

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020521\  
 Data File : VX020863.D  
 Acq On : 05 Feb 2021 11:08  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/8/2021 11:33:45 AM

Quant Time: Feb 06 01:01:47 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:38:15 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 5.623  | 168  | 316007   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.824  | 114  | 476843   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.092 | 117  | 458816   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.061 | 152  | 235446   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |        |
|---------------------------|--------|-------|----------|----------|------|--------|
| 33) 1,2-Dichloroethane-d4 | 6.025  | 65    | 181461   | 42.10    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 84.20% |
| 35) Dibromofluoromethane  | 5.458  | 113   | 155720   | 47.68    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 95.36% |
| 50) Toluene-d8            | 8.690  | 98    | 574246   | 47.96    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 95.92% |
| 62) 4-Bromofluorobenzene  | 11.116 | 95    | 225963   | 48.59    | ug/l | 0.00   |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 97.18% |

## Target Compounds

|                              |       |     |         |        |      | Qvalue |
|------------------------------|-------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane   | 1.185 | 85  | 222138  | 44.59  | ug/l | 97     |
| 3) Chloromethane             | 1.313 | 50  | 191798  | 43.15  | ug/l | 100    |
| 4) Vinyl Chloride            | 1.392 | 62  | 195056  | 44.01  | ug/l | 100    |
| 5) Bromomethane              | 1.624 | 94  | 94754   | 44.50  | ug/l | 100    |
| 6) Chloroethane              | 1.703 | 64  | 115847  | 46.18  | ug/l | 97     |
| 7) Trichlorofluoromethane    | 1.910 | 101 | 289350  | 48.13  | ug/l | 98     |
| 8) Diethyl Ether             | 2.166 | 74  | 101069  | 46.84  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluo... | 2.361 | 101 | 147492  | 48.06  | ug/l | 98     |
| 10) Methyl Iodide            | 2.489 | 142 | 184994  | 42.98  | ug/l | 92     |
| 11) Tert butyl alcohol       | 3.014 | 59  | 172812  | 214.77 | ug/l | 99     |
| 12) 1,1-Dichloroethene       | 2.355 | 96  | 140735  | 46.37  | ug/l | 98     |
| 13) Acrolein                 | 2.270 | 56  | 158544  | 261.25 | ug/l | 98     |
| 14) Allyl chloride           | 2.703 | 41  | 241829  | 42.79  | ug/l | 96     |
| 15) Acrylonitrile            | 3.111 | 53  | 450592  | 221.24 | ug/l | 100    |
| 16) Acetone                  | 2.416 | 43  | 391826  | 239.76 | ug/l | 99     |
| 17) Carbon Disulfide         | 2.544 | 76  | 407980  | 41.86  | ug/l | 99     |
| 18) Methyl Acetate           | 2.745 | 43  | 192991  | 46.22  | ug/l | 100    |
| 19) Methyl tert-butyl Ether  | 3.166 | 73  | 537777  | 47.37  | ug/l | 98     |
| 20) Methylene Chloride       | 2.831 | 84  | 181591  | 44.03  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene | 3.136 | 96  | 169085  | 44.60  | ug/l | 99     |
| 22) Diisopropyl ether        | 3.825 | 45  | 497855  | 44.82  | ug/l | 92     |
| 23) Vinyl Acetate            | 3.782 | 43  | 2070405 | 226.54 | ug/l | 100    |
| 24) 1,1-Dichloroethane       | 3.666 | 63  | 301603  | 44.92  | ug/l | 98     |
| 25) 2-Butanone               | 4.629 | 43  | 587345  | 229.46 | ug/l | 98     |
| 26) 2,2-Dichloropropane      | 4.544 | 77  | 261172  | 48.47  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene   | 4.556 | 96  | 191040  | 45.95  | ug/l | 99     |
| 28) Bromochloromethane       | 4.977 | 49  | 115970  | 40.29  | ug/l | 96     |
| 29) Tetrahydrofuran          | 5.080 | 42  | 361564  | 219.32 | ug/l | 100    |
| 30) Chloroform               | 5.172 | 83  | 322709  | 46.75  | ug/l | 100    |
| 31) Cyclohexane              | 5.544 | 56  | 251831  | 43.45  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane    | 5.452 | 97  | 289654  | 47.67  | ug/l | 99     |
| 36) 1,1-Dichloropropene      | 5.763 | 75  | 233969  | 48.89  | ug/l | 98     |
| 37) Ethyl Acetate            | 4.788 | 43  | 212836  | 46.91  | ug/l | 100    |
| 38) Carbon Tetrachloride     | 5.745 | 117 | 262914  | 52.25  | ug/l | 99     |
| 39) Methylcyclohexane        | 7.434 | 83  | 266665  | 48.89  | ug/l | 98     |
| 40) Benzene                  | 6.105 | 78  | 693913  | 49.23  | ug/l | 99     |
| 41) Methacrylonitrile        | 4.995 | 41  | 119838  | 47.19  | ug/l | 99     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020521\  
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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 2/8/2021 11:33:45 AM

