

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062221\  
 Data File : VW019281.D  
 Acq On : 22 Jun 2021 20:33  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2021 5:29:34 PM

Quant Time: Jun 23 05:45:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 12:12:47 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|------------------------------|--------|------|----------|---------|---------|----------|
| -----                        |        |      |          |         |         |          |
| Internal Standards           |        |      |          |         |         |          |
| 1) Pentafluorobenzene        | 7.951  | 168  | 386663   | 50.000  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.842  | 114  | 657217   | 50.000  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5         | 11.634 | 117  | 606006   | 50.000  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.560 | 152  | 291350   | 50.000  | ug/l    | 0.00     |
| System Monitoring Compounds  |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4    | 8.311  | 65   | 221793   | 47.286  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 94.580% |          |
| 35) Dibromofluoromethane     | 7.890  | 113  | 196686   | 46.986  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 93.980% |          |
| 50) Toluene-d8               | 10.323 | 98   | 794892   | 47.435  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 94.860% |          |
| 62) 4-Bromofluorobenzene     | 12.621 | 95   | 279702   | 47.724  | ug/l    | 0.00     |
| Spiked Amount 50.000         |        |      | Recovery | =       | 95.440% |          |
| Target Compounds             |        |      |          |         |         |          |
|                              |        |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane   | 2.014  | 85   | 93441    | 34.070  | ug/l    | 93       |
| 3) Chloromethane             | 2.215  | 50   | 103369   | 31.874  | ug/l    | 99       |
| 4) Vinyl Chloride            | 2.367  | 62   | 173860   | 35.048  | ug/l    | 99       |
| 5) Bromomethane              | 2.782  | 94   | 135345   | 34.858  | ug/l    | 91       |
| 6) Chloroethane              | 2.928  | 64   | 108936   | 33.062  | ug/l    | 99       |
| 7) Trichlorofluoromethane    | 3.263  | 101  | 93716    | 33.319  | ug/l    | 100      |
| 8) Diethyl Ether             | 3.684  | 74   | 84827    | 39.576  | ug/l    | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.068  | 101  | 151379   | 37.248  | ug/l    | 98       |
| 10) Methyl Iodide            | 4.281  | 142  | 213000   | 39.166  | ug/l    | 98       |
| 11) Tert butyl alcohol       | 5.196  | 59   | 46040    | 206.888 | ug/l    | 97       |
| 12) 1,1-Dichloroethene       | 4.050  | 96   | 156896   | 37.548  | ug/l    | 92       |
| 13) Acrolein                 | 3.903  | 56   | 56344    | 228.157 | ug/l    | 100      |
| 14) Allyl chloride           | 4.672  | 41   | 205218   | 36.589  | ug/l    | 98       |
| 15) Acrylonitrile            | 5.373  | 53   | 169772   | 193.343 | ug/l    | 100      |
| 16) Acetone                  | 4.141  | 43   | 120320   | 159.826 | ug/l    | 99       |
| 17) Carbon Disulfide         | 4.391  | 76   | 441566   | 35.806  | ug/l    | 99       |
| 18) Methyl Acetate           | 4.678  | 43   | 69232    | 36.149  | ug/l    | 98       |
| 19) Methyl tert-butyl Ether  | 5.428  | 73   | 233383   | 41.202  | ug/l    | 99       |
| 20) Methylene Chloride       | 4.922  | 84   | 200229   | 42.507  | ug/l    | 96       |
| 21) trans-1,2-Dichloroethene | 5.428  | 96   | 179868   | 38.677  | ug/l    | 99       |
| 22) Diisopropyl ether        | 6.311  | 45   | 459605   | 37.719  | ug/l    | 97       |
| 23) Vinyl Acetate            | 6.257  | 43   | 1413558  | 191.129 | ug/l    | 100      |
| 24) 1,1-Dichloroethane       | 6.220  | 63   | 322317   | 37.531  | ug/l    | 99       |
| 25) 2-Butanone               | 7.177  | 43   | 197783   | 178.138 | ug/l    | 99       |
| 26) 2,2-Dichloropropane      | 7.171  | 77   | 165215   | 35.118  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene   | 7.171  | 96   | 196184   | 38.869  | ug/l    | 98       |
| 28) Bromochloromethane       | 7.513  | 49   | 156872   | 46.145  | ug/l    | 98       |
| 29) Tetrahydrofuran          | 7.537  | 42   | 129423   | 188.202 | ug/l    | 99       |
| 30) Chloroform               | 7.683  | 83   | 329885   | 38.298  | ug/l    | 96       |
| 31) Cyclohexane              | 7.958  | 56   | 271825   | 34.083  | ug/l    | 94       |
| 32) 1,1,1-Trichloroethane    | 7.872  | 97   | 251022   | 38.696  | ug/l    | 100      |
| 36) 1,1-Dichloropropene      | 8.086  | 75   | 257244   | 36.985  | ug/l    | 99       |
| 37) Ethyl Acetate            | 7.256  | 43   | 100441   | 38.628  | ug/l    | 98       |
| 38) Carbon Tetrachloride     | 8.073  | 117  | 232199   | 38.188  | ug/l    | 99       |
| 39) Methylcyclohexane        | 9.335  | 83   | 312512   | 37.882  | ug/l    | 99       |
| 40) Benzene                  | 8.323  | 78   | 725437   | 38.070  | ug/l    | 99       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 6/23/2021 5:29:34 PM

Quant Time: Jun 23 05:45:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 21 12:12:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.482  | 41   | 53938    | 37.073  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.403  | 62   | 217440   | 38.406  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.427  | 43   | 189508   | 38.187  | ug/l   | 99       |
| 44) Trichloroethene           | 9.091  | 130  | 183222   | 38.636  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.372  | 63   | 174790   | 37.376  | ug/l   | 99       |
| 46) Dibromomethane            | 9.457  | 93   | 95099    | 38.713  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.646  | 83   | 237733   | 38.283  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.439  | 41   | 82418    | 36.899  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.469  | 88   | 25436    | 802.254 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.213 | 43   | 478465   | 190.304 | ug/l   | 100      |
| 52) Toluene                   | 10.390 | 92   | 454293   | 38.313  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.610 | 75   | 235032   | 37.967  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.073 | 75   | 274976   | 38.103  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.786 | 97   | 129354   | 38.212  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.646 | 69   | 171764   | 40.062  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.933 | 76   | 234513   | 38.468  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.927  | 63   | 520442   | 258.895 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.969 | 43   | 319230   | 187.462 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.128 | 129  | 142990   | 39.040  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 125071   | 39.470  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.866 | 164  | 146103   | 37.925  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.658 | 112  | 473128   | 38.405  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.731 | 131  | 162195   | 38.506  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.731 | 91   | 892747   | 38.385  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.841 | 106  | 666197   | 76.727  | ug/l   | 96       |
| 69) o-Xylene                  | 12.164 | 106  | 320992   | 39.444  | ug/l   | 98       |
| 70) Styrene                   | 12.182 | 104  | 539869   | 39.343  | ug/l   | 99       |
| 71) Bromoform                 | 12.353 | 173  | 79339    | 38.837  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.463 | 105  | 863602   | 39.854  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.274 | 43   | 176993   | 38.567  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 153614   | 38.972  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.768 | 75   | 104380m  | 36.570  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 189753   | 40.680  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.804 | 91   | 1060409  | 38.814  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 610466   | 39.089  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.944 | 105  | 739874   | 40.271  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.512 | 75   | 42553    | 36.167  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.987 | 91   | 630440   | 38.623  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.207 | 119  | 623472   | 40.195  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 727778   | 39.900  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.383 | 105  | 950435   | 39.393  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.499 | 119  | 781451   | 39.805  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.499 | 146  | 379310   | 38.433  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 378868   | 38.842  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.822 | 91   | 759675   | 38.471  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.097 | 117  | 133724   | 37.579  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.871 | 146  | 330350   | 38.378  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.481 | 75   | 24216    | 38.495  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.133 | 180  | 207385   | 37.751  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.231 | 225  | 124813   | 38.529  | ug/l   | 98       |
| 95) Naphthalene               | 15.365 | 128  | 486978   | 48.601  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 185590   | 39.084  | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

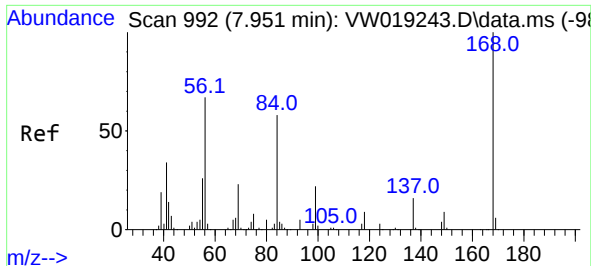
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6/23/2021 5:29:34 PM

Quant Time: Jun 23 05:45:11 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W062121S.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 21 12:12:47 2021  
Response via : Initial Calibration

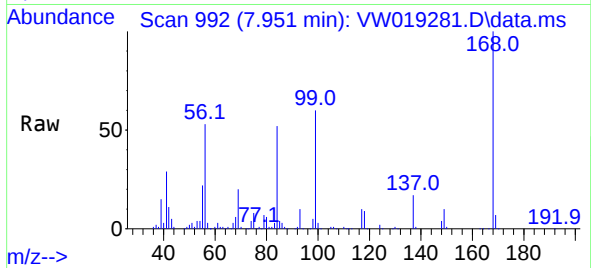
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

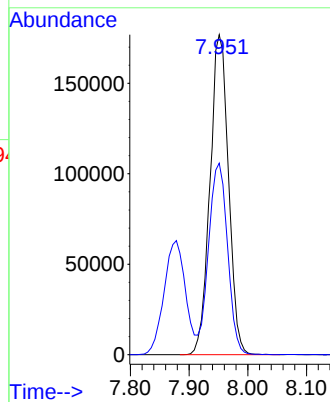
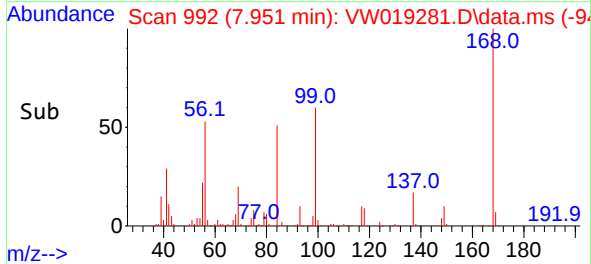




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.951 min Scan# 992  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



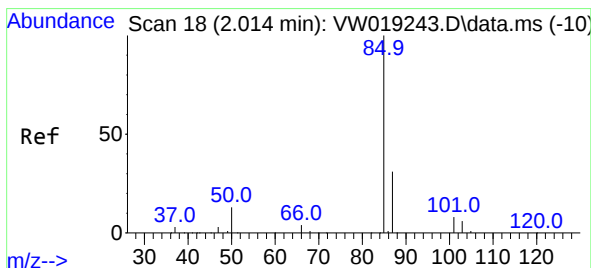
Tgt Ion: 168 Resp: 386663  
Ion Ratio Lower Upper  
168 100  
99 59.8 48.8 73.2



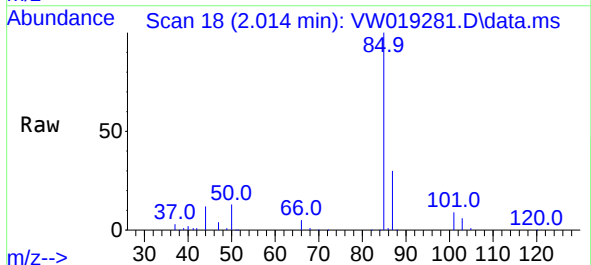
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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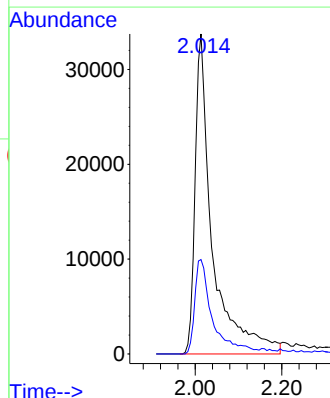
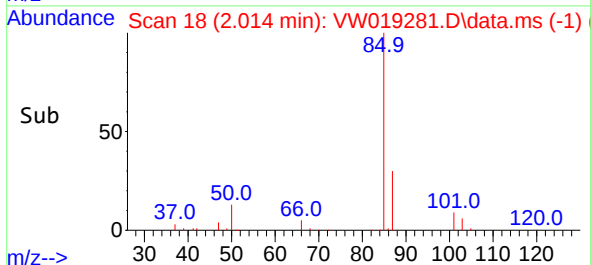
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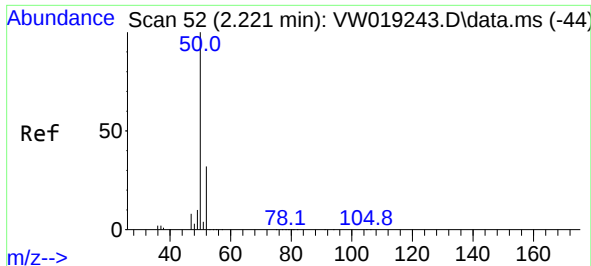


#2  
Dichlorodifluoromethane  
Concen: 34.070 ug/l  
RT: 2.014 min Scan# 18  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



Tgt Ion: 85 Resp: 93441  
Ion Ratio Lower Upper  
85 100  
87 29.5 16.7 50.0





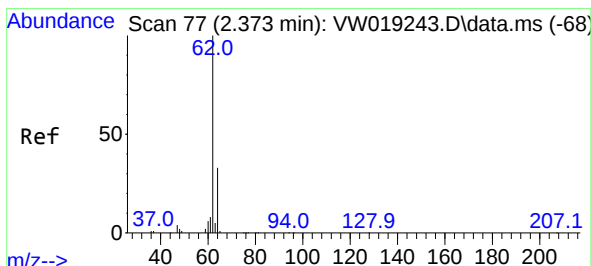
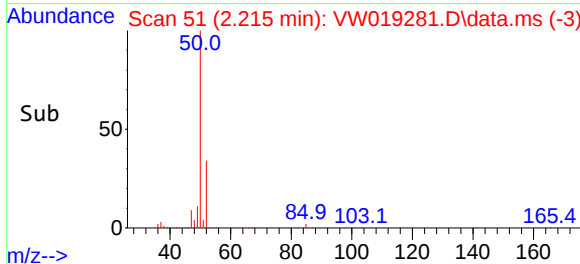
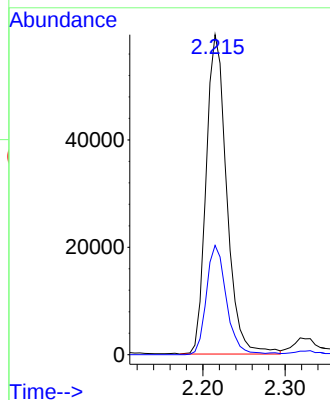
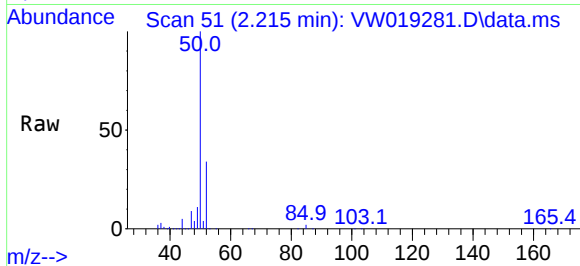
#3  
Chloromethane  
Concen: 31.874 ug/l  
RT: 2.215 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 50 Resp: 103369  
Ion Ratio Lower Upper  
50 100  
52 34.2 26.9 40.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
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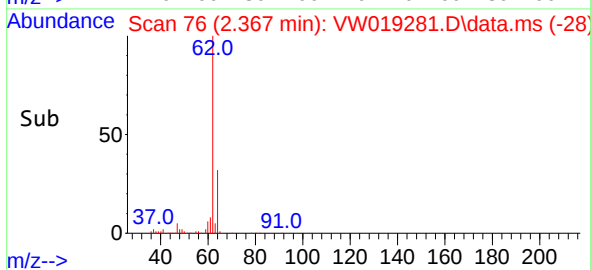
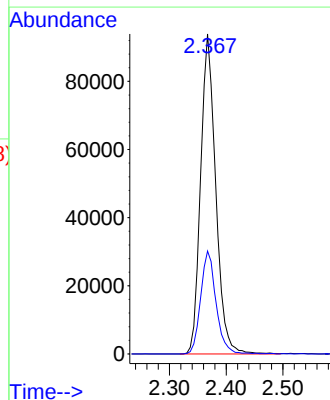
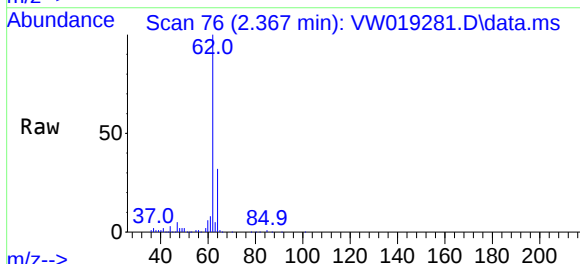
Manual Integrations  
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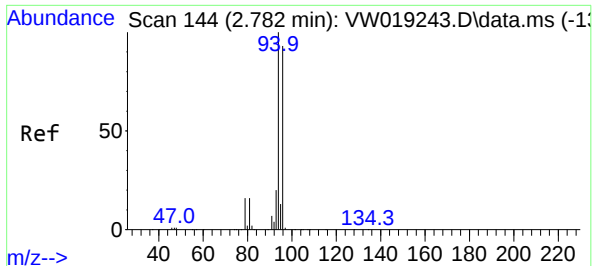
MMDadoda  
6/23/2021 5:29:34 PM



#4  
Vinyl Chloride  
Concen: 35.048 ug/l  
RT: 2.367 min Scan# 76  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 62 Resp: 173860  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.3 37.9





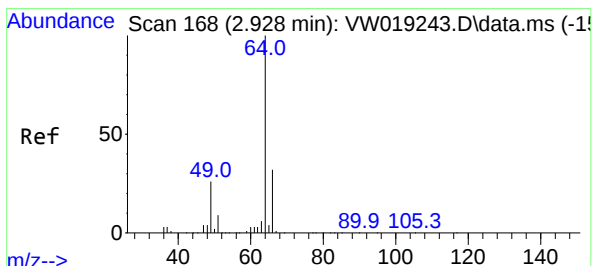
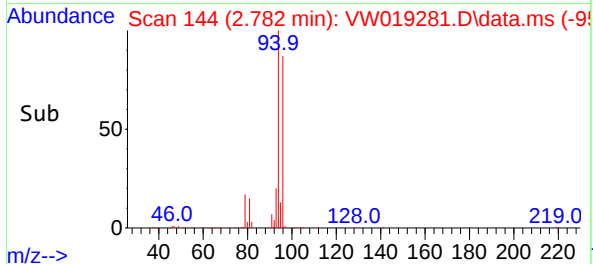
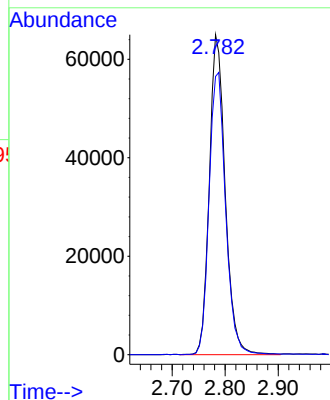
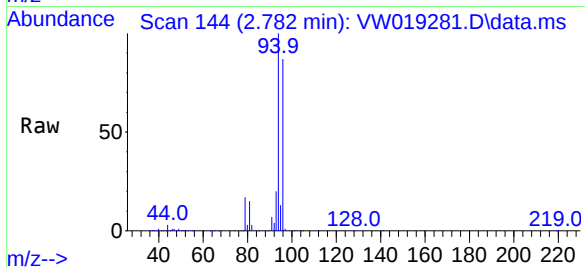
#5  
Bromomethane  
Concen: 34.858 ug/l  
RT: 2.782 min Scan# 144  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 135345  
Ion Ratio Lower Upper  
94 100  
96 86.9 76.4 114.6

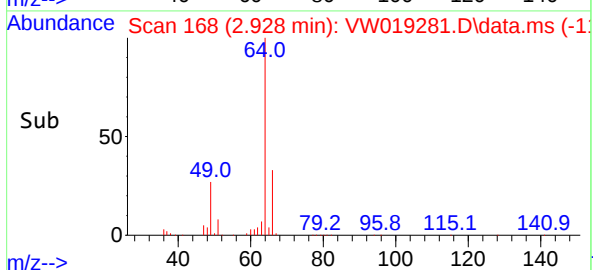
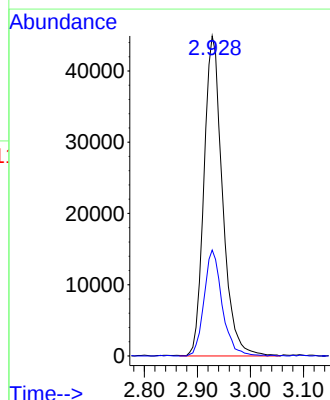
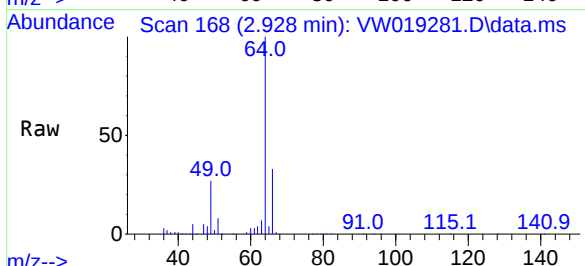
Manual Integrations  
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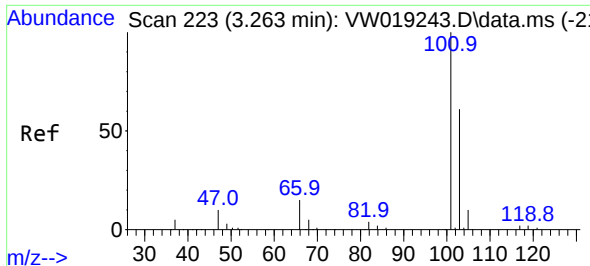
MMDadoda  
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#6  
Chloroethane  
Concen: 33.062 ug/l  
RT: 2.928 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 64 Resp: 108936  
Ion Ratio Lower Upper  
64 100  
66 33.1 25.9 38.9





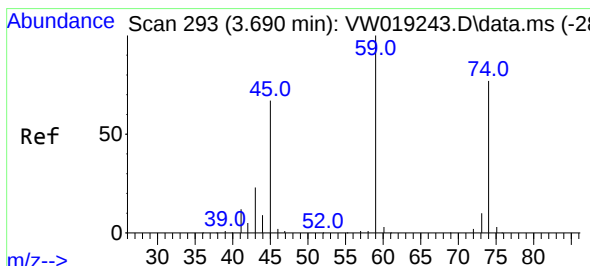
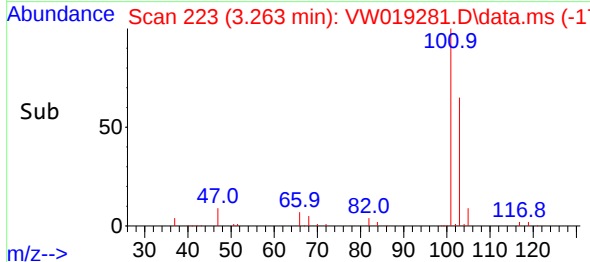
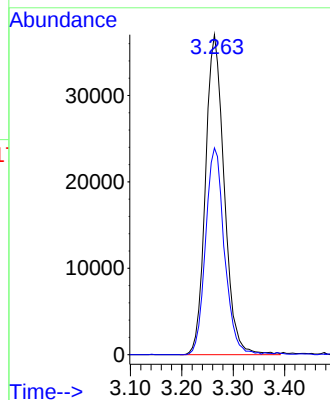
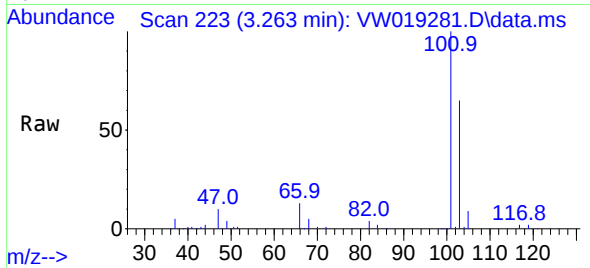
#7  
Trichlorofluoromethane  
Concen: 33.319 ug/l  
RT: 3.263 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 101 Resp: 93716  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.4 77.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

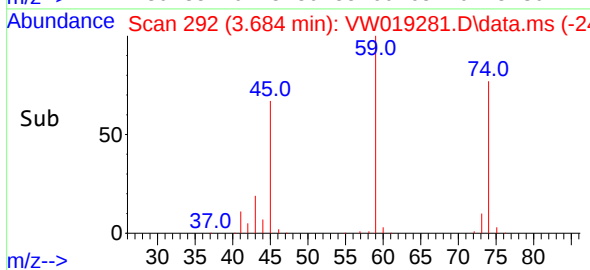
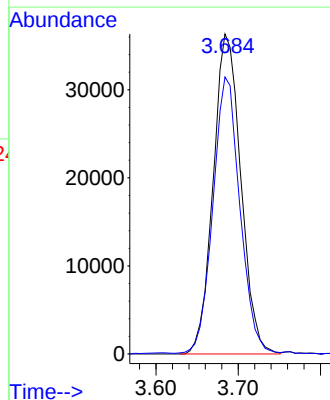
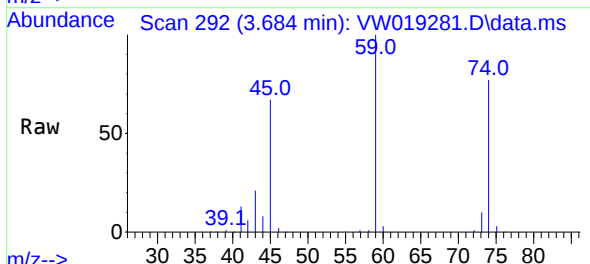
Manual Integrations  
APPROVED

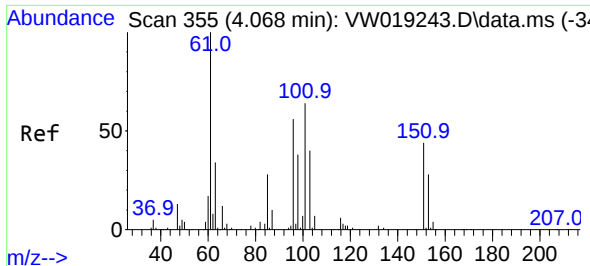
MMDadoda  
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#8  
Diethyl Ether  
Concen: 39.576 ug/l  
RT: 3.684 min Scan# 292  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

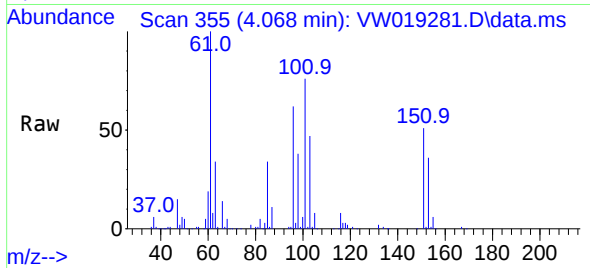
Tgt Ion: 74 Resp: 84827  
Ion Ratio Lower Upper  
74 100  
45 84.1 43.3 129.8





#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 37.248 ug/l  
RT: 4.068 min Scan# 355  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

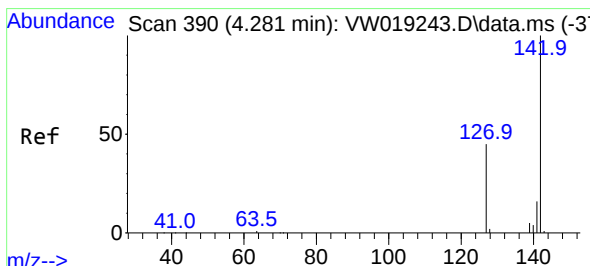
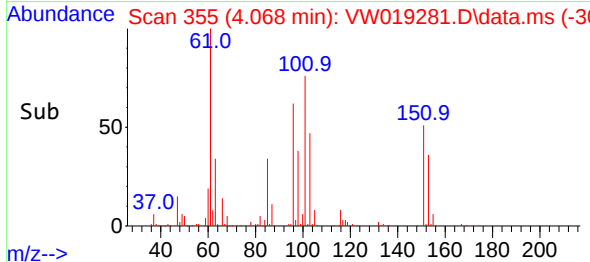
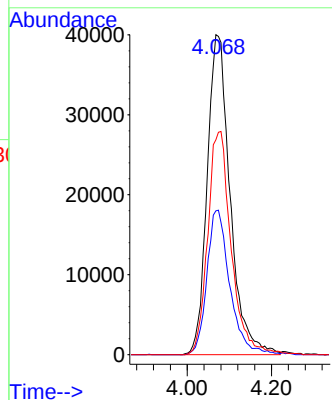
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:101 Resp: 151379  
Ion Ratio Lower Upper  
101 100  
85 45.1 35.9 53.9  
151 71.5 59.8 89.6

