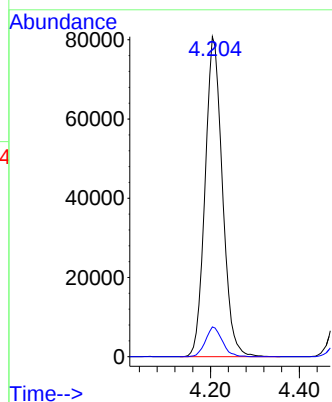
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 76 Resp: 219213  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.4 11.2

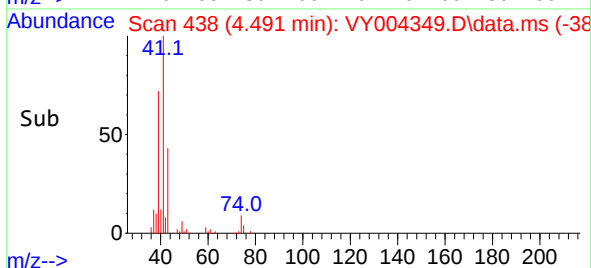
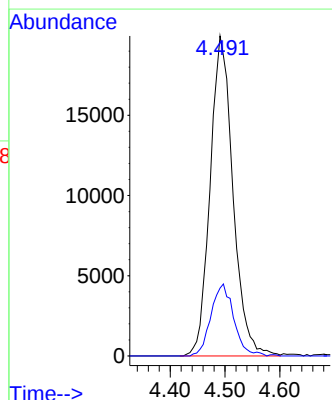
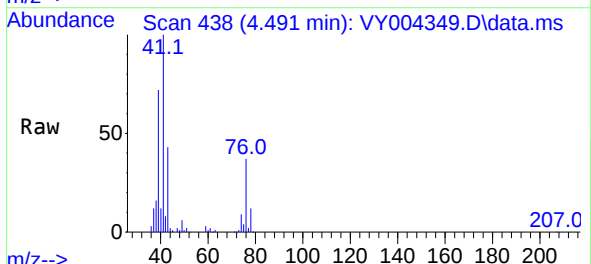
Manual Integrations  
APPROVED

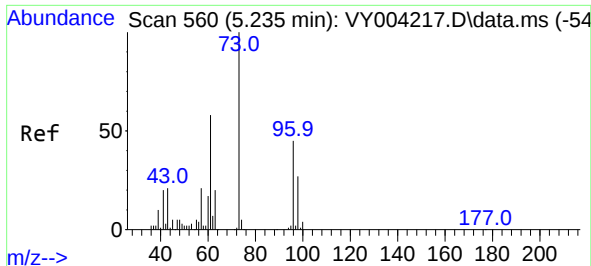
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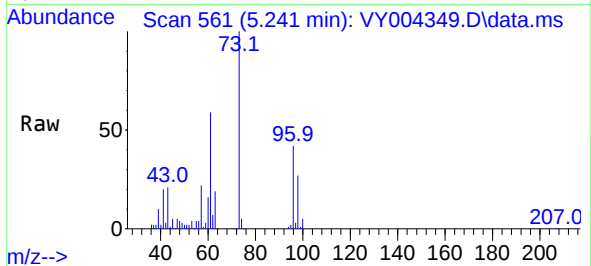
#18  
Methyl Acetate  
Concen: 53.47 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 43 Resp: 57680  
Ion Ratio Lower Upper  
43 100  
74 22.5 19.1 28.7

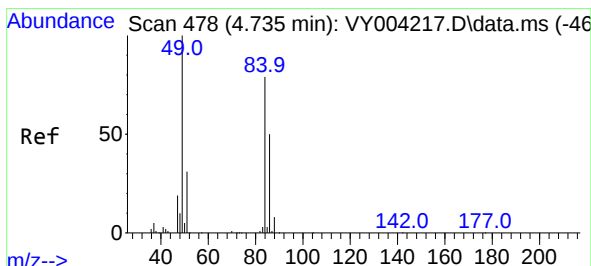
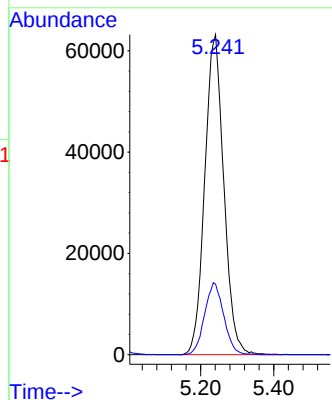
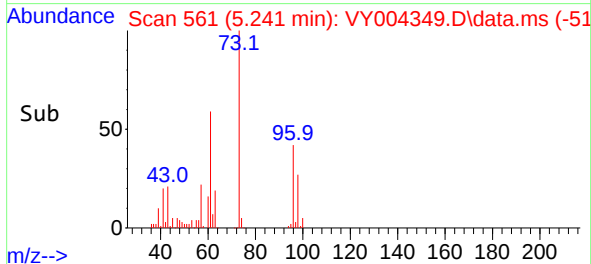




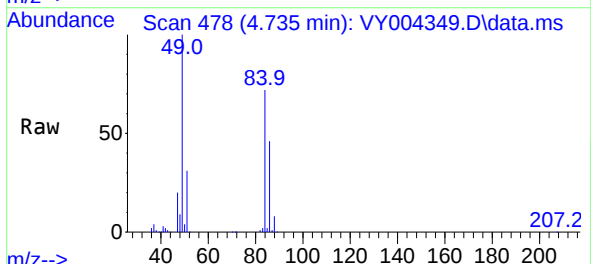
#19  
Methyl tert-butyl Ether  
Concen: 50.71 ug/l  
RT: 5.241 min Scan# 561  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



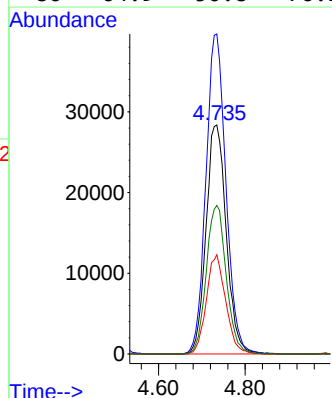
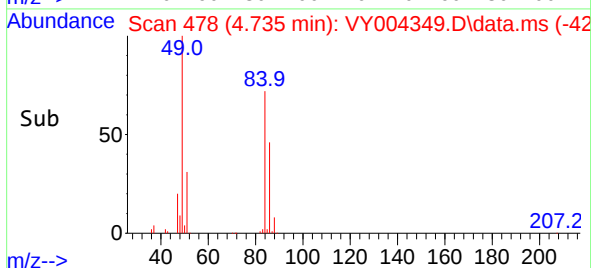
Tgt Ion: 73 Resp: 228024  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.0 25.4



#20  
Methylene Chloride  
Concen: 56.06 ug/l  
RT: 4.735 min Scan# 478  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



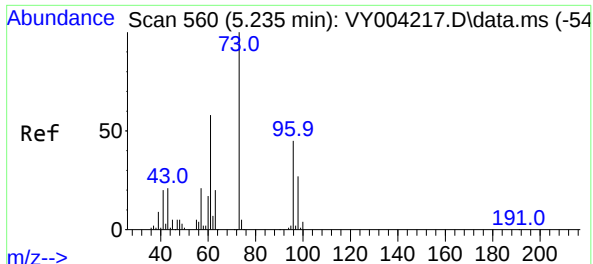
Tgt Ion: 84 Resp: 92075  
Ion Ratio Lower Upper  
84 100  
49 139.8 101.5 152.3  
51 43.4 31.5 47.3  
86 64.9 50.8 76.2



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

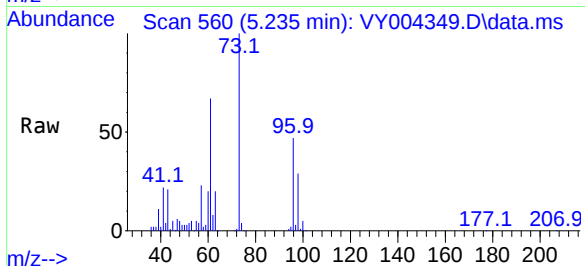
Manual Integrations  
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#21  
trans-1,2-Dichloroethene  
Concen: 51.48 ug/l  
RT: 5.235 min Scan# 560  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

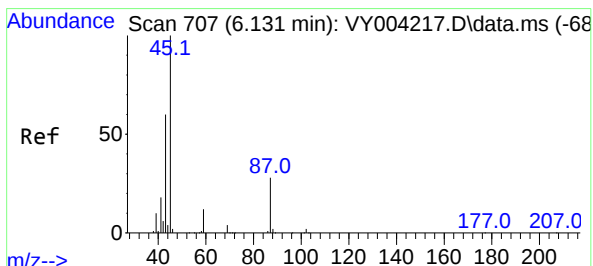
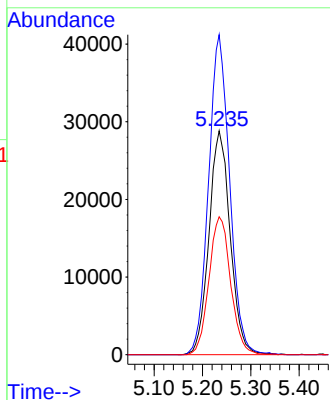
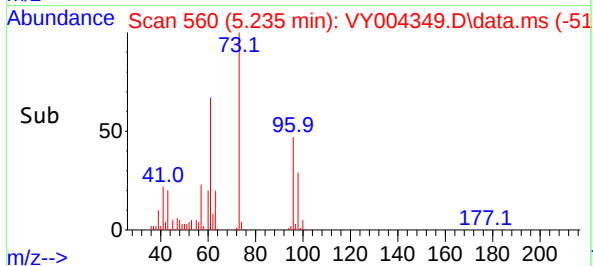
Instrument :  
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ClientSampleId :  
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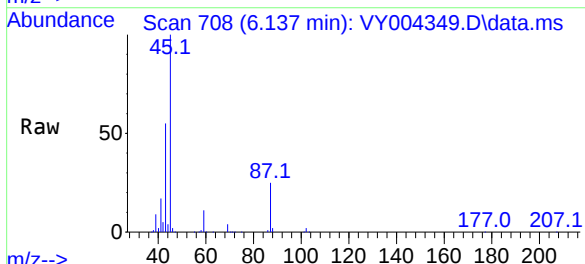
Tgt Ion: 96 Resp: 87964  
Ion Ratio Lower Upper  
96 100  
61 143.0 103.4 155.0  
98 61.6 49.3 73.9

Manual Integrations  
APPROVED

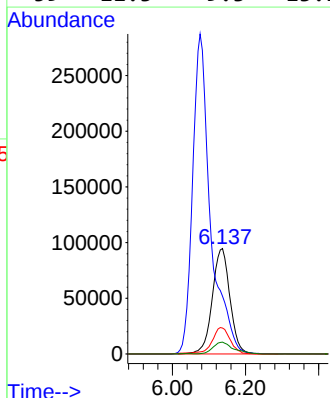
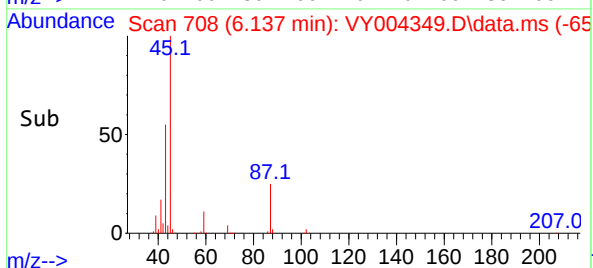
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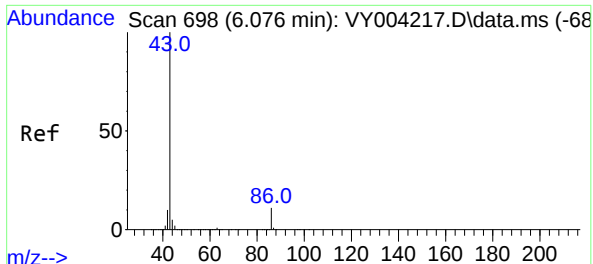


#22  
Diisopropyl ether  
Concen: 59.63 ug/l  
RT: 6.137 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 45 Resp: 317620  
Ion Ratio Lower Upper  
45 100  
43 54.7 47.7 71.5  
87 24.7 22.7 34.1  
59 11.3 9.3 13.9





#23

Vinyl Acetate

Concen: 272.42 ug/l

RT: 6.076 min Scan# 698

Delta R.T. -0.000 min

Lab File: VY004349.D

Acq: 08 Apr 2021 20:34

Tgt Ion: 43 Resp: 976012

Ion Ratio Lower Upper

43 100

86 9.4 8.5 12.7

Instrument :

MSVOA\_Y

ClientSampleId :

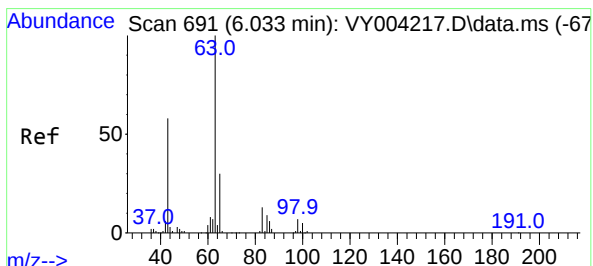
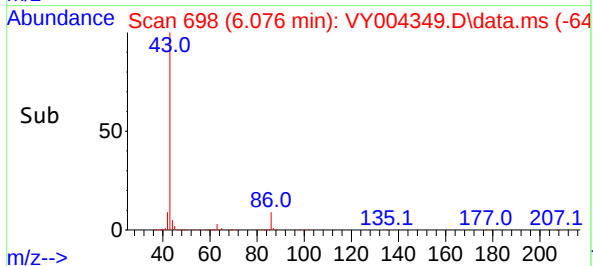
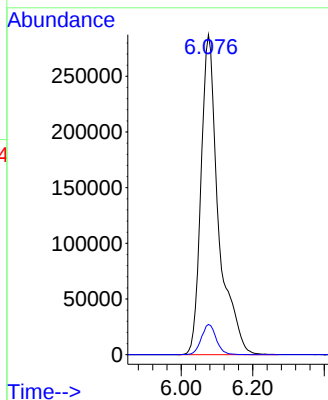
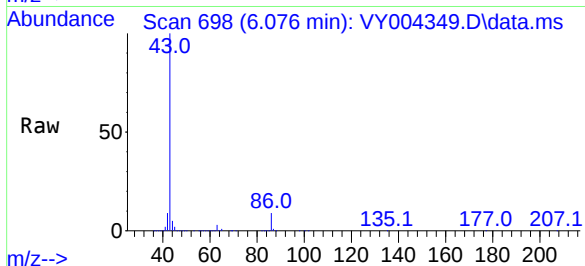
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 56.84 ug/l

RT: 6.033 min Scan# 691

Delta R.T. -0.000 min

Lab File: VY004349.D

Acq: 08 Apr 2021 20:34

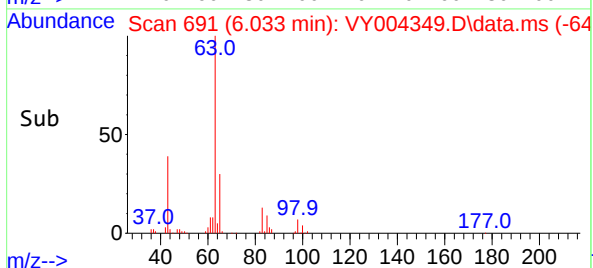
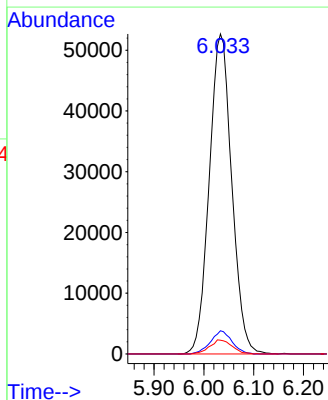
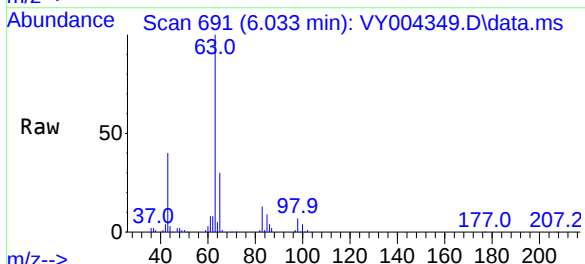
Tgt Ion: 63 Resp: 164955

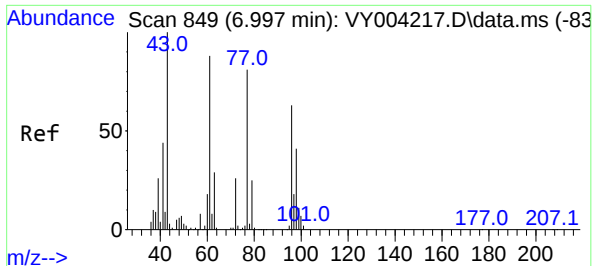
Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.3 2.3 6.9





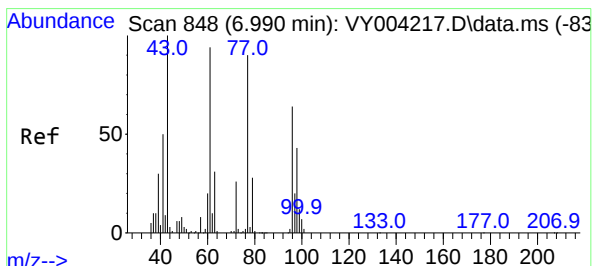
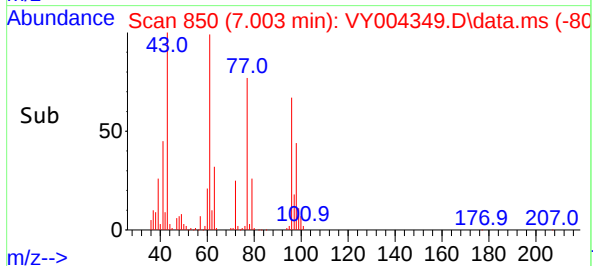
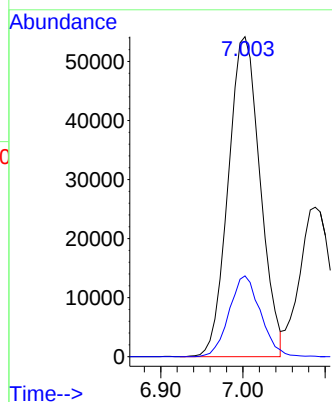
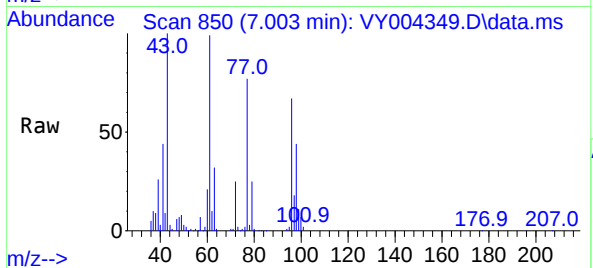
#25  
2-Butanone  
Concen: 259.50 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 43 Resp: 146098  
Ion Ratio Lower Upper  
43 100  
72 25.2 21.0 31.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

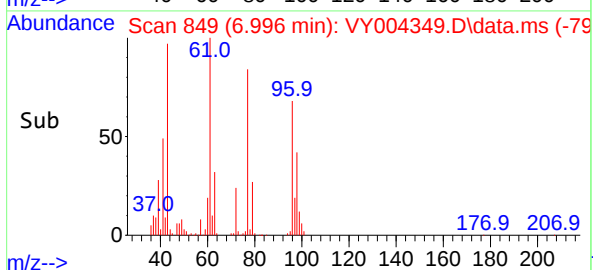
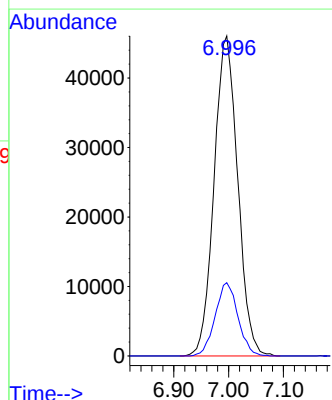
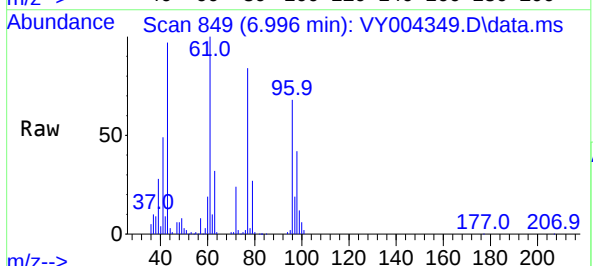
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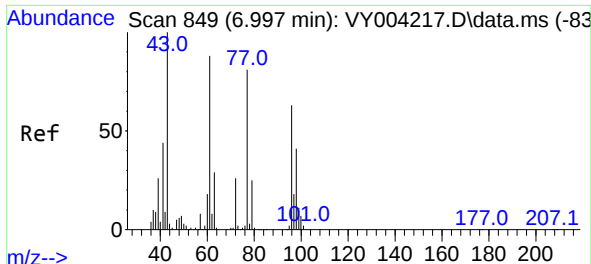
MMDadoda  
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#26  
2,2-Dichloropropane  
Concen: 50.76 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

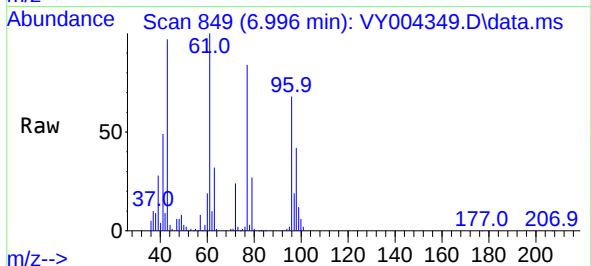
Tgt Ion: 77 Resp: 137832  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.3 33.8





#27  
cis-1,2-Dichloroethene  
Concen: 51.35 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