Quant Time: Feb 06 01:01:47 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012521W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 25 13:38:15 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 42) 1,2-Dichloroethane        | 6.153  | 62   | 245070   | 48.75   | ug/l  | 100      |
| 43) Isopropyl Acetate         | 6.409  | 43   | 337080   | 46.60   | ug/l  | 99       |
| 44) Trichloroethene           | 7.184  | 130  | 188247   | 50.19   | ug/l  | 97       |
| 45) 1,2-Dichloropropane       | 7.482  | 63   | 178378   | 48.56   | ug/l  | 98       |
| 46) Dibromomethane            | 7.635  | 93   | 123614   | 50.13   | ug/l  | 99       |
| 47) Bromodichloromethane      | 7.873  | 83   | 263188   | 50.52   | ug/l  | 100      |
| 48) Methyl methacrylate       | 7.745  | 41   | 178025   | 48.71   | ug/l  | 97       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 85727    | 1000.12 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone      | 8.616  | 43   | 1123183  | 246.05  | ug/l  | 99       |
| 52) Toluene                   | 8.763  | 92   | 451142   | 50.91   | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 9.019  | 75   | 276898   | 50.51   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene   | 8.409  | 75   | 302003   | 51.09   | ug/l  | 95       |
| 55) 1,1,2-Trichloroethane     | 9.189  | 97   | 189104   | 51.39   | ug/l  | 99       |
| 56) Ethyl methacrylate        | 9.153  | 69   | 262904   | 44.94   | ug/l  | 98       |
| 57) 1,3-Dichloropropane       | 9.348  | 76   | 309588   | 50.15   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.287  | 63   | 645248   | 253.42  | ug/l  | 98       |
| 59) 2-Hexanone                | 9.470  | 43   | 869244   | 255.79  | ug/l  | 100      |
| 60) Dibromochloromethane      | 9.561  | 129  | 214246   | 52.66   | ug/l  | 99       |
| 61) 1,2-Dibromoethane         | 9.653  | 107  | 195511   | 51.34   | ug/l  | 99       |
| 64) Tetrachloroethene         | 9.317  | 164  | 190014   | 54.02   | ug/l  | 96       |
| 65) Chlorobenzene             | 10.116 | 112  | 489957   | 49.36   | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.201 | 131  | 191713   | 52.03   | ug/l  | 99       |
| 67) Ethyl Benzene             | 10.232 | 91   | 870380   | 50.57   | ug/l  | 100      |
| 68) m/p-Xylenes               | 10.342 | 106  | 665819   | 103.74  | ug/l  | 98       |
| 69) o-Xylene                  | 10.683 | 106  | 313963   | 52.01   | ug/l  | 99       |
| 70) Styrene                   | 10.695 | 104  | 553579   | 53.41   | ug/l  | 100      |
| 71) Bromoform                 | 10.836 | 173  | 159651   | 53.97   | ug/l  | 100      |
| 73) Isopropylbenzene          | 11.000 | 105  | 875020   | 51.42   | ug/l  | 100      |
| 74) N-ethyl acetate           | 10.878 | 43   | 298546   | 42.02   | ug/l  | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 274387   | 47.86   | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane    | 11.274 | 75   | 274102m  | 50.20   | ug/l  |          |
| 77) Bromobenzene              | 11.238 | 156  | 220855   | 51.28   | ug/l  | 95       |
| 78) n-propylbenzene           | 11.342 | 91   | 994789   | 50.63   | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 11.402 | 91   | 599590   | 49.96   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 752684   | 51.75   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.055 | 75   | 97384    | 49.97   | ug/l  | 96       |
| 82) 4-Chlorotoluene           | 11.494 | 91   | 711433   | 50.09   | ug/l  | 99       |
| 83) tert-Butylbenzene         | 11.756 | 119  | 717855   | 51.11   | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.787 | 105  | 769739   | 52.47   | ug/l  | 99       |
| 85) sec-Butylbenzene          | 11.927 | 105  | 847248   | 52.19   | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 12.049 | 119  | 799452   | 53.06   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene       | 12.006 | 146  | 393577   | 50.15   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 12.079 | 146  | 394531   | 48.41   | ug/l  | 99       |
| 89) n-Butylbenzene            | 12.372 | 91   | 670285   | 49.67   | ug/l  | 99       |
| 90) Hexachloroethane          | 12.579 | 117  | 138166   | 50.93   | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene       | 12.372 | 146  | 379948   | 50.24   | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.981 | 75   | 60185    | 47.36   | ug/l  | 96       |
| 93) 1,2,4-Trichlorobenzene    | 13.628 | 180  | 248822   | 50.73   | ug/l  | 97       |
| 94) Hexachlorobutadiene       | 13.762 | 225  | 109941   | 47.57   | ug/l  | 99       |
| 95) Naphthalene               | 13.817 | 128  | 807679   | 45.02   | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene    | 14.000 | 180  | 251341   | 52.63   | ug/l  | 98       |