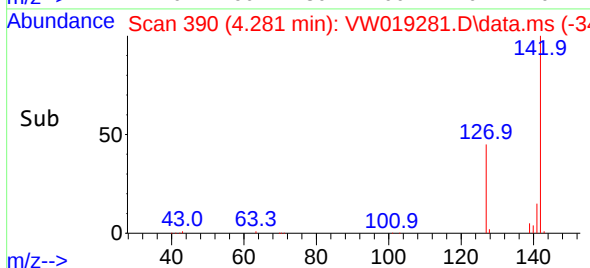
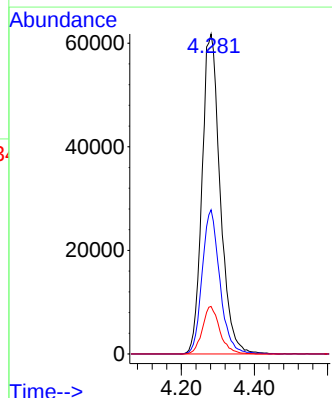
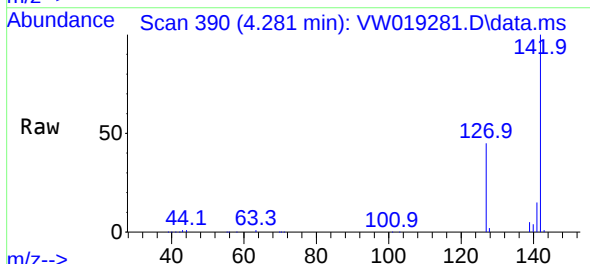
Manual Integrations  
APPROVED

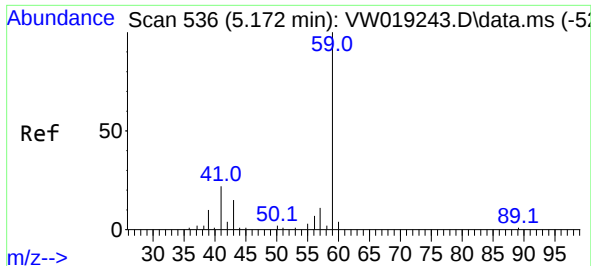
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#10  
Methyl Iodide  
Concen: 39.166 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

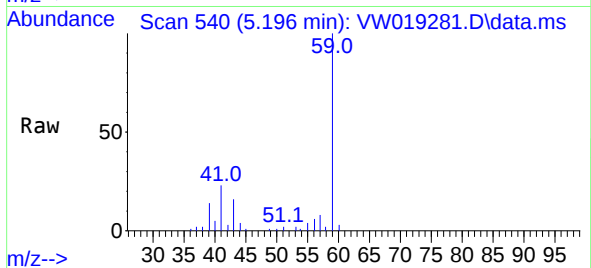
Tgt Ion:142 Resp: 213000  
Ion Ratio Lower Upper  
142 100  
127 44.0 33.7 50.5  
141 14.2 11.2 16.8





#11  
Tert butyl alcohol  
Concen: 206.888 ug/l  
RT: 5.196 min Scan# 540  
Delta R.T. 0.024 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

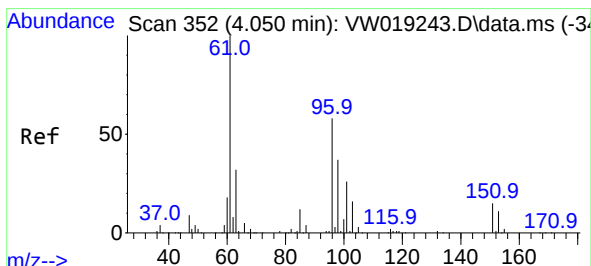
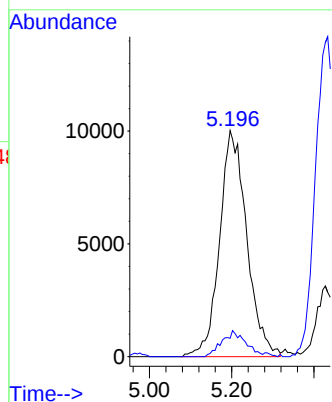
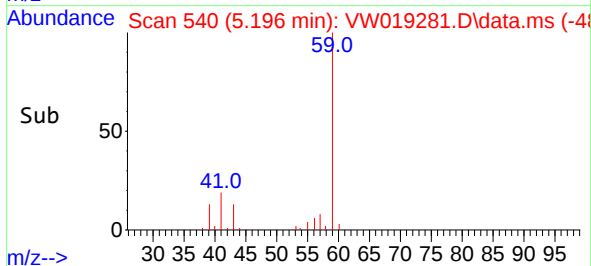
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



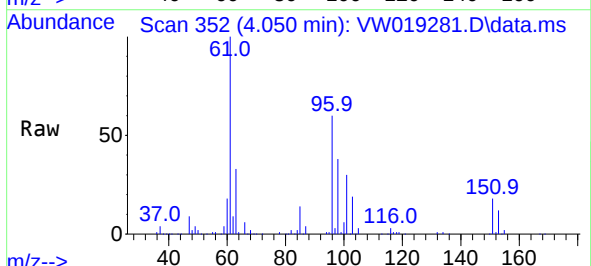
Tgt Ion: 59 Resp: 46040  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.9 13.3

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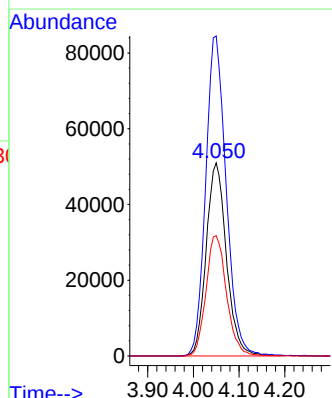
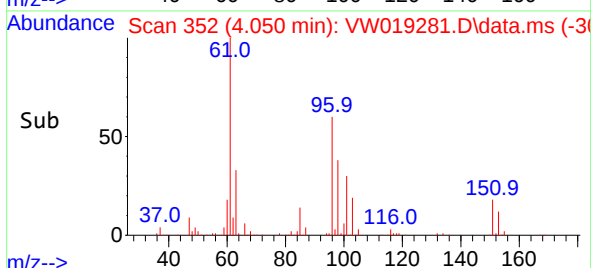
MMDadoda  
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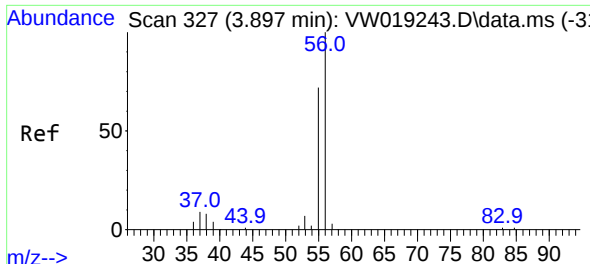


#12  
1,1-Dichloroethene  
Concen: 37.548 ug/l  
RT: 4.050 min Scan# 352  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



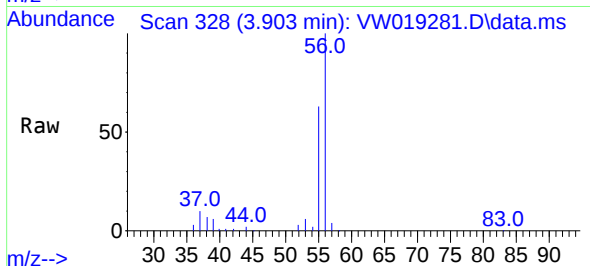
Tgt Ion: 96 Resp: 156896  
Ion Ratio Lower Upper  
96 100  
61 165.7 123.0 184.4  
98 62.3 47.5 71.3





#13  
Acrolein  
Concen: 228.157 ug/l  
RT: 3.903 min Scan# 328  
Delta R.T. 0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

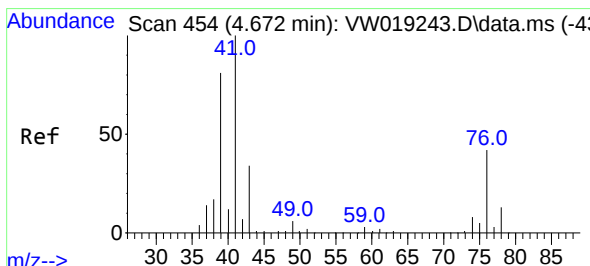
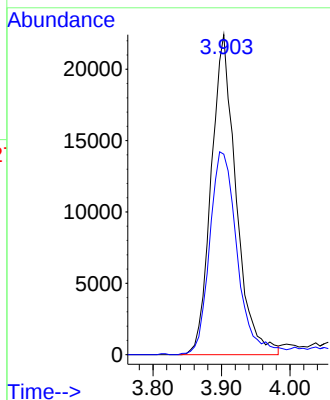
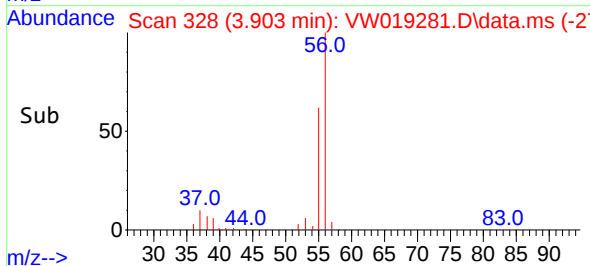
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



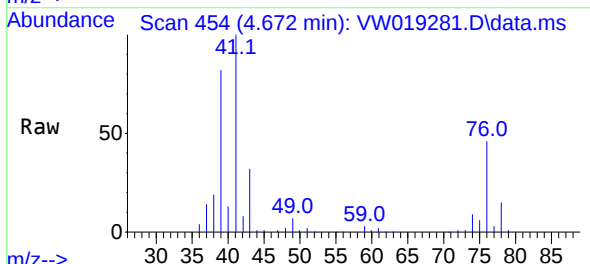
Tgt Ion: 56 Resp: 56344  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.7 85.1

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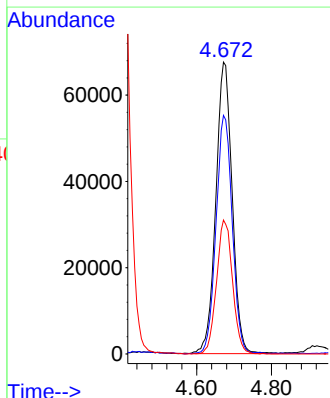
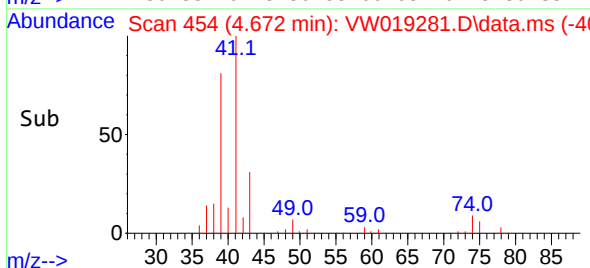
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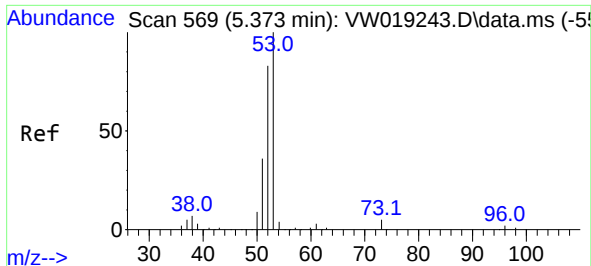


#14  
Allyl chloride  
Concen: 36.589 ug/l  
RT: 4.672 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



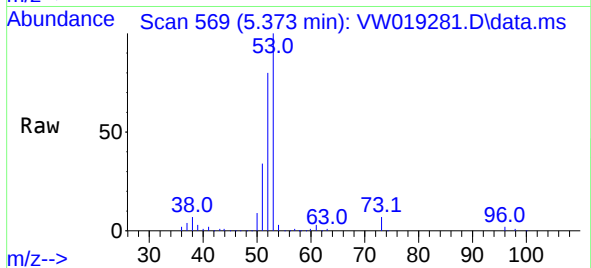
Tgt Ion: 41 Resp: 205218  
Ion Ratio Lower Upper  
41 100  
39 81.5 63.9 95.9  
76 44.9 35.1 52.7





#15  
Acrylonitrile  
Concen: 193.343 ug/l  
RT: 5.373 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

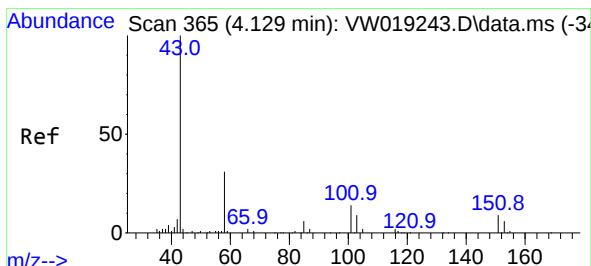
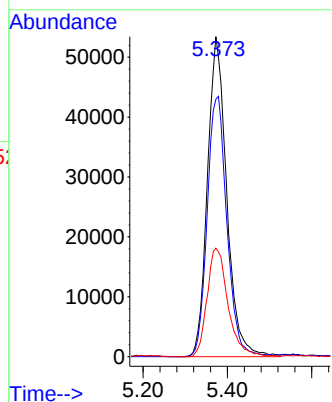


Tgt Ion: 53 Resp: 169772

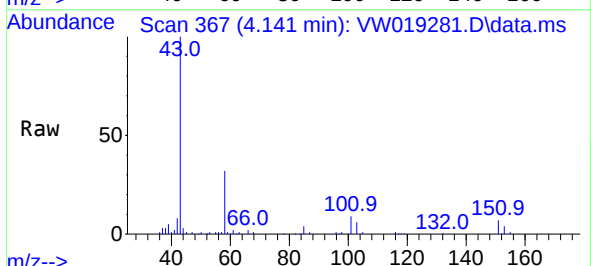
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.2  | 66.5  | 99.7  |
| 51  | 36.7  | 29.8  | 44.8  |

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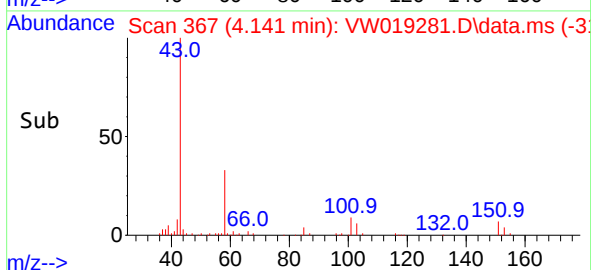
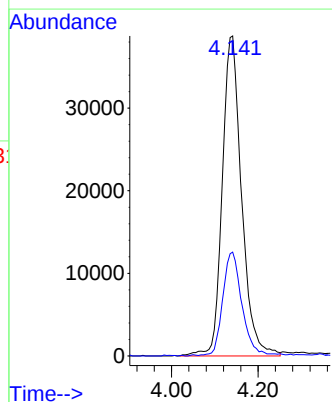


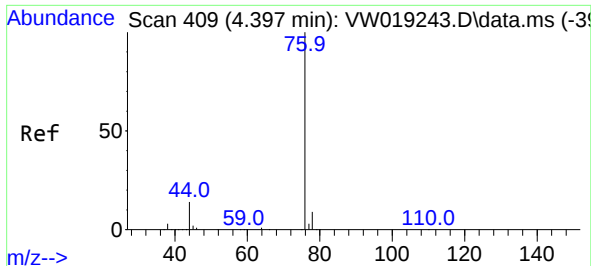
#16  
Acetone  
Concen: 159.826 ug/l  
RT: 4.141 min Scan# 367  
Delta R.T. 0.012 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



Tgt Ion: 43 Resp: 120320

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.3  | 26.4  | 39.6  |





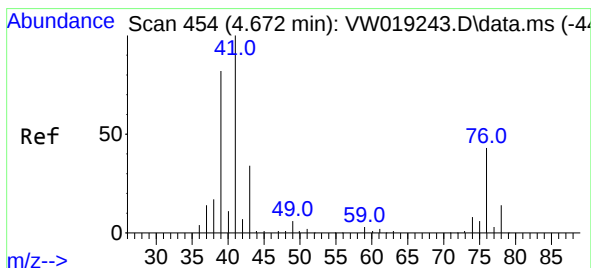
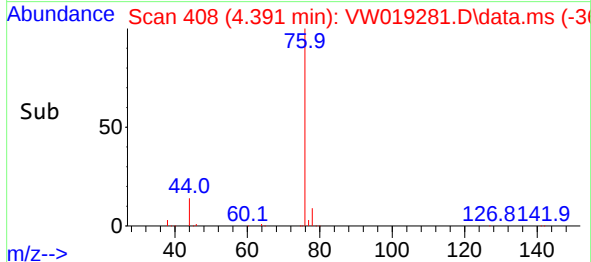
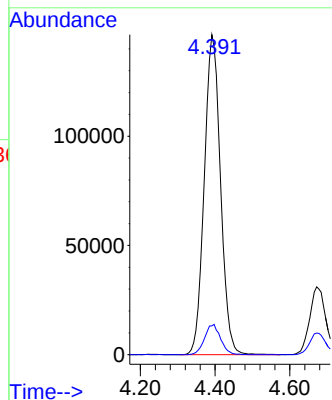
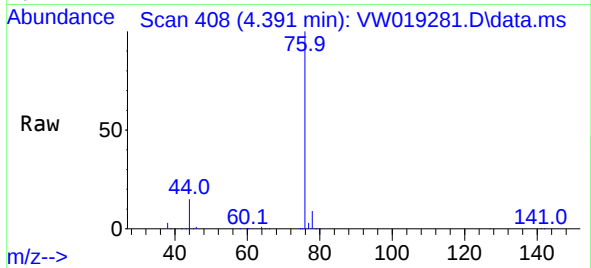
#17  
Carbon Disulfide  
Concen: 35.806 ug/l  
RT: 4.391 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 76 Resp: 441566  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

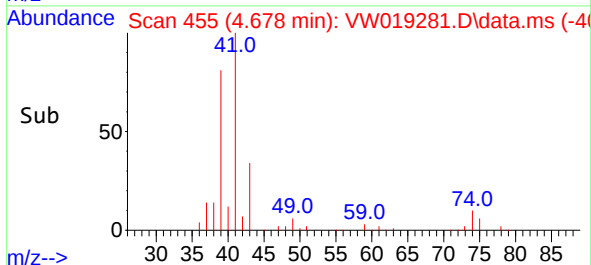
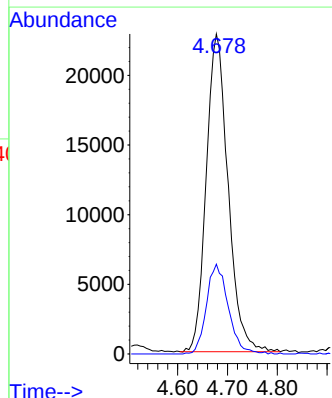
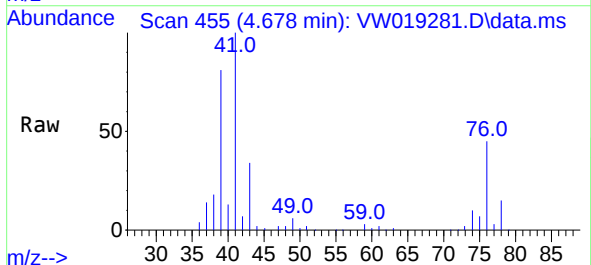
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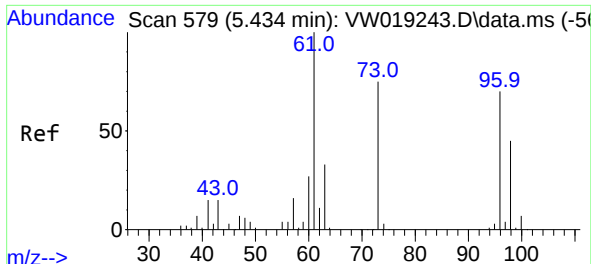
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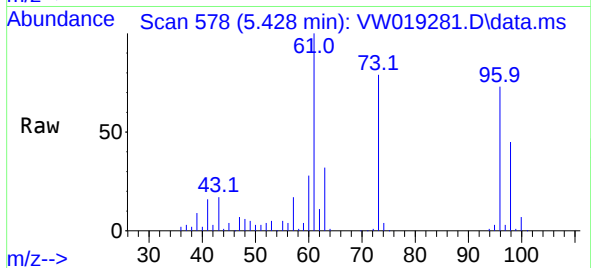
#18  
Methyl Acetate  
Concen: 36.149 ug/l  
RT: 4.678 min Scan# 455  
Delta R.T. 0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 43 Resp: 69232  
Ion Ratio Lower Upper  
43 100  
74 28.3 21.8 32.8

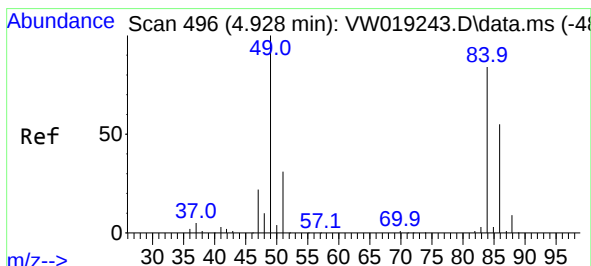
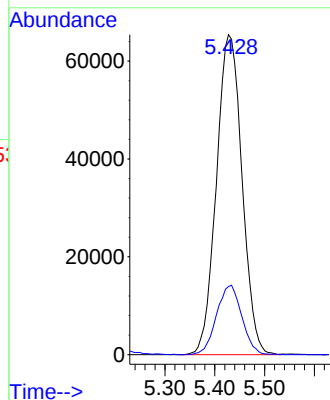
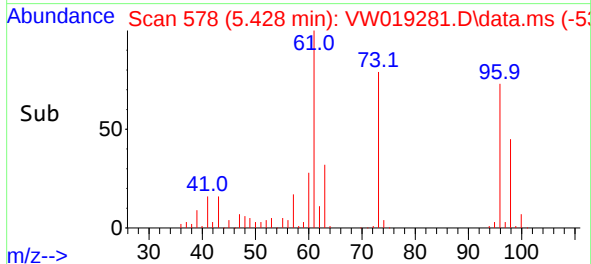




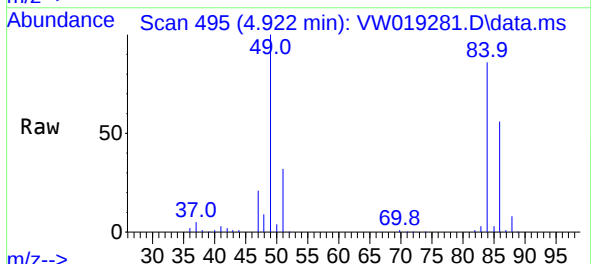
#19  
Methyl tert-butyl Ether  
Concen: 41.202 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



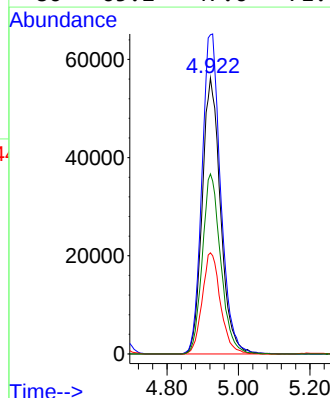
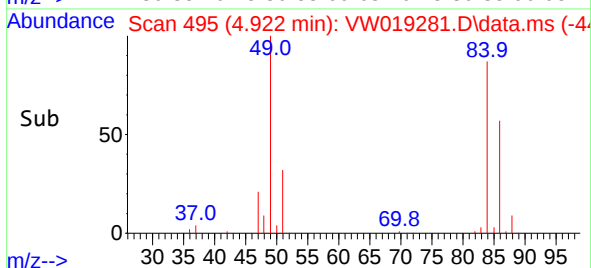
Tgt Ion: 73 Resp: 233383  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.4 26.0



#20  
Methylene Chloride  
Concen: 42.507 ug/l  
RT: 4.922 min Scan# 495  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



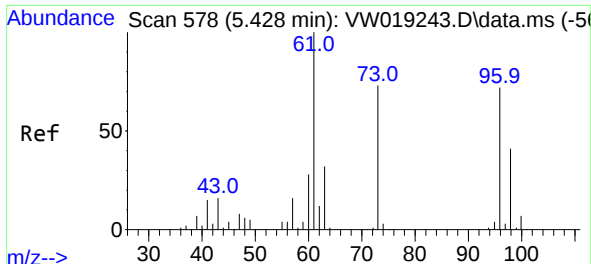
Tgt Ion: 84 Resp: 200229  
Ion Ratio Lower Upper  
84 100  
49 115.7 90.4 135.6  
51 36.7 27.1 40.7  
86 65.2 47.6 71.4



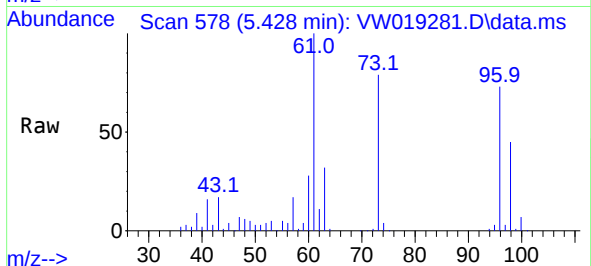
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

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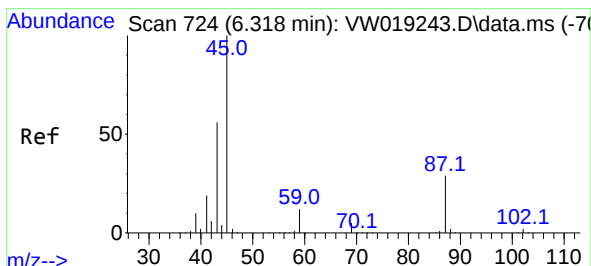
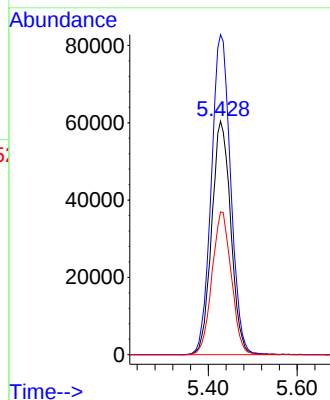
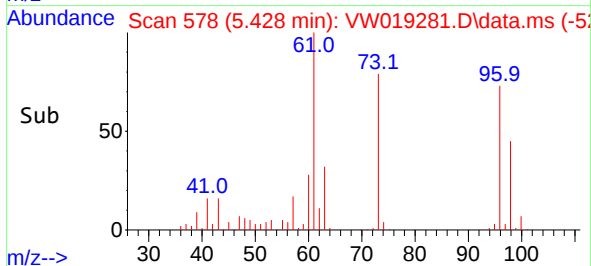
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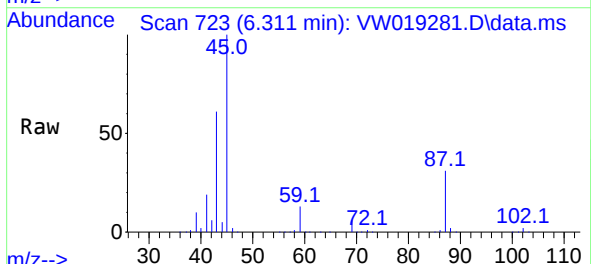
#21  
trans-1,2-Dichloroethene  
Concen: 38.677 ug/l  
RT: 5.428 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