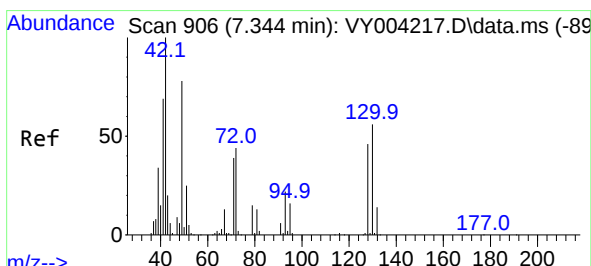
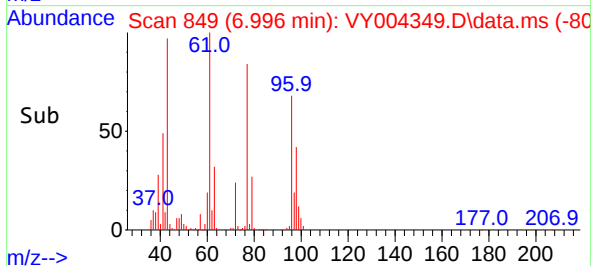
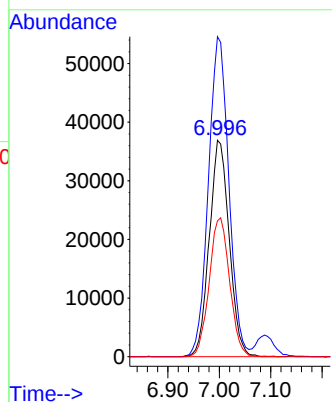
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 96 Resp: 99349  
Ion Ratio Lower Upper  
96 100  
61 151.3 0.0 283.2  
98 65.6 0.0 128.2

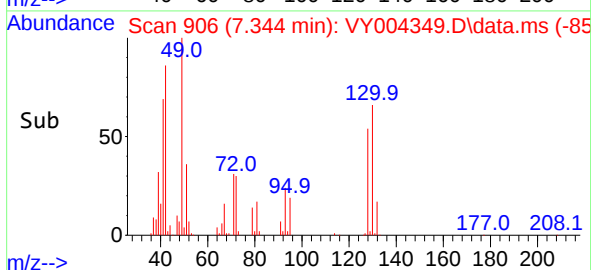
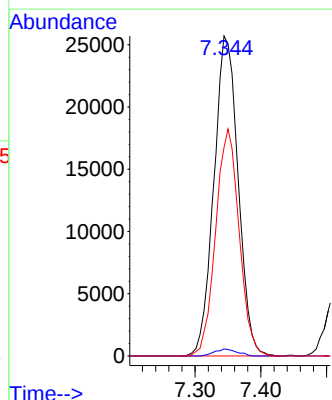
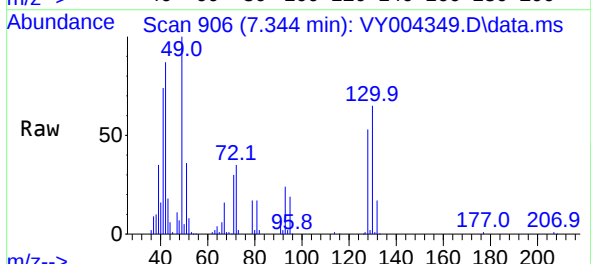
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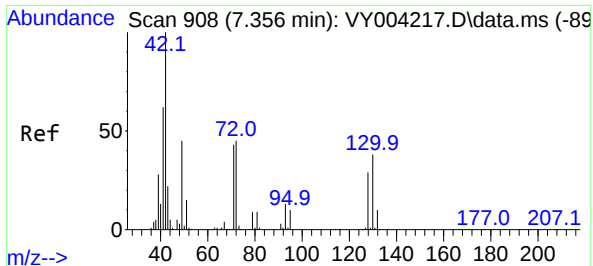
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#28  
Bromochloromethane  
Concen: 55.97 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

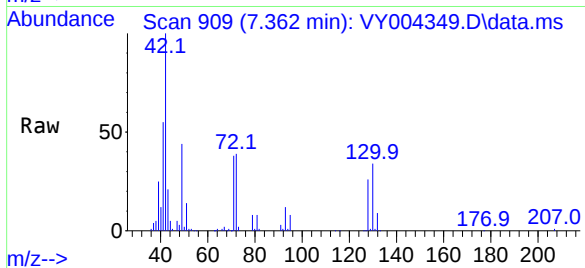
Tgt Ion: 49 Resp: 66027  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 4.2  
130 68.6 62.5 93.7





#29  
Tetrahydrofuran  
Concen: 254.92 ug/l  
RT: 7.362 min Scan# 909  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

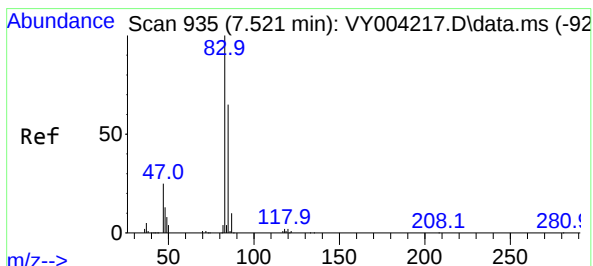
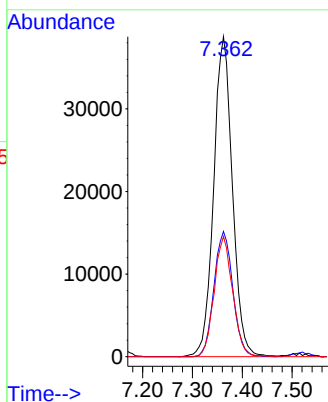
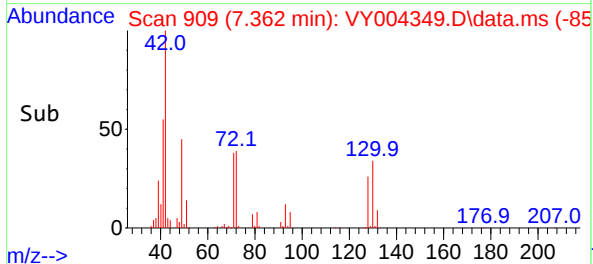
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



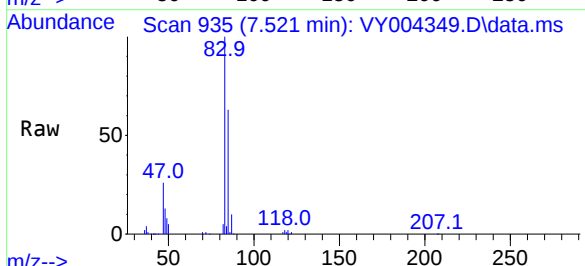
Tgt Ion: 42 Resp: 101116  
Ion Ratio Lower Upper  
42 100  
72 39.3 35.1 52.7  
71 37.0 32.9 49.3

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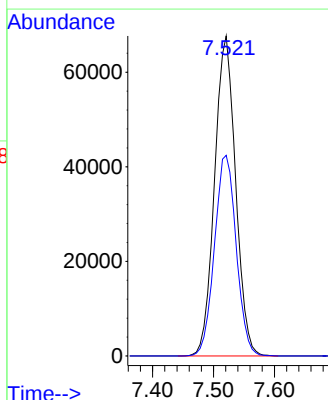
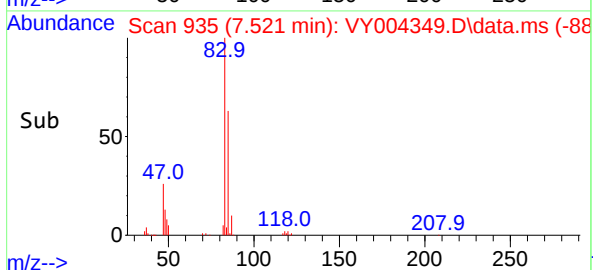
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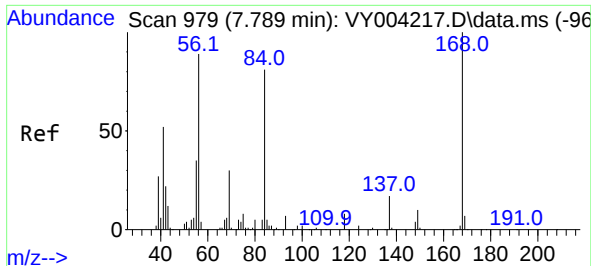


#30  
Chloroform  
Concen: 52.52 ug/l  
RT: 7.521 min Scan# 935  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

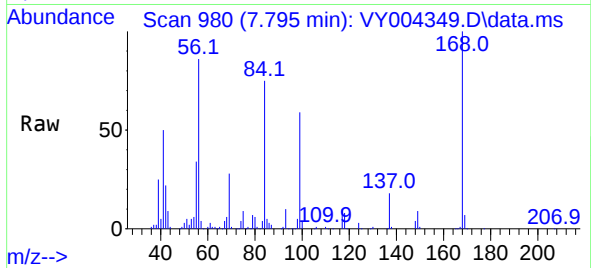


Tgt Ion: 83 Resp: 162174  
Ion Ratio Lower Upper  
83 100  
85 62.7 51.7 77.5

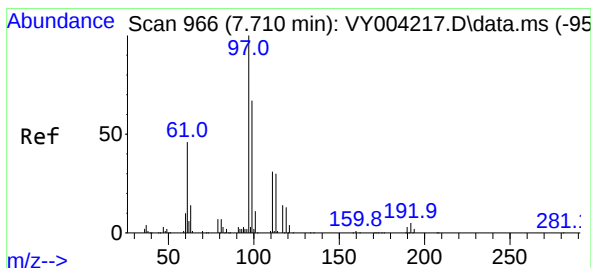
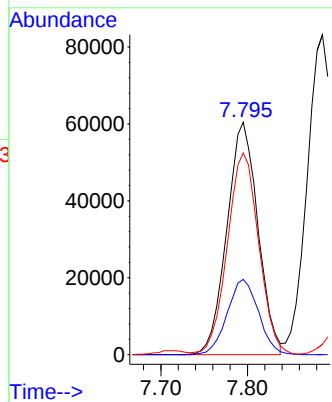
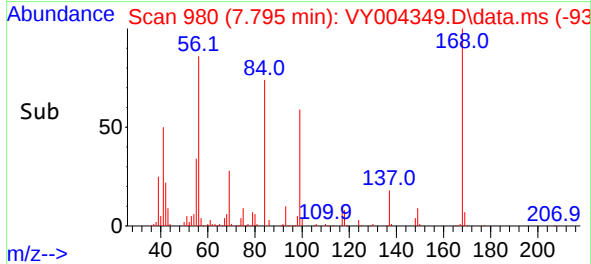




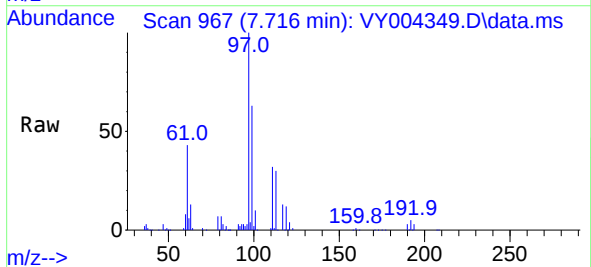
#31  
Cyclohexane  
Concen: 52.64 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



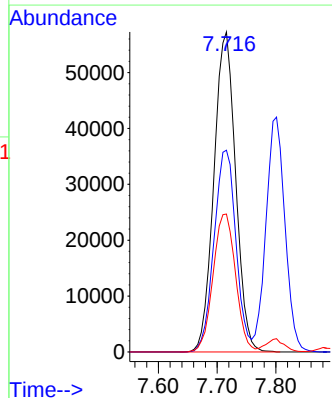
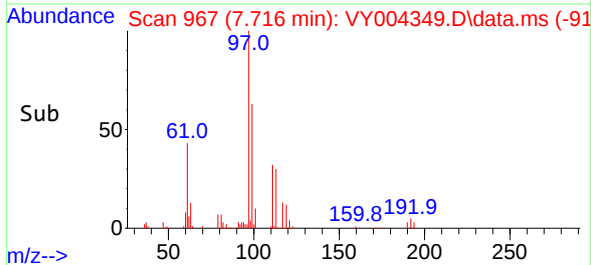
Tgt Ion: 56 Resp: 150495  
Ion Ratio Lower Upper  
56 100  
69 32.3 26.6 40.0  
84 85.2 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 52.04 ug/l  
RT: 7.716 min Scan# 967  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



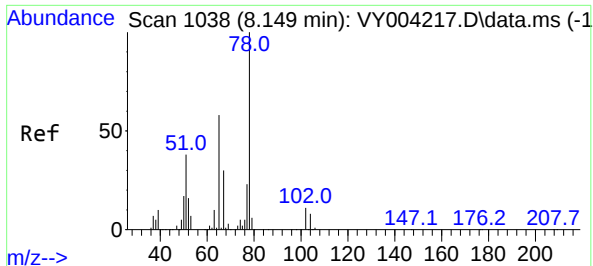
Tgt Ion: 97 Resp: 147015  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.8 77.6  
61 44.7 34.6 51.8



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

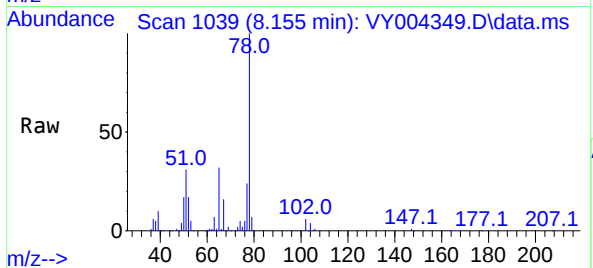
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#33  
1,2-Dichloroethane-d4  
Concen: 42.15 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

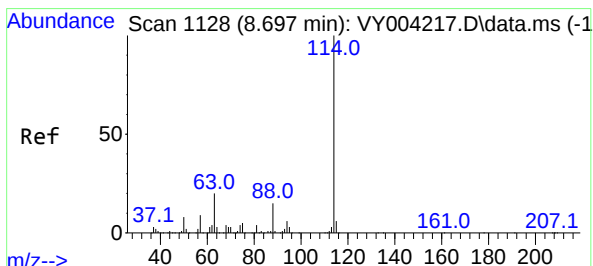
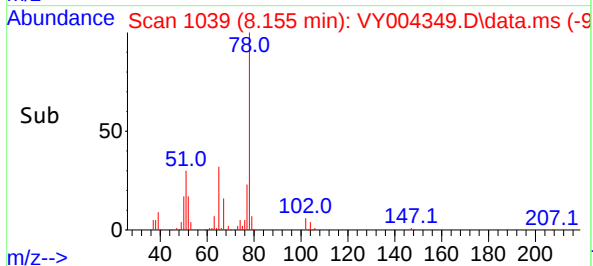
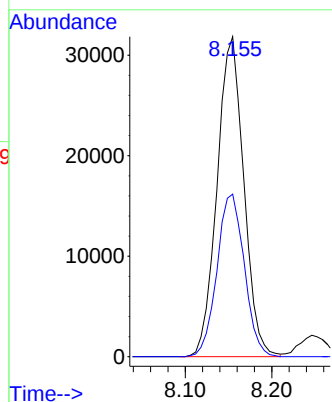
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 65 Resp: 68186  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 103.2

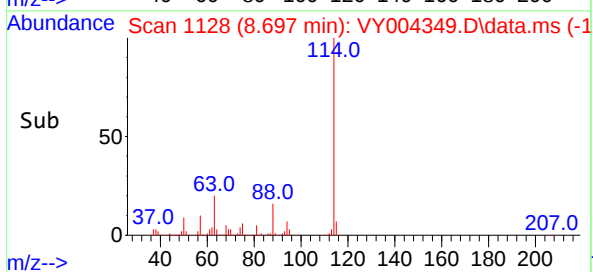
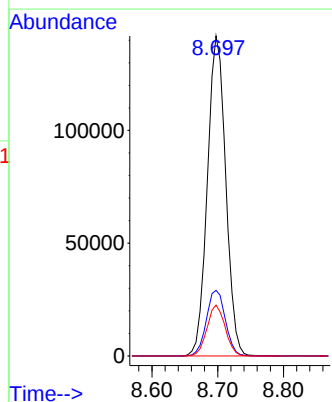
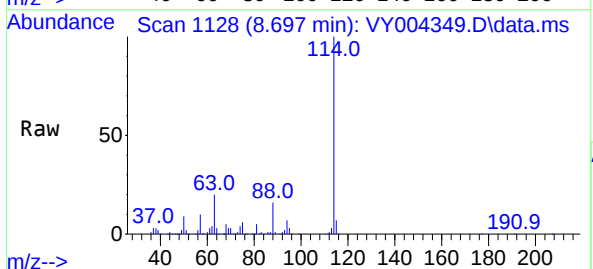
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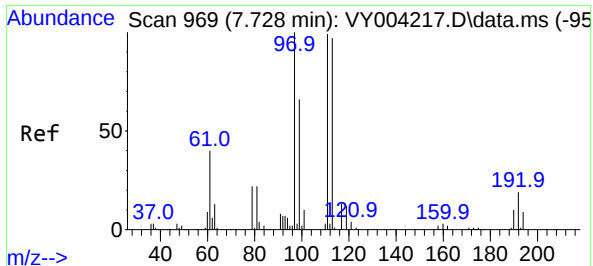
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 114 Resp: 275567  
Ion Ratio Lower Upper  
114 100  
63 20.5 0.0 40.4  
88 15.9 0.0 30.8





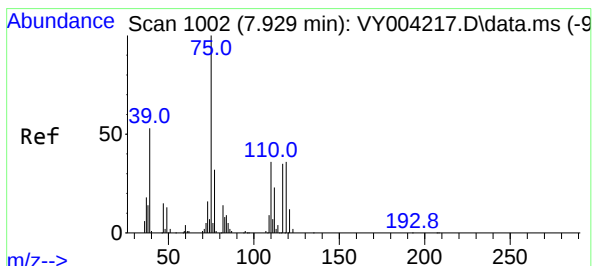
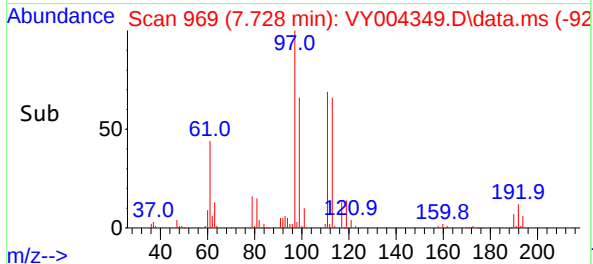
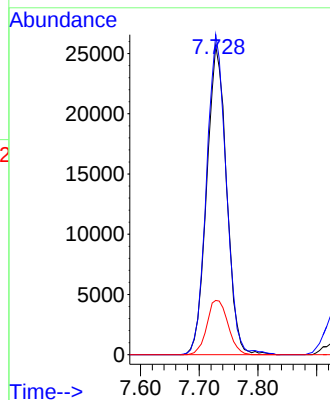
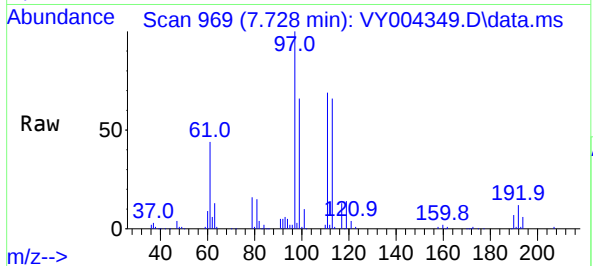
#35  
Dibromofluoromethane  
Concen: 39.24 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 60245 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.9 | 82.6  | 124.0 |
| 192      | 18.7  | 16.4  | 24.6  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

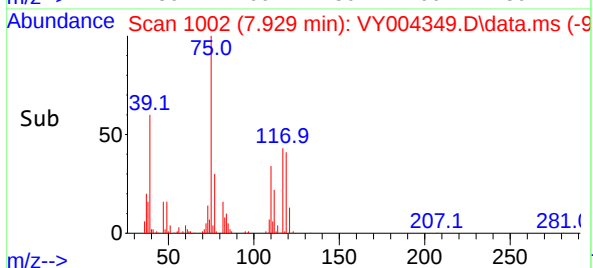
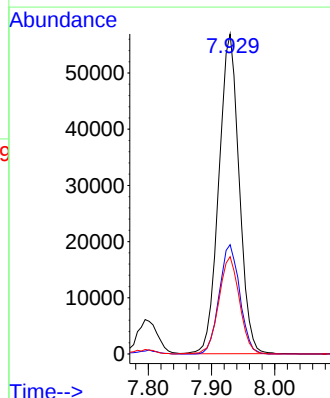
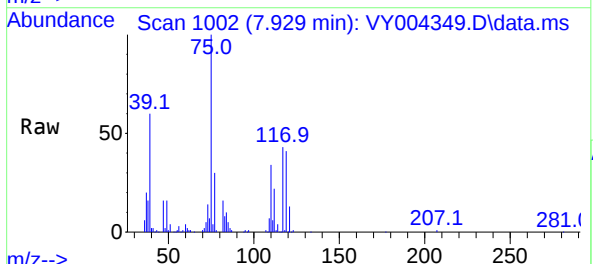
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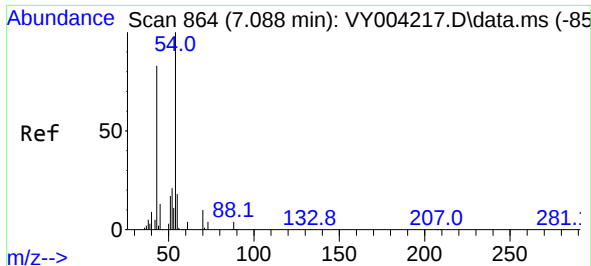
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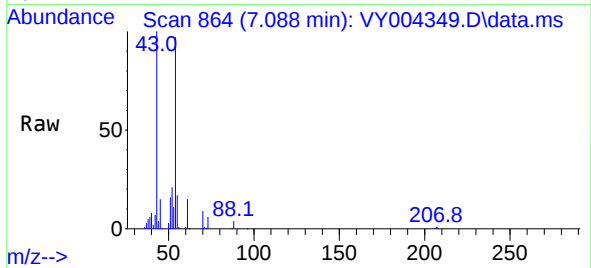
#36  
1,1-Dichloropropene  
Concen: 50.32 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 126575 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 34.4  | 18.1  | 54.3   |
| 77       | 30.9  | 25.1  | 37.7   |