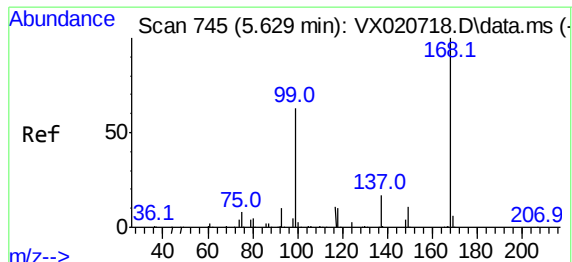
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
VSTDCCC050

**Manual Integrations**  
**APPROVED**

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2/8/2021 11:33:45 AM





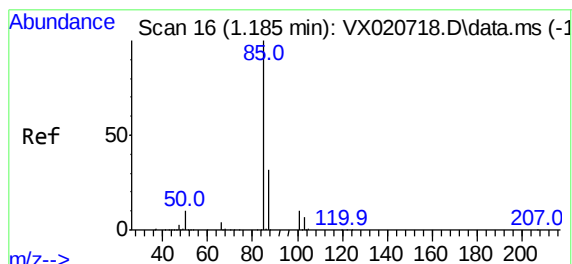
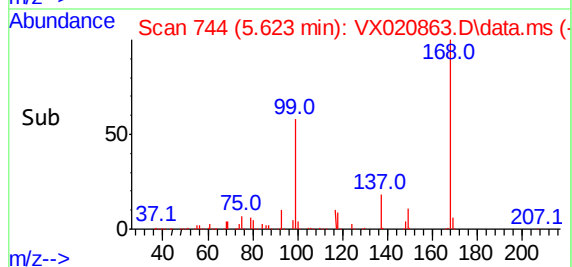
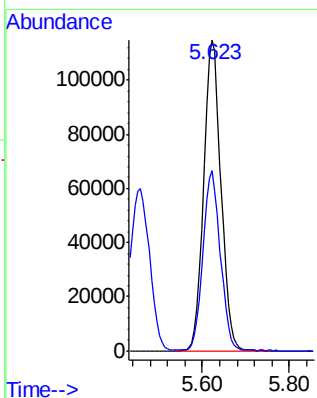
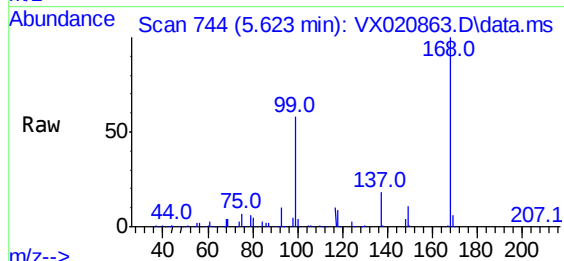
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:168 Resp: 316007  
Ion Ratio Lower Upper  
168 100  
99 57.7 45.8 68.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