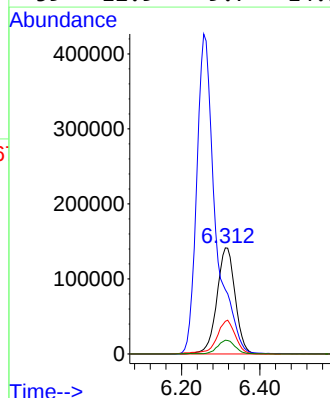
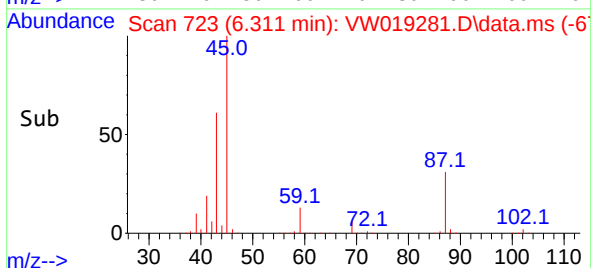
Tgt Ion: 96 Resp: 179868  
Ion Ratio Lower Upper  
96 100  
61 137.0 108.5 162.7  
98 61.1 49.4 74.0



#22  
Diisopropyl ether  
Concen: 37.719 ug/l  
RT: 6.311 min Scan# 723  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



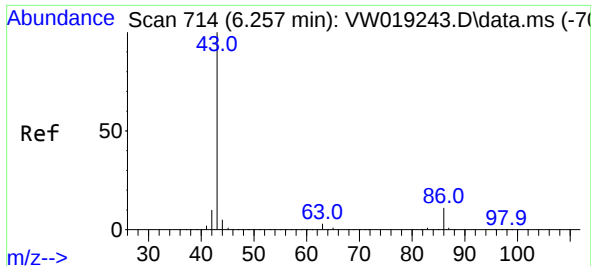
Tgt Ion: 45 Resp: 459605  
Ion Ratio Lower Upper  
45 100  
43 60.4 46.1 69.1  
87 30.7 23.4 35.2  
59 12.9 9.7 14.5



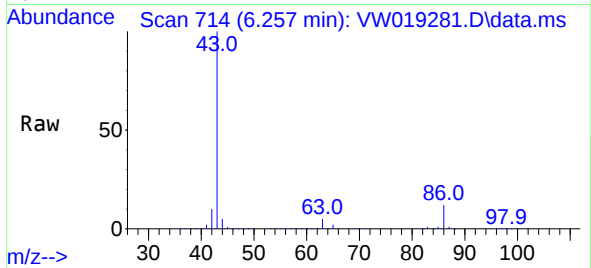
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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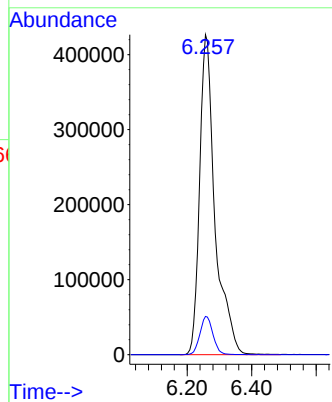
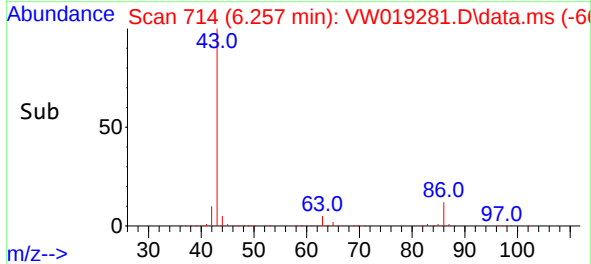
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#23  
 Vinyl Acetate  
 Concen: 191.129 ug/l  
 RT: 6.257 min Scan# 714  
 Delta R.T. -0.000 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33



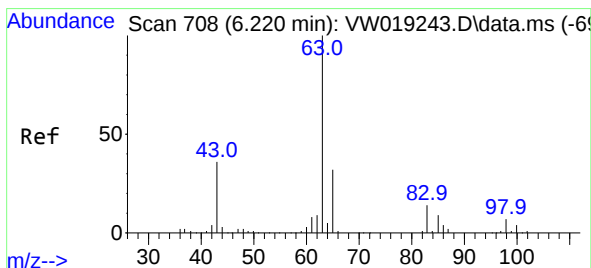
Tgt Ion: 43 Resp: 1413558  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 9.6 14.4



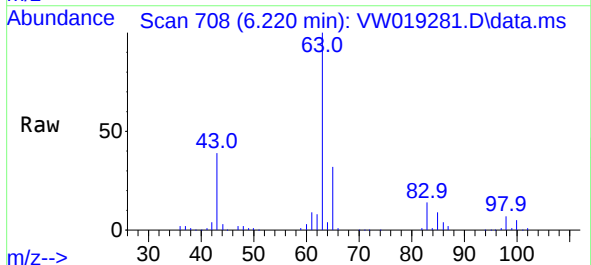
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

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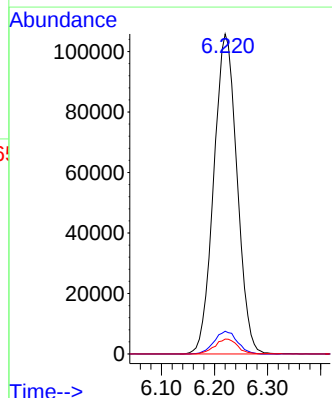
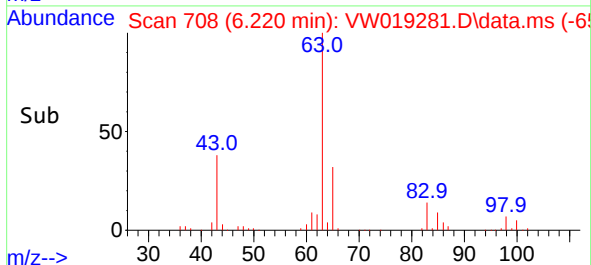
MMDadoda  
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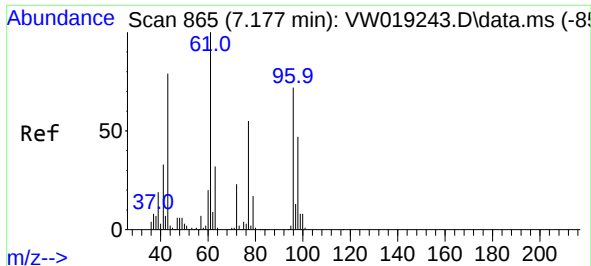


#24  
 1,1-Dichloroethane  
 Concen: 37.531 ug/l  
 RT: 6.220 min Scan# 708  
 Delta R.T. 0.000 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33

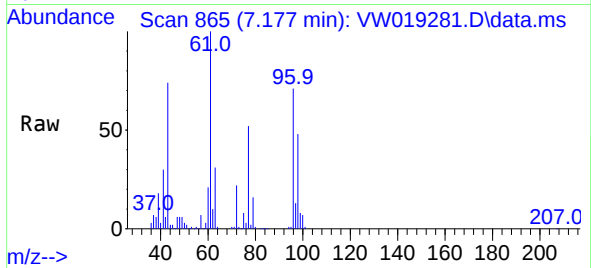


Tgt Ion: 63 Resp: 322317  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.6 10.9  
 100 4.7 2.3 6.8

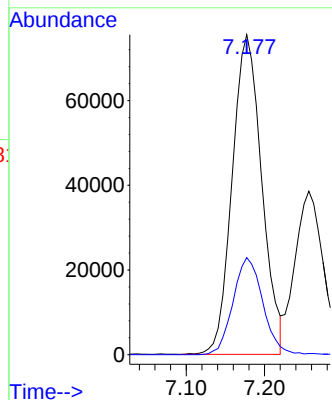




#25  
2-Butanone  
Concen: 178.138 ug/l  
RT: 7.177 min Scan# 865  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



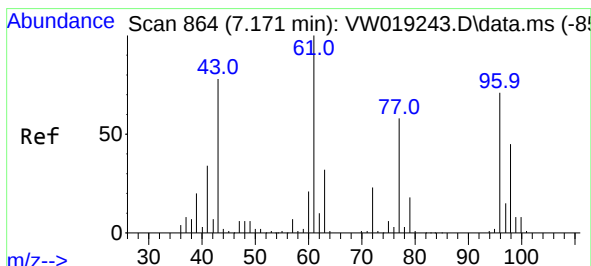
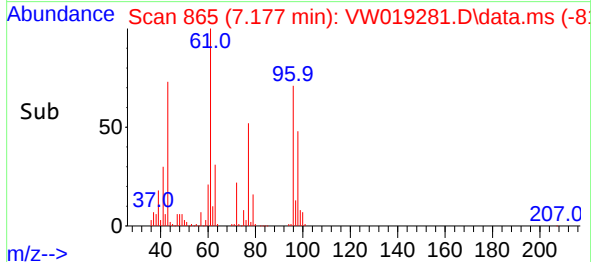
Tgt Ion: 43 Resp: 197783  
Ion Ratio Lower Upper  
43 100  
72 30.4 24.0 36.0



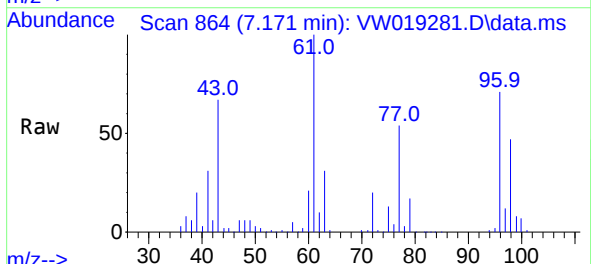
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

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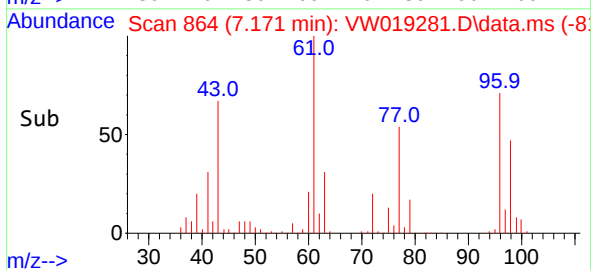
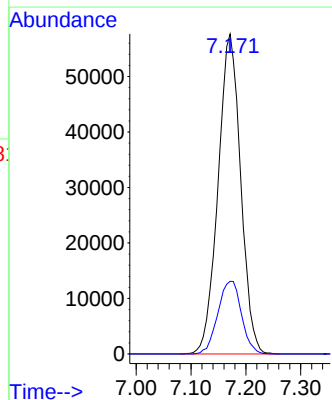
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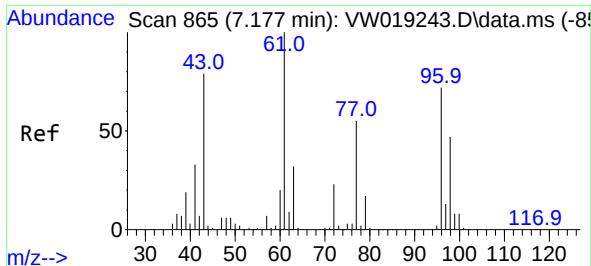


#26  
2,2-Dichloropropane  
Concen: 35.118 ug/l  
RT: 7.171 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

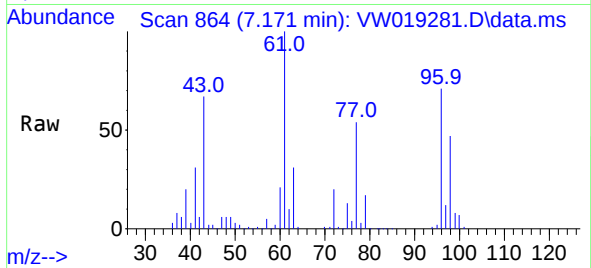


Tgt Ion: 77 Resp: 165215  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.8 35.3



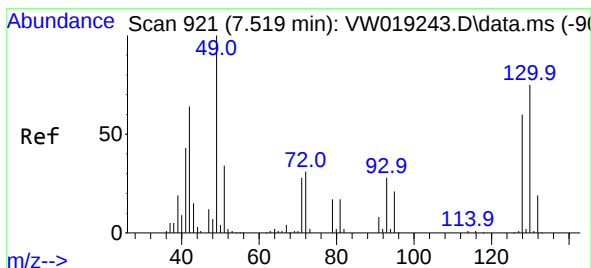
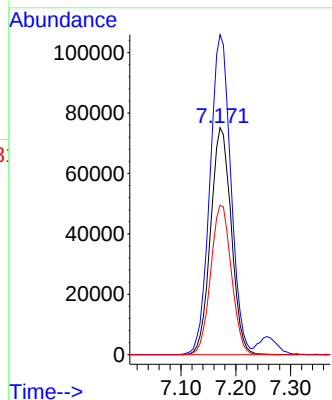
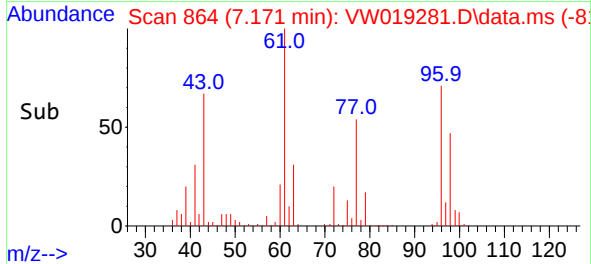


#27  
 cis-1,2-Dichloroethene  
 Concen: 38.869 ug/l  
 RT: 7.171 min Scan# 864  
 Delta R.T. -0.006 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33

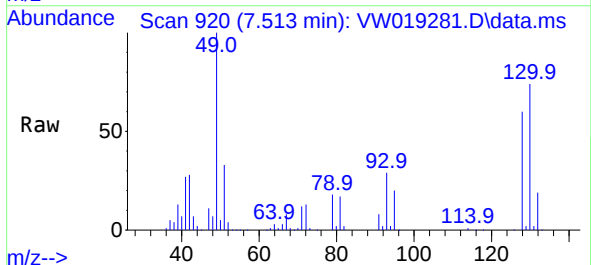


Tgt Ion: 96 Resp: 196184  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 143.0 | 0.0   | 281.2 |
| 98  | 66.3  | 0.0   | 127.4 |

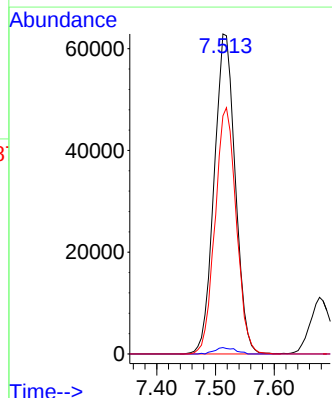
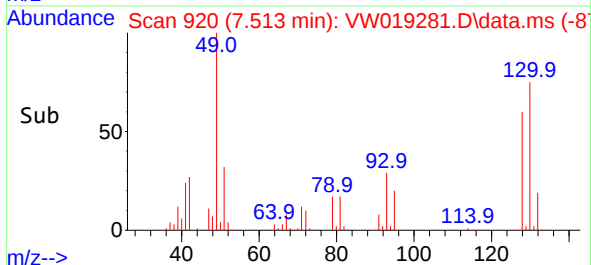


#28  
 Bromochloromethane  
 Concen: 46.145 ug/l  
 RT: 7.513 min Scan# 920  
 Delta R.T. -0.006 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33



Tgt Ion: 49 Resp: 156872  

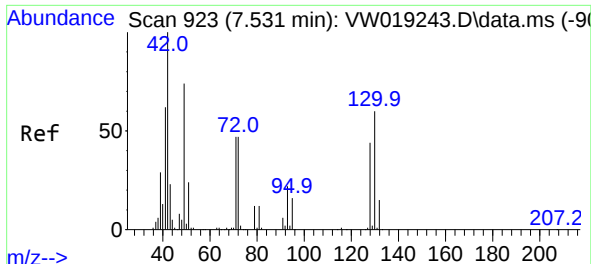
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.9   | 0.0   | 4.4   |
| 130 | 77.2  | 63.0  | 94.4  |



Instrument :  
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#29

Tetrahydrofuran

Concen: 188.202 ug/l

RT: 7.537 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW019281.D

Acq: 22 Jun 2021 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 129423 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 50.8  | 40.1  | 60.1   |
| 71       | 48.3  | 38.3  | 57.5   |

Instrument :

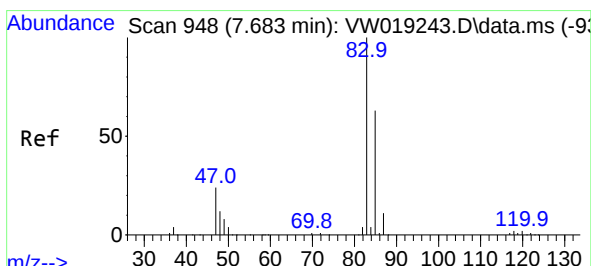
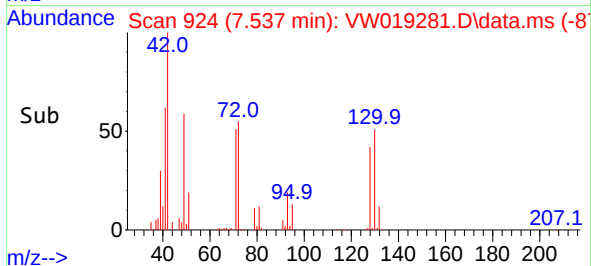
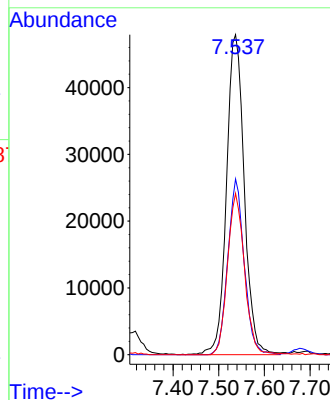
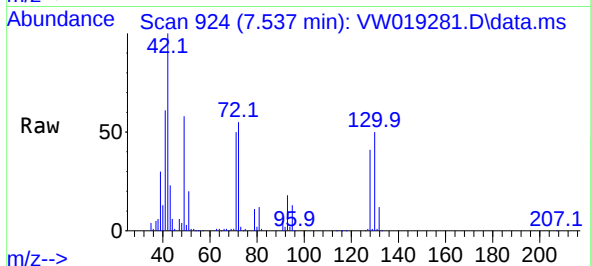
MSVOA\_W

ClientSampleId :

VSTDCCC050EC

Manual Integrations  
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#30

Chloroform

Concen: 38.298 ug/l

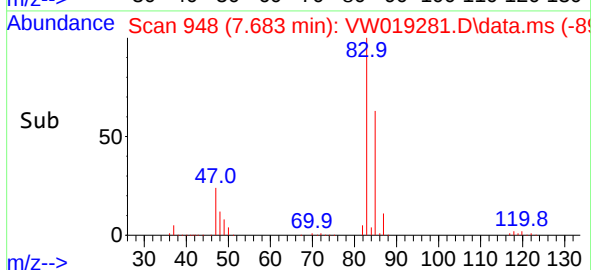
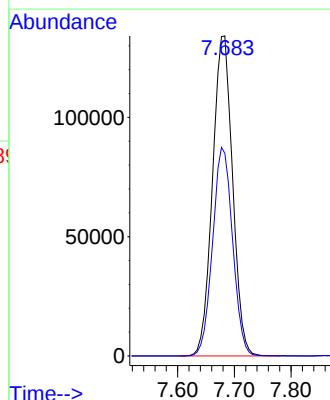
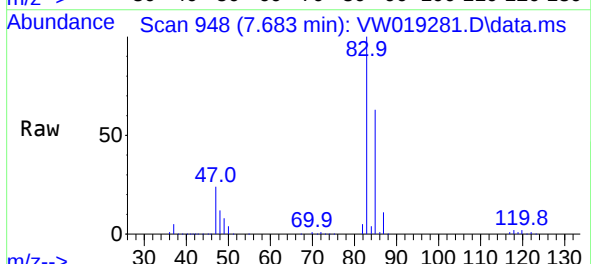
RT: 7.683 min Scan# 948

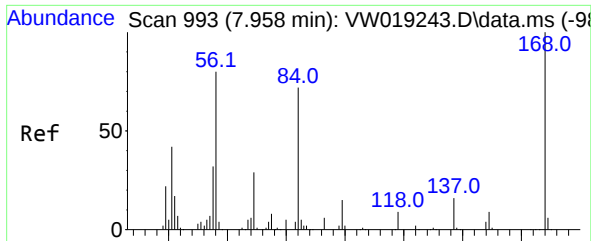
Delta R.T. 0.000 min

Lab File: VW019281.D

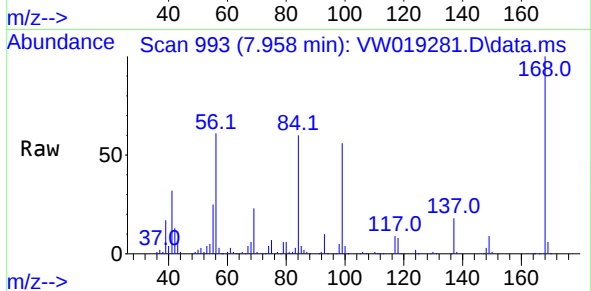
Acq: 22 Jun 2021 20:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 329885 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.3  | 53.4  | 80.0   |

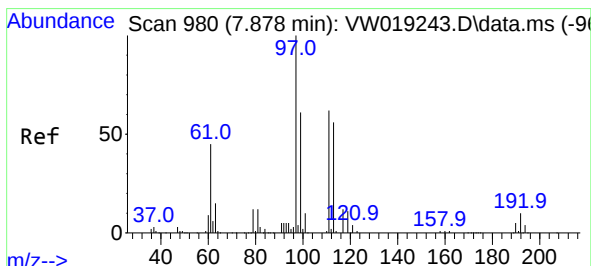
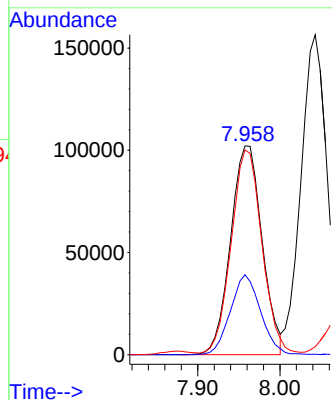
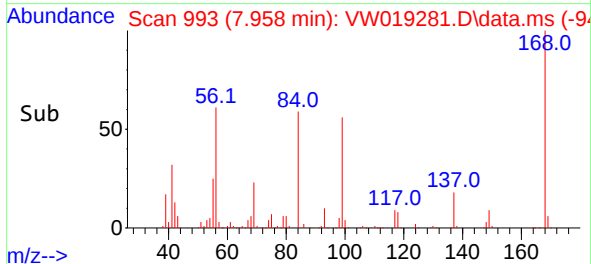




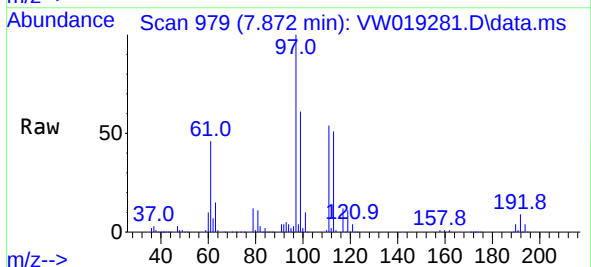
#31  
Cyclohexane  
Concen: 34.083 ug/l  
RT: 7.958 min Scan# 993  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



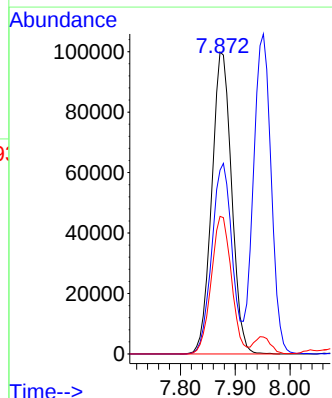
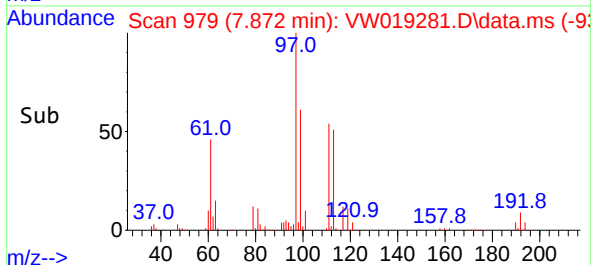
Tgt Ion: 56 Resp: 271825  
Ion Ratio Lower Upper  
56 100  
69 38.3 28.4 42.6  
84 96.5 72.3 108.5



#32  
1,1,1-Trichloroethane  
Concen: 38.696 ug/l  
RT: 7.872 min Scan# 979  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



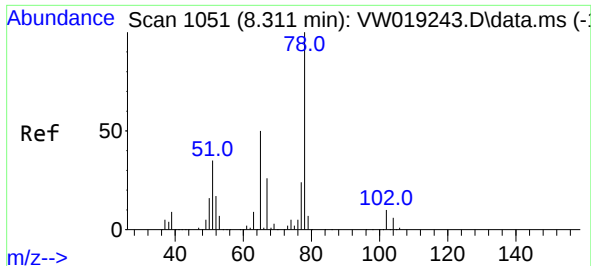
Tgt Ion: 97 Resp: 251022  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.2 78.4  
61 46.2 36.7 55.1



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

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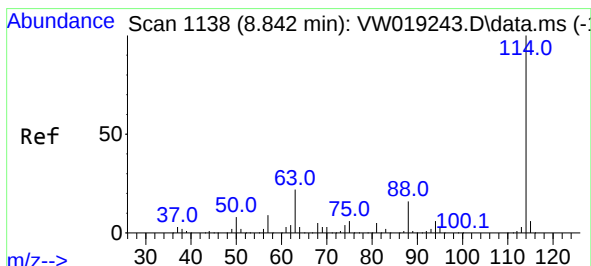
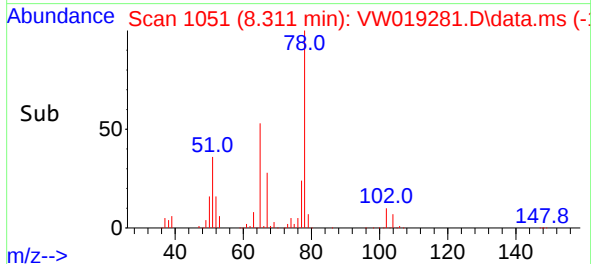
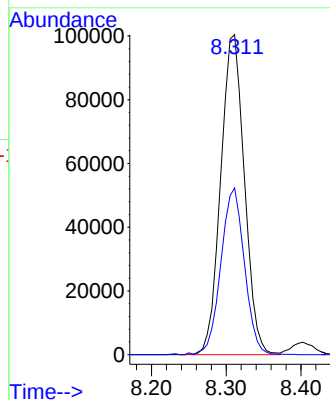
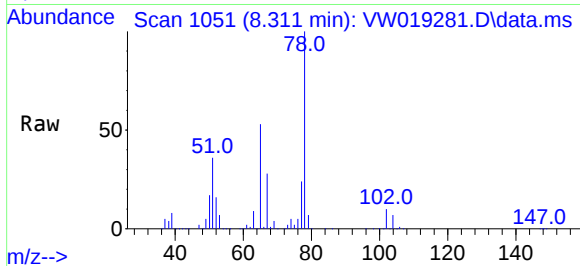
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.286 ug/l  
 RT: 8.311 min Scan# 1051  
 Delta R.T. 0.000 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33

Tgt Ion: 65 Resp: 221793  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 104.0

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050EC

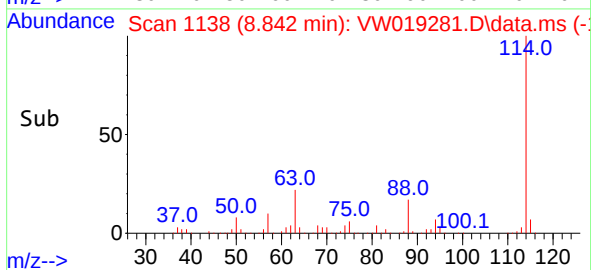
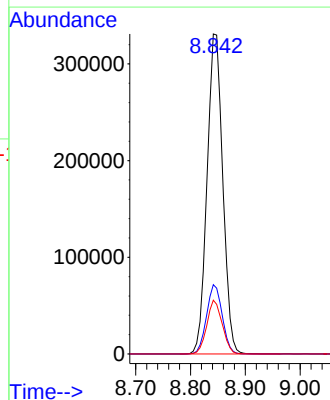
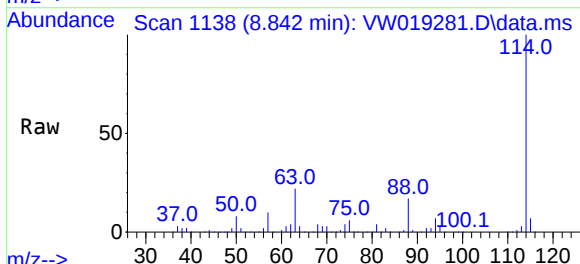
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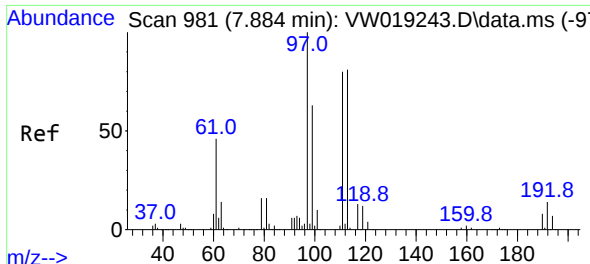
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.842 min Scan# 1138  
 Delta R.T. -0.000 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33