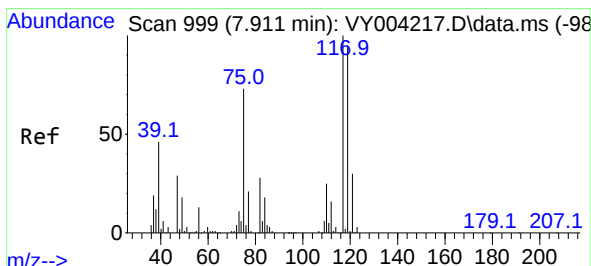
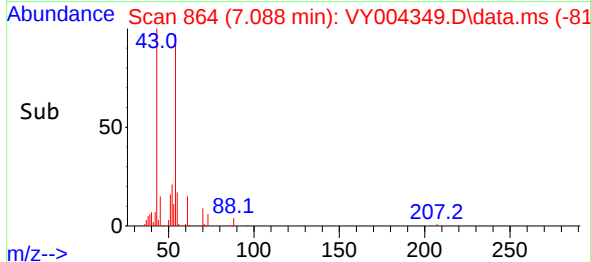
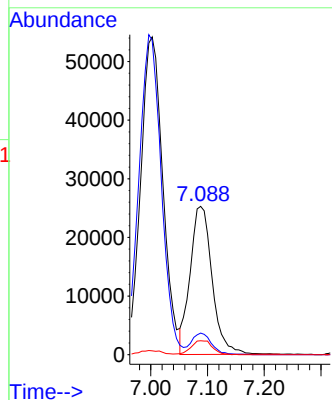


#37  
Ethyl Acetate  
Concen: 46.13 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

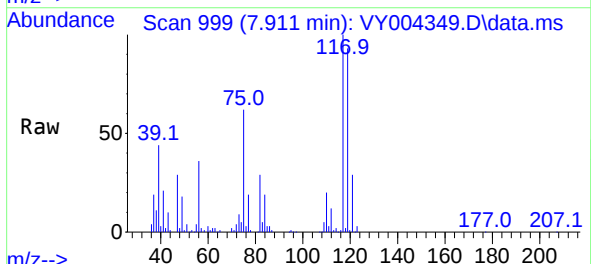


Tgt Ion: 43 Resp: 68081

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.5  | 10.2  | 15.2  |
| 70  | 9.2   | 8.0   | 12.0  |

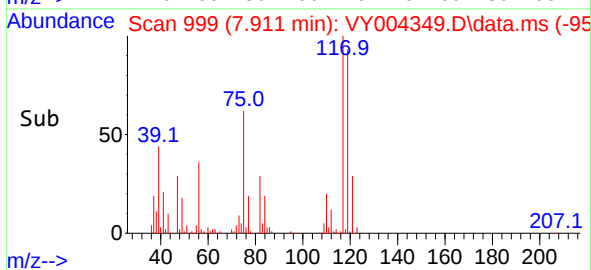
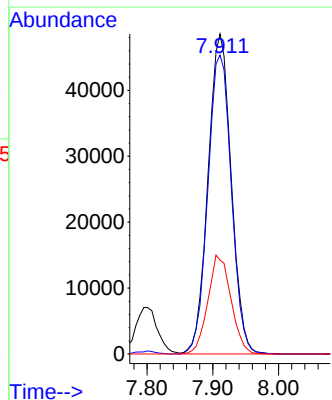


#38  
Carbon Tetrachloride  
Concen: 54.52 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 117 Resp: 119268

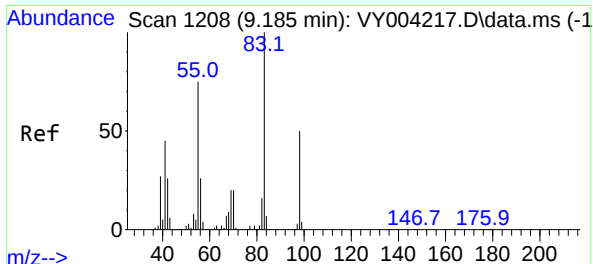
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.4  | 75.6  | 113.4 |
| 121 | 29.3  | 24.3  | 36.5  |



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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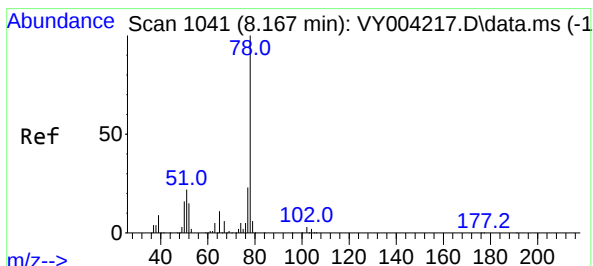
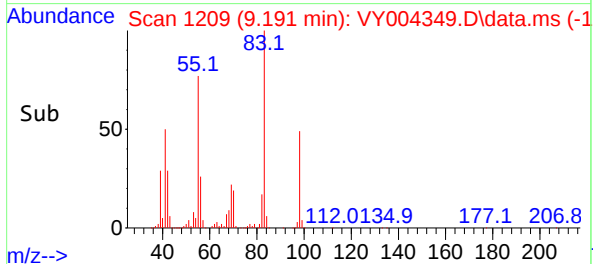
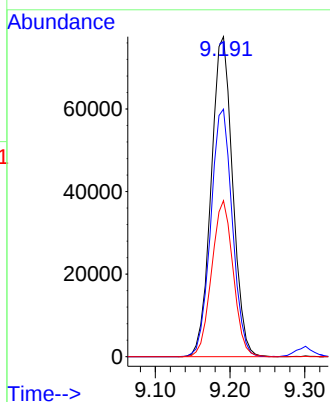
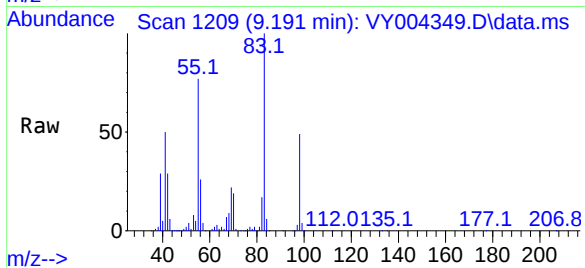
#39  
Methylcyclohexane  
Concen: 49.81 ug/l  
RT: 9.191 min Scan# 1209  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 83 Resp: 155127  
Ion Ratio Lower Upper  
83 100  
55 77.3 60.0 90.0  
98 48.8 40.2 60.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

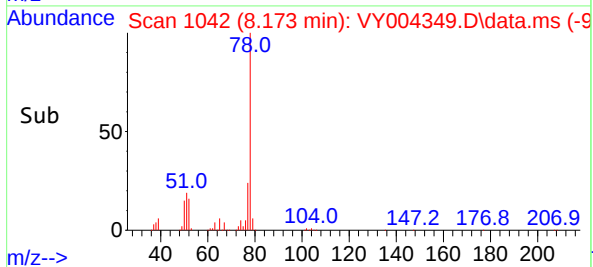
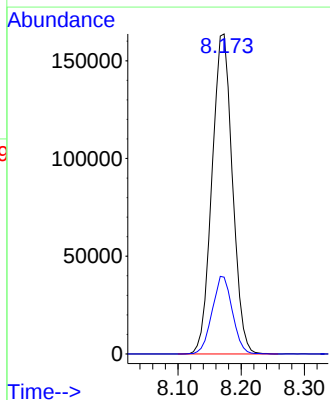
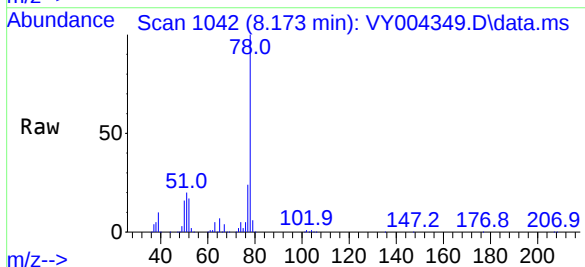
Manual Integrations  
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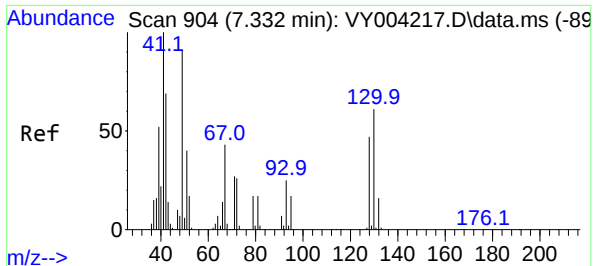
MMDadoda  
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#40  
Benzene  
Concen: 51.38 ug/l  
RT: 8.173 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

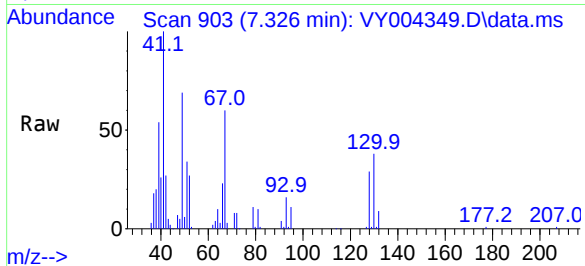
Tgt Ion: 78 Resp: 366358  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.3 27.5





#41  
Methacrylonitrile  
Concen: 43.23 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

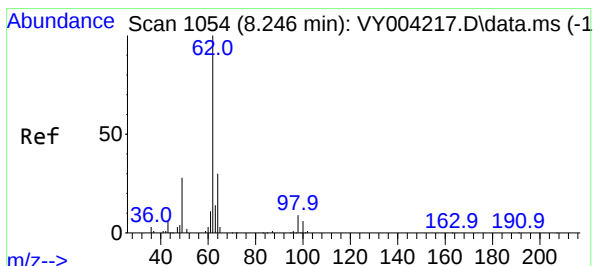
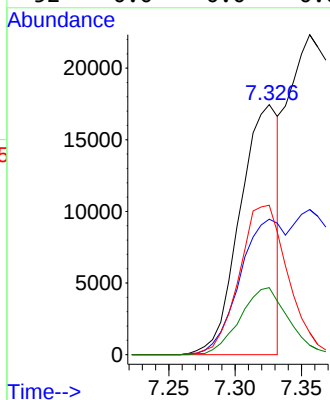
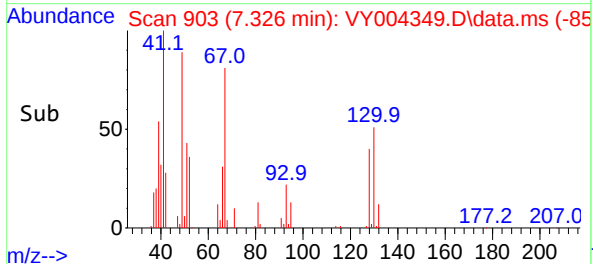
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



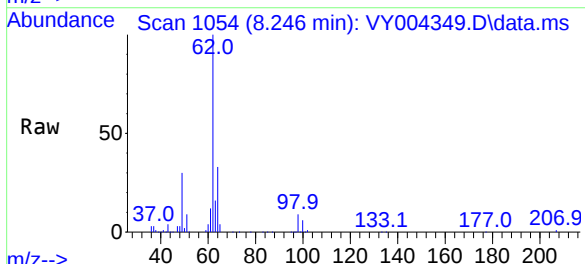
Tgt Ion: 41 Resp: 35344  
Ion Ratio Lower Upper  
41 100  
39 0.0 103.4 155.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

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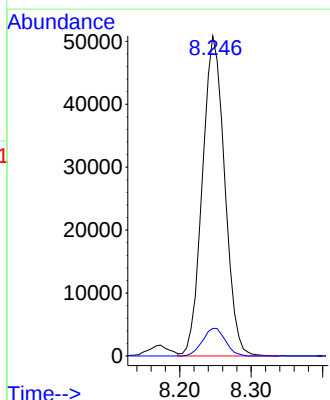
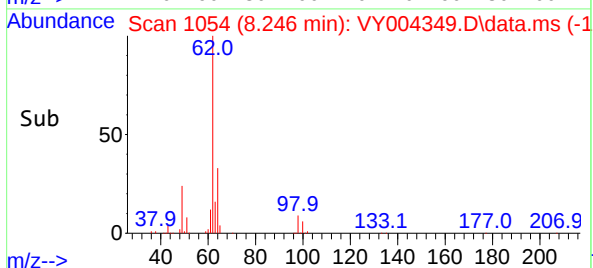
MMDadoda  
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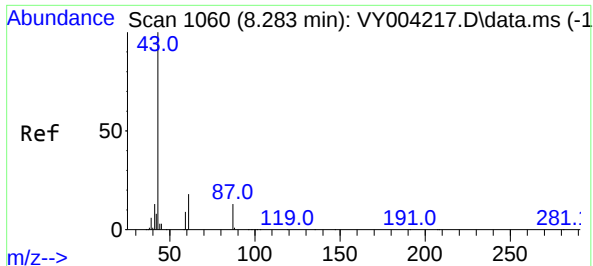


#42  
1,2-Dichloroethane  
Concen: 49.13 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 62 Resp: 110104  
Ion Ratio Lower Upper  
62 100  
98 8.8 0.0 18.6





#43

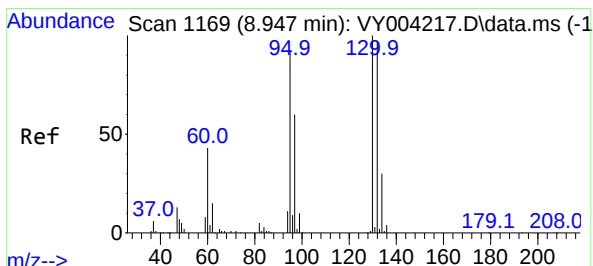
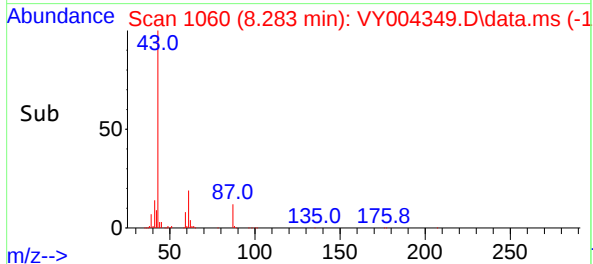
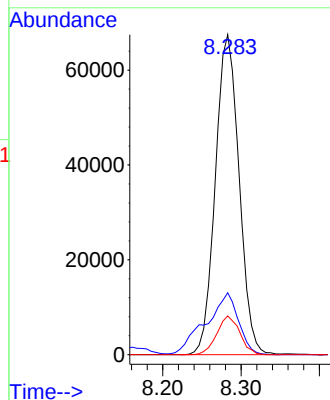
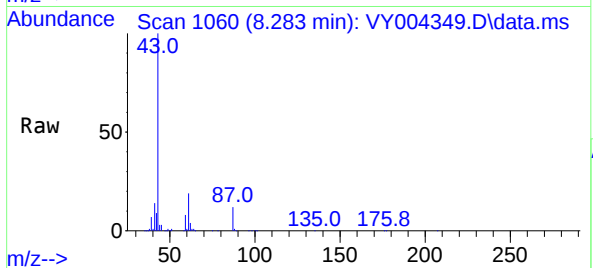
Isopropyl Acetate  
Concen: 50.84 ug/l  
RT: 8.283 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 43 Resp: 142054  
Ion Ratio Lower Upper  
43 100  
61 26.7 21.9 32.9  
87 11.7 10.6 15.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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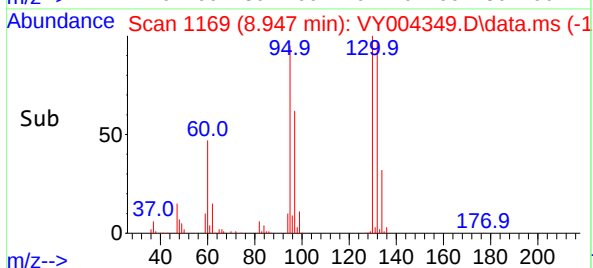
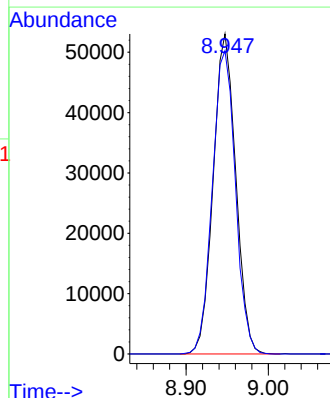
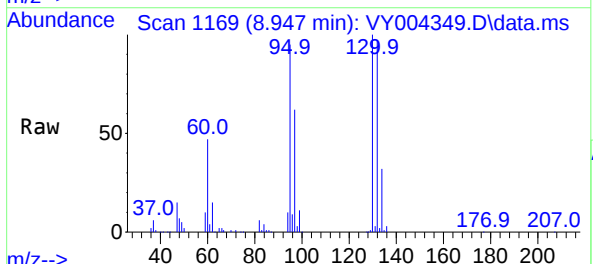
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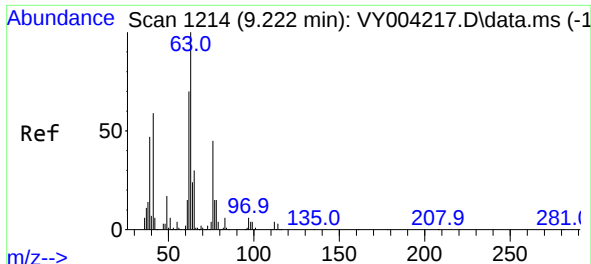


#44

Trichloroethene  
Concen: 44.53 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:130 Resp: 101107  
Ion Ratio Lower Upper  
130 100  
95 94.8 0.0 183.0





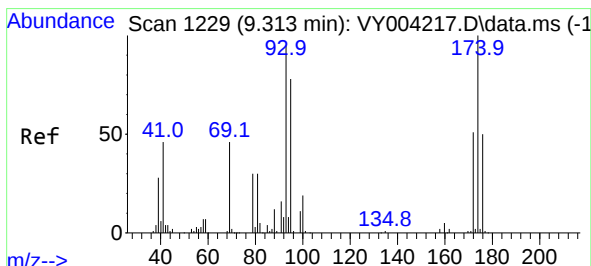
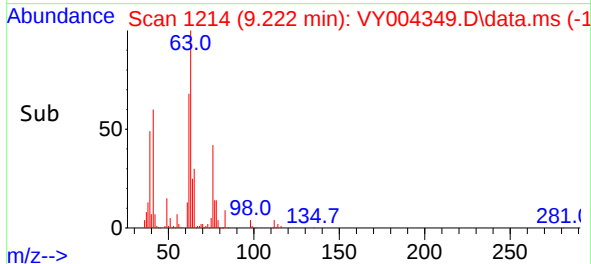
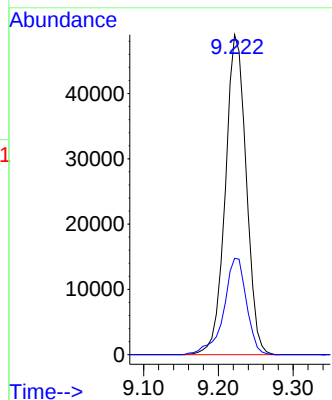
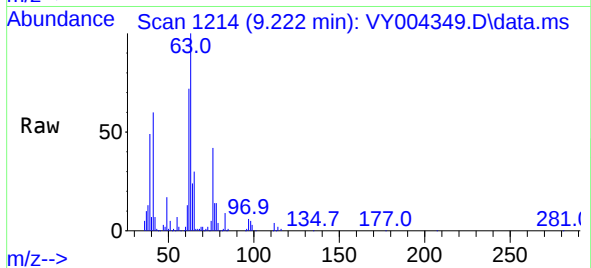
#45  
1,2-Dichloropropane  
Concen: 54.14 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 63 Resp: 95419  
Ion Ratio Lower Upper  
63 100  
65 30.1 23.7 35.5

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

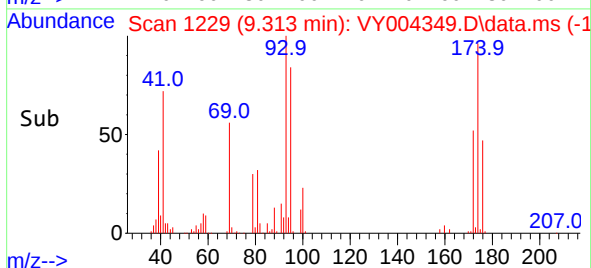
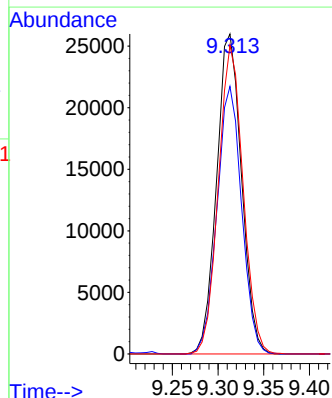
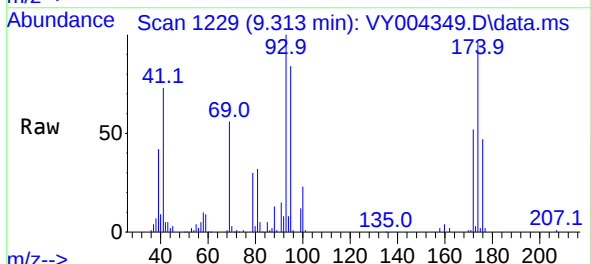
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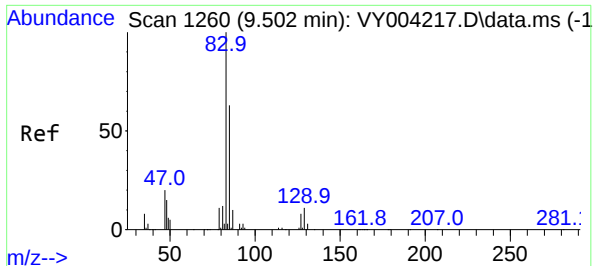
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#46  
Dibromomethane  
Concen: 47.56 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 93 Resp: 49284  
Ion Ratio Lower Upper  
93 100  
95 82.6 64.6 97.0  
174 95.3 82.7 124.1