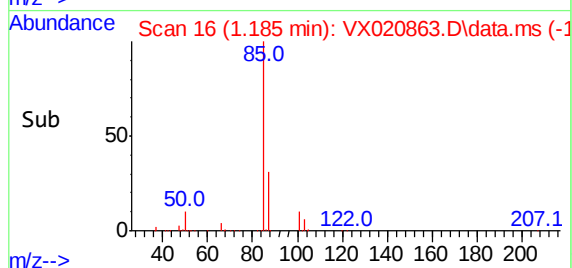
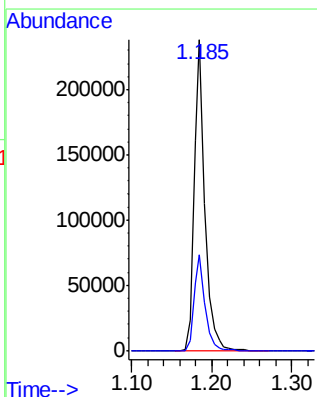
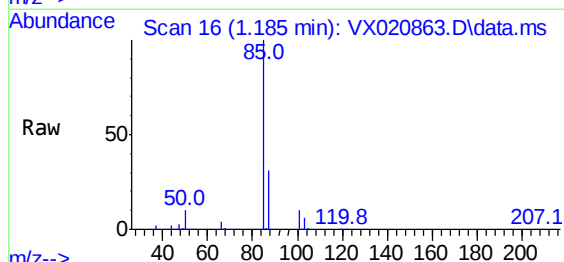
Manual Integrations  
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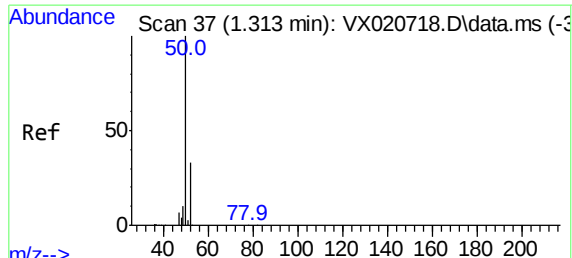
MMDadoda  
2/8/2021 11:33:45 AM



#2  
Dichlorodifluoromethane  
Concen: 44.59 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 85 Resp: 222138  
Ion Ratio Lower Upper  
85 100  
87 31.0 16.4 49.2





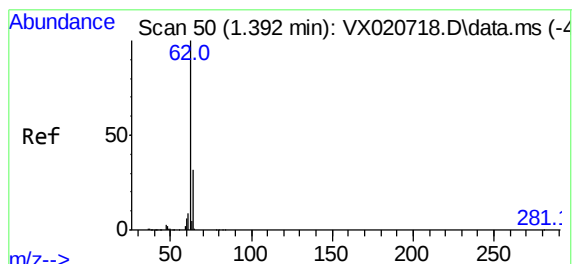
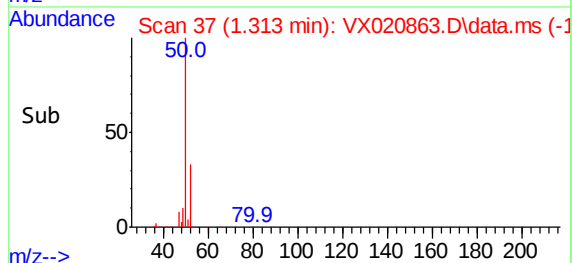
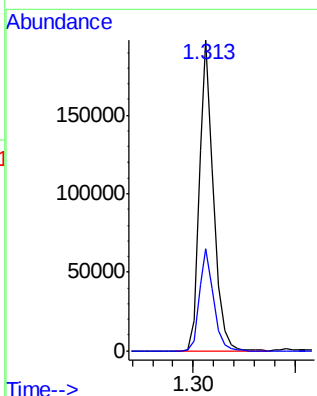
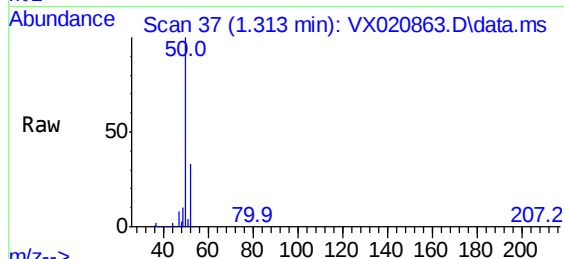
#3  
Chloromethane  
Concen: 43.15 ug/l  
RT: 1.313 min Scan# 37  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 50 Resp: 191798  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.4 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