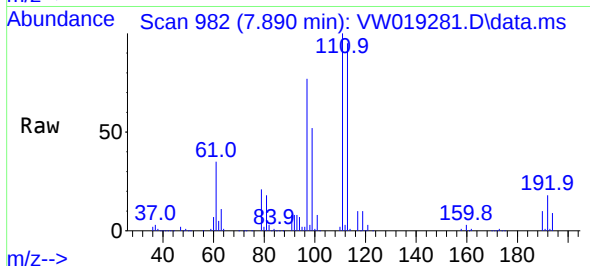
Tgt Ion: 114 Resp: 657217  
 Ion Ratio Lower Upper  
 114 100  
 63 21.7 0.0 42.4  
 88 16.8 0.0 33.2





#35  
Dibromofluoromethane  
Concen: 46.986 ug/l  
RT: 7.890 min Scan# 982  
Delta R.T. 0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

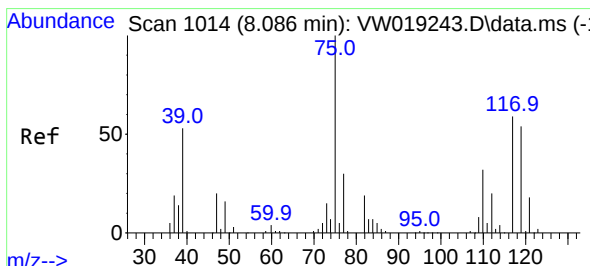
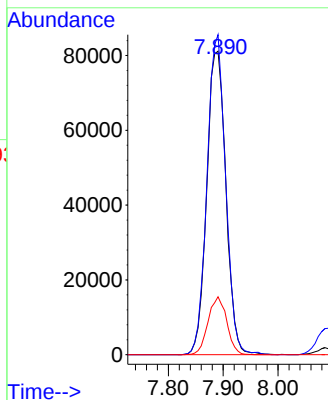
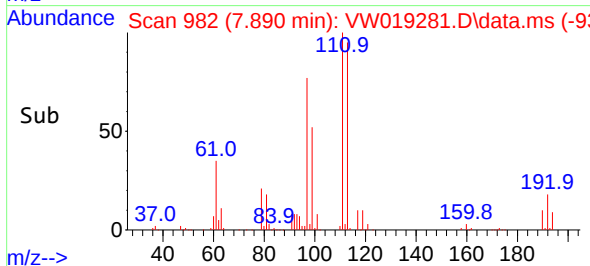
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



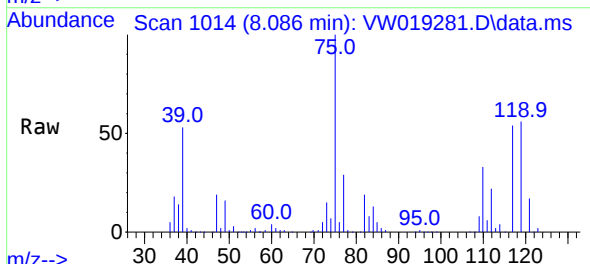
Tgt Ion:113 Resp: 196686  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.3 123.5  
192 18.6 15.3 22.9

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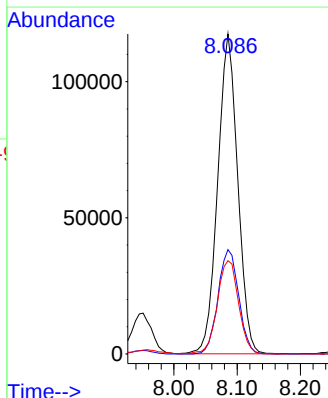
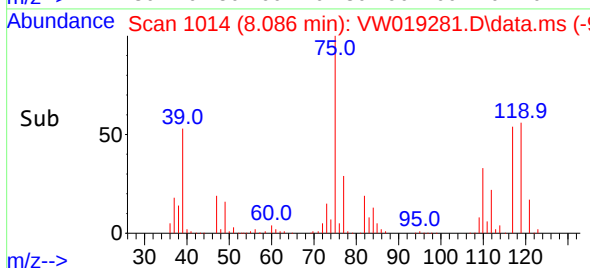
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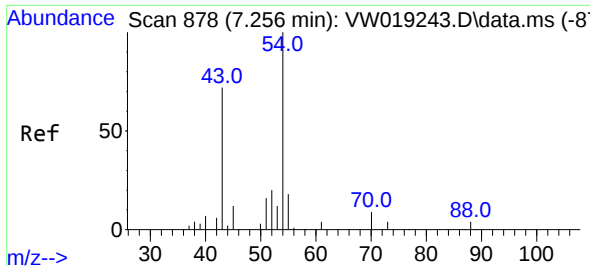


#36  
1,1-Dichloropropene  
Concen: 36.985 ug/l  
RT: 8.086 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



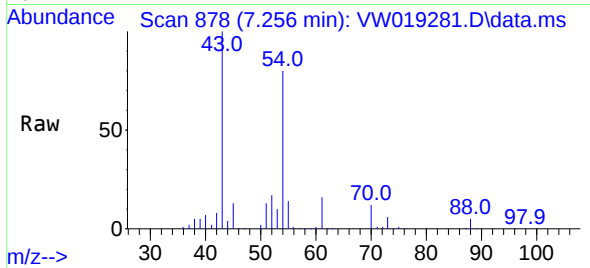
Tgt Ion: 75 Resp: 257244  
Ion Ratio Lower Upper  
75 100  
110 33.6 17.1 51.2  
77 31.0 25.3 37.9





#37  
Ethyl Acetate  
Concen: 38.628 ug/l  
RT: 7.256 min Scan# 878  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

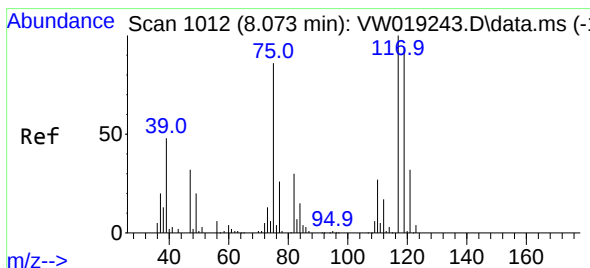
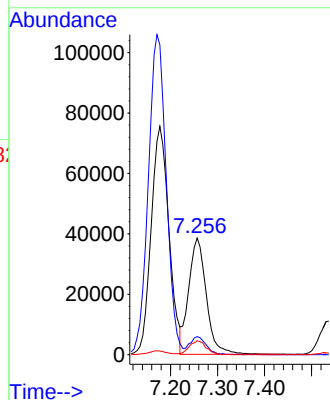
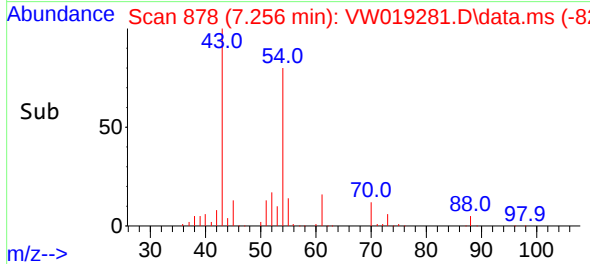
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



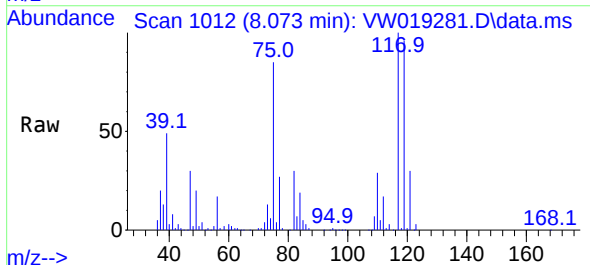
Tgt Ion: 43 Resp: 100441  
Ion Ratio Lower Upper  
43 100  
61 13.8 12.2 18.4  
70 11.6 9.5 14.3

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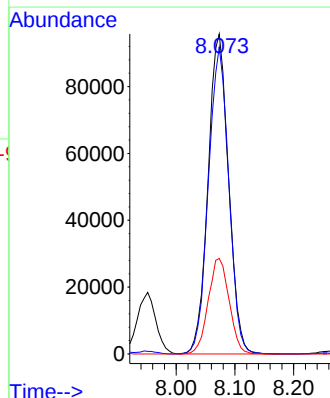
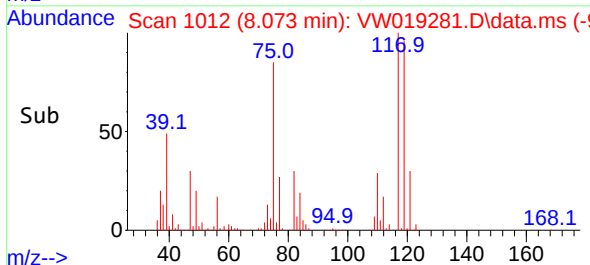
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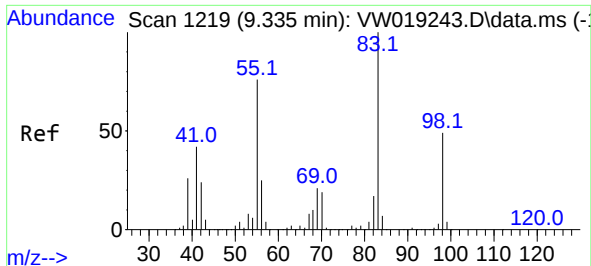


#38  
Carbon Tetrachloride  
Concen: 38.188 ug/l  
RT: 8.073 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



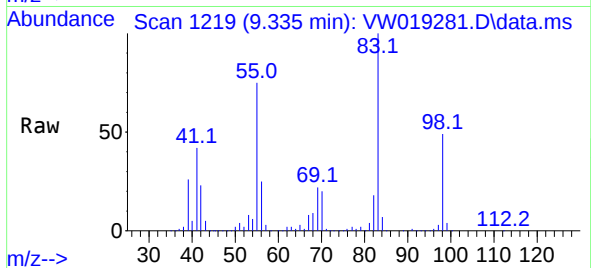
Tgt Ion: 117 Resp: 232199  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.4 116.0  
121 29.8 23.6 35.4





#39  
Methylcyclohexane  
Concen: 37.882 ug/l  
RT: 9.335 min Scan# 1219  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

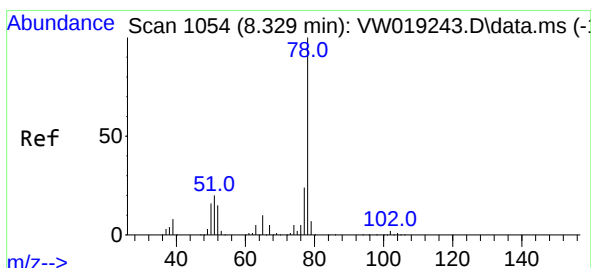
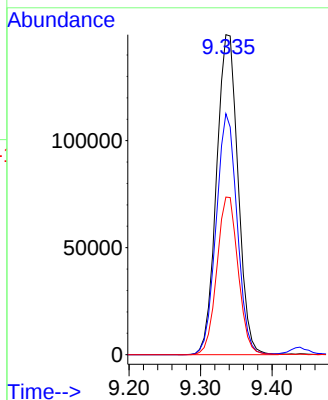
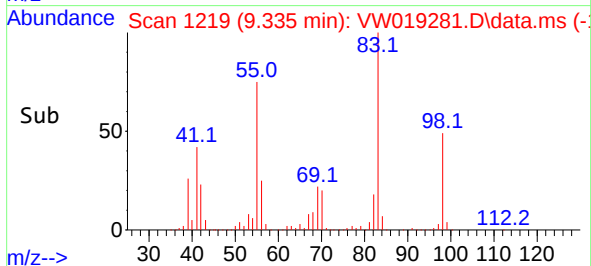
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



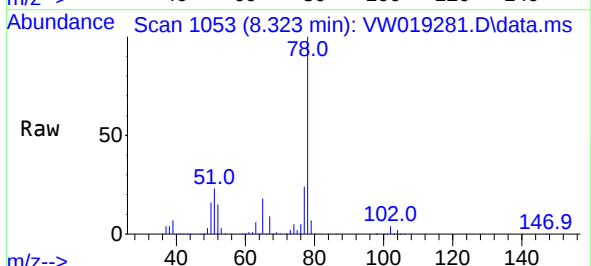
Tgt Ion: 83 Resp: 312512  
Ion Ratio Lower Upper  
83 100  
55 75.3 60.9 91.3  
98 49.2 38.4 57.6

Manual Integrations  
APPROVED

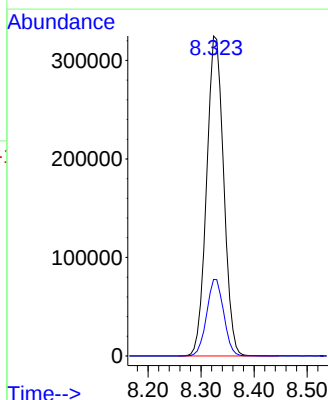
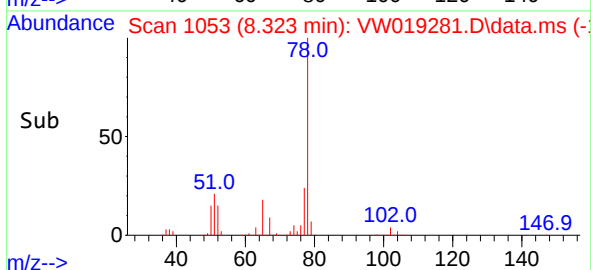
MMDadoda  
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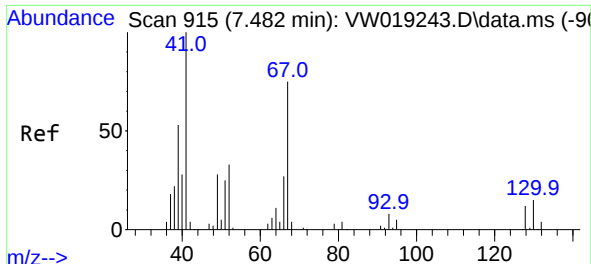


#40  
Benzene  
Concen: 38.070 ug/l  
RT: 8.323 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



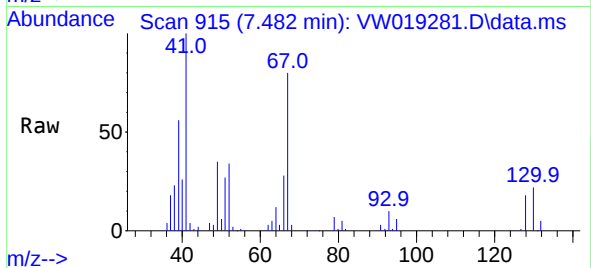
Tgt Ion: 78 Resp: 725437  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.6 29.4





#41  
Methacrylonitrile  
Concen: 37.073 ug/l  
RT: 7.482 min Scan# 915  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

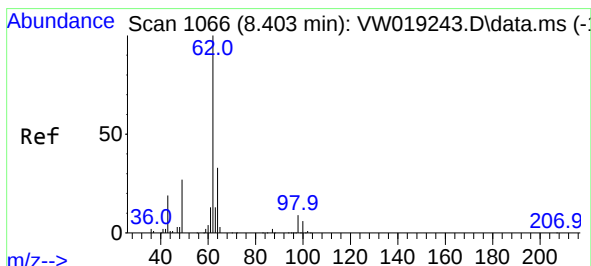
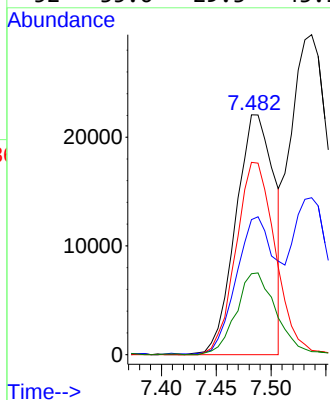
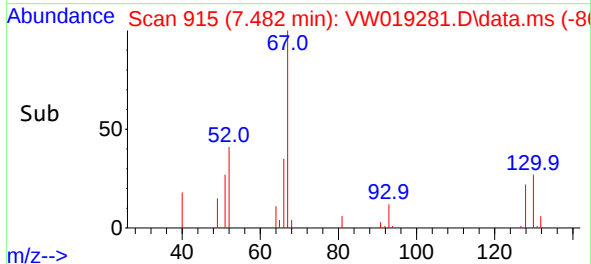


Tgt Ion: 41 Resp: 53938

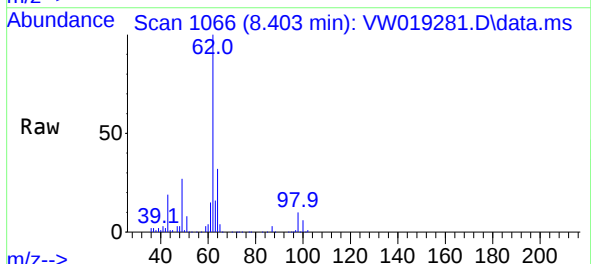
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 61.3  | 50.1  | 75.1  |
| 67  | 82.6  | 69.0  | 103.4 |
| 52  | 35.6  | 29.3  | 43.9  |

Manual Integrations  
APPROVED

MMDadoda  
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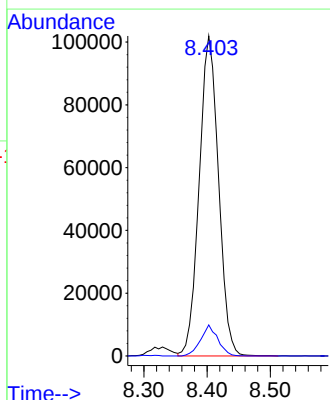
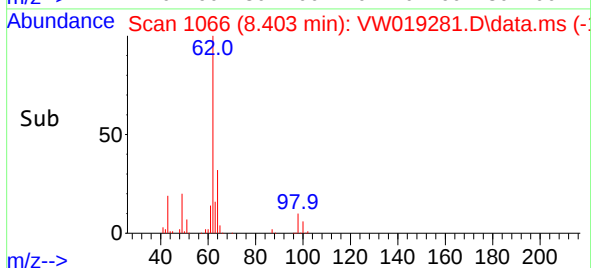


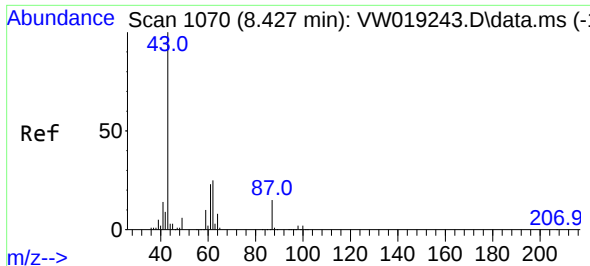
#42  
1,2-Dichloroethane  
Concen: 38.406 ug/l  
RT: 8.403 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



Tgt Ion: 62 Resp: 217440

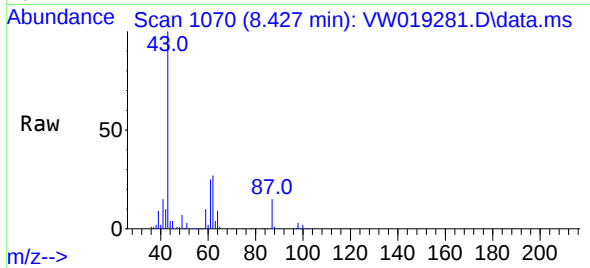
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 0.0   | 18.0  |





#43  
Isopropyl Acetate  
Concen: 38.187 ug/l  
RT: 8.427 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

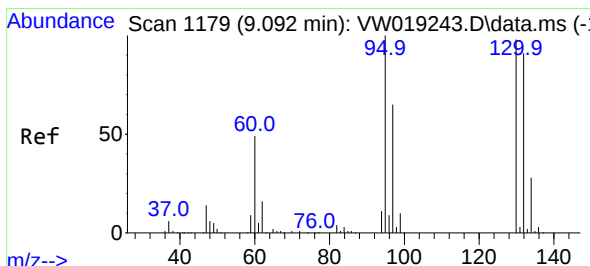
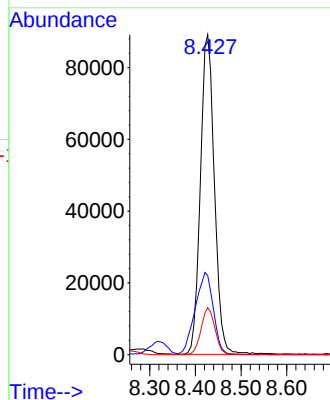
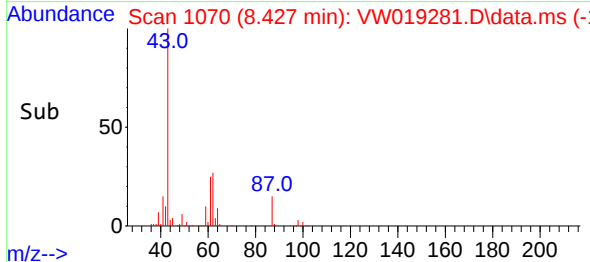
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



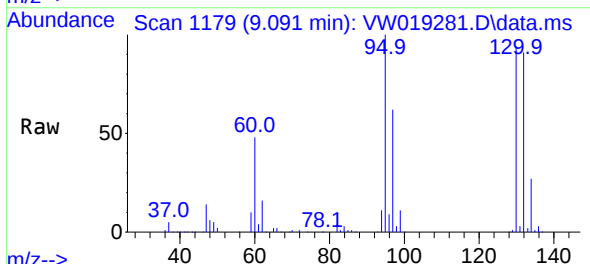
Tgt Ion: 43 Resp: 189508  
Ion Ratio Lower Upper  
43 100  
61 33.0 27.0 40.6  
87 14.6 11.6 17.4

Manual Integrations  
APPROVED

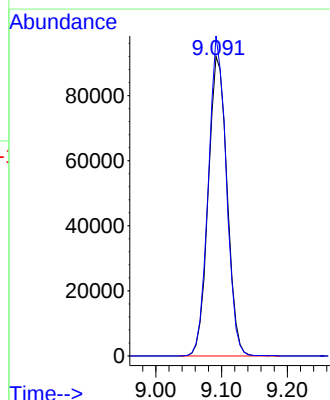
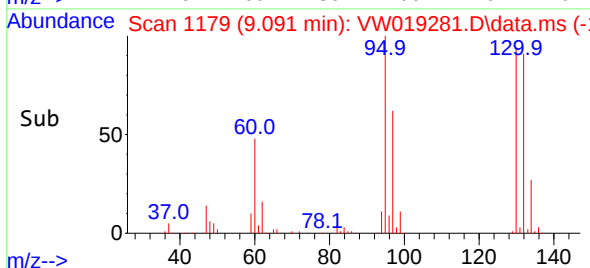
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6/23/2021 5:29:34 PM

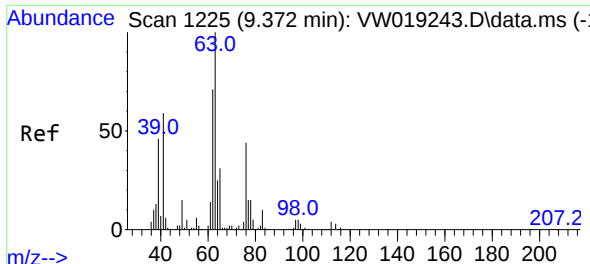


#44  
Trichloroethene  
Concen: 38.636 ug/l  
RT: 9.091 min Scan# 1179  
Delta R.T. -0.001 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



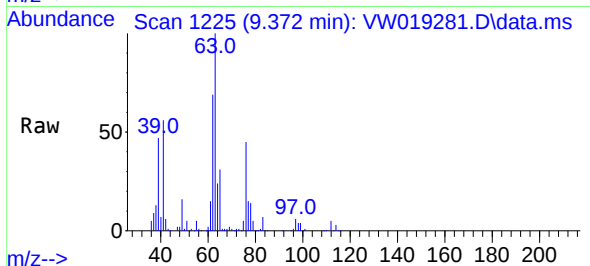
Tgt Ion: 130 Resp: 183222  
Ion Ratio Lower Upper  
130 100  
95 106.9 0.0 199.0



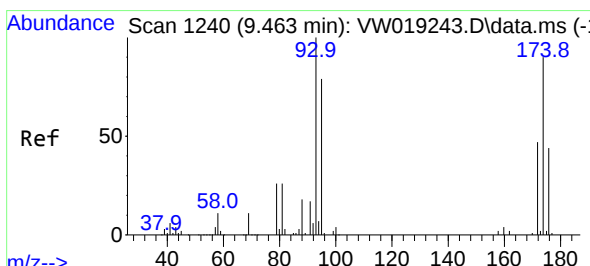
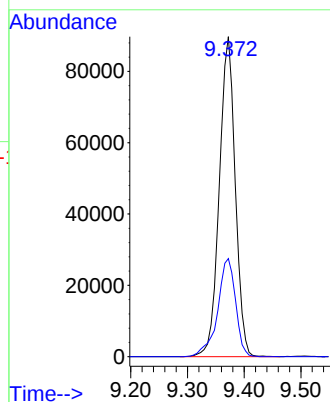
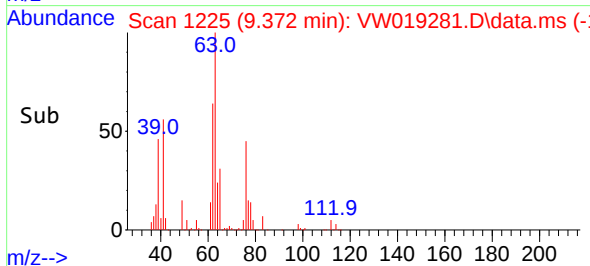


#45  
1,2-Dichloropropane  
Concen: 37.376 ug/l  
RT: 9.372 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

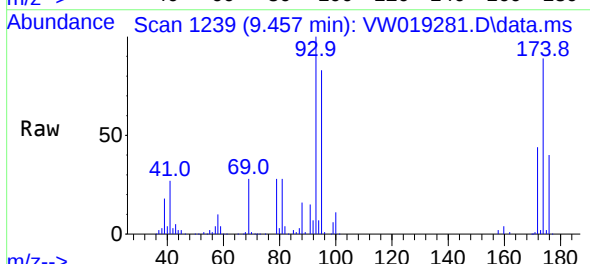
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



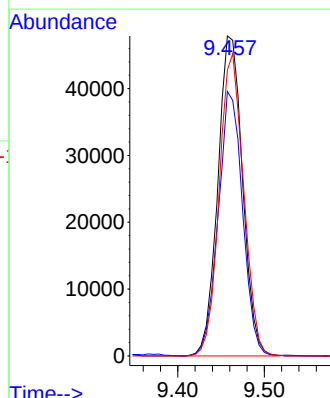
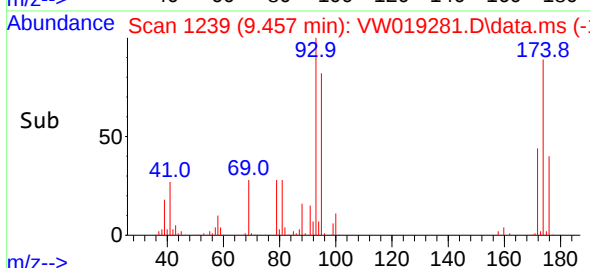
Tgt Ion: 63 Resp: 174790  
Ion Ratio Lower Upper  
63 100  
65 30.7 24.1 36.1