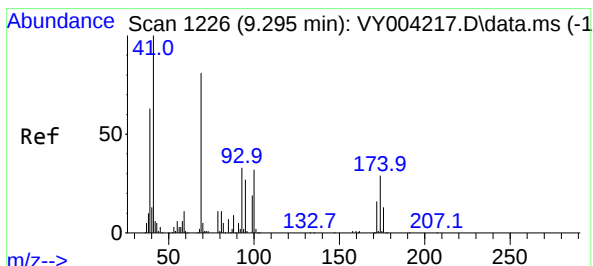
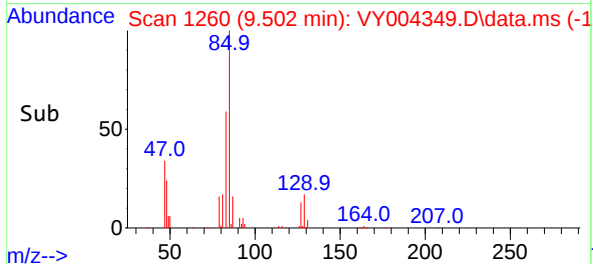
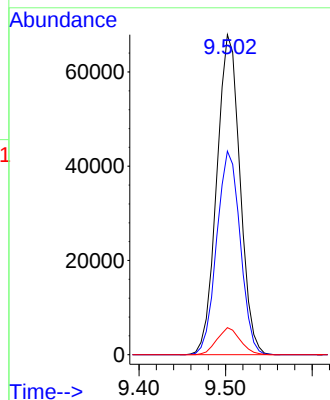
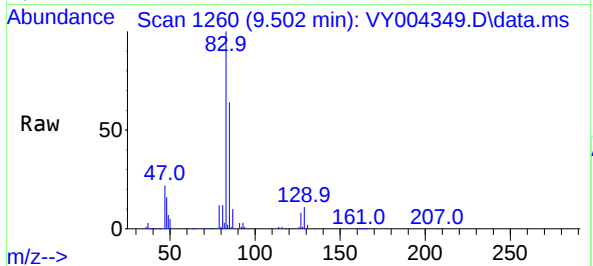
#47  
Bromodichloromethane  
Concen: 51.18 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 83 Resp: 126514  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.3 75.5  
127 8.5 6.7 10.1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

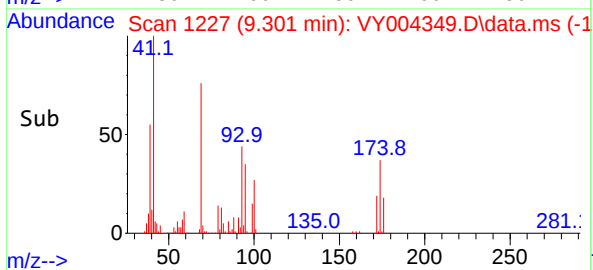
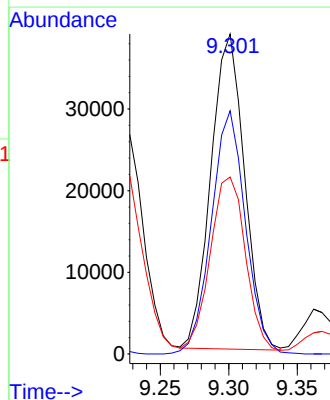
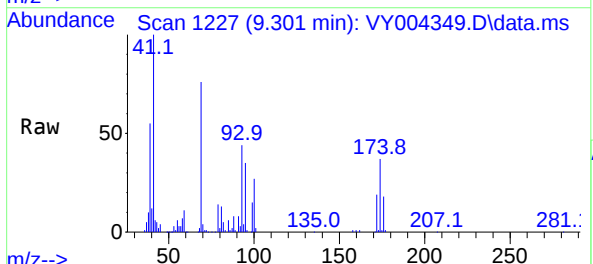
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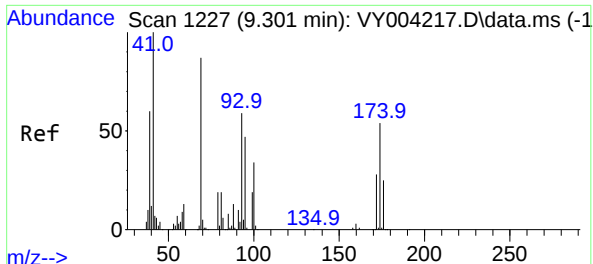
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#48  
Methyl methacrylate  
Concen: 51.82 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 41 Resp: 65764  
Ion Ratio Lower Upper  
41 100  
69 78.5 67.0 100.4  
39 60.5 49.0 73.6





#49  
1,4-Dioxane  
Concen: 940.88 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

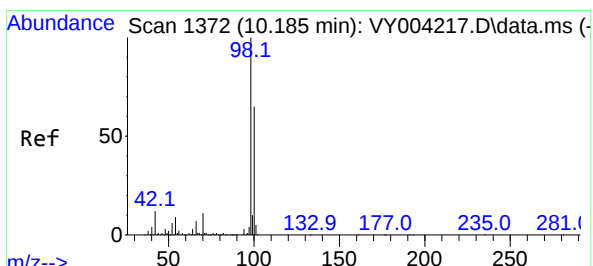
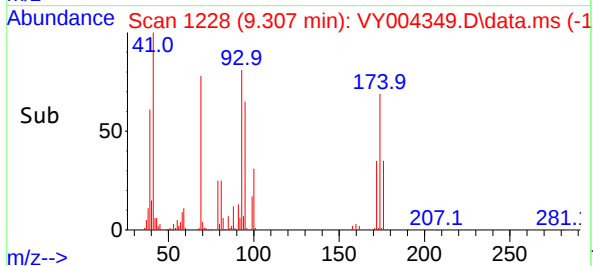
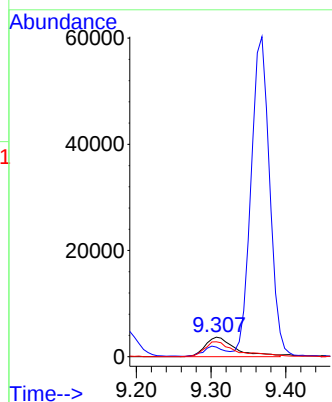
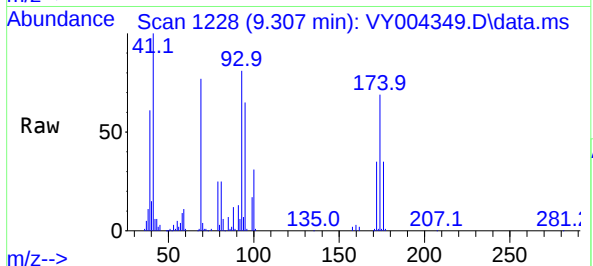
Tgt Ion: 88 Resp: 10434  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 37.3  | 26.8  | 40.2  |
| 58  | 81.3  | 46.2  | 69.2# |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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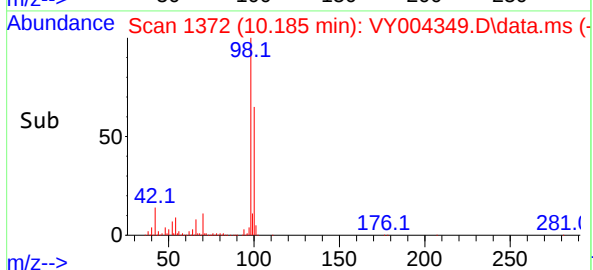
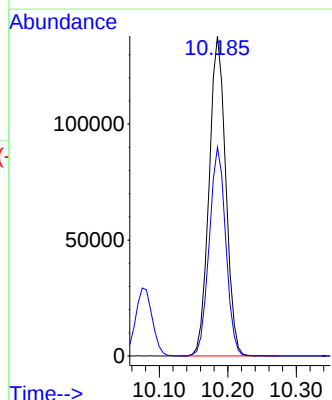
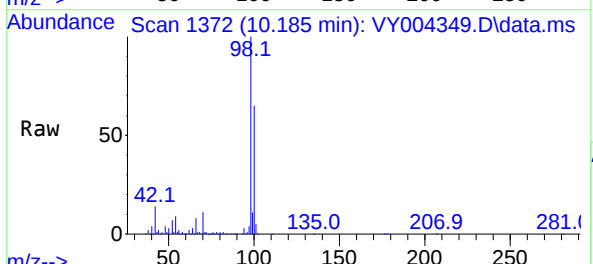
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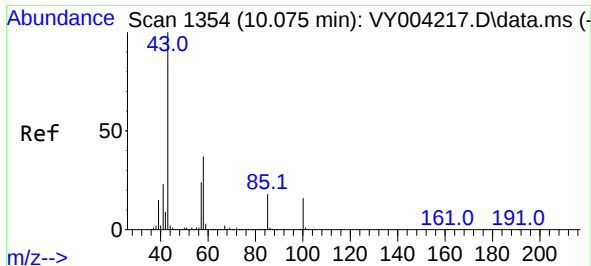


#50  
Toluene-d8  
Concen: 40.38 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 98 Resp: 233188  

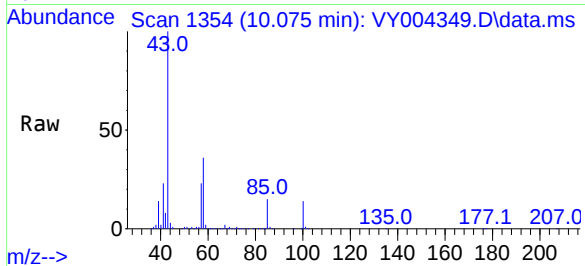
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.7  | 52.5  | 78.7  |





#51  
4-Methyl-2-Pentanone  
Concen: 250.90 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

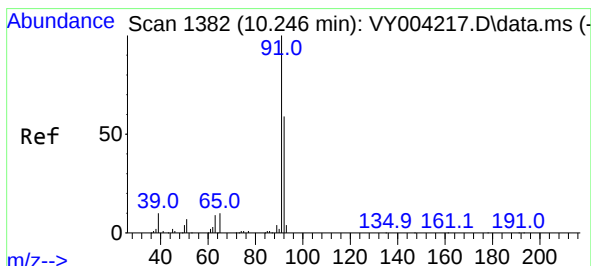
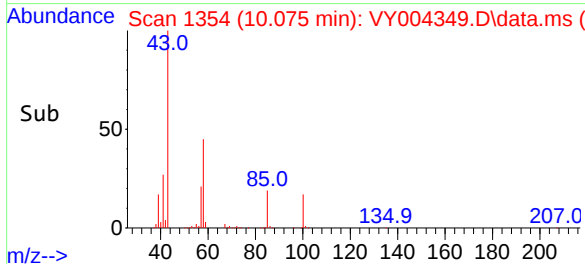
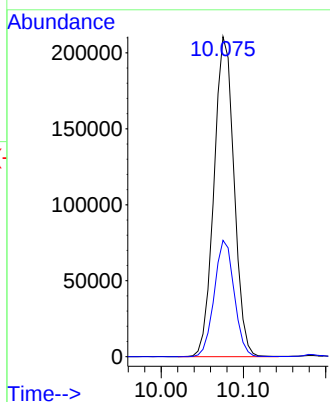
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



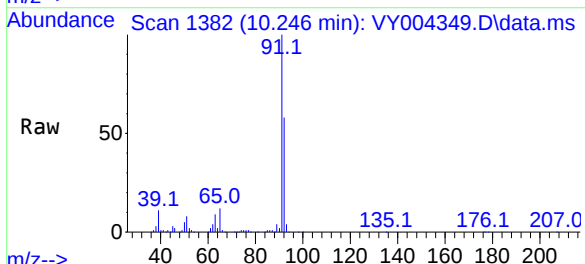
Tgt Ion: 43 Resp: 357185  
Ion Ratio Lower Upper  
43 100  
58 36.2 30.6 45.8

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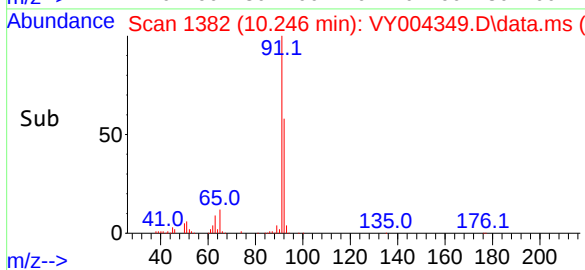
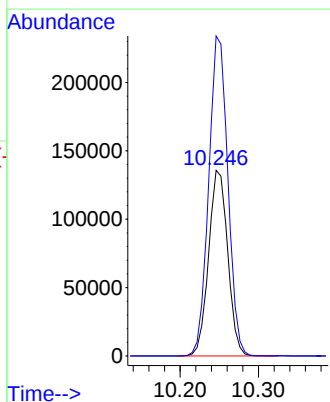
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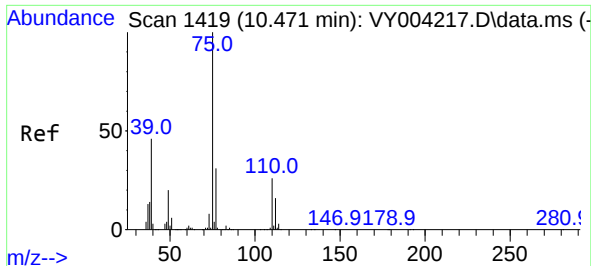


#52  
Toluene  
Concen: 50.07 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 92 Resp: 229522  
Ion Ratio Lower Upper  
92 100  
91 173.0 136.0 204.0





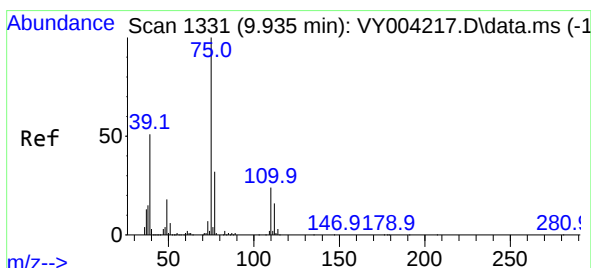
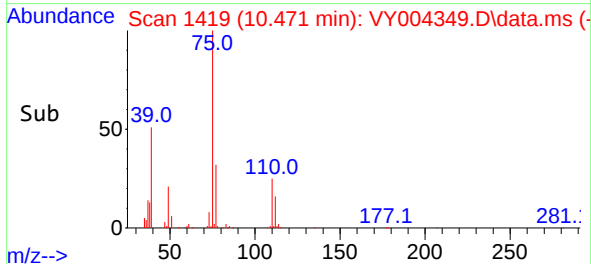
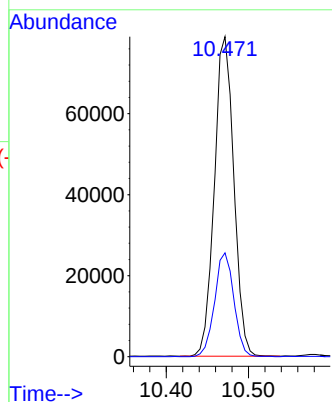
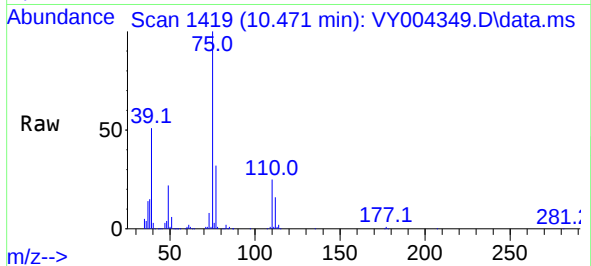
#53  
t-1,3-Dichloropropene  
Concen: 49.20 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 75 Resp: 129705  
Ion Ratio Lower Upper  
75 100  
77 32.5 24.4 36.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

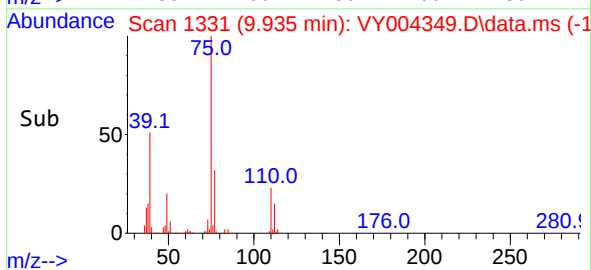
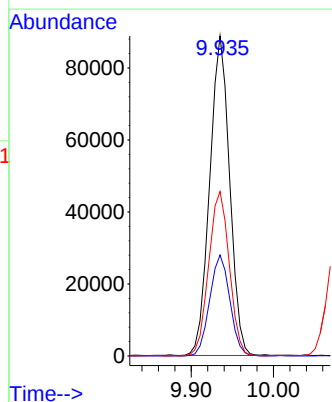
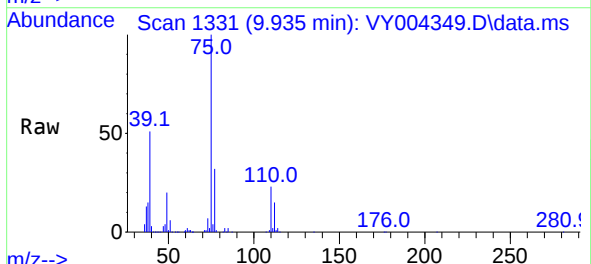
Manual Integrations  
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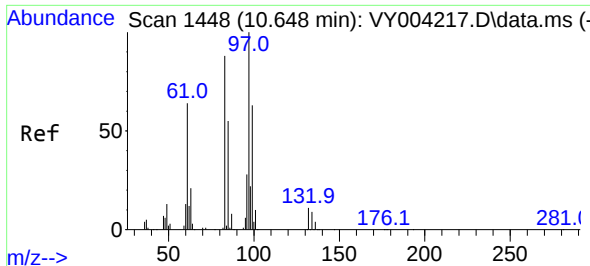
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 50.73 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

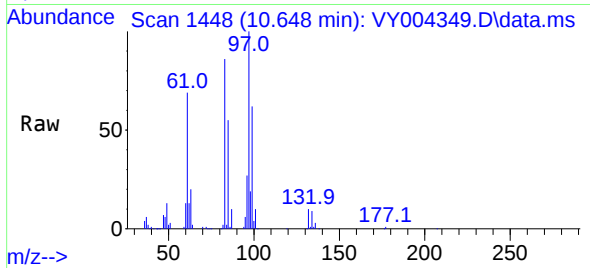
Tgt Ion: 75 Resp: 149412  
Ion Ratio Lower Upper  
75 100  
77 31.6 25.5 38.3  
39 51.5 40.6 61.0





#55  
1,1,2-Trichloroethane  
Concen: 48.07 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

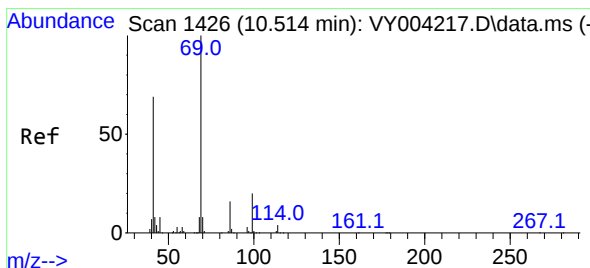
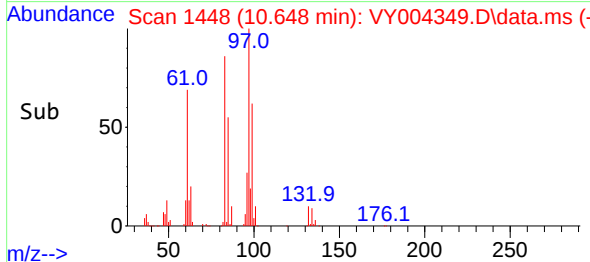
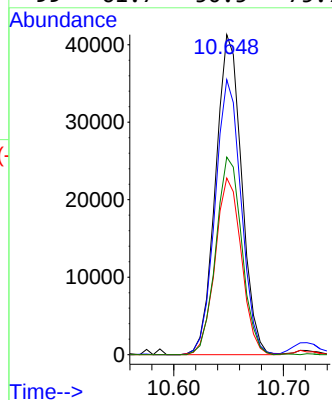


Tgt Ion: 97 Resp: 68237

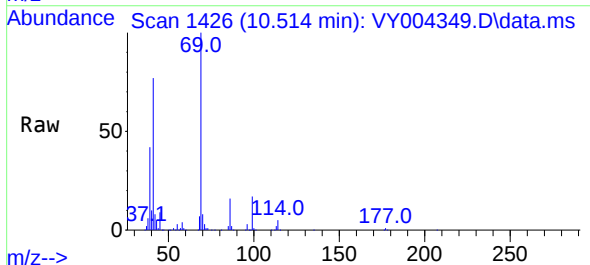
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.0  | 70.6  | 105.8 |
| 85  | 55.2  | 44.2  | 66.4  |
| 99  | 61.7  | 50.5  | 75.7  |

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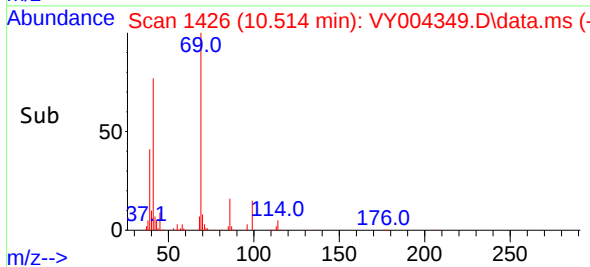
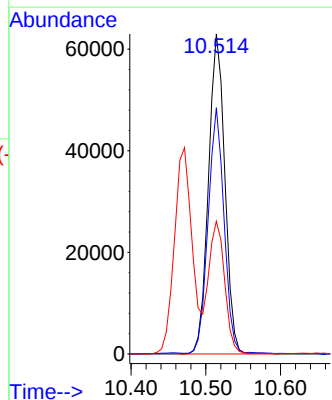


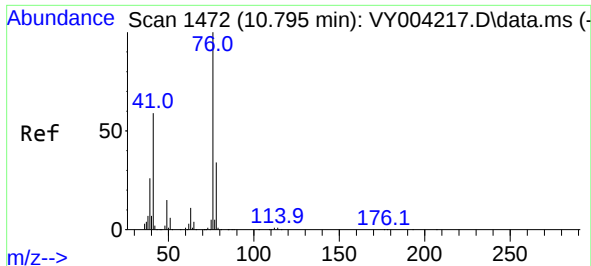
#56  
Ethyl methacrylate  
Concen: 49.19 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 69 Resp: 95811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 74.9  | 54.8  | 82.2  |
| 39  | 39.4  | 33.4  | 50.0  |





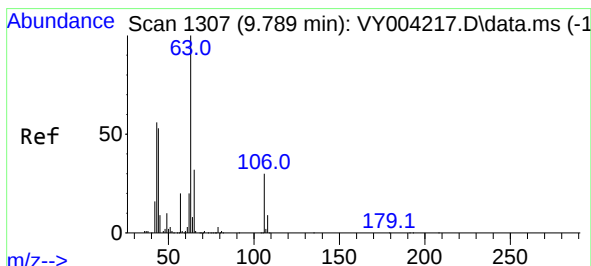
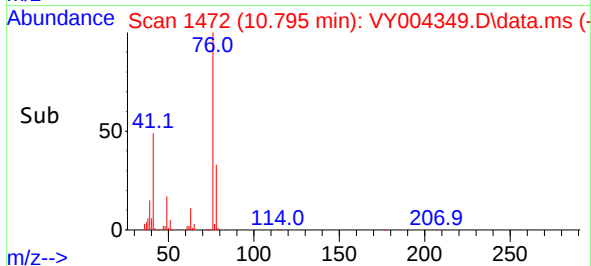
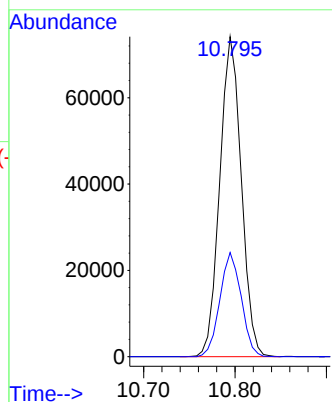
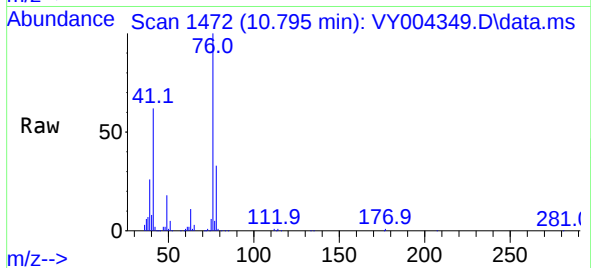
#57  
1,3-Dichloropropane  
Concen: 49.56 ug/l  
RT: 10.795 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 76 Resp: 121397  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.4 39.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

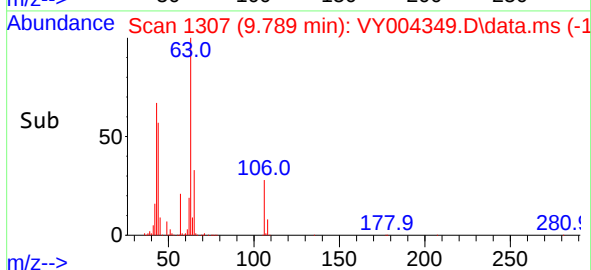
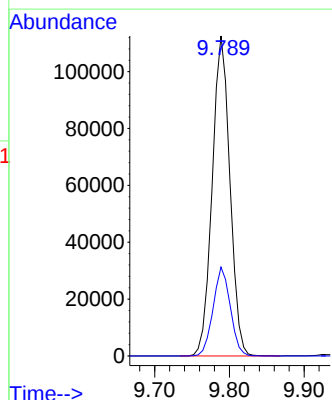
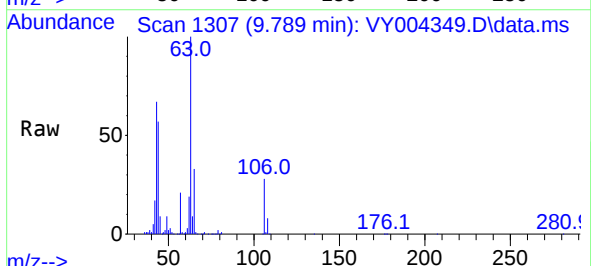
Manual Integrations  
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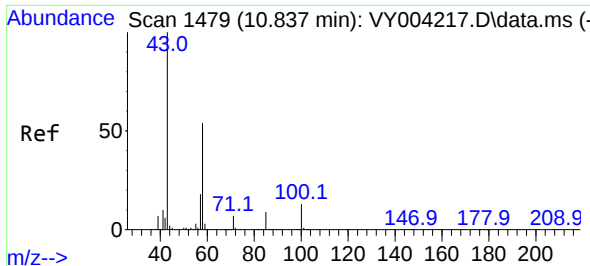
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#58  
2-Chloroethyl Vinyl ether  
Concen: 222.57 ug/l  
RT: 9.789 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

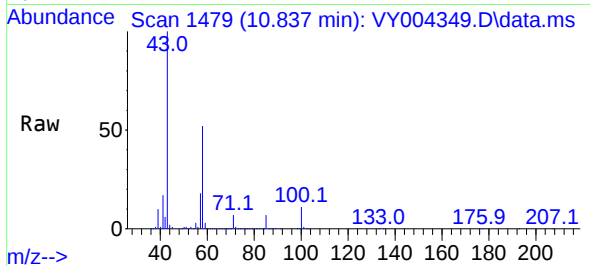
Tgt Ion: 63 Resp: 185471  
Ion Ratio Lower Upper  
63 100  
106 26.9 23.8 35.8





#59  
2-Hexanone  
Concen: 241.85 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

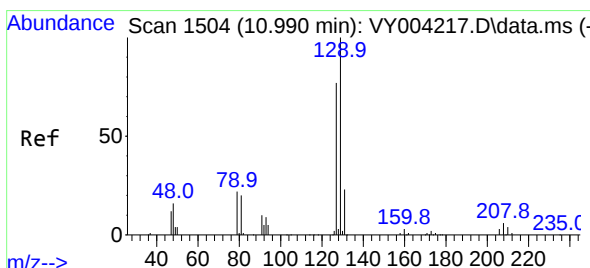
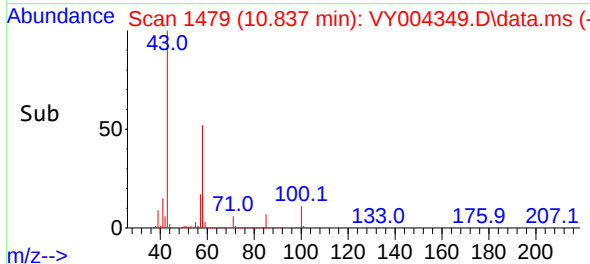
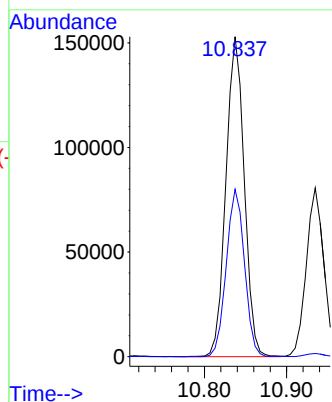
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 236695  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.7 80.1

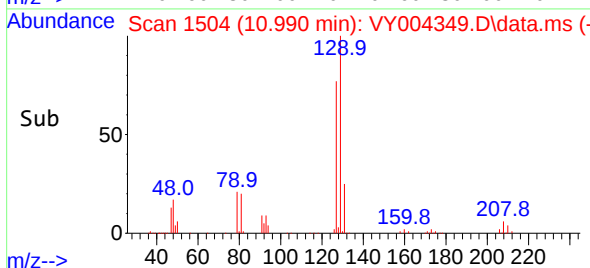
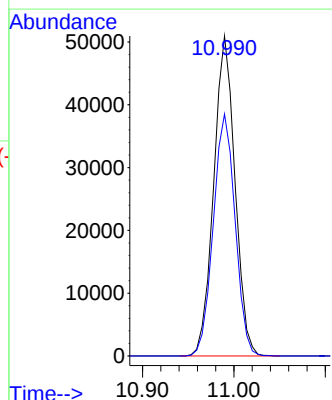
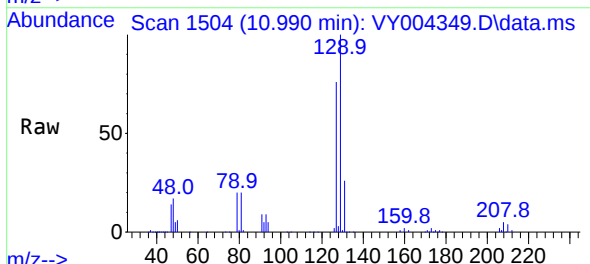
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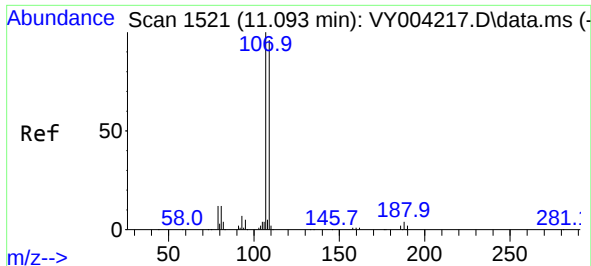
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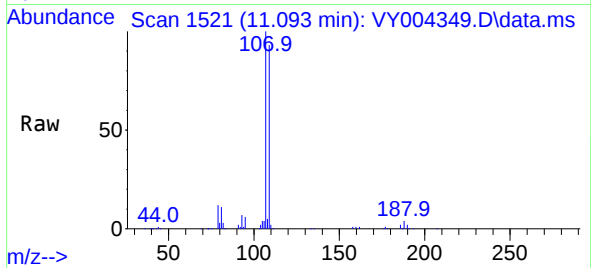
#60  
Dibromochloromethane  
Concen: 48.38 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 129 Resp: 82340  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.9 116.7

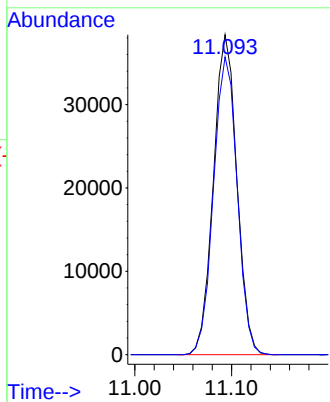
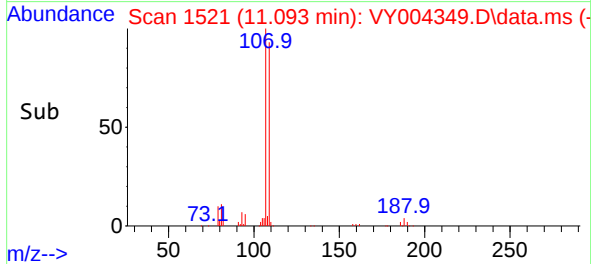




#61  
1,2-Dibromoethane  
Concen: 46.04 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



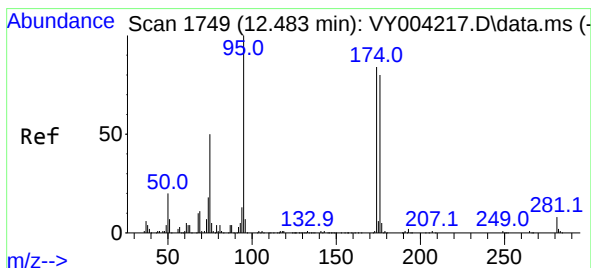
Tgt Ion: 107 Resp: 64502  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.6 113.4



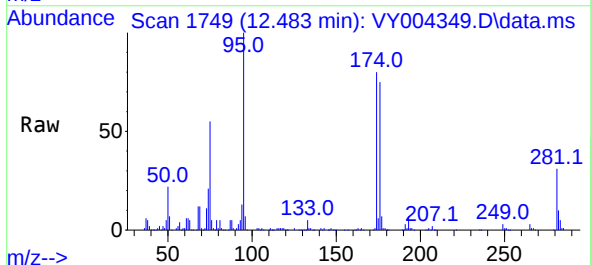
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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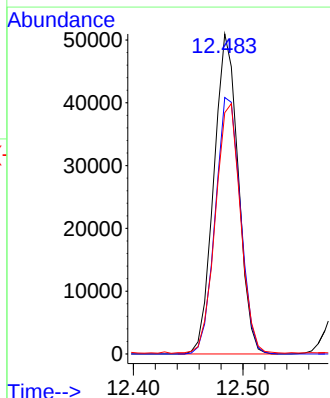
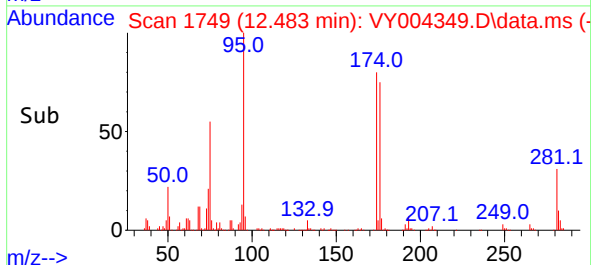
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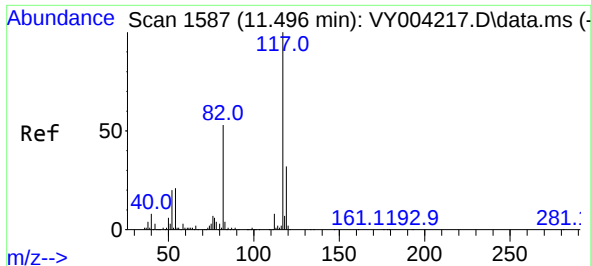


#62  
4-Bromofluorobenzene  
Concen: 39.80 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

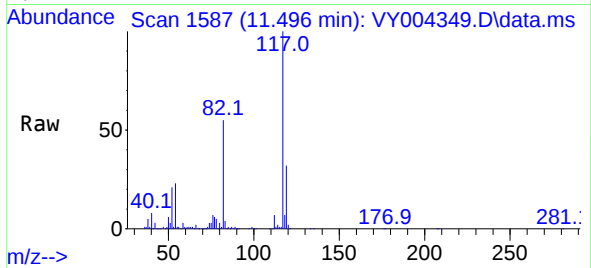


Tgt Ion: 95 Resp: 78780  
Ion Ratio Lower Upper  
95 100  
174 82.6 0.0 171.4  
176 80.3 0.0 165.6

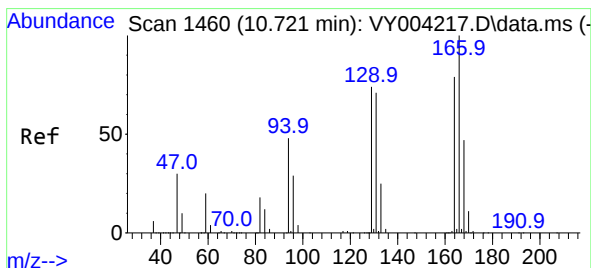
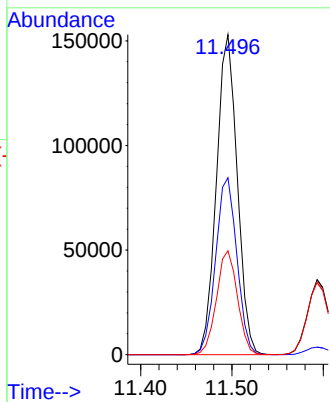
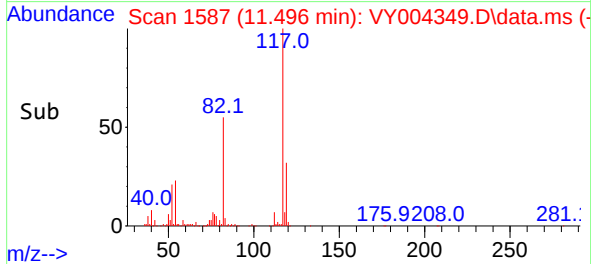




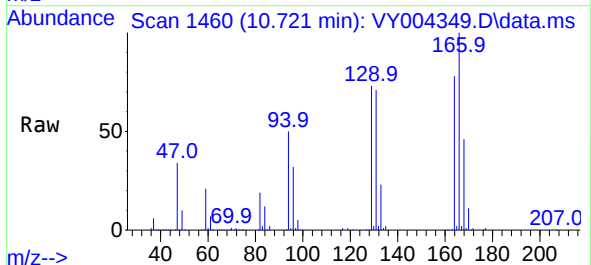
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



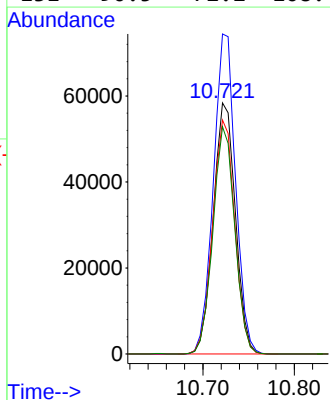
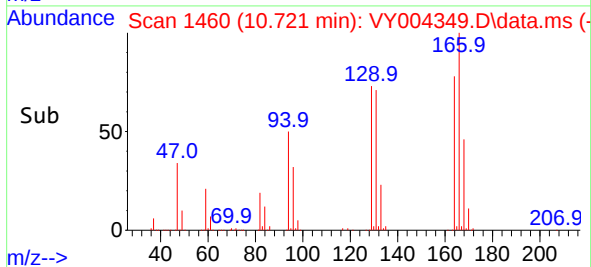
Tgt Ion:117 Resp: 242466  
Ion Ratio Lower Upper  
117 100  
82 55.3 42.7 64.1  
119 32.4 25.7 38.5



#64  
Tetrachloroethene  
Concen: 41.30 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



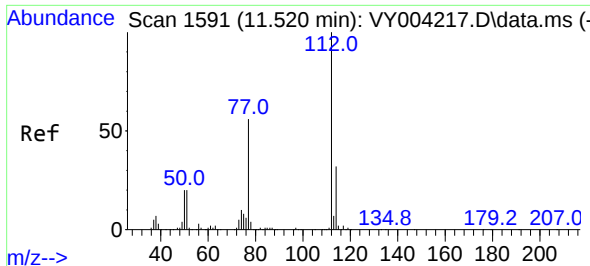
Tgt Ion:164 Resp: 98529  
Ion Ratio Lower Upper  
164 100  
166 127.5 101.3 151.9  
129 93.1 75.3 112.9  
131 90.5 72.2 108.4



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

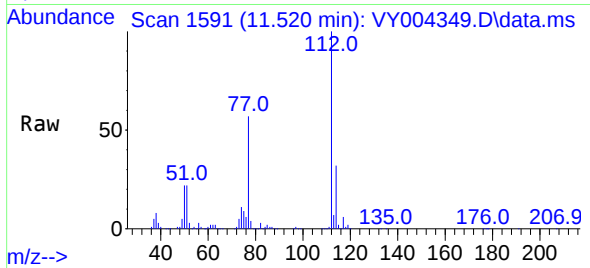
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#65  
Chlorobenzene  
Concen: 48.64 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

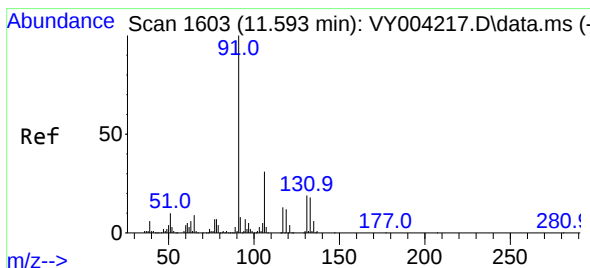
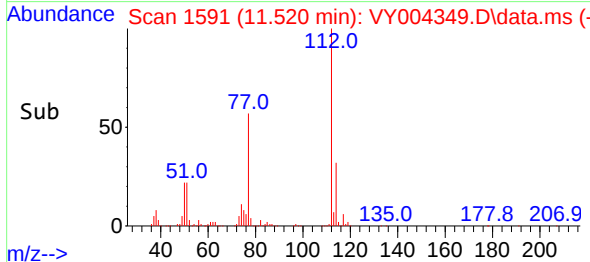
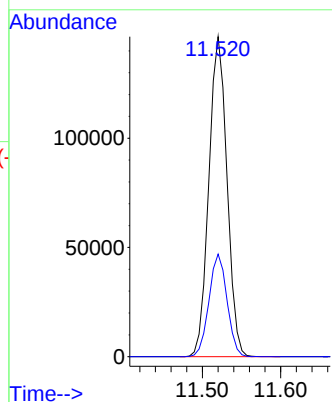
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



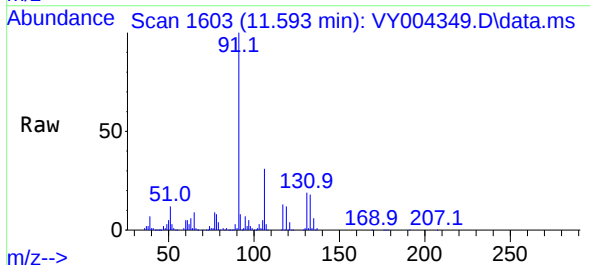
Tgt Ion:112 Resp: 235202  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.9 38.9