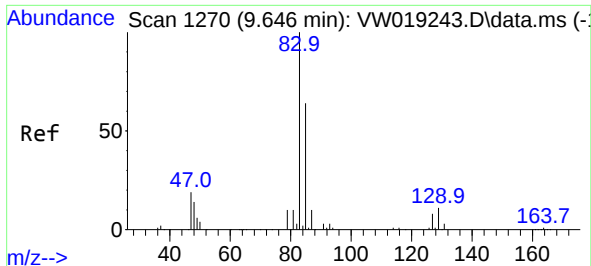


#46  
Dibromomethane  
Concen: 38.713 ug/l  
RT: 9.457 min Scan# 1239  
Delta R.T. -0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



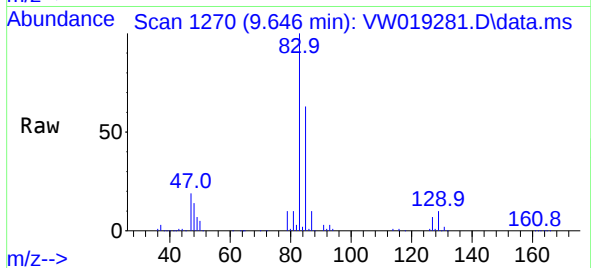
Tgt Ion: 93 Resp: 95099  
Ion Ratio Lower Upper  
93 100  
95 81.2 66.7 100.1  
174 92.7 75.3 112.9





#47  
Bromodichloromethane  
Concen: 38.283 ug/l  
RT: 9.646 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

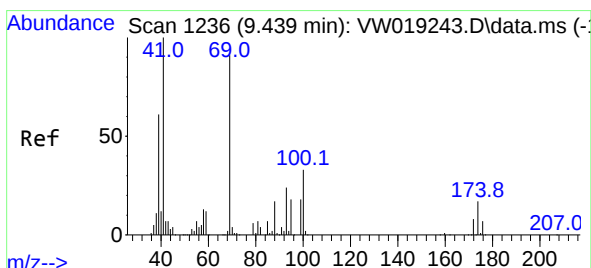
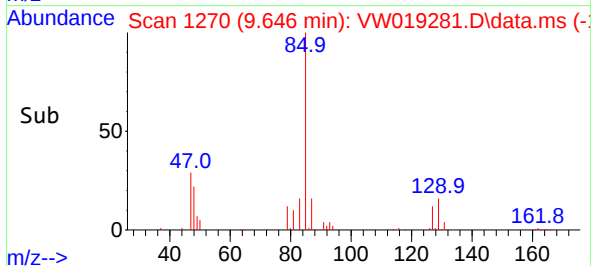
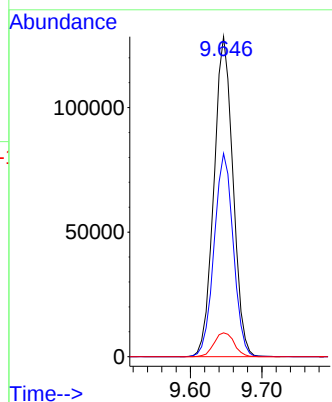
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



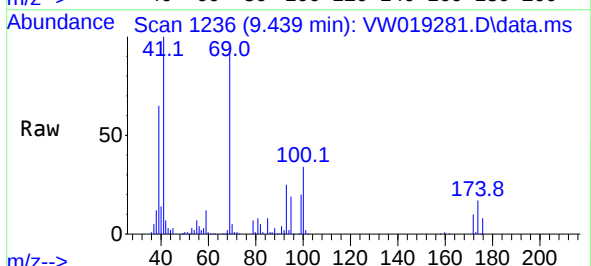
Tgt Ion: 83 Resp: 237733  
Ion Ratio Lower Upper  
83 100  
85 63.5 53.4 80.2  
127 7.5 7.0 10.6

Manual Integrations  
APPROVED

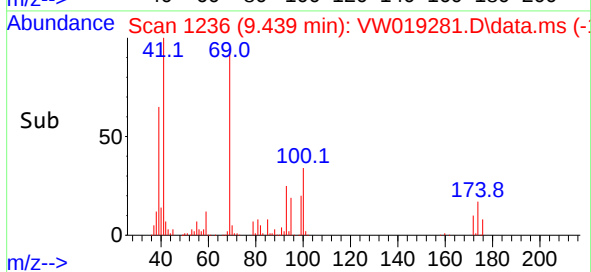
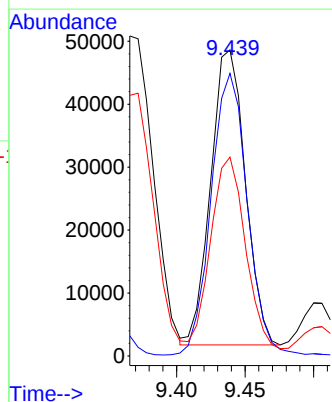
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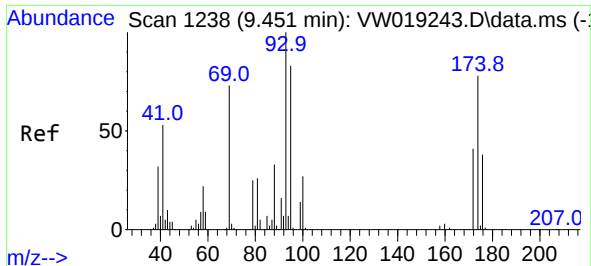


#48  
Methyl methacrylate  
Concen: 36.899 ug/l  
RT: 9.439 min Scan# 1236  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



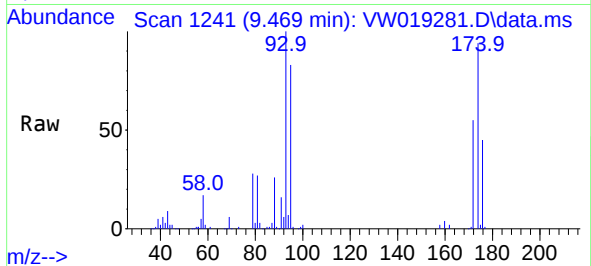
Tgt Ion: 41 Resp: 82418  
Ion Ratio Lower Upper  
41 100  
69 101.8 80.2 120.2  
39 64.2 51.5 77.3





#49  
1,4-Dioxane  
Concen: 802.254 ug/l  
RT: 9.469 min Scan# 1241  
Delta R.T. 0.018 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

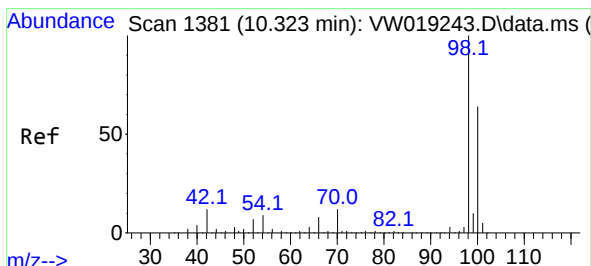
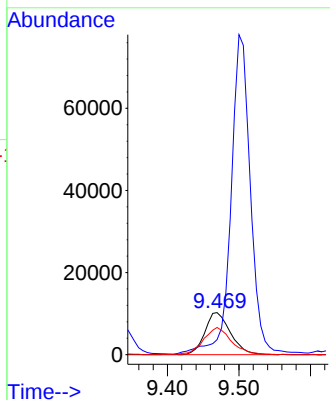
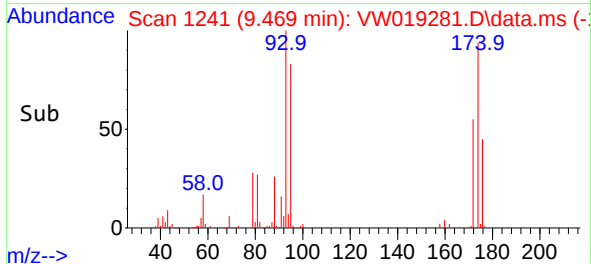
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



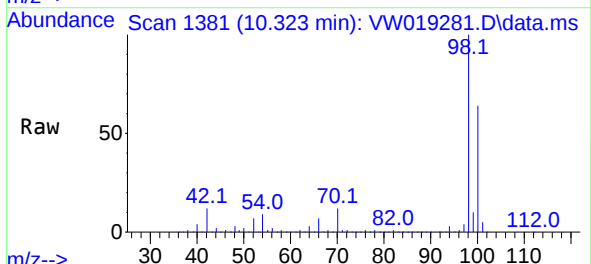
Tgt Ion: 88 Resp: 25436  
Ion Ratio Lower Upper  
88 100  
43 0.0 22.1 33.1#  
58 70.7 55.4 83.2

Manual Integrations  
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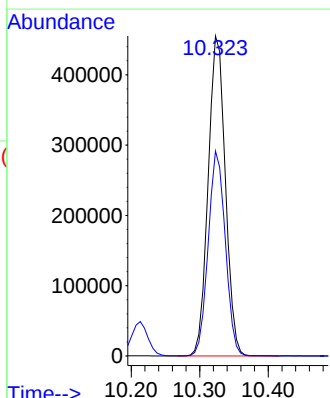
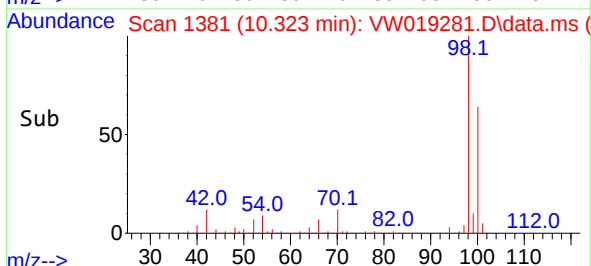
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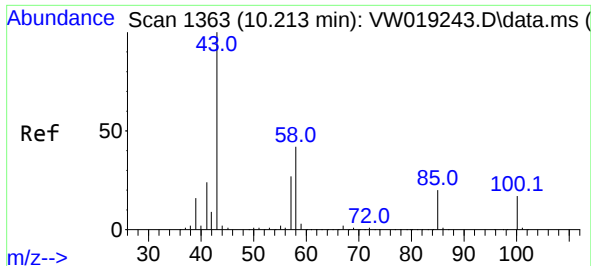


#50  
Toluene-d8  
Concen: 47.435 ug/l  
RT: 10.323 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



Tgt Ion: 98 Resp: 794892  
Ion Ratio Lower Upper  
98 100  
100 63.7 52.0 78.0





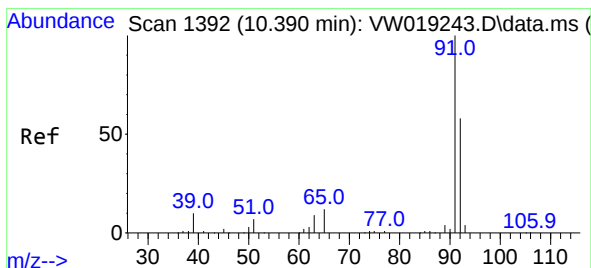
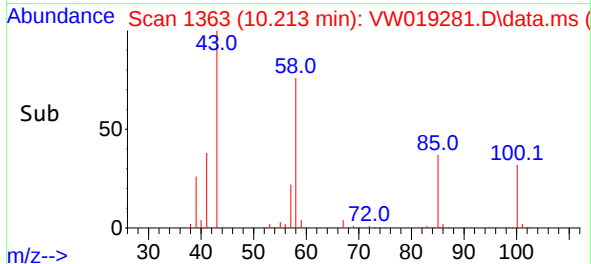
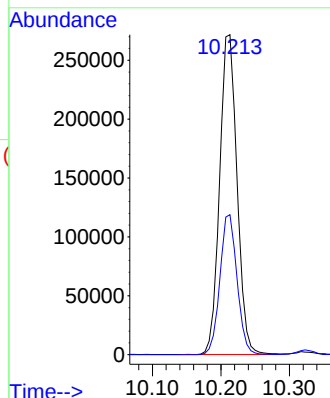
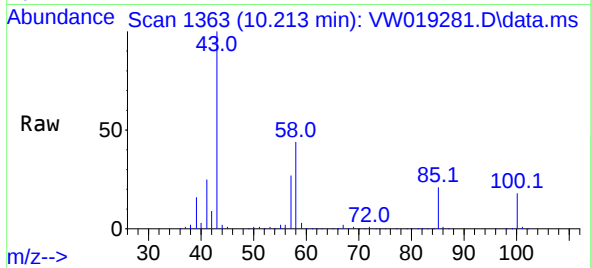
#51  
4-Methyl-2-Pentanone  
Concen: 190.304 ug/l  
RT: 10.213 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 478465  
Ion Ratio Lower Upper  
43 100  
58 43.1 34.2 51.4

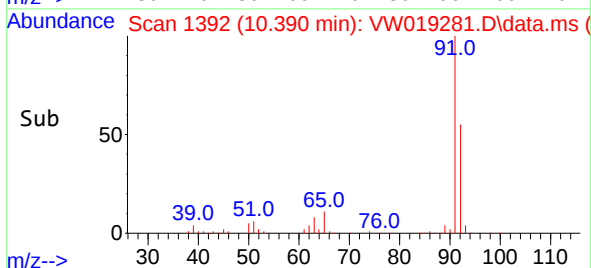
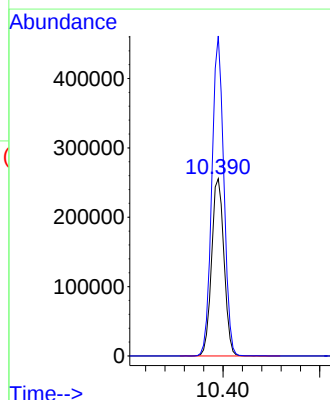
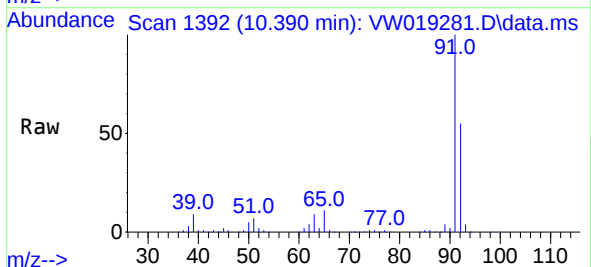
Manual Integrations  
APPROVED

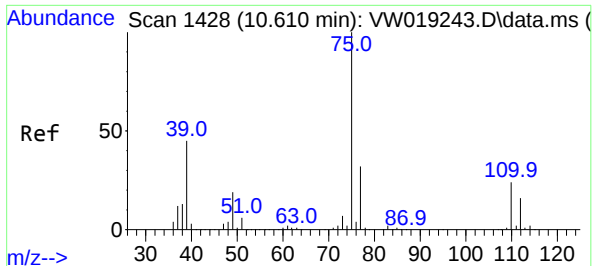
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#52  
Toluene  
Concen: 38.313 ug/l  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

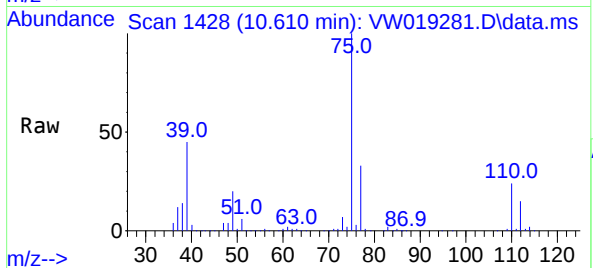
Tgt Ion: 92 Resp: 454293  
Ion Ratio Lower Upper  
92 100  
91 174.4 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 37.967 ug/l  
RT: 10.610 min Scan# 1428  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

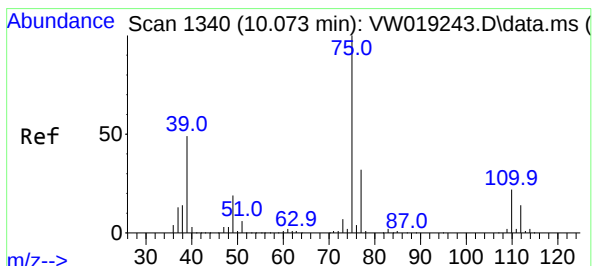
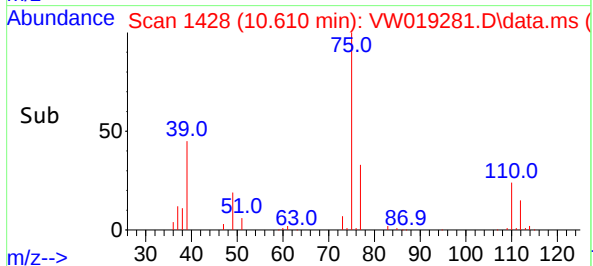
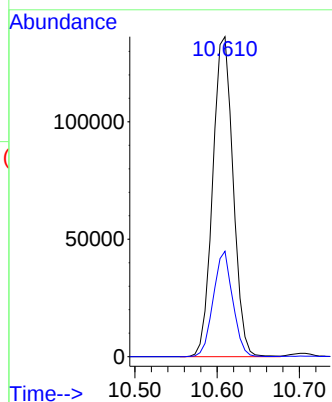
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



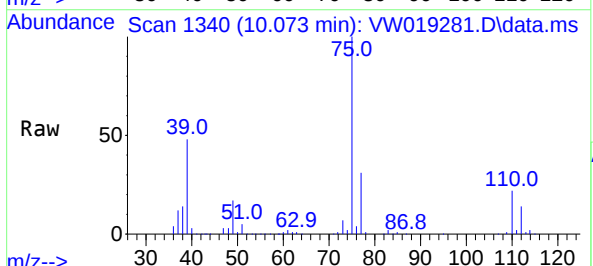
Tgt Ion: 75 Resp: 235032  
Ion Ratio Lower Upper  
75 100  
77 33.0 24.8 37.2

Manual Integrations  
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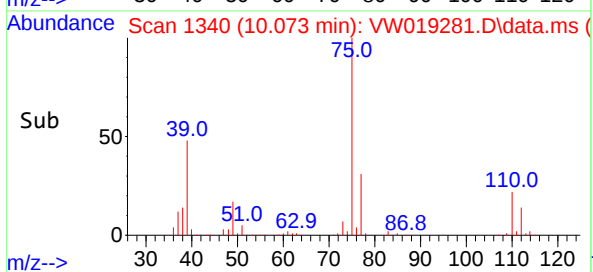
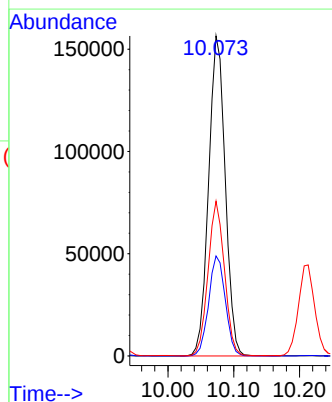
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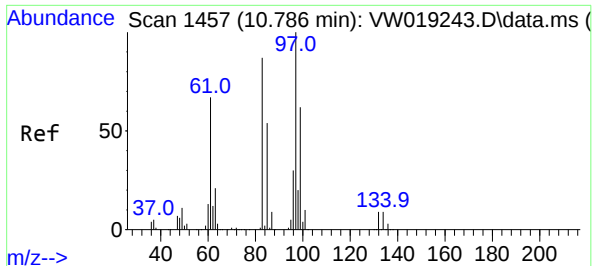


#54  
cis-1,3-Dichloropropene  
Concen: 38.103 ug/l  
RT: 10.073 min Scan# 1340  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

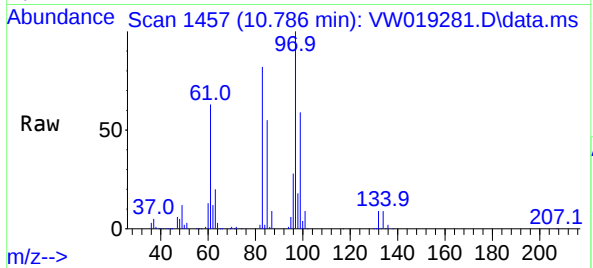


Tgt Ion: 75 Resp: 274976  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.0 37.6  
39 48.3 36.9 55.3

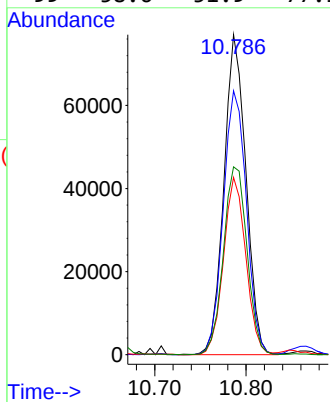




#55  
1,1,2-Trichloroethane  
Concen: 38.212 ug/l  
RT: 10.786 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



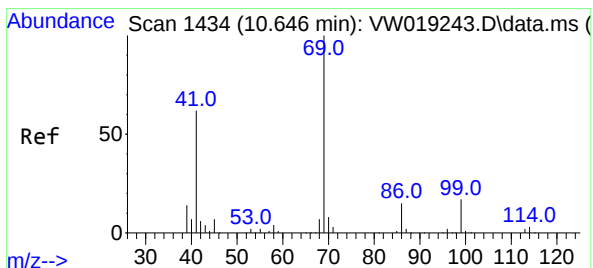
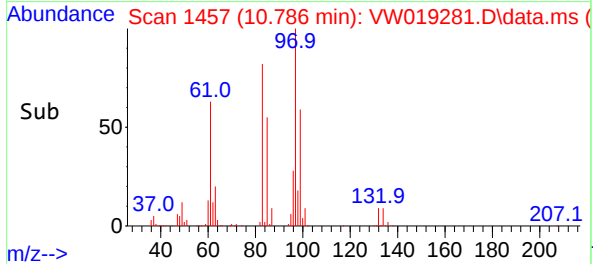
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 129354 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.4  | 70.6  | 106.0  |
| 85       | 55.4  | 45.8  | 68.6   |
| 99       | 58.6  | 51.9  | 77.9   |



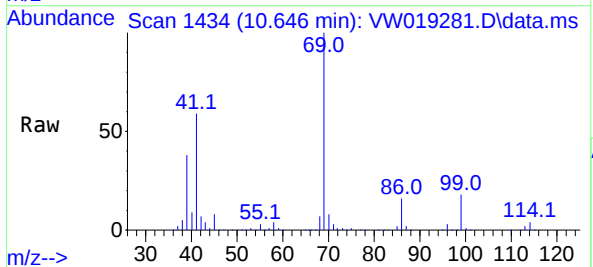
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

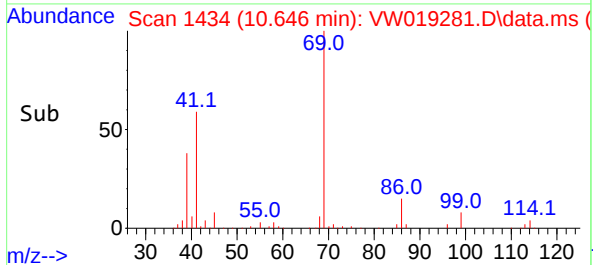
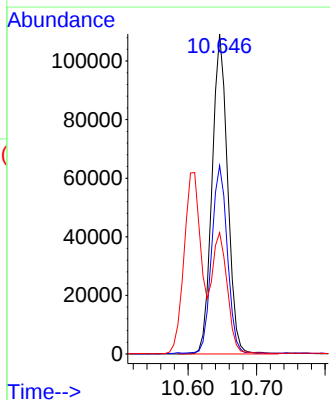
MMDadoda  
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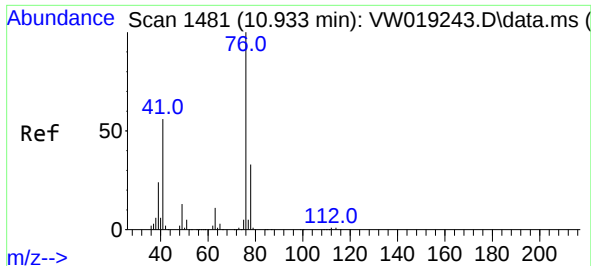


#56  
Ethyl methacrylate  
Concen: 40.062 ug/l  
RT: 10.646 min Scan# 1434  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 171764 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.1  | 48.7  | 73.1   |
| 39       | 36.3  | 29.0  | 43.4   |





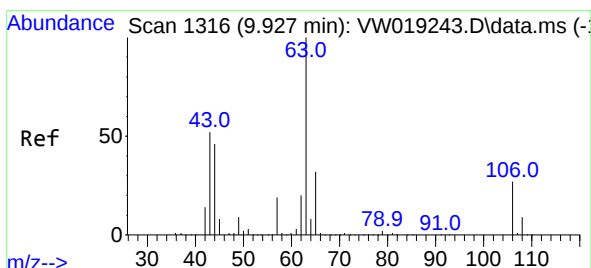
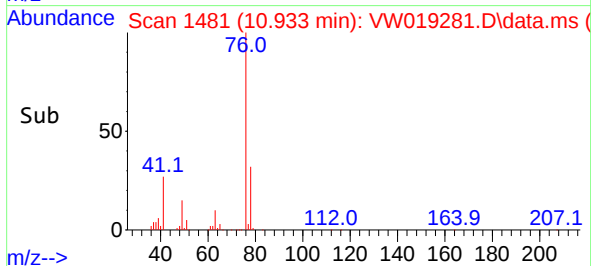
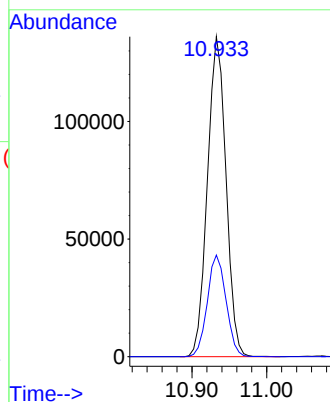
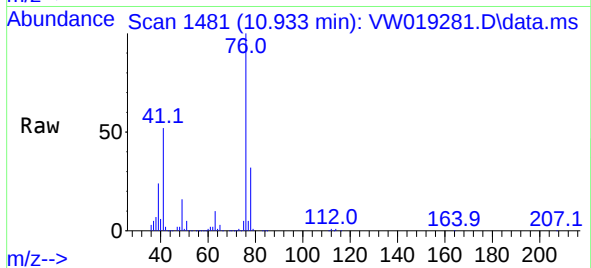
#57  
1,3-Dichloropropane  
Concen: 38.468 ug/l  
RT: 10.933 min Scan# 1481  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 76 Resp: 234513  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.5 38.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

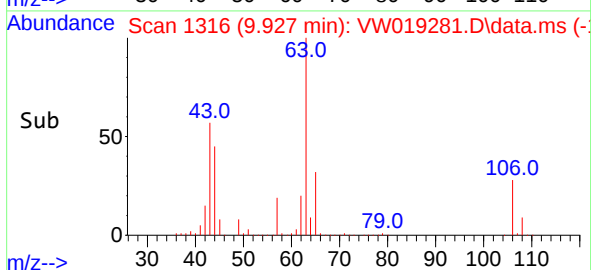
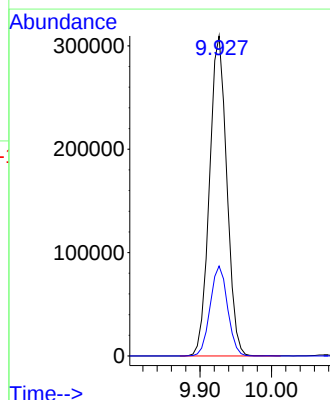
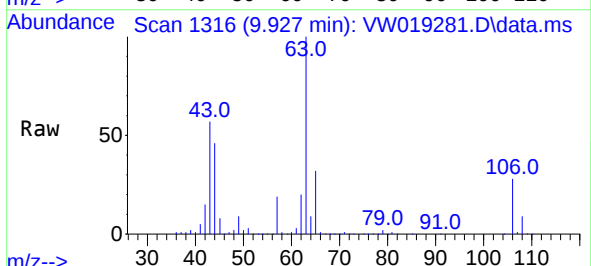
Manual Integrations  
APPROVED

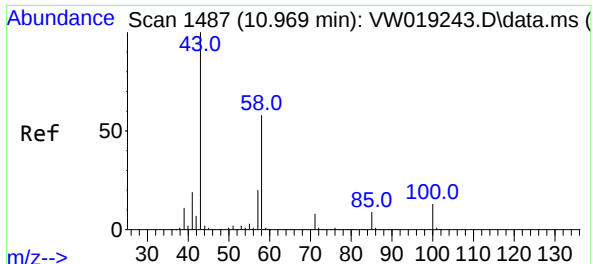
MMDadoda  
6/23/2021 5:29:34 PM



#58  
2-Chloroethyl Vinyl ether  
Concen: 258.895 ug/l  
RT: 9.927 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 63 Resp: 520442  
Ion Ratio Lower Upper  
63 100  
106 28.2 22.3 33.5





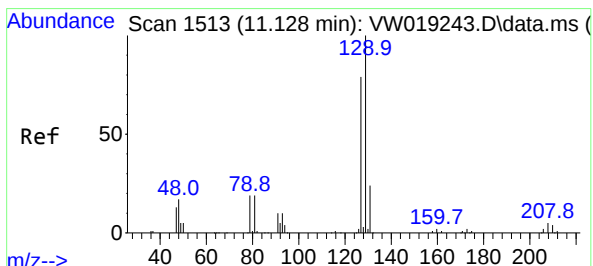
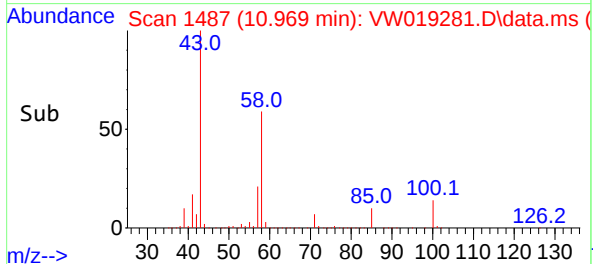
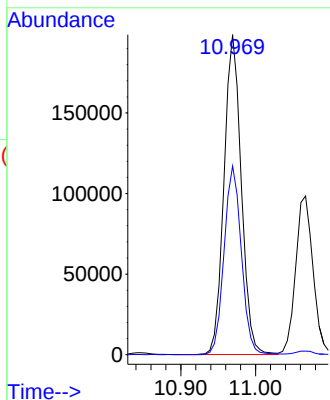
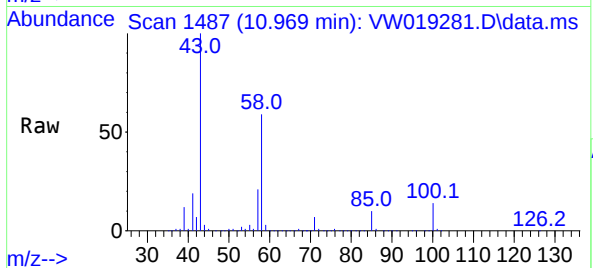
#59  
2-Hexanone  
Concen: 187.462 ug/l  
RT: 10.969 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 43 Resp: 319230  
Ion Ratio Lower Upper  
43 100  
58 58.9 29.0 87.1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

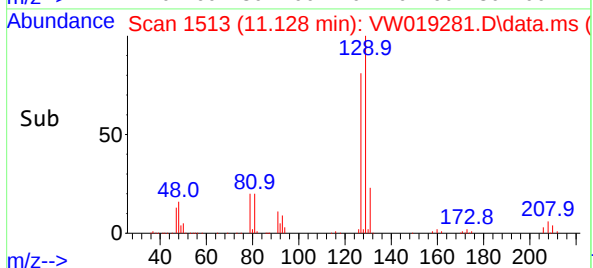
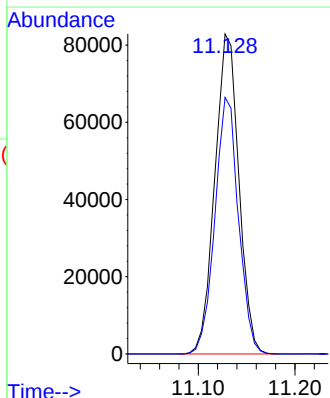
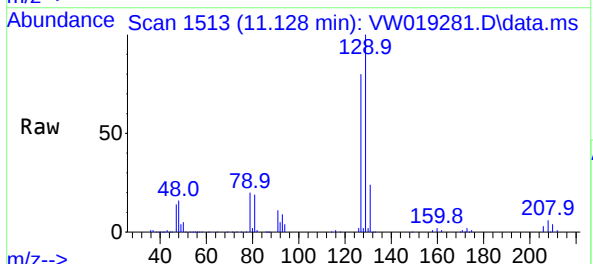
Manual Integrations  
APPROVED

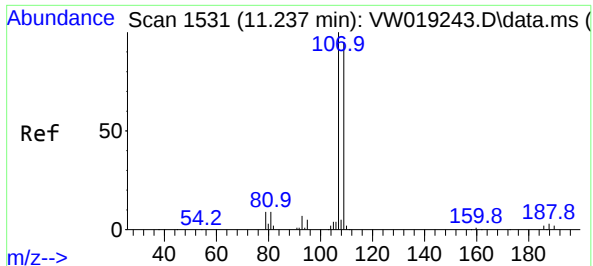
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6/23/2021 5:29:34 PM



#60  
Dibromochloromethane  
Concen: 39.040 ug/l  
RT: 11.128 min Scan# 1513  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

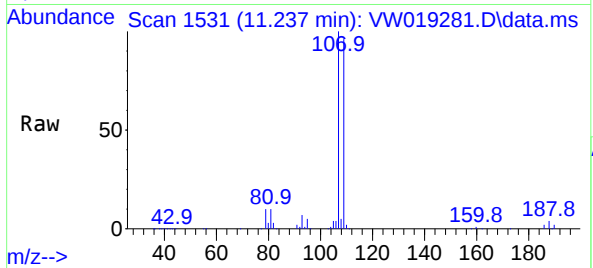
Tgt Ion: 129 Resp: 142990  
Ion Ratio Lower Upper  
129 100  
127 78.5 38.2 114.6





#61  
1,2-Dibromoethane  
Concen: 39.470 ug/l  
RT: 11.237 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

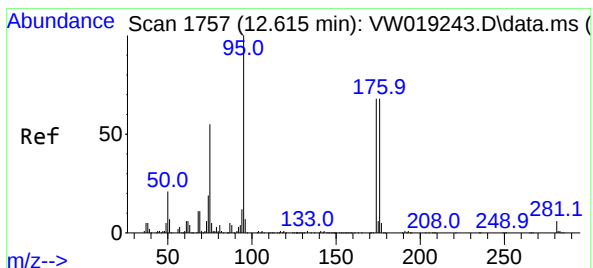
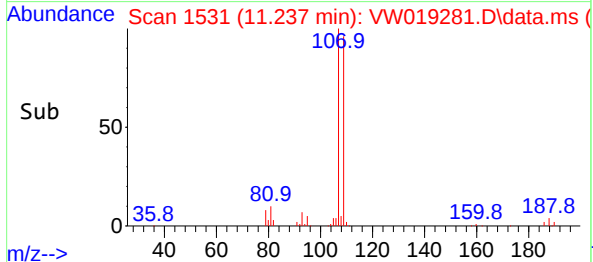
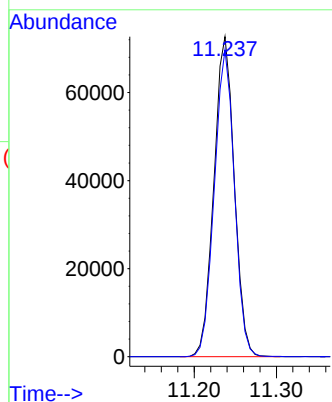
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



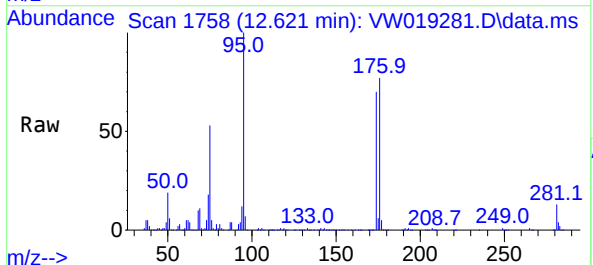
Tgt Ion:107 Resp: 125071  
Ion Ratio Lower Upper  
107 100  
109 94.3 73.9 110.9

Manual Integrations  
APPROVED

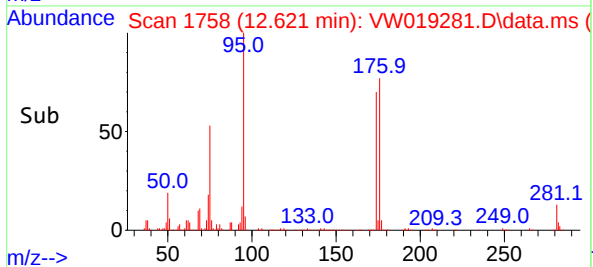
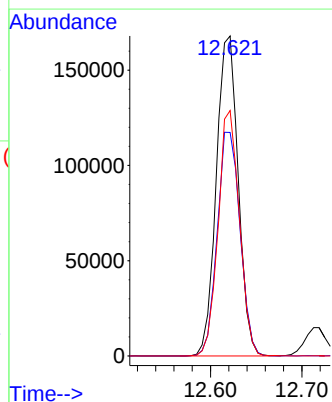
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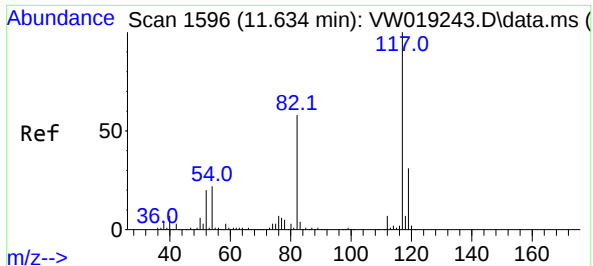


#62  
4-Bromofluorobenzene  
Concen: 47.724 ug/l  
RT: 12.621 min Scan# 1758  
Delta R.T. 0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



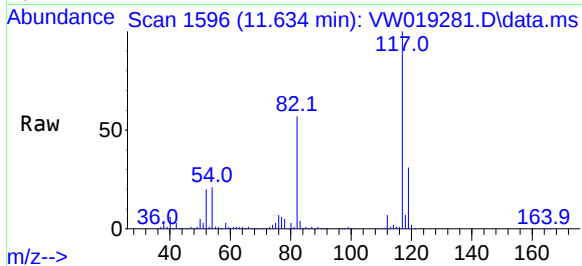
Tgt Ion: 95 Resp: 279702  
Ion Ratio Lower Upper  
95 100  
174 72.9 0.0 156.2  
176 74.5 0.0 160.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.634 min Scan# 1596  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

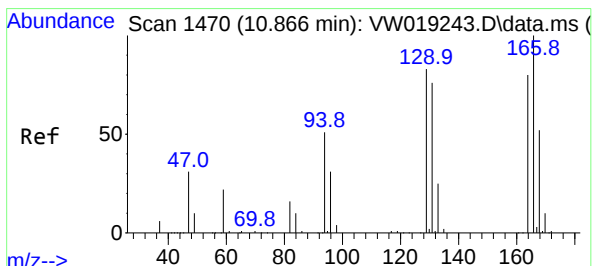
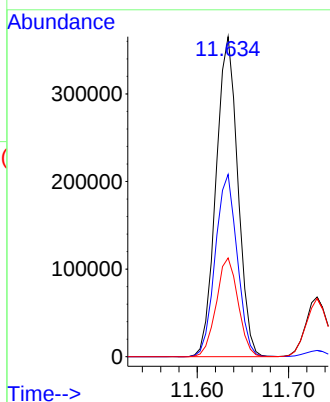
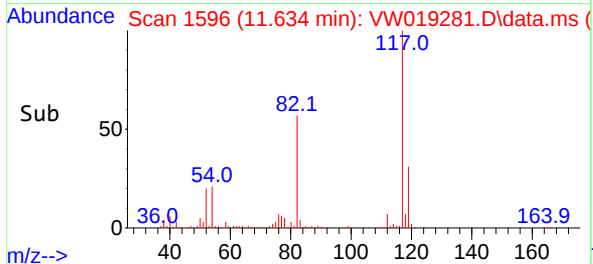
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



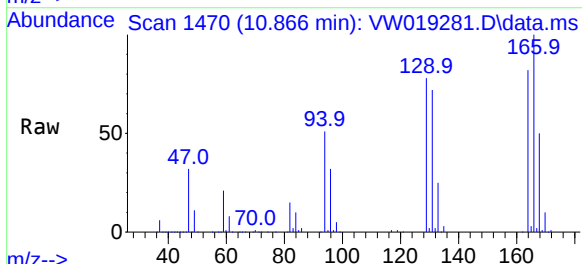
Tgt Ion:117 Resp: 606006  
Ion Ratio Lower Upper  
117 100  
82 56.9 44.4 66.6  
119 30.8 24.6 36.8

Manual Integrations  
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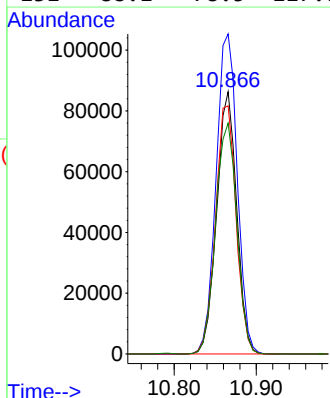
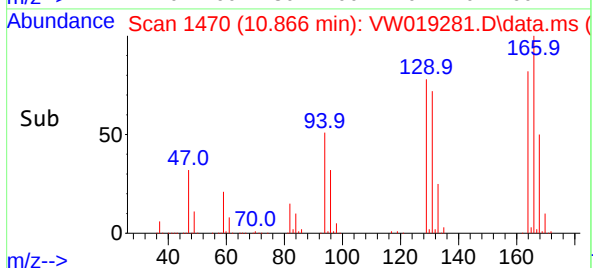
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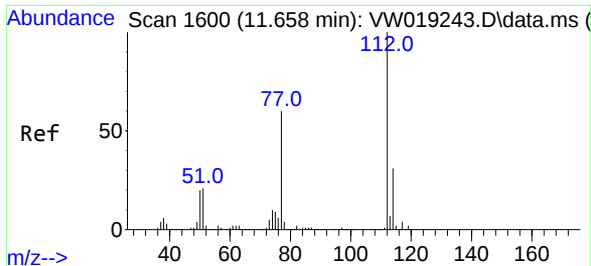


#64  
Tetrachloroethene  
Concen: 37.925 ug/l  
RT: 10.866 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



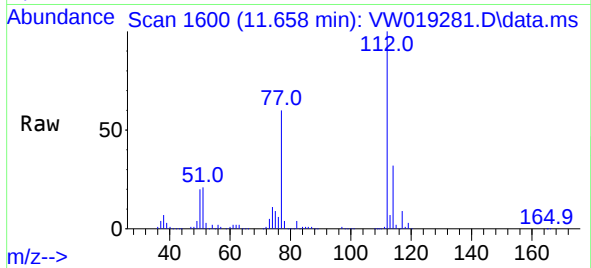
Tgt Ion:164 Resp: 146103  
Ion Ratio Lower Upper  
164 100  
166 122.1 107.8 161.8  
129 94.6 77.3 115.9  
131 88.1 78.5 117.7





#65  
Chlorobenzene  
Concen: 38.405 ug/l  
RT: 11.658 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

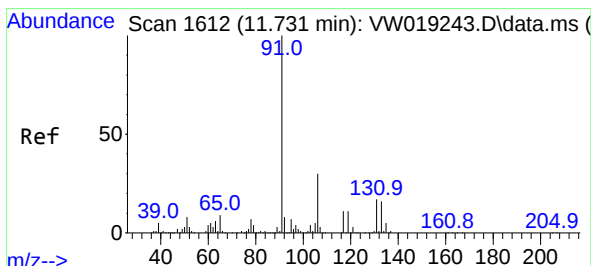
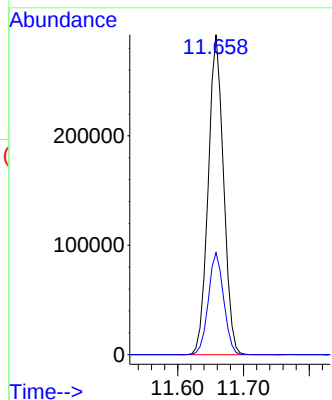
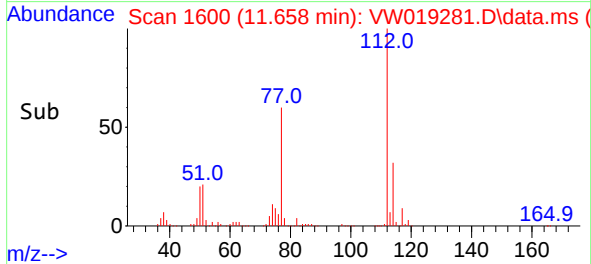
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



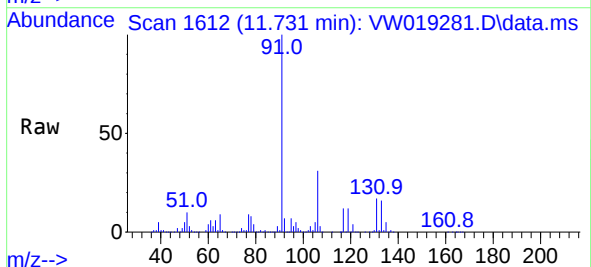
Tgt Ion:112 Resp: 473128  
Ion Ratio Lower Upper  
112 100  
114 31.9 26.4 39.6

Manual Integrations  
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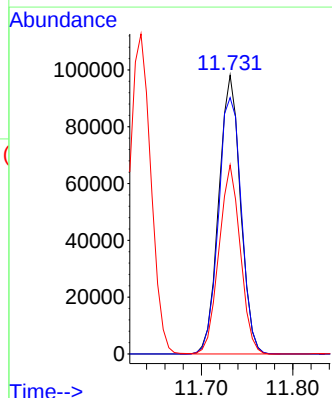
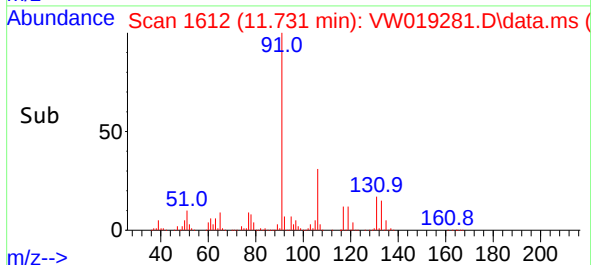
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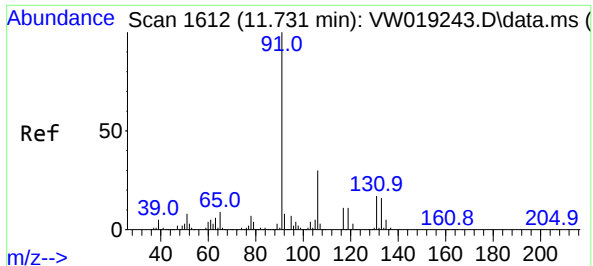


#66  
1,1,1,2-Tetrachloroethane  
Concen: 38.506 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



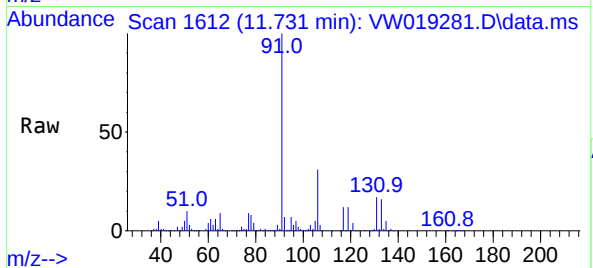
Tgt Ion:131 Resp: 162195  
Ion Ratio Lower Upper  
131 100  
133 97.2 48.1 144.3  
119 66.6 33.1 99.2





#67  
Ethyl Benzene  
Concen: 38.385 ug/l  
RT: 11.731 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

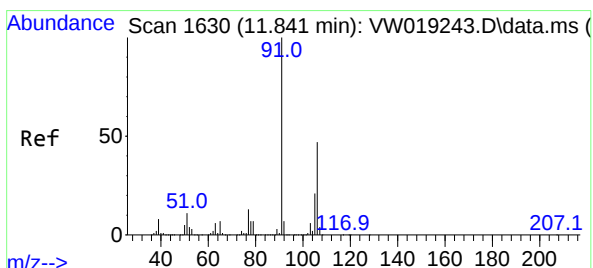
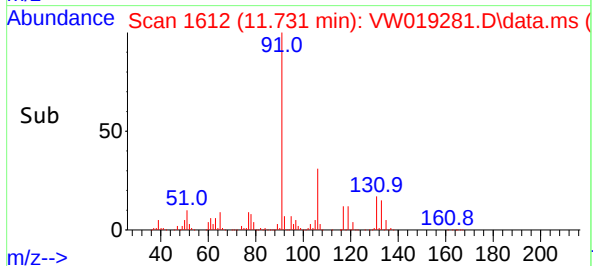
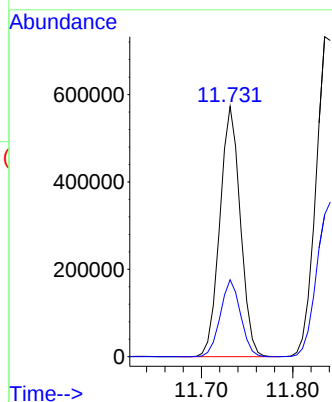
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



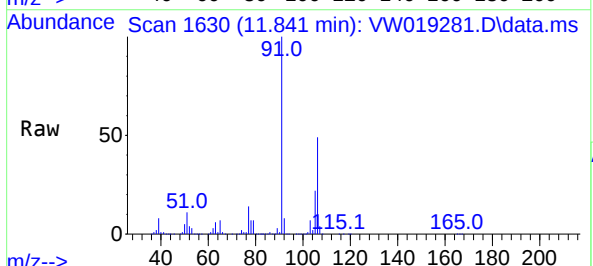
Tgt Ion: 91 Resp: 892747  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.0 36.0

Manual Integrations  
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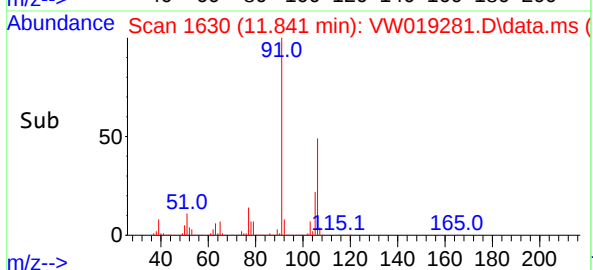
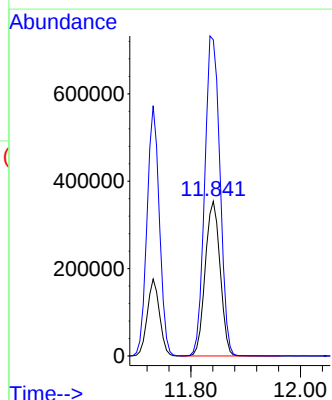
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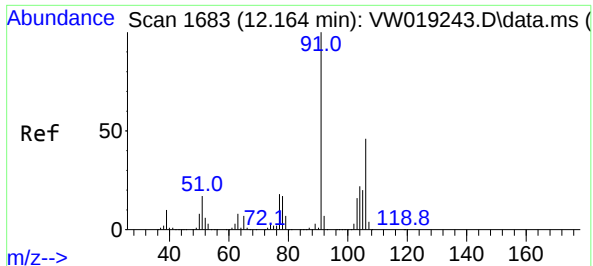


#68  
m/p-Xylenes  
Concen: 76.727 ug/l  
RT: 11.841 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



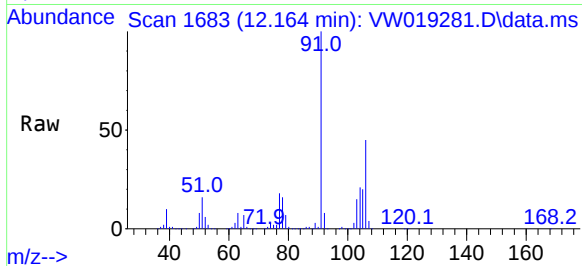
Tgt Ion: 106 Resp: 666197  
Ion Ratio Lower Upper  
106 100  
91 211.1 164.2 246.2





#69  
o-Xylene  
Concen: 39.444 ug/l  
RT: 12.164 min Scan# 1683  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

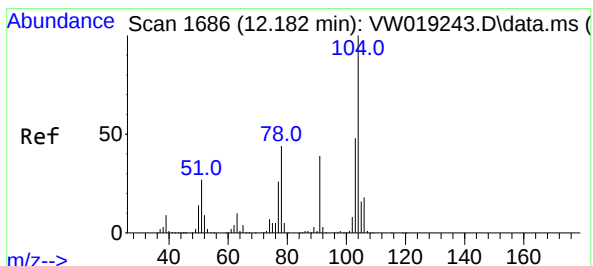
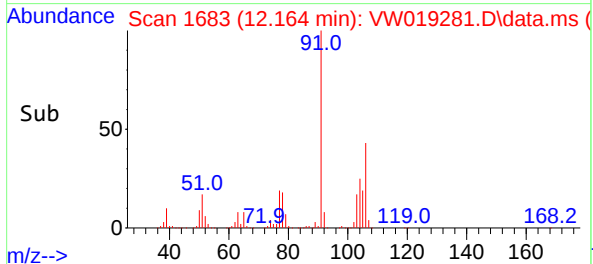
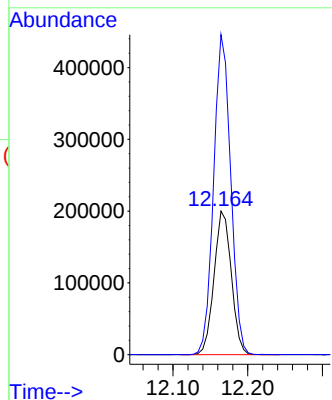
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



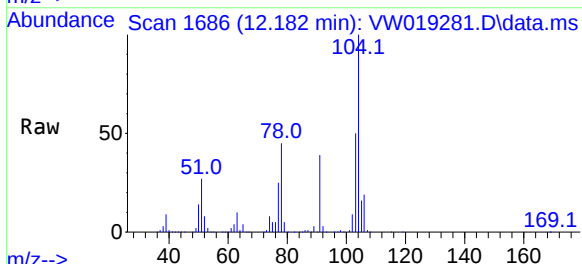
Tgt Ion:106 Resp: 320992  
Ion Ratio Lower Upper  
106 100  
91 220.6 109.1 327.2

Manual Integrations  
APPROVED

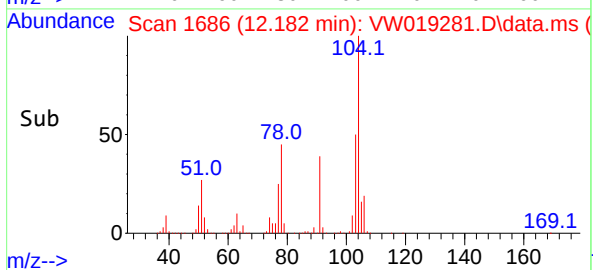
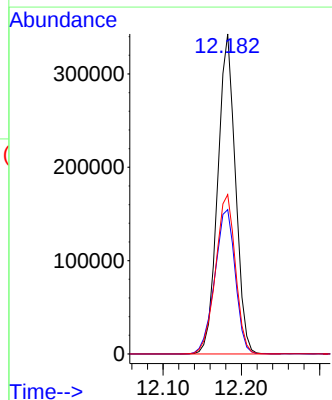
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6/23/2021 5:29:34 PM

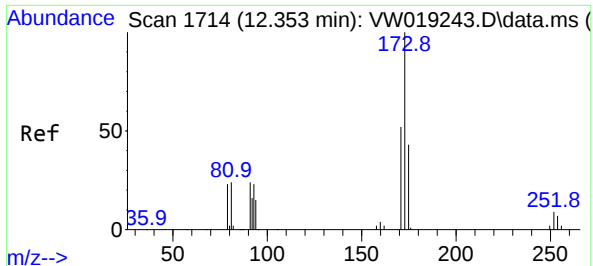


#70  
Styrene  
Concen: 39.343 ug/l  
RT: 12.182 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

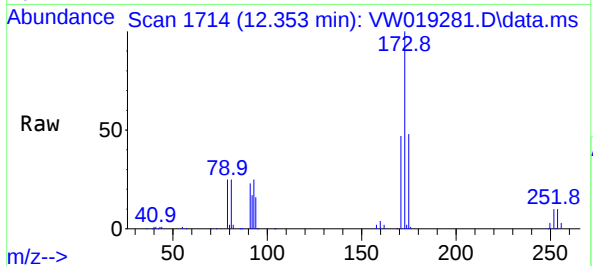


Tgt Ion:104 Resp: 539869  
Ion Ratio Lower Upper  
104 100  
78 52.2 41.3 61.9  
103 55.7 44.1 66.1