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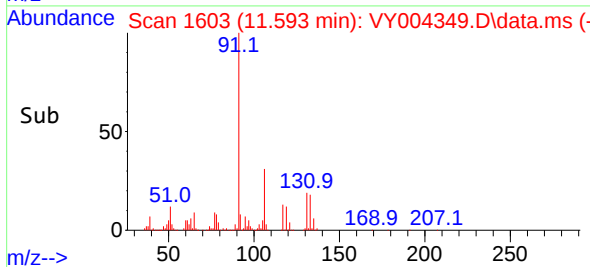
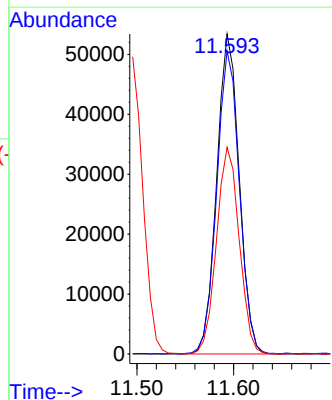
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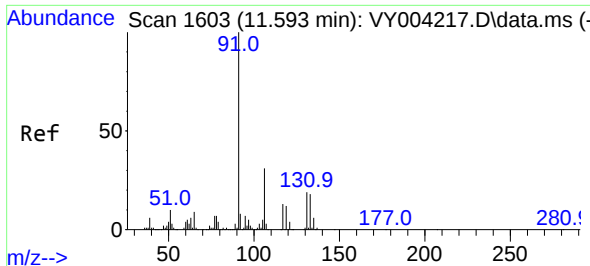


#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.60 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion:131 Resp: 85921  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.2 141.6  
119 65.5 32.1 96.5





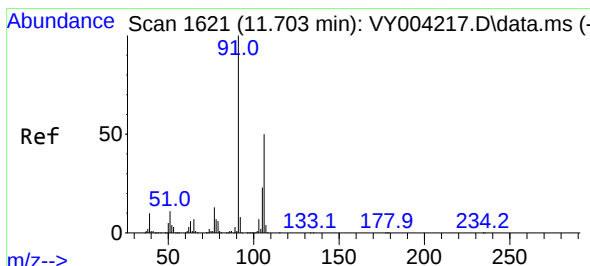
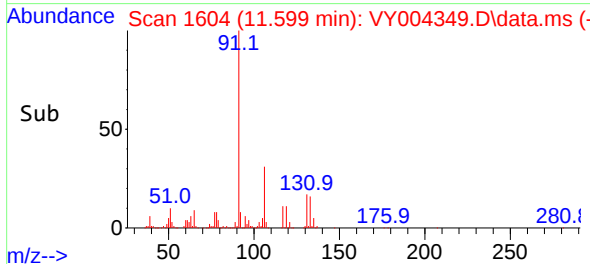
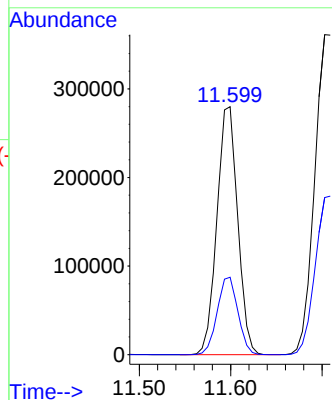
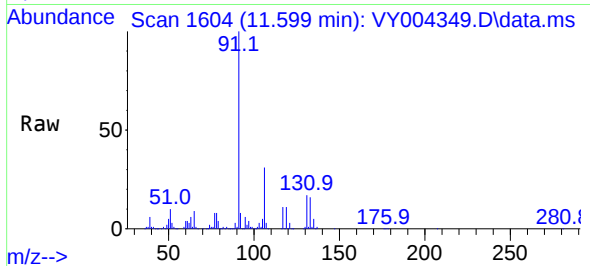
#67  
Ethyl Benzene  
Concen: 50.41 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 91 Resp: 442664  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.0 37.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

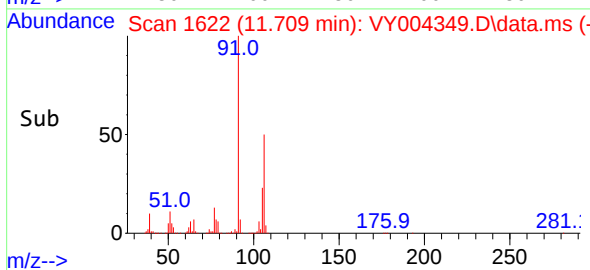
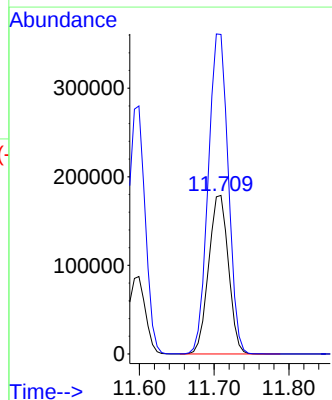
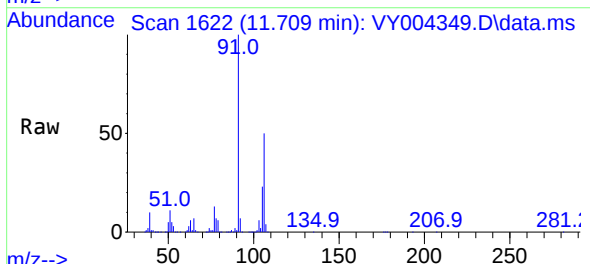
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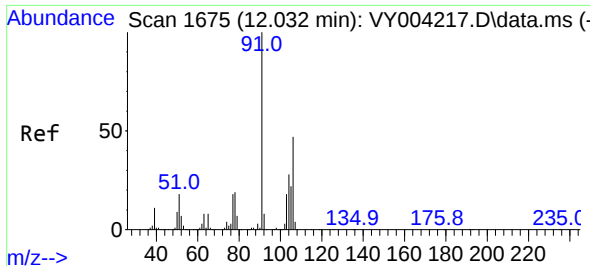
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#68  
m/p-Xylenes  
Concen: 97.56 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:106 Resp: 328944  
Ion Ratio Lower Upper  
106 100  
91 203.7 159.8 239.6





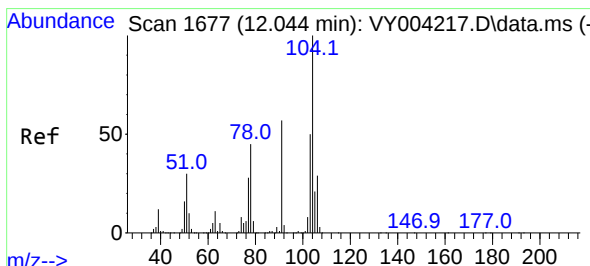
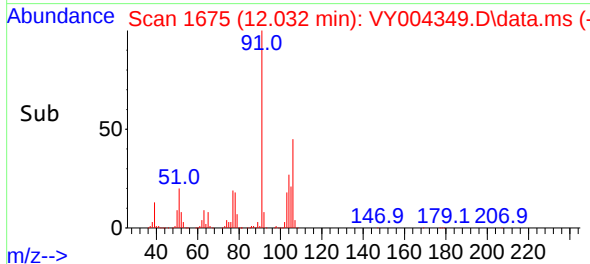
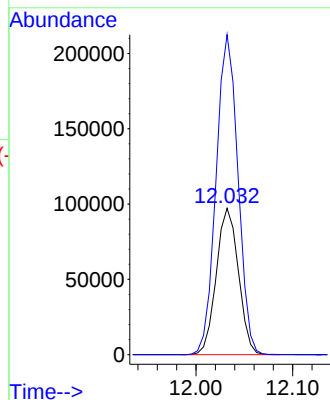
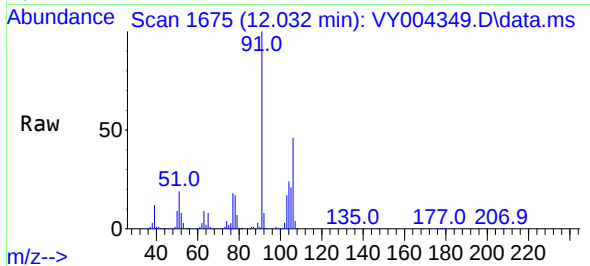
#69  
o-Xylene  
Concen: 48.92 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:106 Resp: 154341  
Ion Ratio Lower Upper  
106 100  
91 215.9 105.6 316.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

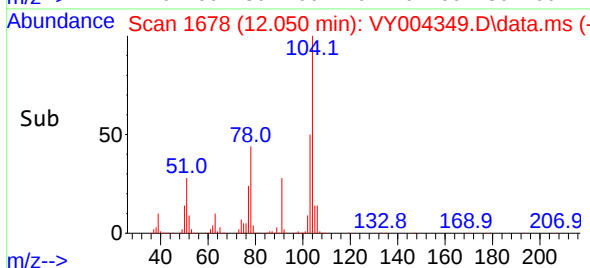
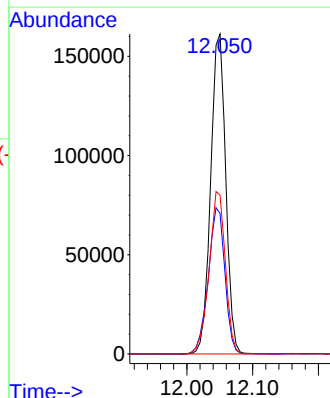
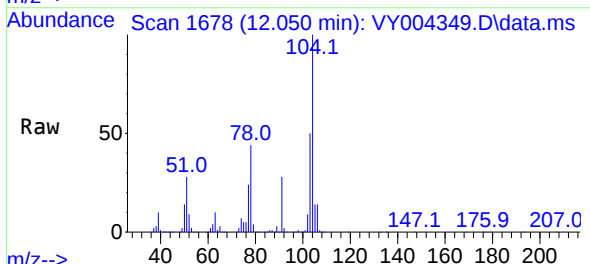
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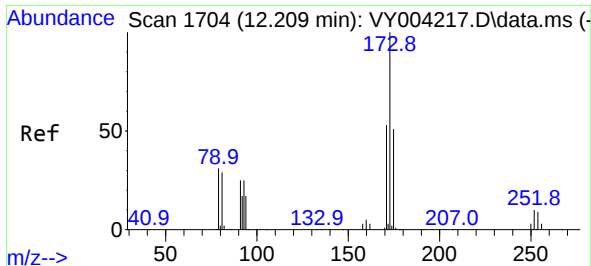
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#70  
Styrene  
Concen: 49.05 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:104 Resp: 257434  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.8 59.8  
103 54.8 43.3 64.9





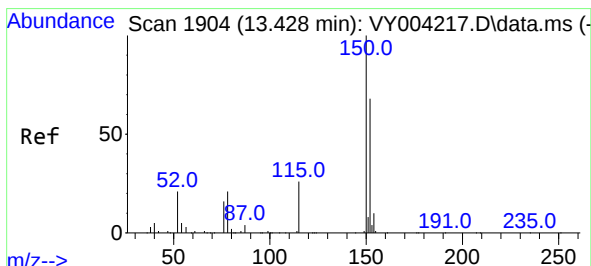
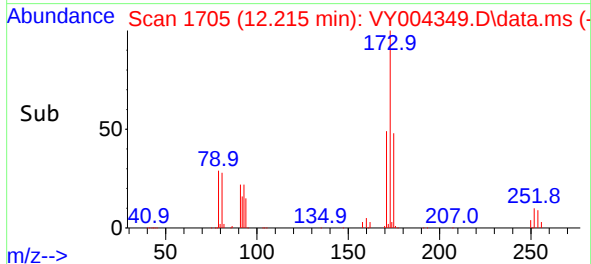
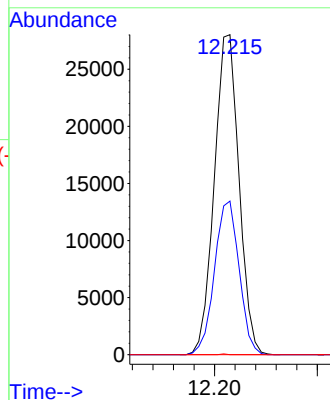
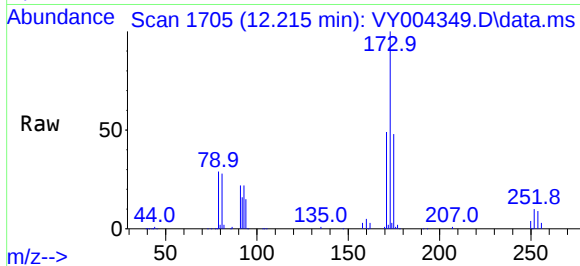
#71  
Bromoform  
Concen: 47.38 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:173 Resp: 46735  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.9 74.6  
254 0.0 0.0 0.0#

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

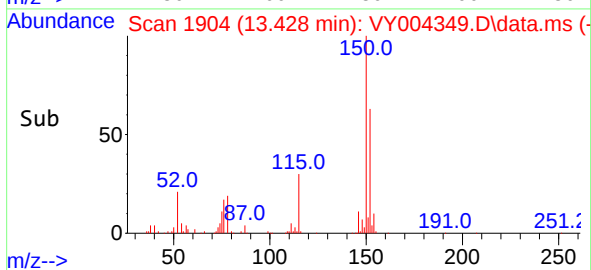
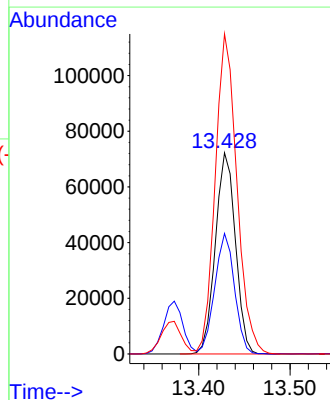
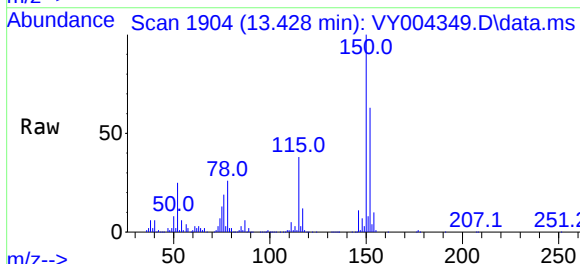
Manual Integrations  
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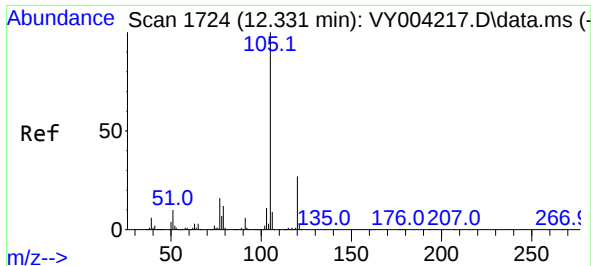
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:152 Resp: 110366  
Ion Ratio Lower Upper  
152 100  
115 59.0 29.0 87.1  
150 171.6 0.0 347.4





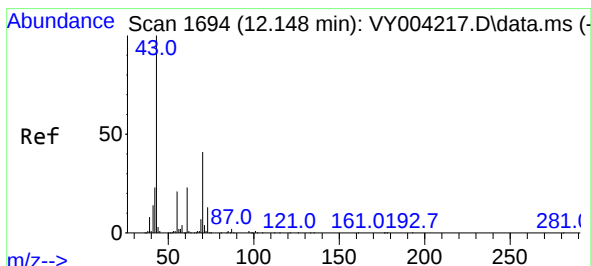
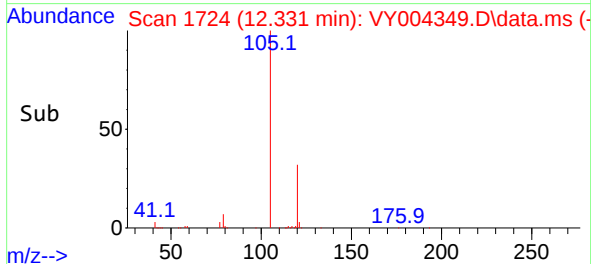
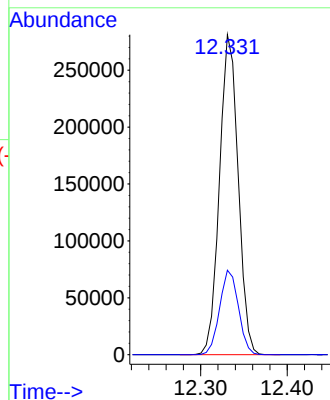
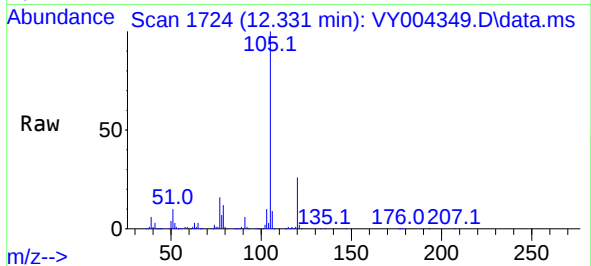
#73  
Isopropylbenzene  
Concen: 52.19 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 105 Resp: 420839  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.7 41.0

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

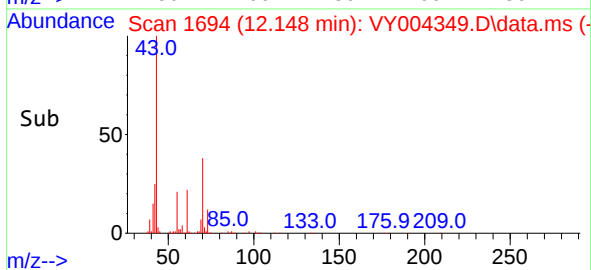
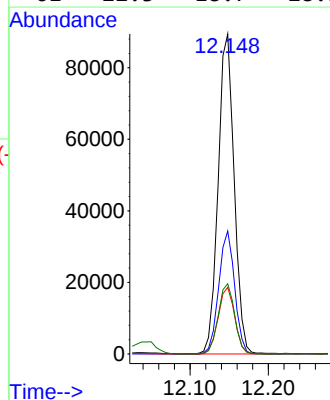
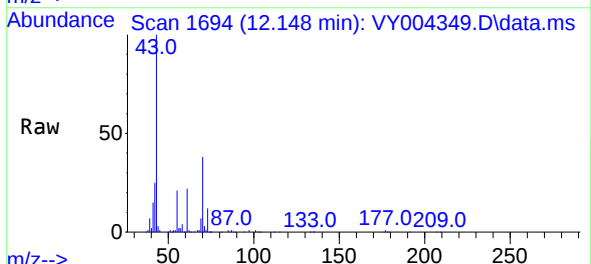
Manual Integrations  
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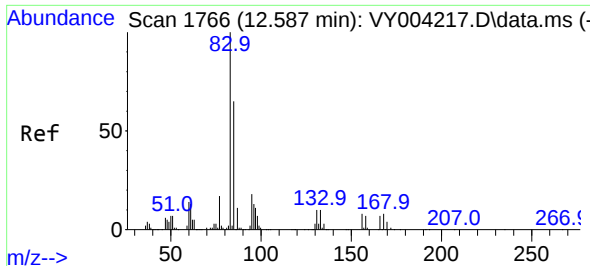
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4/9/2021 9:59:09 AM



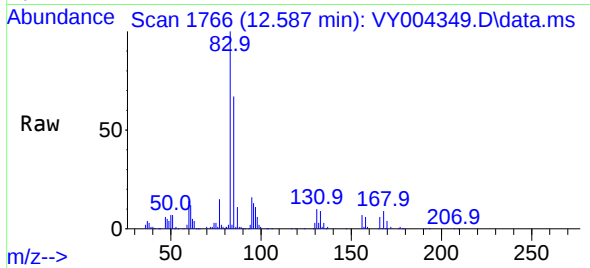
#74  
N-ethyl acetate  
Concen: 54.15 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 43 Resp: 127600  
Ion Ratio Lower Upper  
43 100  
70 38.1 32.6 49.0  
55 21.4 18.0 27.0  
61 22.3 18.7 28.1

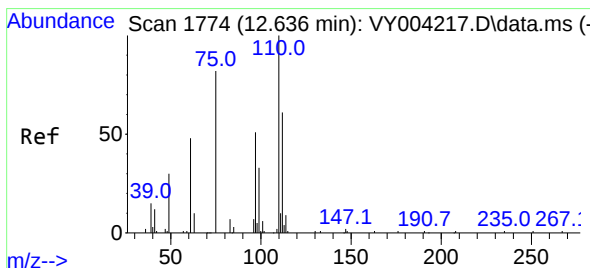
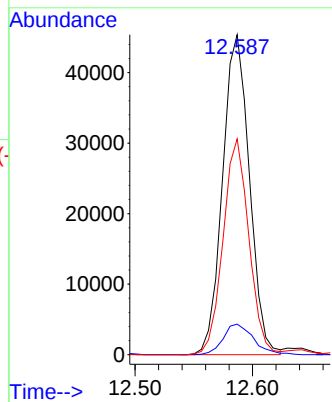
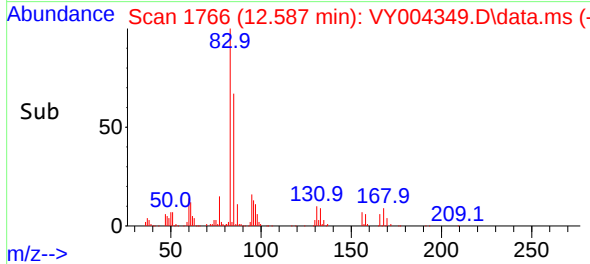




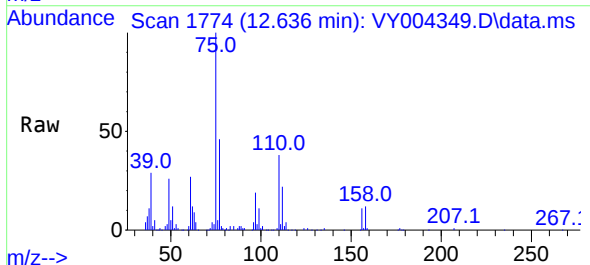
#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.31 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



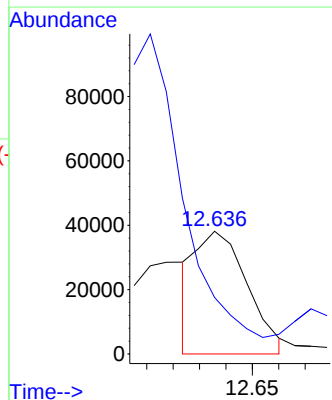
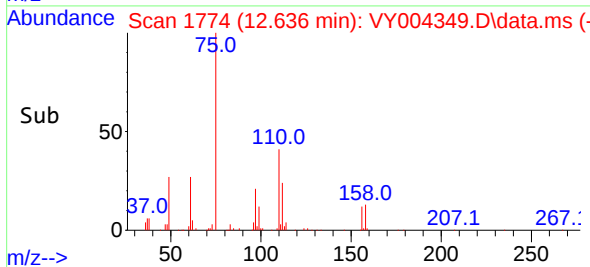
Tgt Ion: 83 Resp: 72099  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.6 16.8  
85 64.7 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 52.14 ug/l m  
RT: 12.636 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