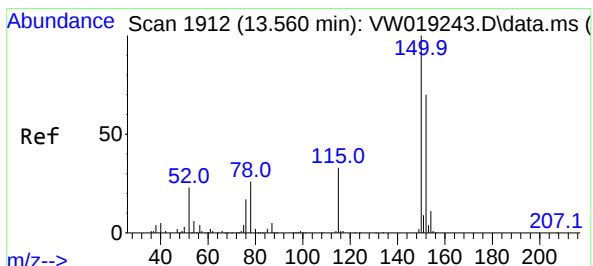
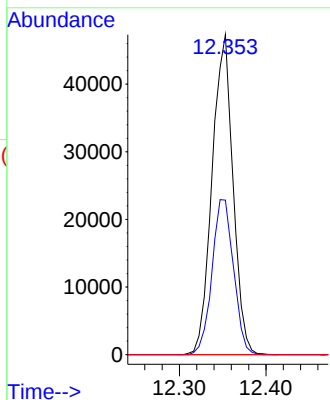
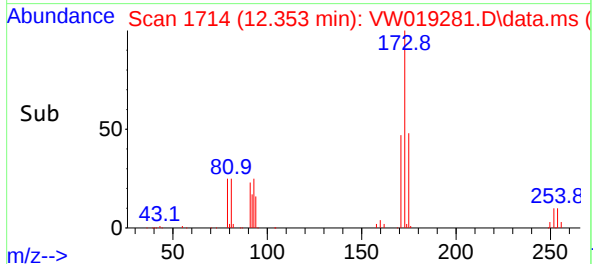




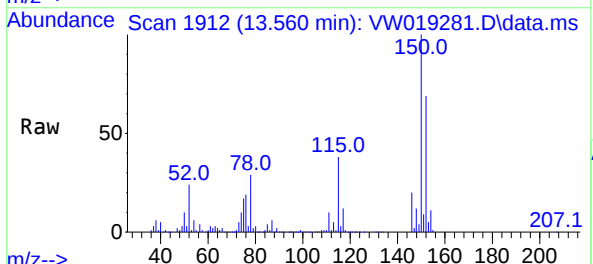
#71  
Bromoform  
Concen: 38.837 ug/l  
RT: 12.353 min Scan# 1714  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



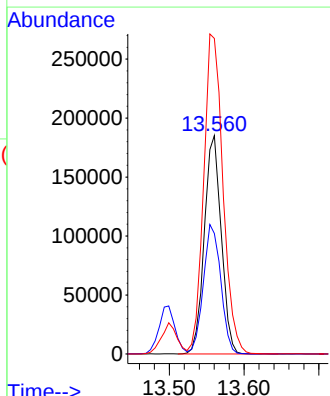
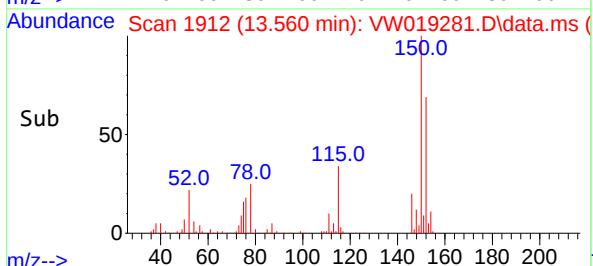
Tgt Ion:173 Resp: 79339  
Ion Ratio Lower Upper  
173 100  
175 49.9 24.6 73.8  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.560 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



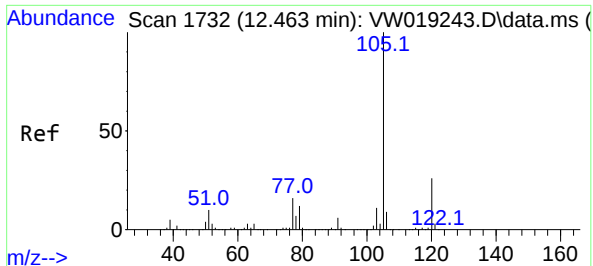
Tgt Ion:152 Resp: 291350  
Ion Ratio Lower Upper  
152 100  
115 60.9 30.3 90.8  
150 166.7 0.0 356.0



Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

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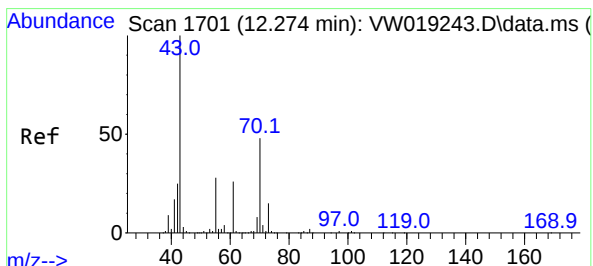
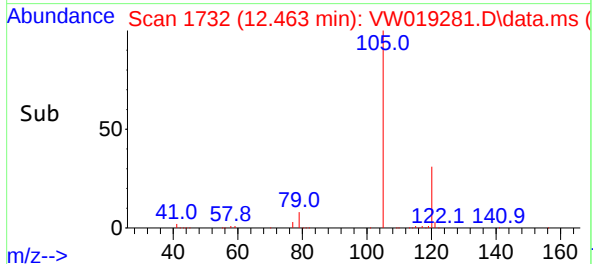
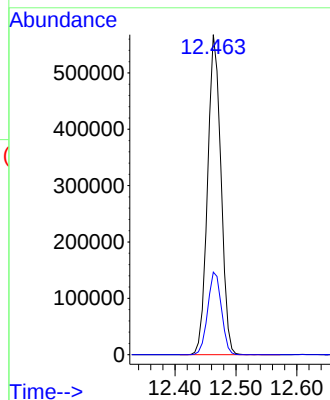
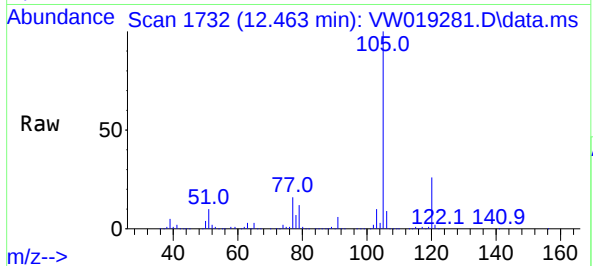
#73  
Isopropylbenzene  
Concen: 39.854 ug/l  
RT: 12.463 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 105 Resp: 863602  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.5

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

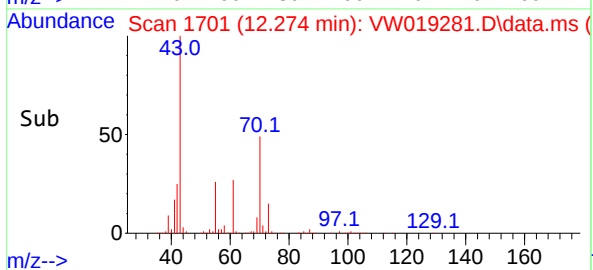
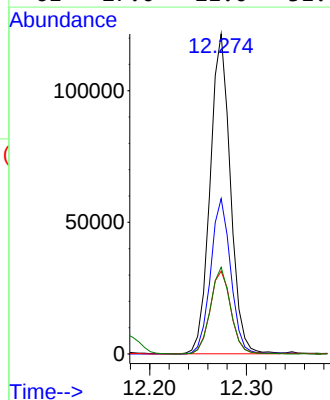
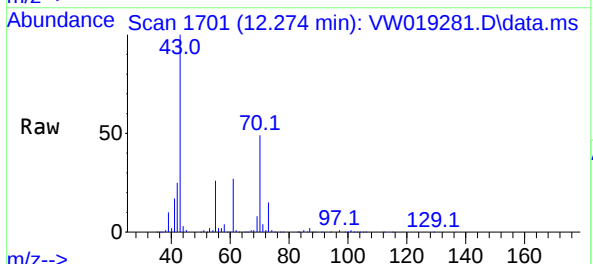
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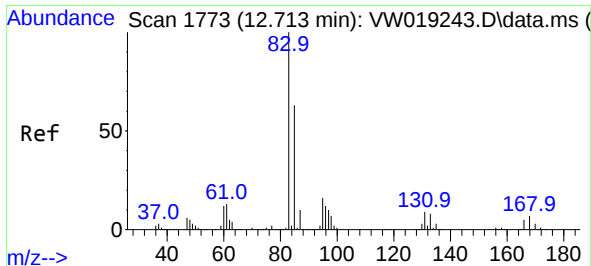
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#74  
N-ethyl acetate  
Concen: 38.567 ug/l  
RT: 12.274 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 43 Resp: 176993  
Ion Ratio Lower Upper  
43 100  
70 48.5 38.4 57.6  
55 26.9 21.6 32.4  
61 27.0 21.0 31.4





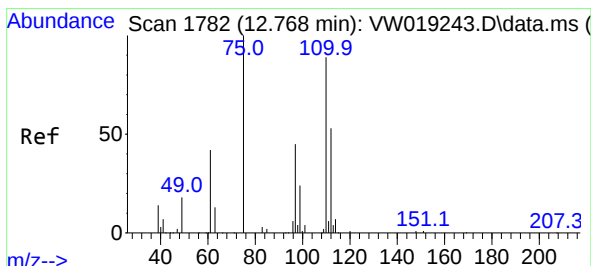
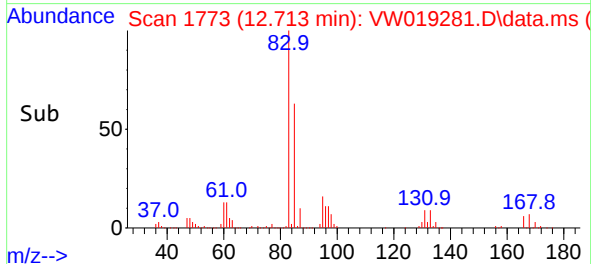
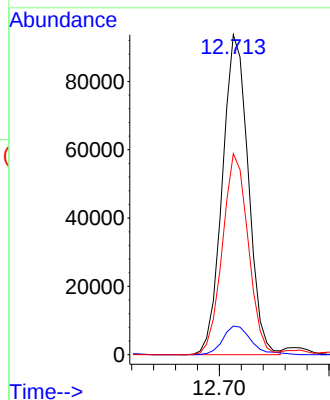
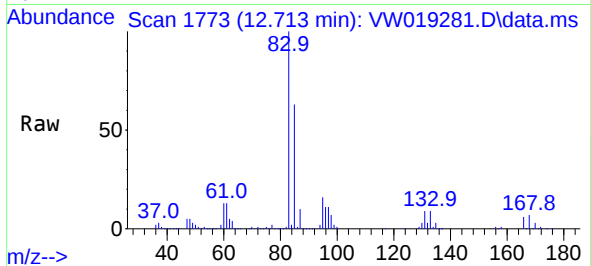
#75  
1,1,2,2-Tetrachloroethane  
Concen: 38.972 ug/l  
RT: 12.713 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 83 Resp: 153614  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.1 15.2  
85 62.7 31.6 94.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

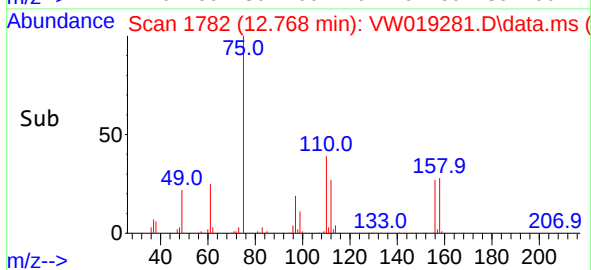
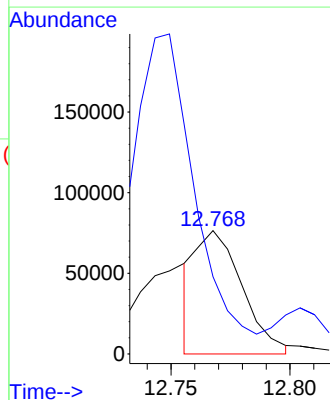
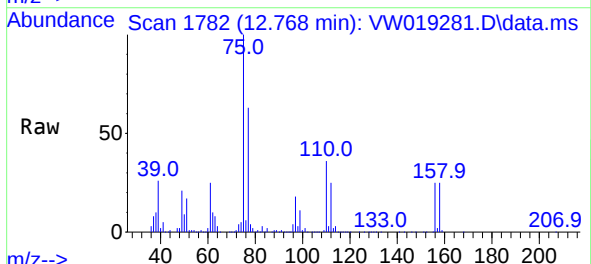
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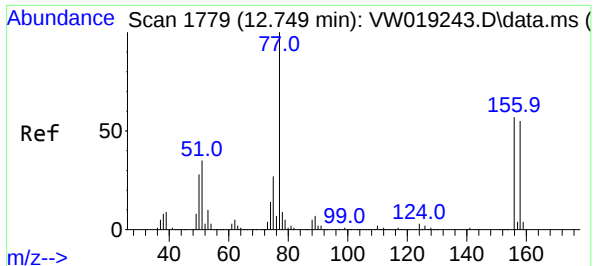
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#76  
1,2,3-Trichloropropane  
Concen: 36.570 ug/l m  
RT: 12.768 min Scan# 1782  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion: 75 Resp: 104380  
Ion Ratio Lower Upper  
75 100  
77 354.6 0.0 0.0#





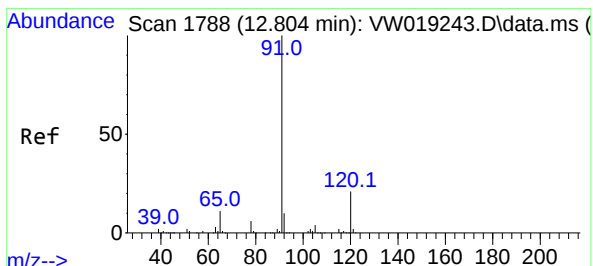
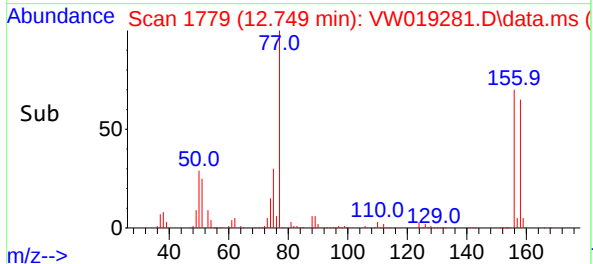
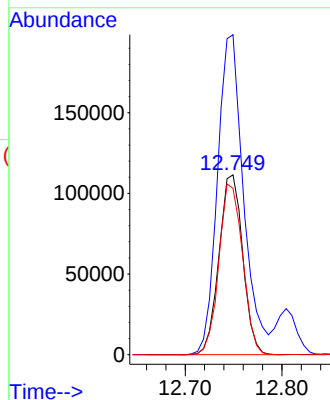
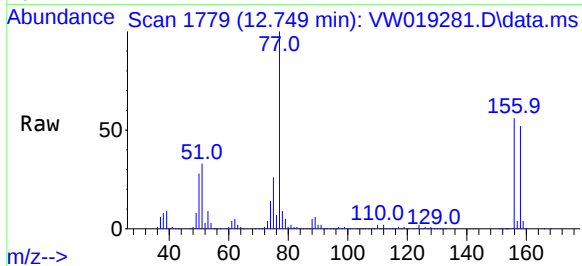
#77  
Bromobenzene  
Concen: 40.680 ug/l  
RT: 12.749 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion:156 Resp: 189753  
Ion Ratio Lower Upper  
156 100  
77 195.0 96.7 290.0  
158 94.9 48.4 145.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

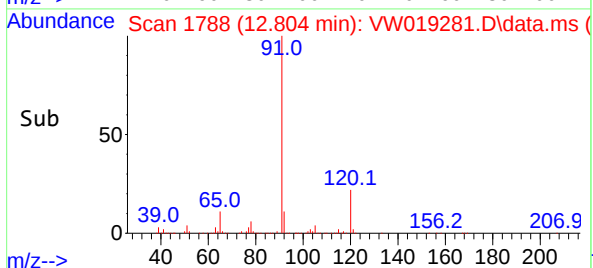
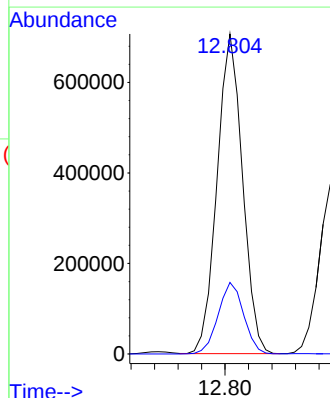
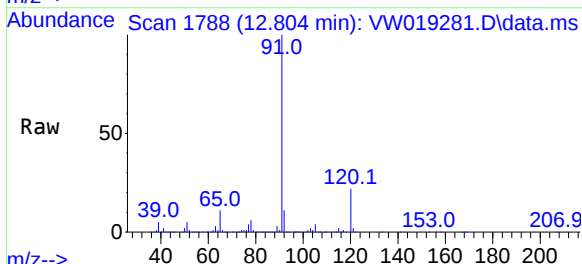
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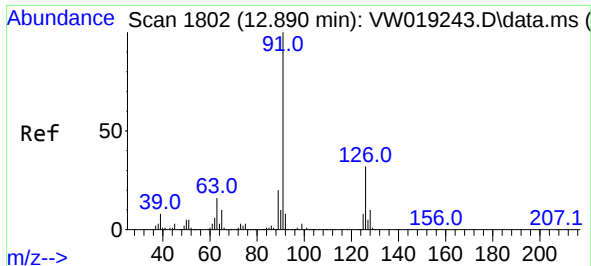
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#78  
n-propylbenzene  
Concen: 38.814 ug/l  
RT: 12.804 min Scan# 1788  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

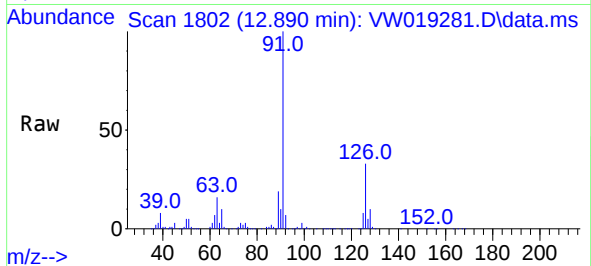
Tgt Ion: 91 Resp: 1060409  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.1 33.3





#79  
2-Chlorotoluene  
Concen: 39.089 ug/l  
RT: 12.890 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

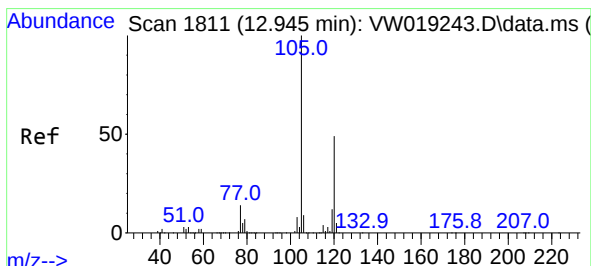
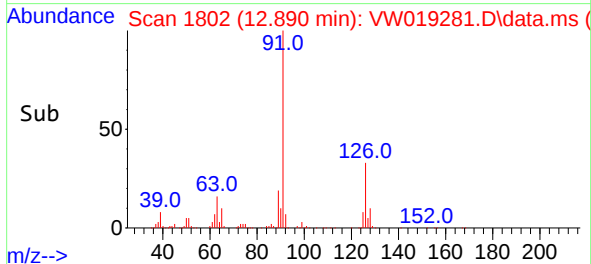
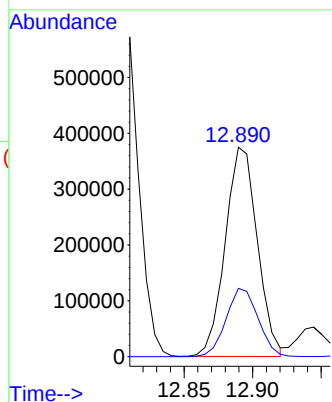
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



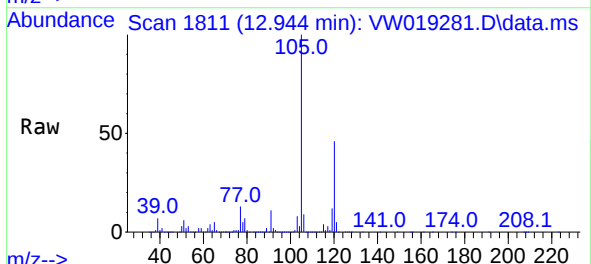
Tgt Ion: 91 Resp: 610466  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.5 49.5

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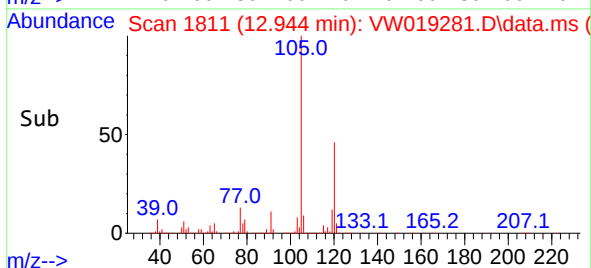
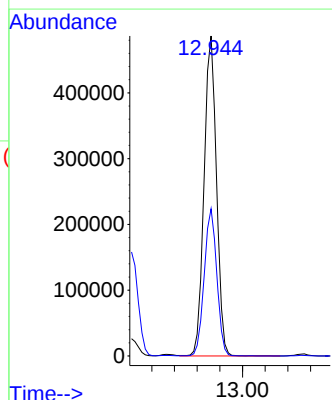
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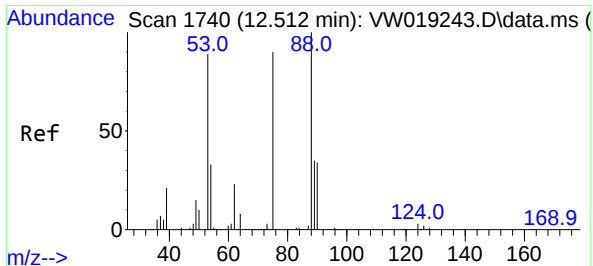


#80  
1,3,5-Trimethylbenzene  
Concen: 40.271 ug/l  
RT: 12.944 min Scan# 1811  
Delta R.T. -0.001 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



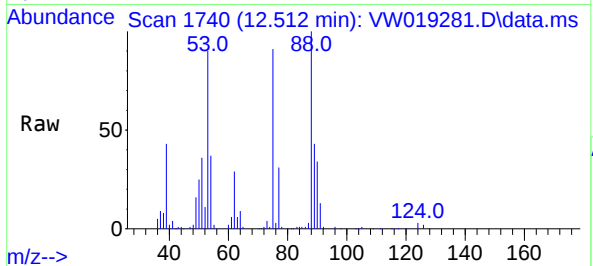
Tgt Ion: 105 Resp: 739874  
Ion Ratio Lower Upper  
105 100  
120 46.6 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 36.167 ug/l  
RT: 12.512 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

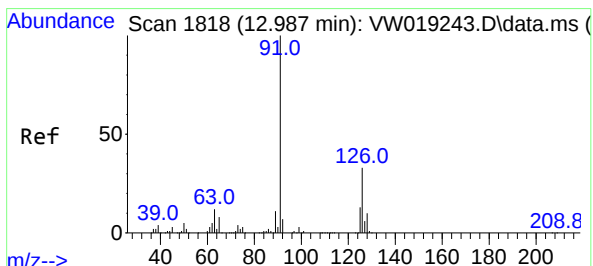
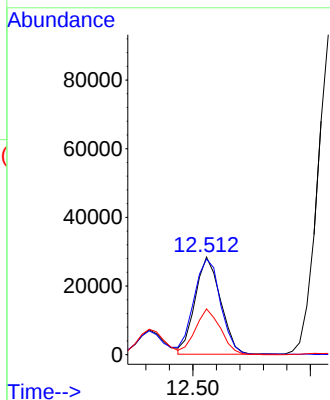
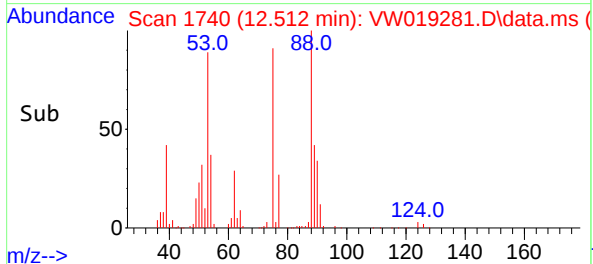
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MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



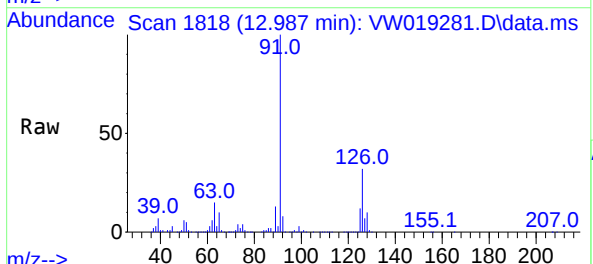
Tgt Ion: 75 Resp: 42553  
Ion Ratio Lower Upper  
75 100  
53 103.1 81.5 122.3  
89 46.9 36.3 54.5

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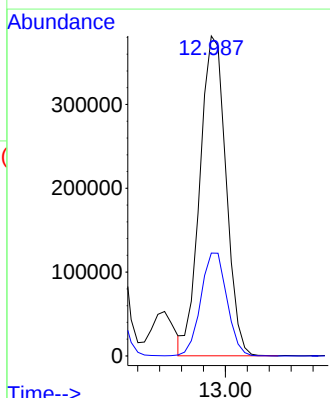
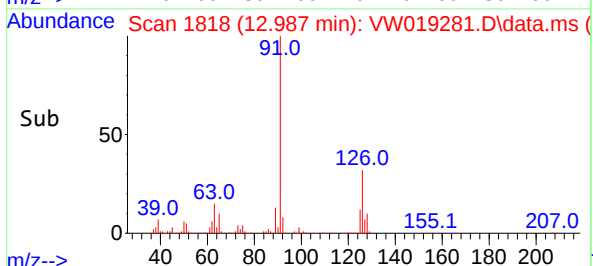
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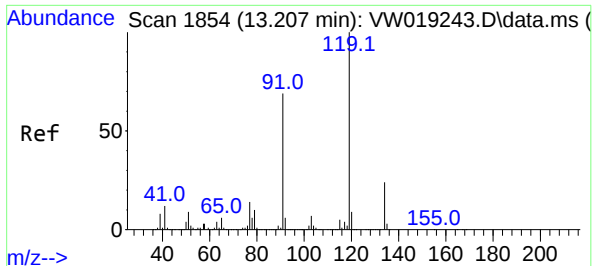


#82  
4-Chlorotoluene  
Concen: 38.623 ug/l  
RT: 12.987 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

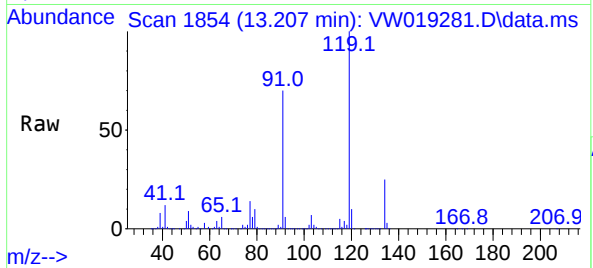


Tgt Ion: 91 Resp: 630440  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.1 48.2

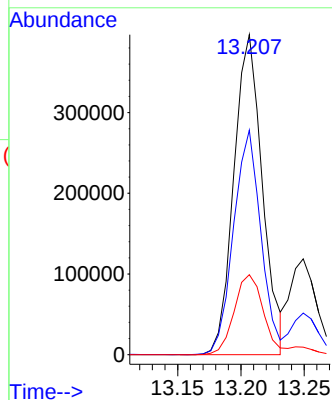




#83  
tert-Butylbenzene  
Concen: 40.195 ug/l  
RT: 13.207 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



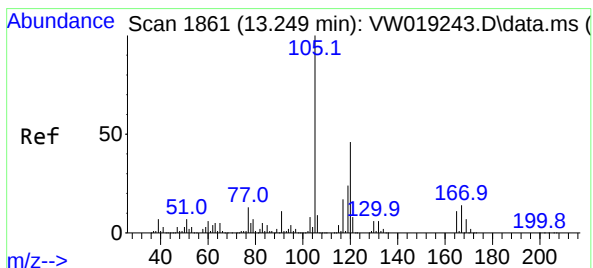
Tgt Ion:119 Resp: 623472  
Ion Ratio Lower Upper  
119 100  
91 67.3 34.0 102.0  
134 25.7 13.0 38.9