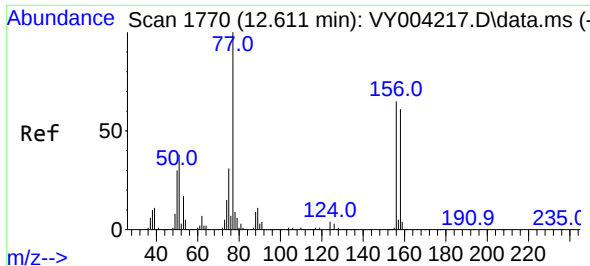
Tgt Ion: 75 Resp: 52255  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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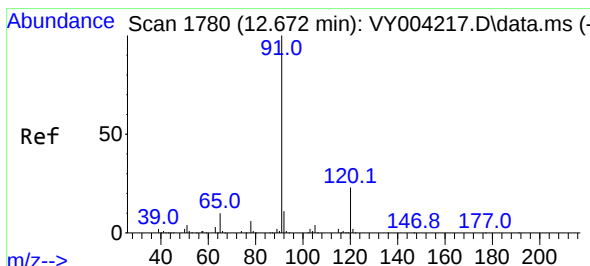
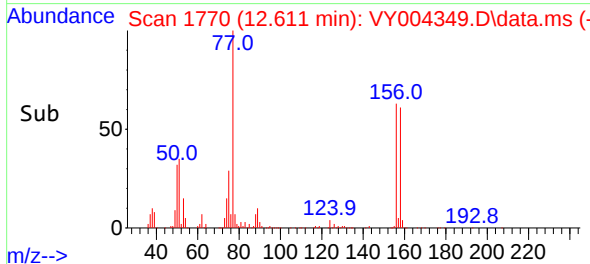
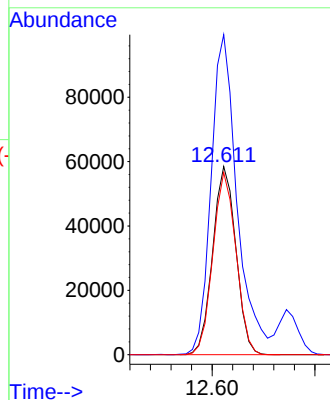
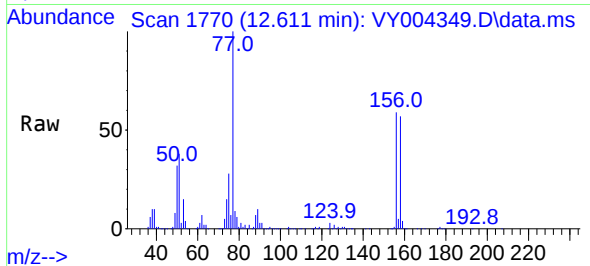
#77  
Bromobenzene  
Concen: 48.56 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 156 Resp: 91670  
Ion Ratio Lower Upper  
156 100  
77 190.1 88.6 265.9  
158 96.4 48.3 144.9

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

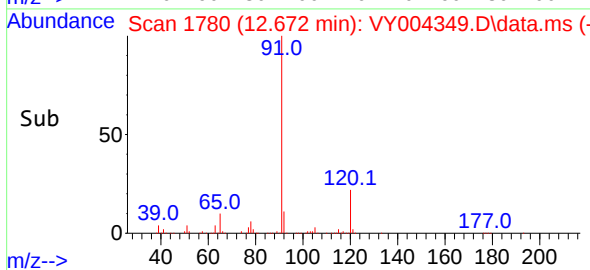
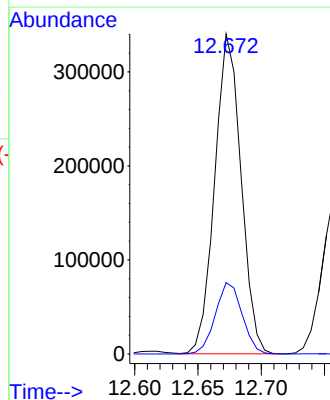
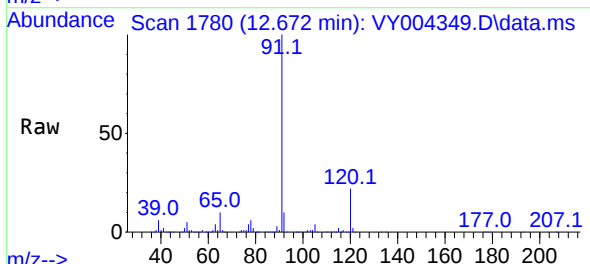
Manual Integrations  
APPROVED

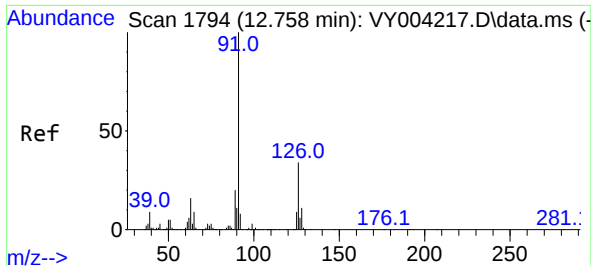
MMDadoda  
4/9/2021 9:59:09 AM



#78  
n-propylbenzene  
Concen: 52.60 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 91 Resp: 490653  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.9 35.5





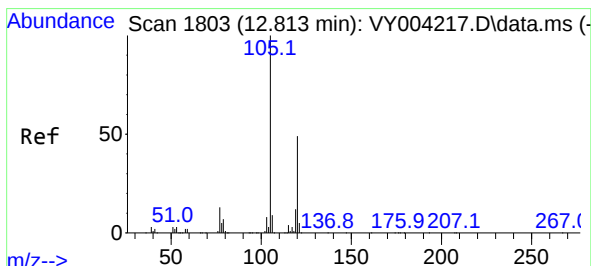
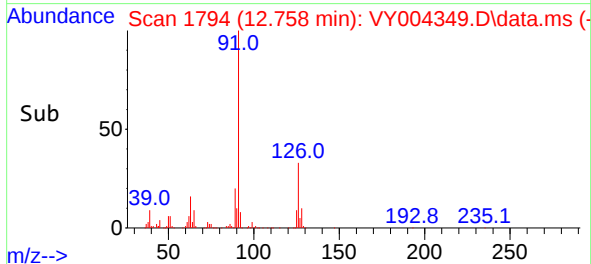
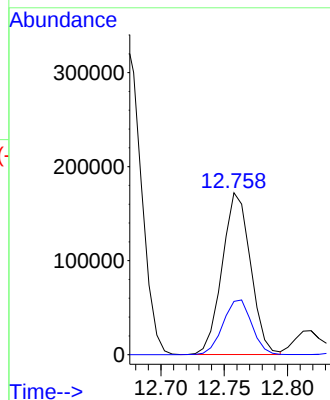
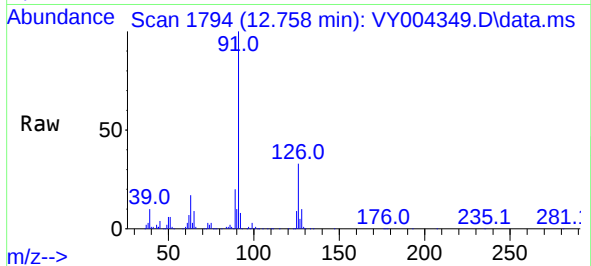
#79  
2-Chlorotoluene  
Concen: 52.45 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 91 Resp: 268818  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.5 52.6

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

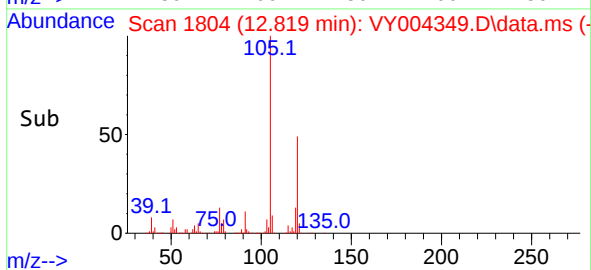
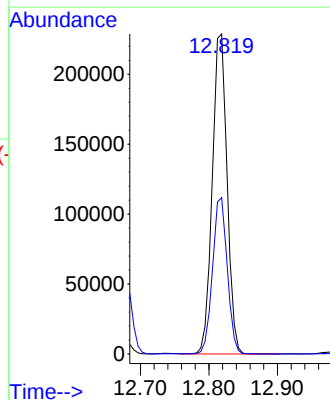
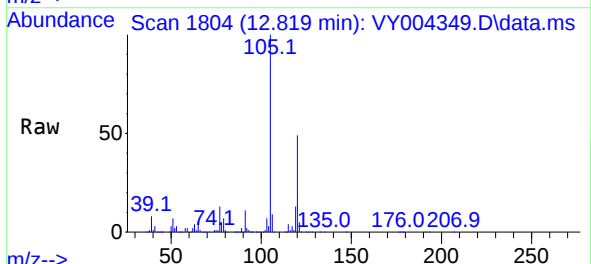
Manual Integrations  
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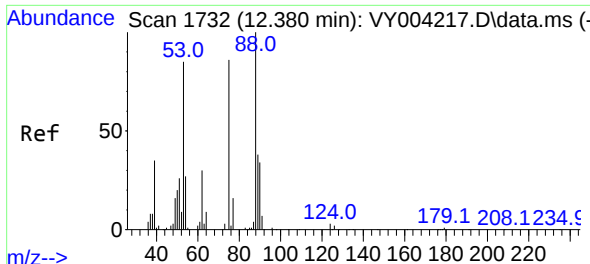
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#80  
1,3,5-Trimethylbenzene  
Concen: 52.29 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 105 Resp: 343949  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.9 74.7





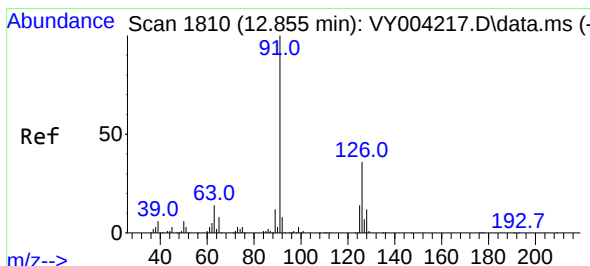
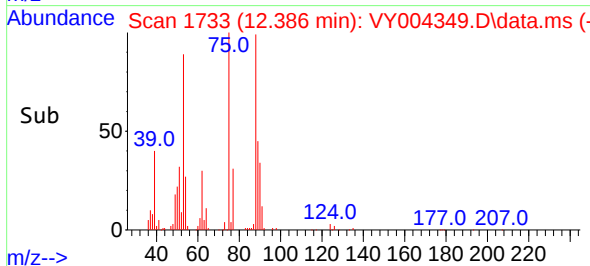
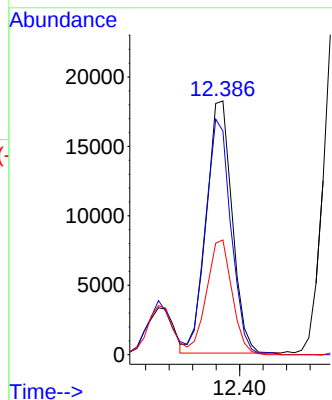
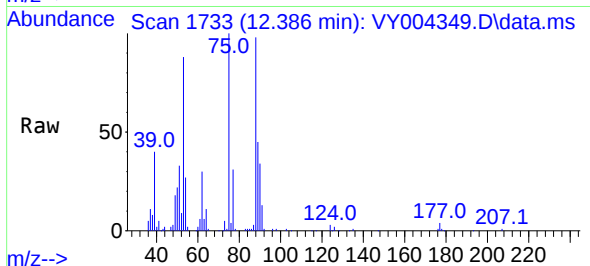
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.07 ug/l  
RT: 12.386 min Scan# 1733  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 75 Resp: 27768  
Ion Ratio Lower Upper  
75 100  
53 92.2 79.3 118.9  
89 44.9 39.4 59.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

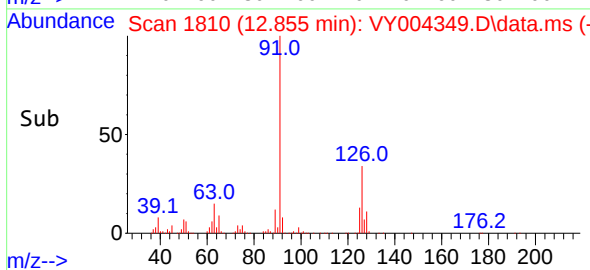
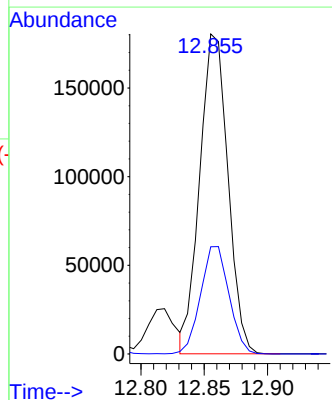
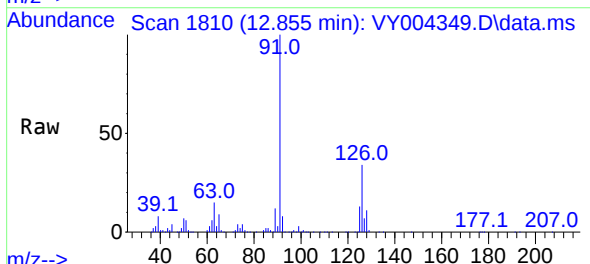
Manual Integrations  
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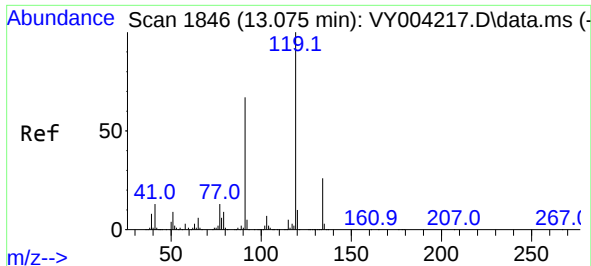
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#82  
4-Chlorotoluene  
Concen: 51.91 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion: 91 Resp: 280022  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.8 53.4





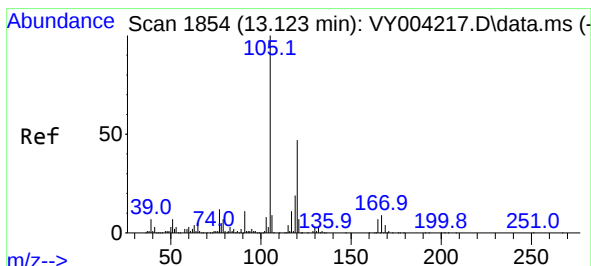
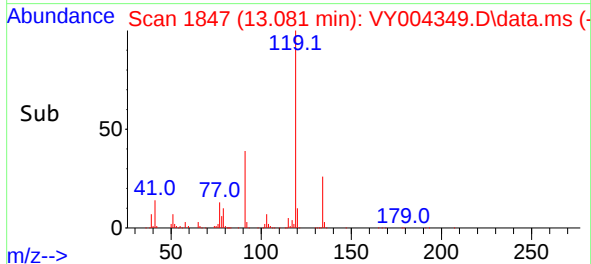
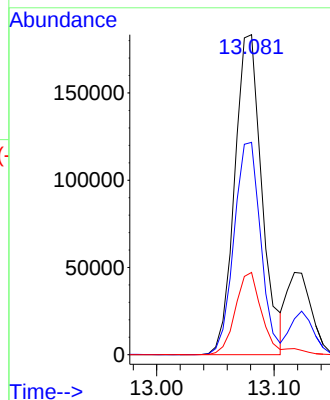
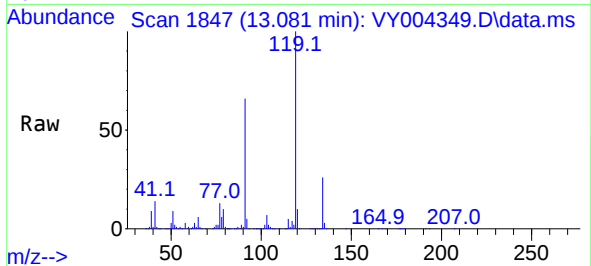
#83  
tert-Butylbenzene  
Concen: 52.12 ug/l  
RT: 13.081 min Scan# 1847  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:119 Resp: 296218  
Ion Ratio Lower Upper  
119 100  
91 65.2 33.1 99.2  
134 25.8 13.6 40.8

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

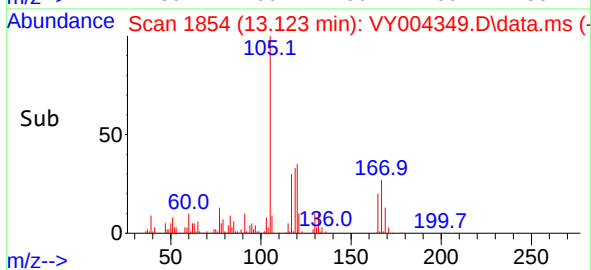
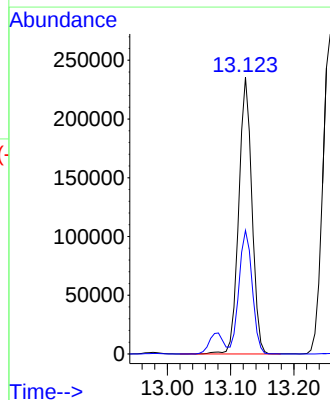
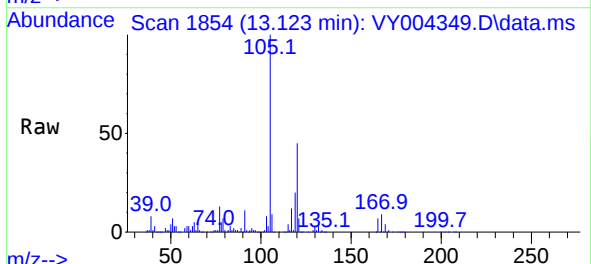
Manual Integrations  
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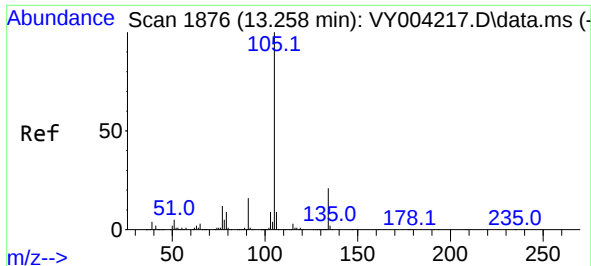
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4/9/2021 9:59:09 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 51.60 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

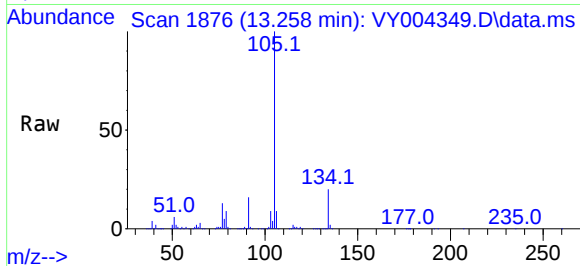
Tgt Ion:105 Resp: 340462  
Ion Ratio Lower Upper  
105 100  
120 45.4 22.9 68.7





#85  
sec-Butylbenzene  
Concen: 51.82 ug/l  
RT: 13.258 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

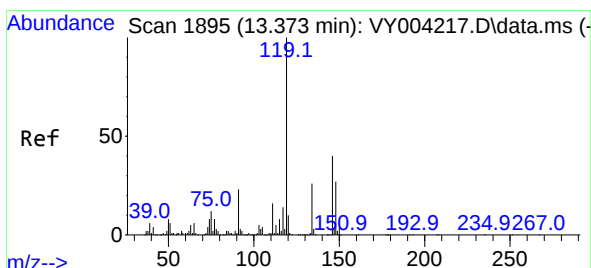
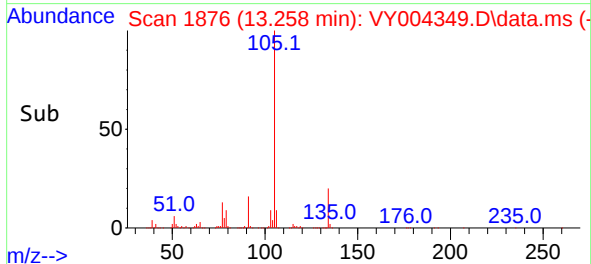
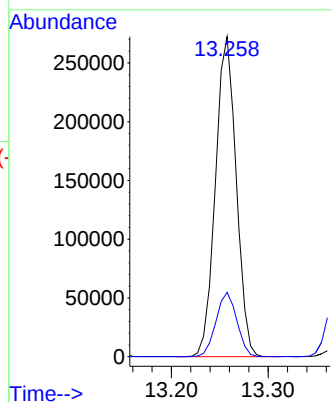
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ClientSampleId :  
VSTDCCC050EC



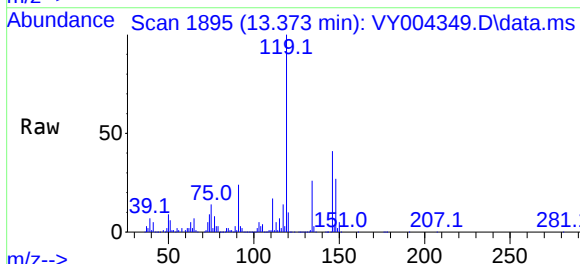
Tgt Ion:105 Resp: 405429  
Ion Ratio Lower Upper  
105 100  
134 20.2 10.4 31.4

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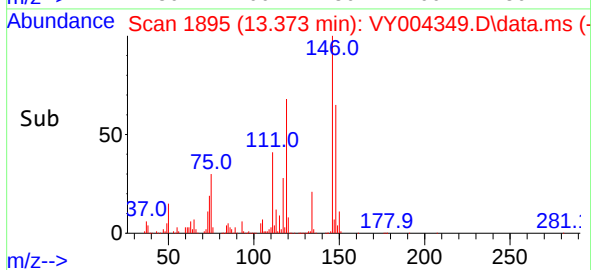
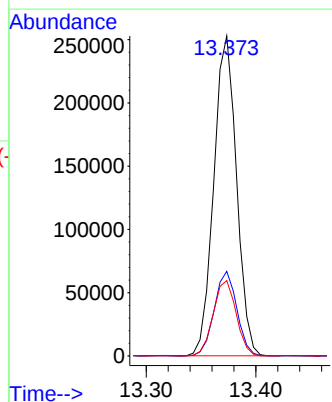
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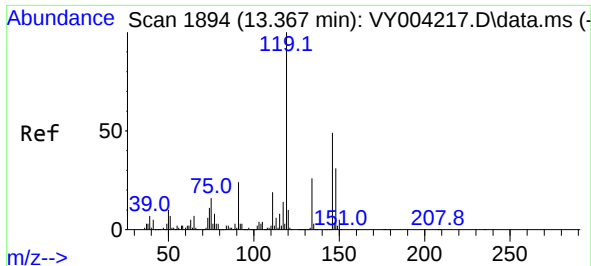


#86  
p-Isopropyltoluene  
Concen: 50.05 ug/l  
RT: 13.373 min Scan# 1895  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion:119 Resp: 364281  
Ion Ratio Lower Upper  
119 100  
134 26.3 13.3 39.9  
91 23.8 12.0 36.0





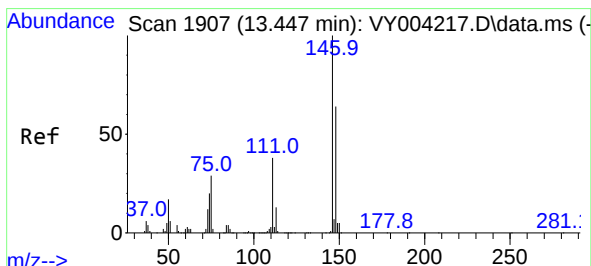
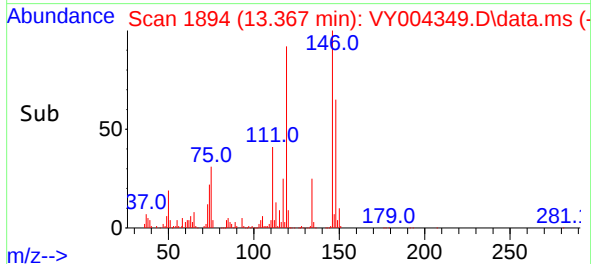
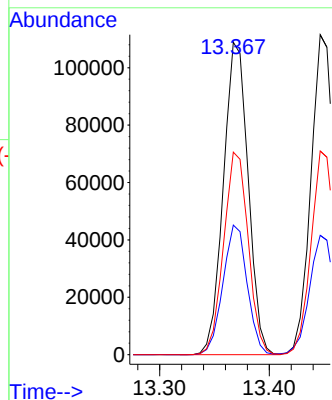
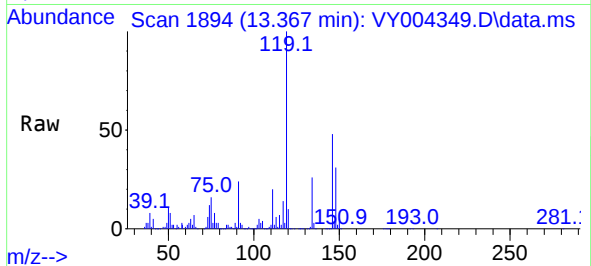
#87  
1,3-Dichlorobenzene  
Concen: 48.53 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:146 Resp: 170912  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.7 59.1  
148 64.3 32.0 96.2

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

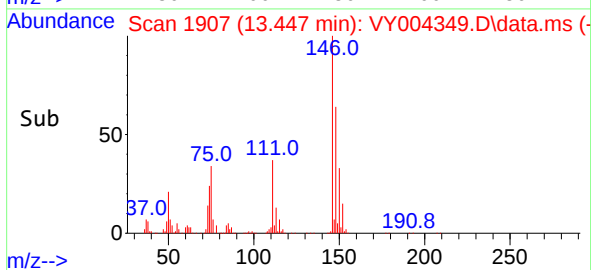
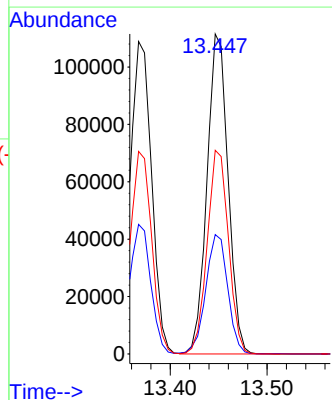
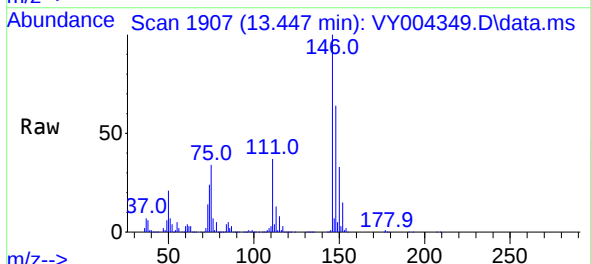
Manual Integrations  
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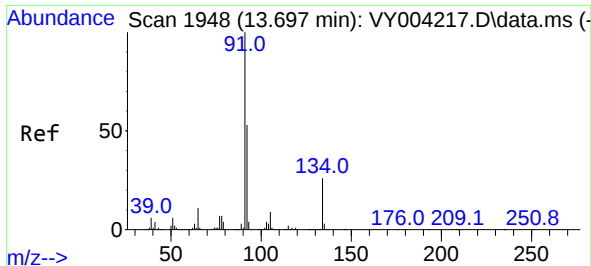
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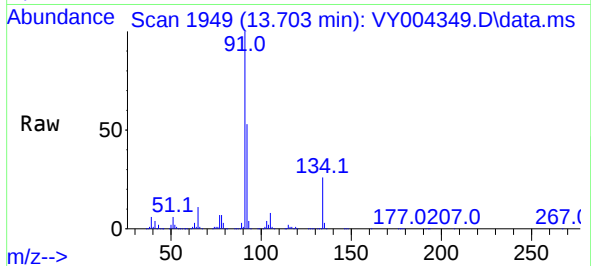
#88  
1,4-Dichlorobenzene  
Concen: 48.59 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

Tgt Ion:146 Resp: 169049  
Ion Ratio Lower Upper  
146 100  
111 38.8 19.1 57.3  
148 64.2 31.9 95.9

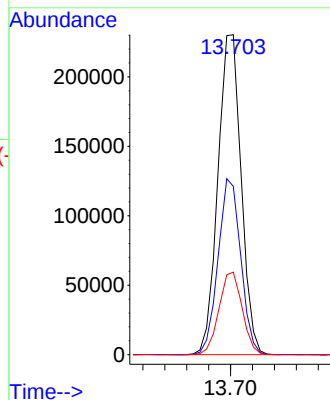
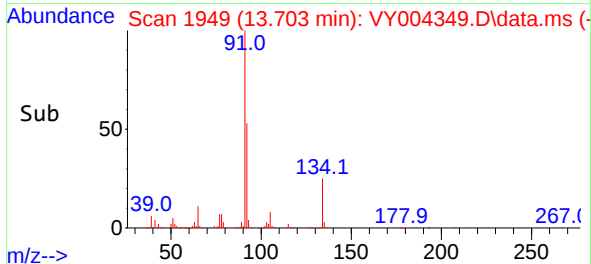




#89  
n-Butylbenzene  
Concen: 50.86 ug/l  
RT: 13.703 min Scan# 1949  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



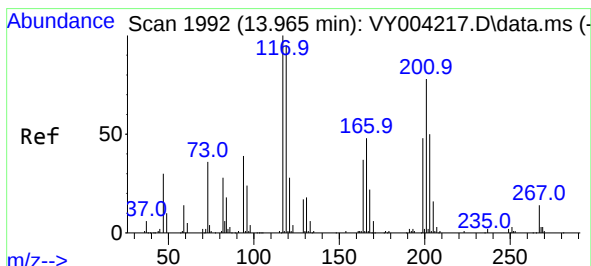
Tgt Ion: 91 Resp: 340446  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.5 79.4  
134 25.7 13.6 40.7



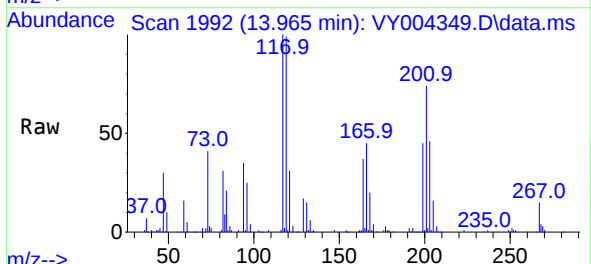
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

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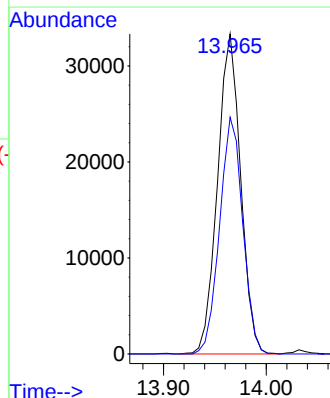
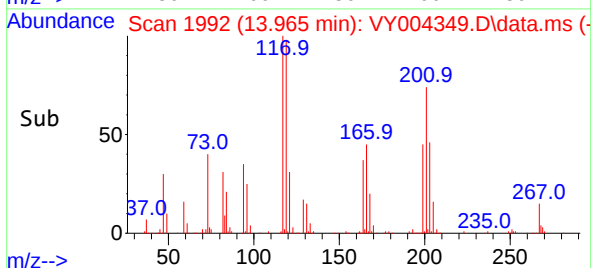
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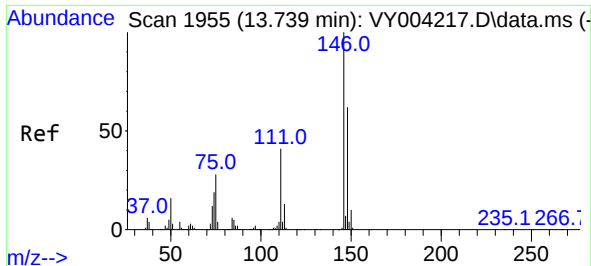


#90  
Hexachloroethane  
Concen: 76.09 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



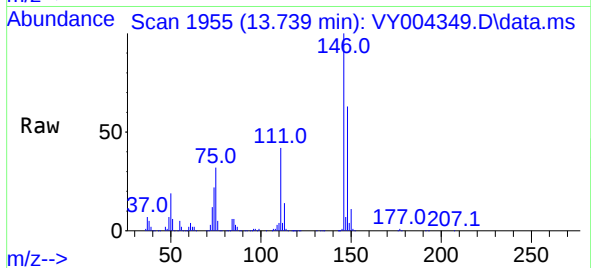
Tgt Ion: 117 Resp: 52035  
Ion Ratio Lower Upper  
117 100  
201 74.1 37.6 112.9





#91  
1,2-Dichlorobenzene  
Concen: 47.85 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

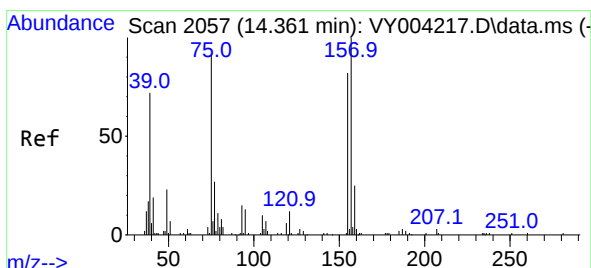
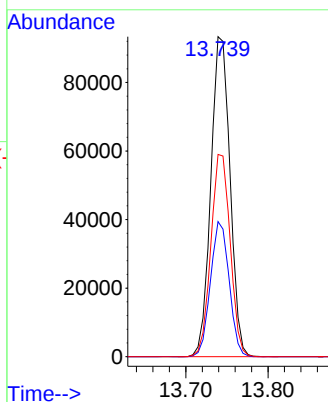
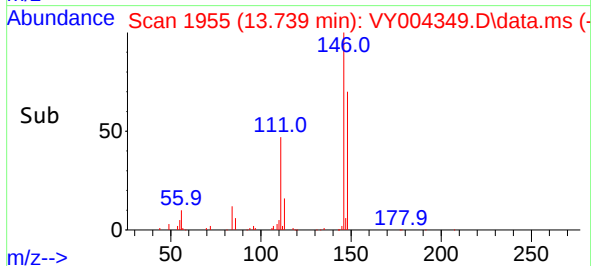
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



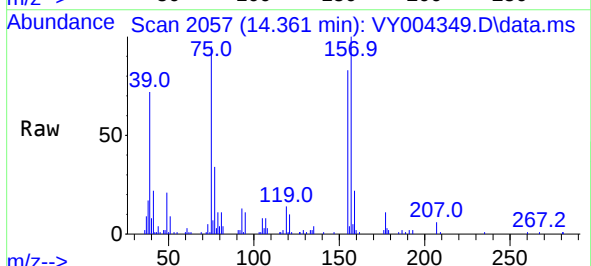
Tgt Ion:146 Resp: 151263  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.1 60.3  
148 63.8 31.6 94.7

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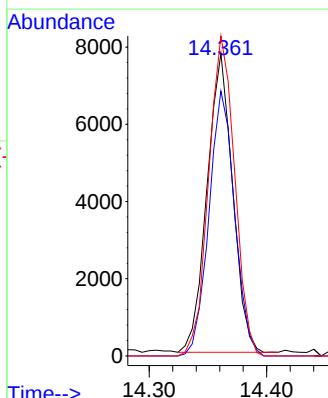
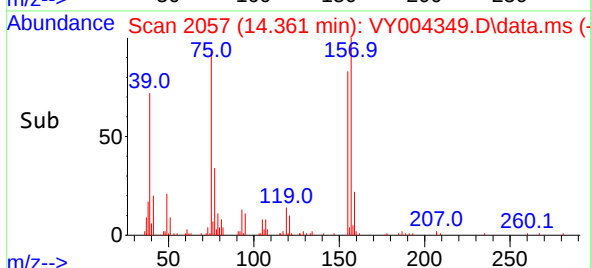
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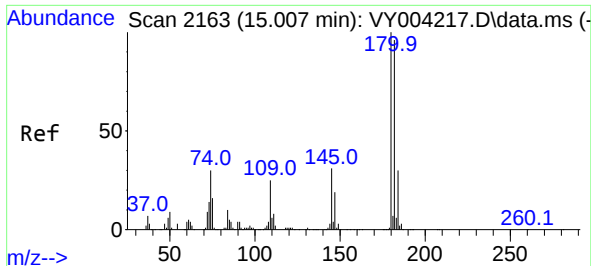


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 41.95 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34



Tgt Ion: 75 Resp: 11682  
Ion Ratio Lower Upper  
75 100  
155 88.8 46.3 138.8  
157 109.5 58.3 174.9





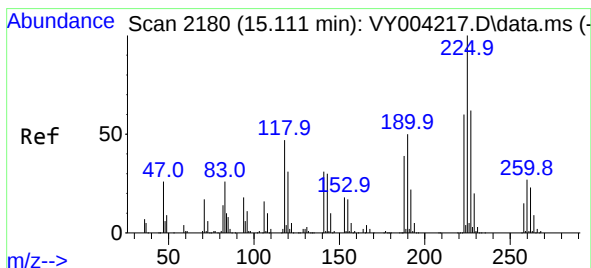
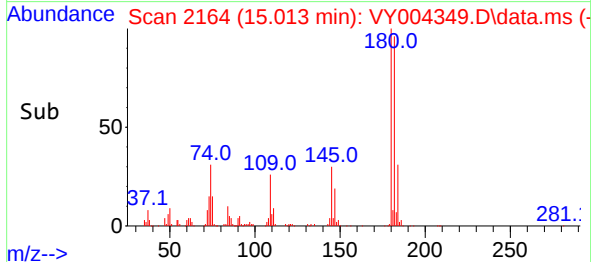
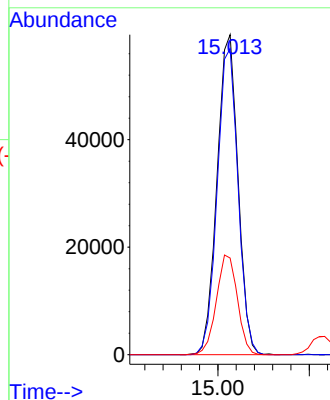
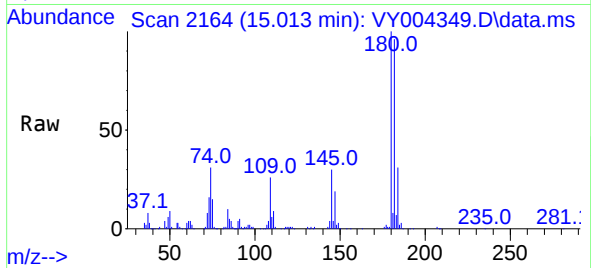
#93  
1,2,4-Trichlorobenzene  
Concen: 42.15 ug/l  
RT: 15.013 min Scan# 2164  
Delta R.T. 0.006 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 94709 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.1  | 47.3  | 141.8 |
| 145       | 31.4  | 15.2  | 45.5  |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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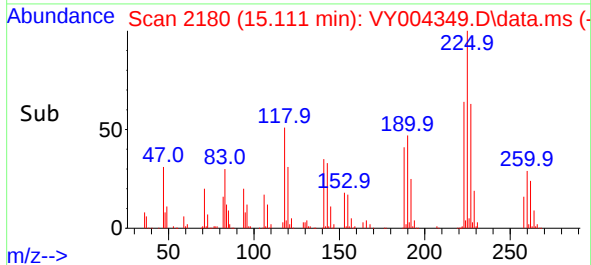
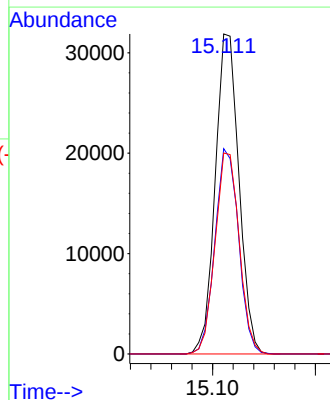
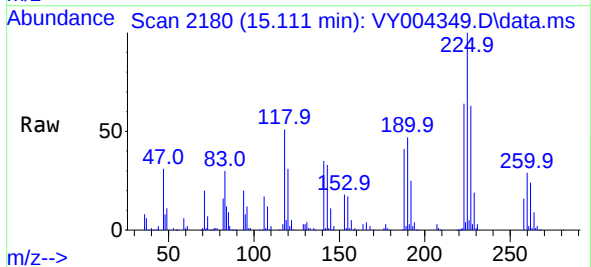
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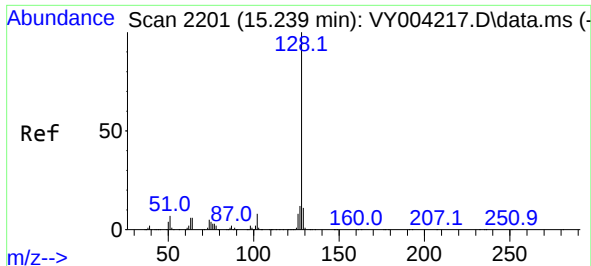
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#94  
Hexachlorobutadiene  
Concen: 42.64 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 50955 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 64.0  | 31.6  | 95.0  |
| 227       | 64.0  | 31.8  | 95.4  |





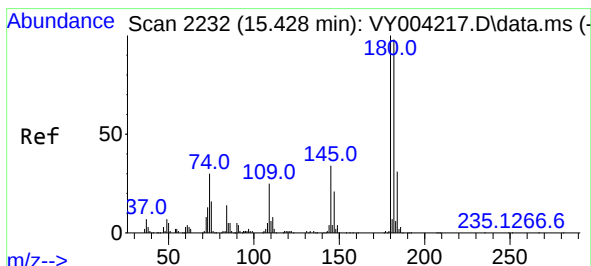
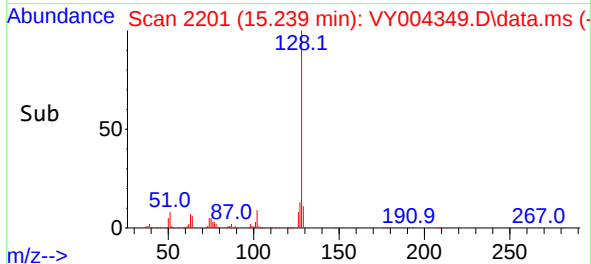
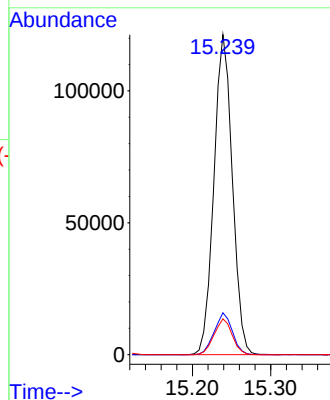
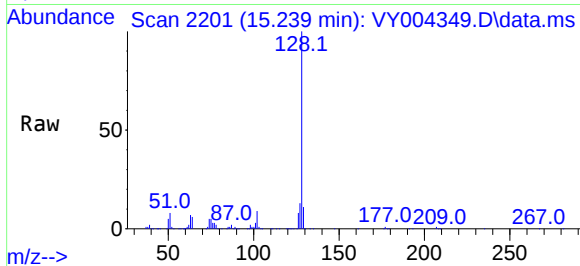
#95  
Naphthalene  
Concen: 41.60 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 198295 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.1  | 15.1   |
| 129       | 11.0  | 8.9   | 13.3   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 40.49 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. -0.000 min  
Lab File: VY004349.D  
Acq: 08 Apr 2021 20:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 83131 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.5  | 48.0  | 144.0 |
| 145       | 32.5  | 16.7  | 50.0  |