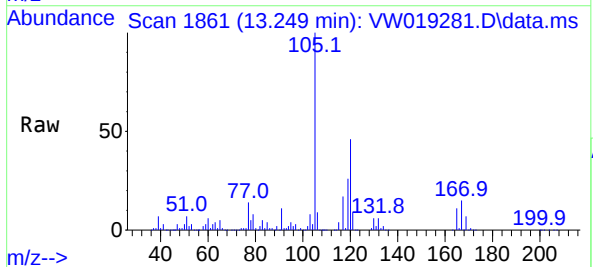
Instrument :  
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ClientSampleId :  
VSTDCCC050EC

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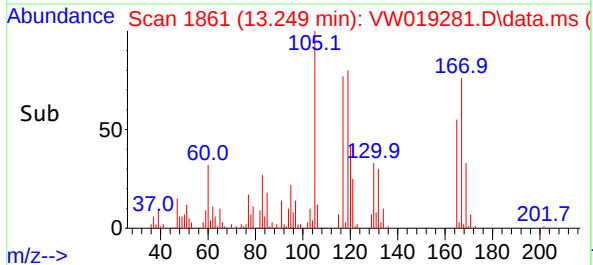
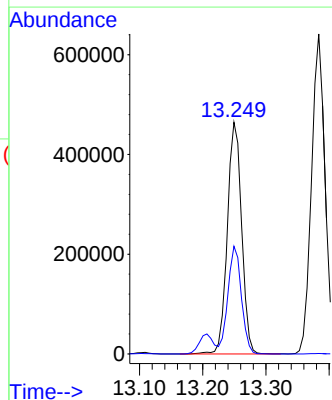
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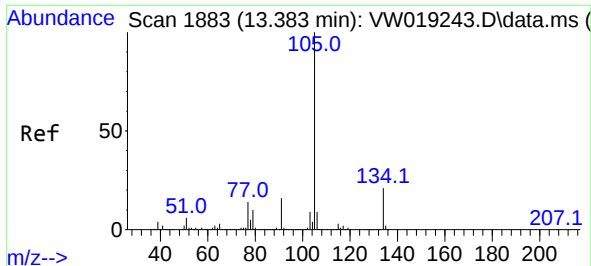


#84  
1,2,4-Trimethylbenzene  
Concen: 39.900 ug/l  
RT: 13.249 min Scan# 1861  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



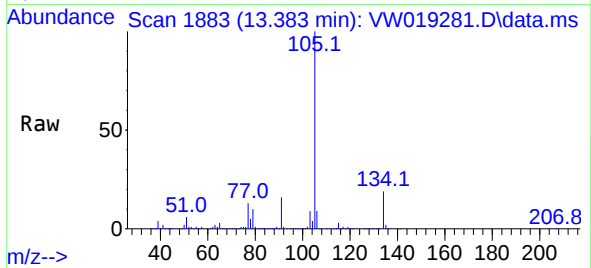
Tgt Ion:105 Resp: 727778  
Ion Ratio Lower Upper  
105 100  
120 43.7 22.4 67.0





#85  
 sec-Butylbenzene  
 Concen: 39.393 ug/l  
 RT: 13.383 min Scan# 1883  
 Delta R.T. 0.000 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33

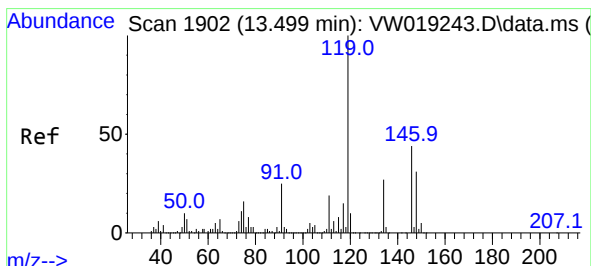
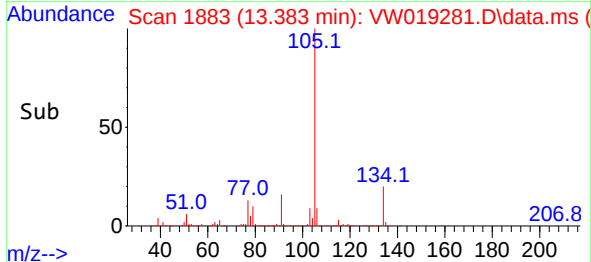
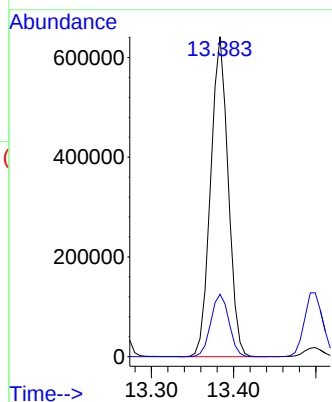
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 ClientSampleId :  
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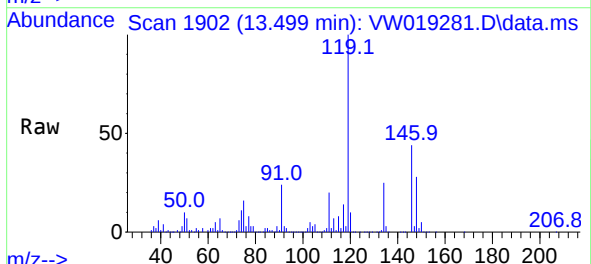
Tgt Ion:105 Resp: 950435  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 10.1 30.1

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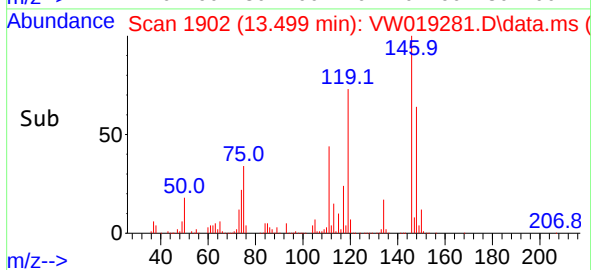
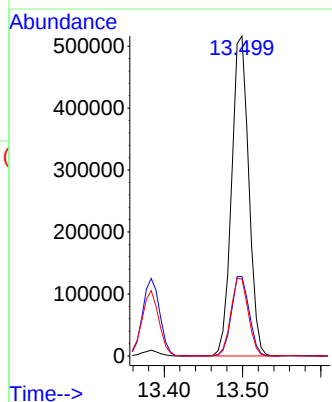
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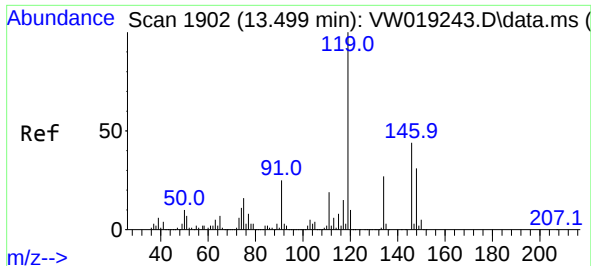


#86  
 p-Isopropyltoluene  
 Concen: 39.805 ug/l  
 RT: 13.499 min Scan# 1902  
 Delta R.T. 0.000 min  
 Lab File: VW019281.D  
 Acq: 22 Jun 2021 20:33



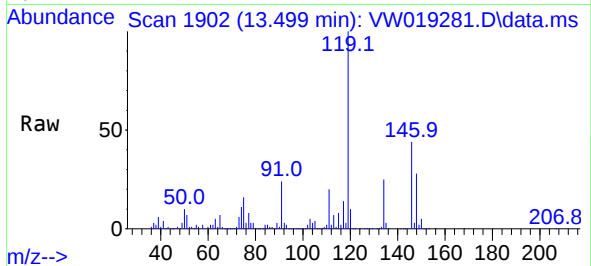
Tgt Ion:119 Resp: 781451  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 12.8 38.3  
 91 24.7 12.1 36.3





#87  
1,3-Dichlorobenzene  
Concen: 38.433 ug/l  
RT: 13.499 min Scan# 1902  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

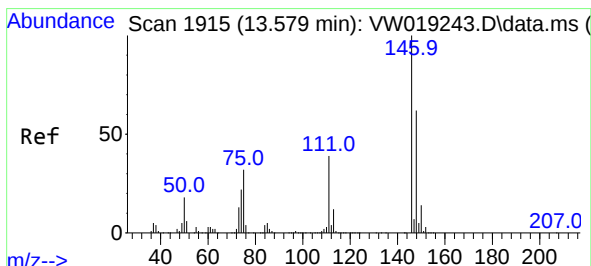
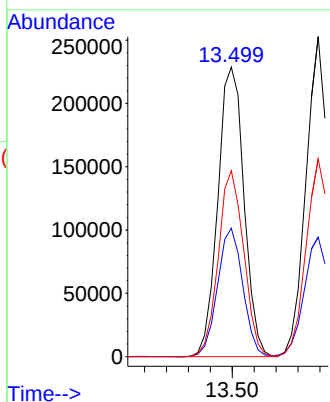
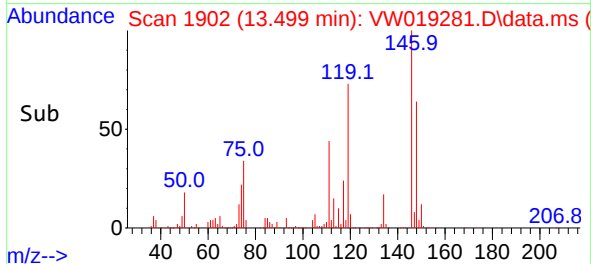
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ClientSampleId :  
VSTDCCC050EC



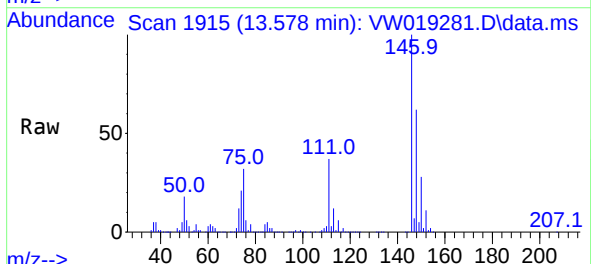
Tgt Ion:146 Resp: 379310  
Ion Ratio Lower Upper  
146 100  
111 42.8 20.7 62.1  
148 62.3 31.8 95.3

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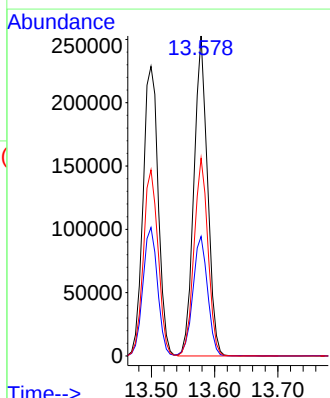
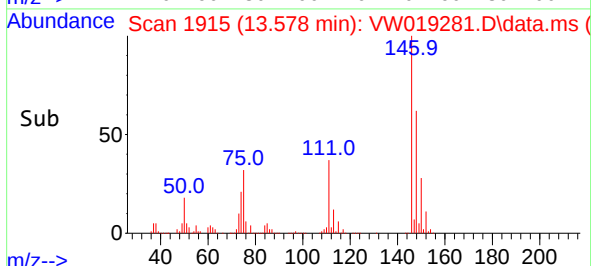
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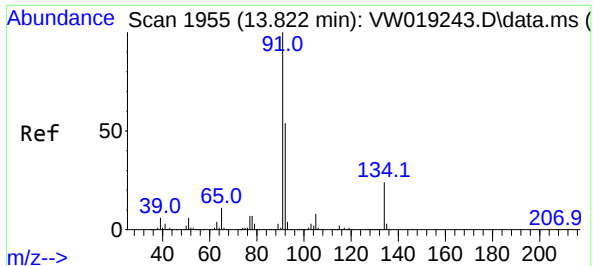


#88  
1,4-Dichlorobenzene  
Concen: 38.842 ug/l  
RT: 13.578 min Scan# 1915  
Delta R.T. -0.001 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



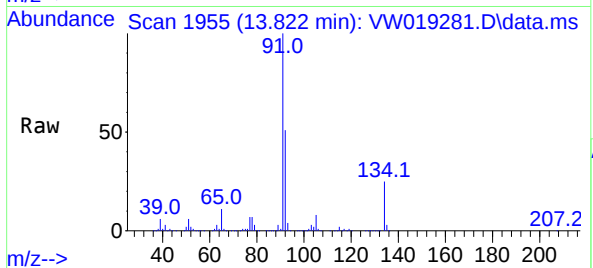
Tgt Ion:146 Resp: 378868  
Ion Ratio Lower Upper  
146 100  
111 40.1 20.1 60.3  
148 63.4 32.4 97.2





#89  
n-Butylbenzene  
Concen: 38.471 ug/l  
RT: 13.822 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

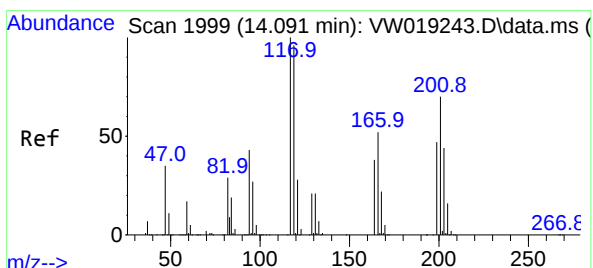
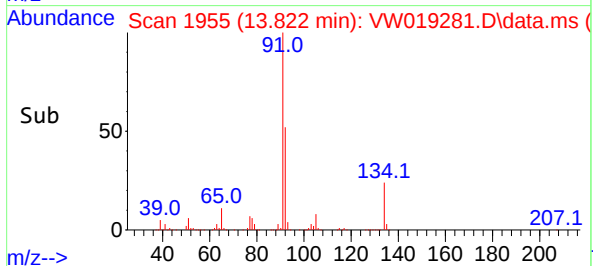
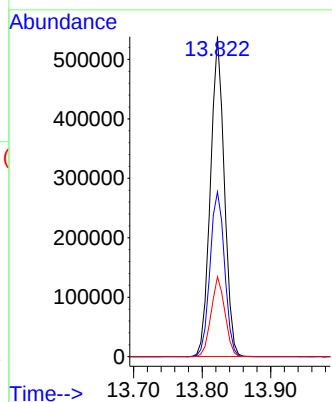
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC



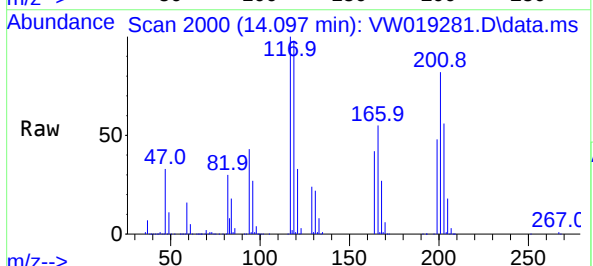
Tgt Ion: 91 Resp: 759675  
Ion Ratio Lower Upper  
91 100  
92 54.1 26.6 79.8  
134 24.9 12.7 38.0

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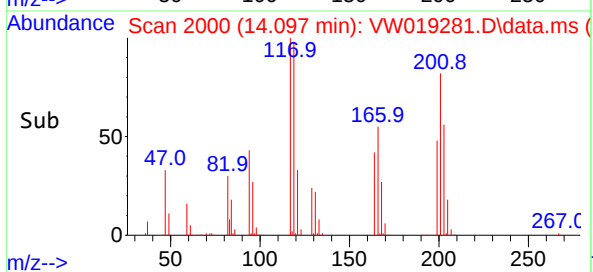
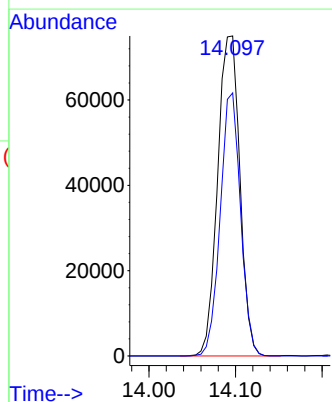
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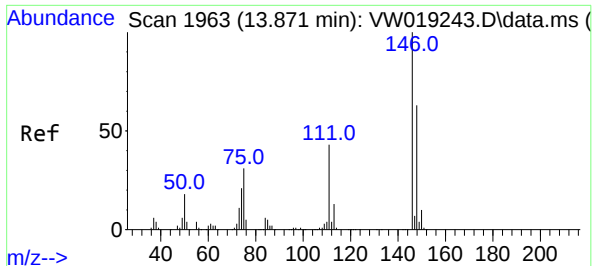


#90  
Hexachloroethane  
Concen: 37.579 ug/l  
RT: 14.097 min Scan# 2000  
Delta R.T. 0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

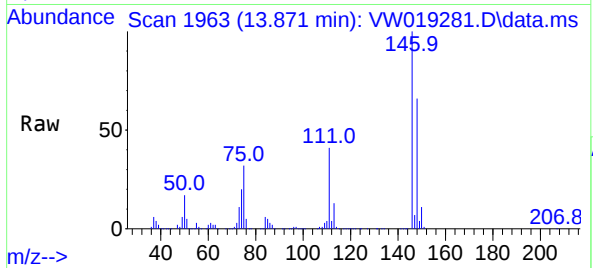


Tgt Ion: 117 Resp: 133724  
Ion Ratio Lower Upper  
117 100  
201 75.2 38.4 115.2

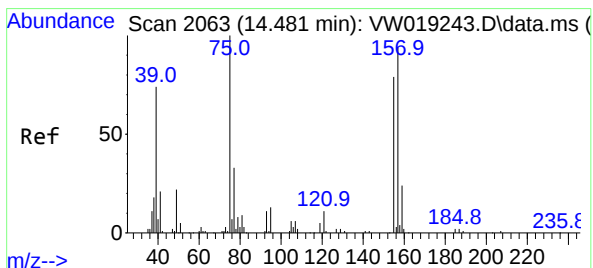
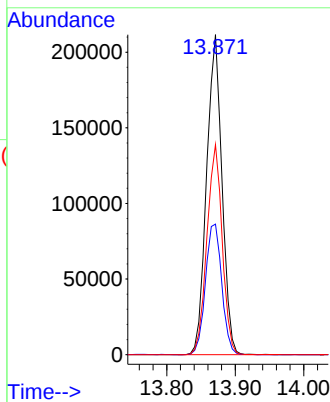
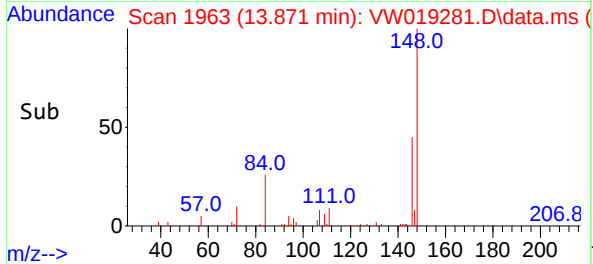




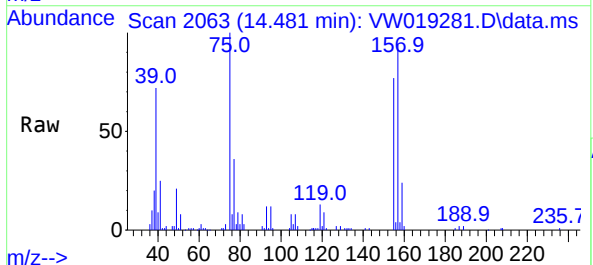
#91  
1,2-Dichlorobenzene  
Concen: 38.378 ug/l  
RT: 13.871 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



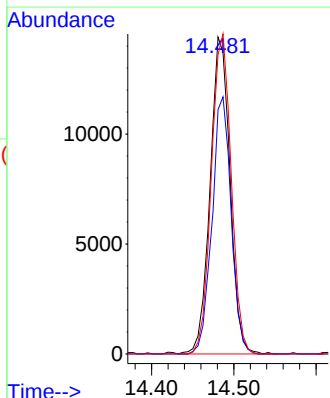
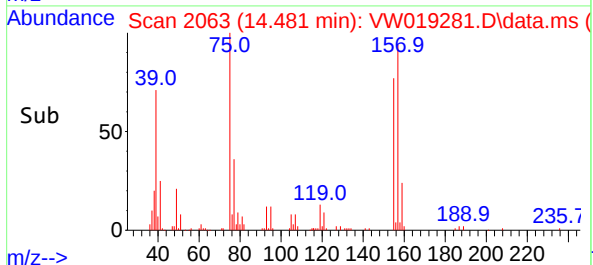
Tgt Ion:146 Resp: 330350  
Ion Ratio Lower Upper  
146 100  
111 43.3 21.1 63.1  
148 65.2 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 38.495 ug/l  
RT: 14.481 min Scan# 2063  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33



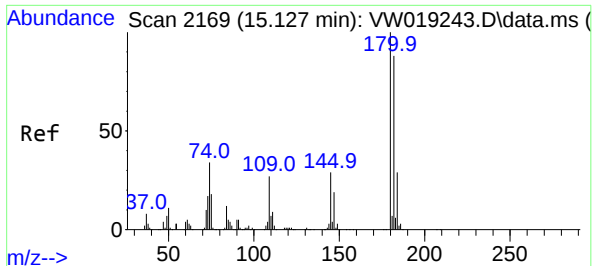
Tgt Ion: 75 Resp: 24216  
Ion Ratio Lower Upper  
75 100  
155 77.9 41.3 124.1  
157 100.6 51.2 153.6



Instrument :  
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ClientSampleId :  
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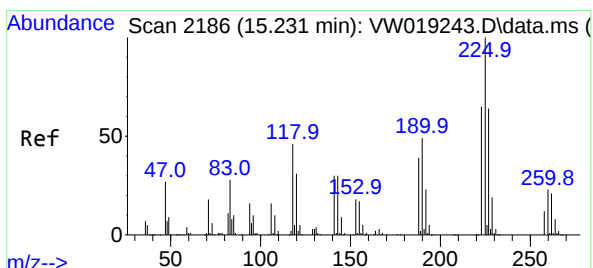
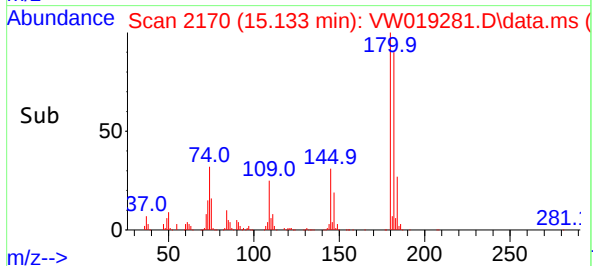
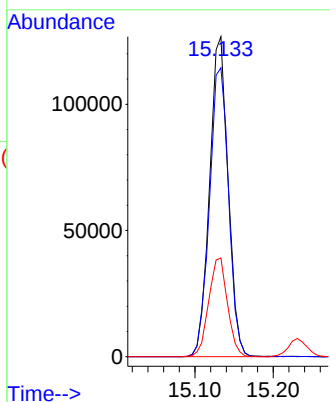
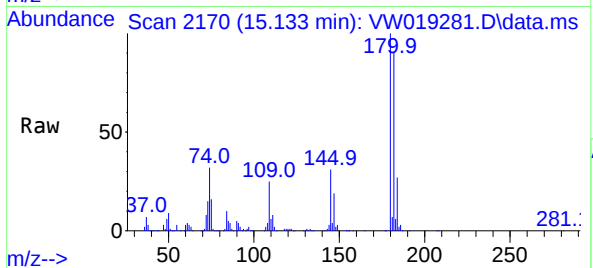
#93  
1,2,4-Trichlorobenzene  
Concen: 37.751 ug/l  
RT: 15.133 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:180 Resp: 207385  
Ion Ratio Lower Upper  
180 100  
182 93.8 48.9 146.7  
145 31.4 15.4 46.1

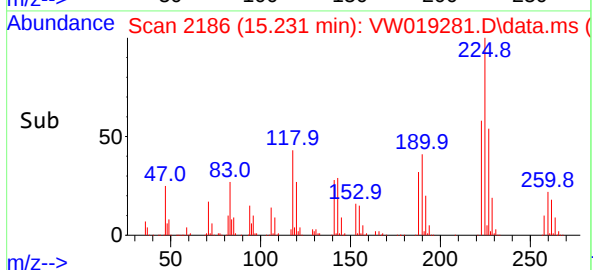
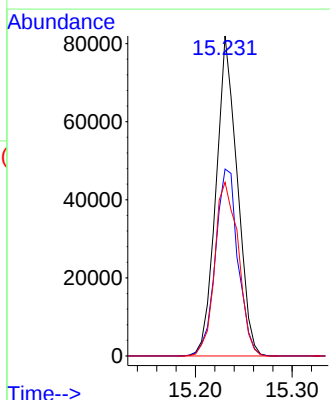
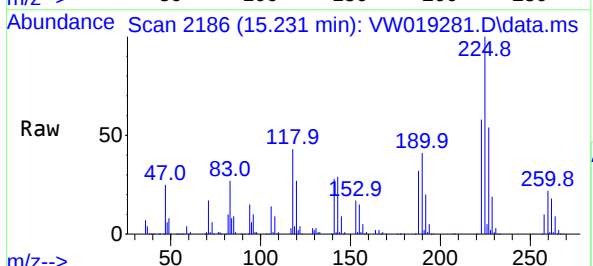
Manual Integrations  
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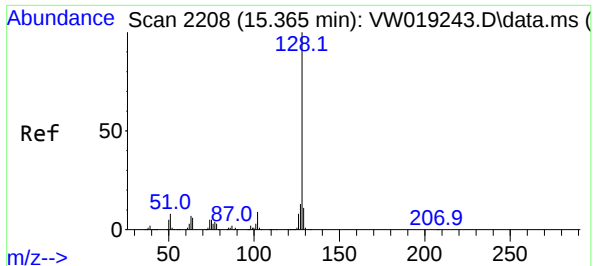
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#94  
Hexachlorobutadiene  
Concen: 38.529 ug/l  
RT: 15.231 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion:225 Resp: 124813  
Ion Ratio Lower Upper  
225 100  
223 62.3 29.6 88.8  
227 60.5 30.4 91.3





#95  
Naphthalene  
Concen: 48.601 ug/l  
RT: 15.365 min Scan# 2208  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

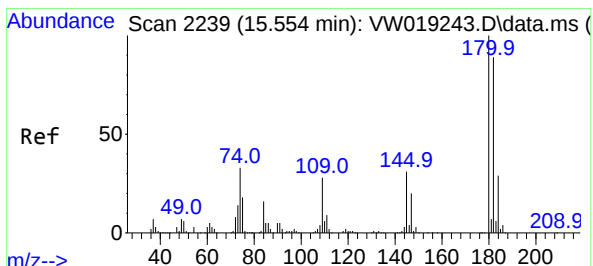
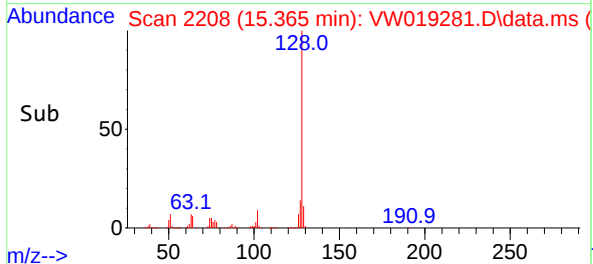
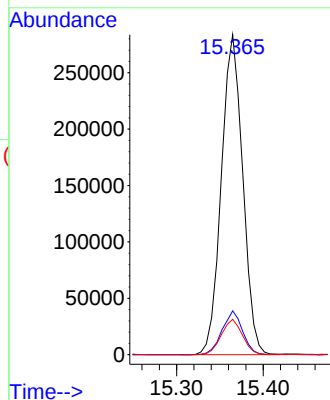
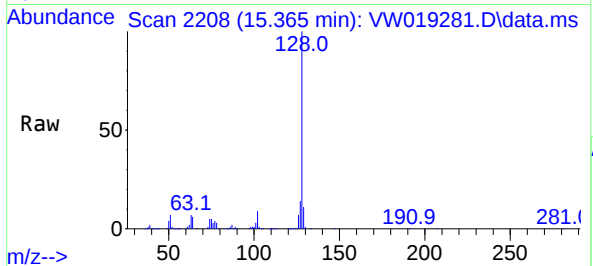
Tgt Ion:128 Resp: 486978  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.1  | 10.4  | 15.6  |
| 129 | 10.9  | 8.5   | 12.7  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 39.084 ug/l  
RT: 15.554 min Scan# 2239  
Delta R.T. -0.000 min  
Lab File: VW019281.D  
Acq: 22 Jun 2021 20:33

Tgt Ion:180 Resp: 185590  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 90.7  | 47.4  | 142.3 |
| 145 | 32.0  | 16.1  | 48.2  |