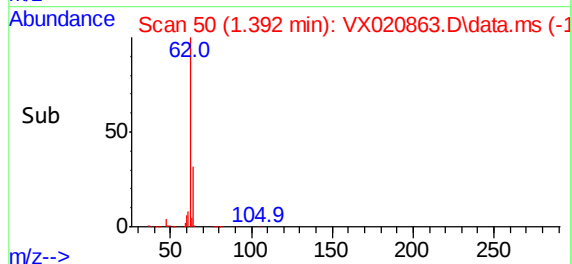
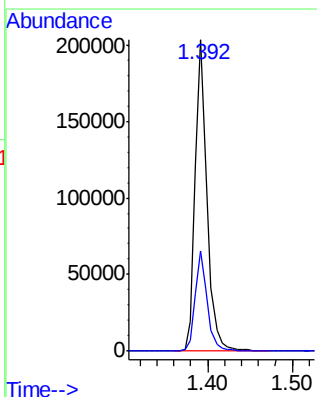
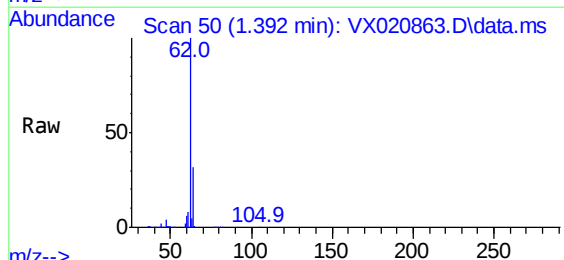
Manual Integrations  
APPROVED

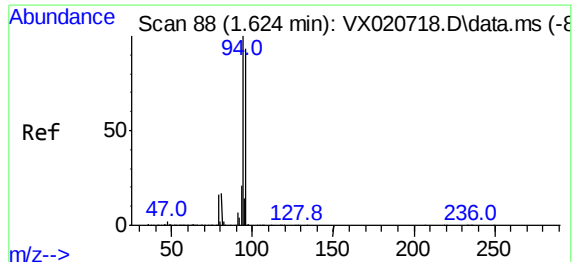
MMDadoda  
2/8/2021 11:33:45 AM



#4  
Vinyl Chloride  
Concen: 44.01 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 62 Resp: 195056  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.7 38.5





#5  
Bromomethane  
Concen: 44.50 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

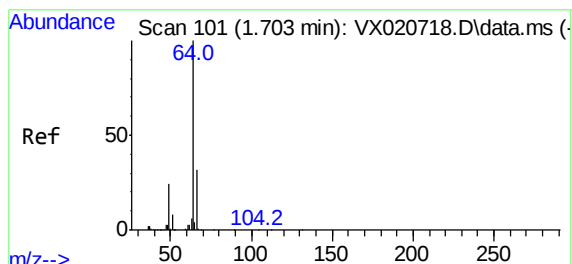
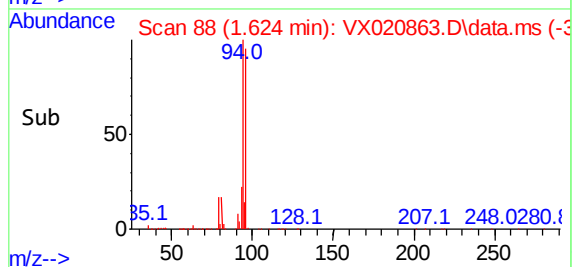
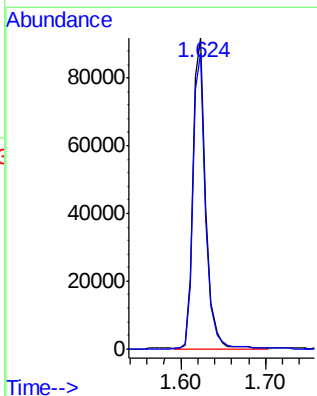
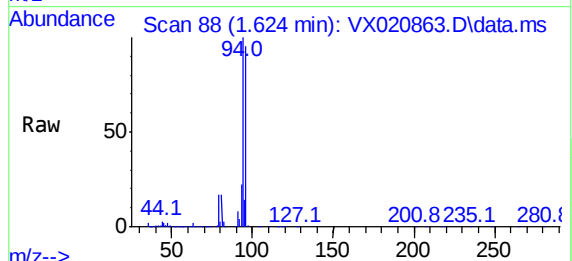
Tgt Ion: 94 Resp: 94754  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 96  | 95.0  | 76.4  | 114.6 |

Instrument :  
MSVOA\_X  
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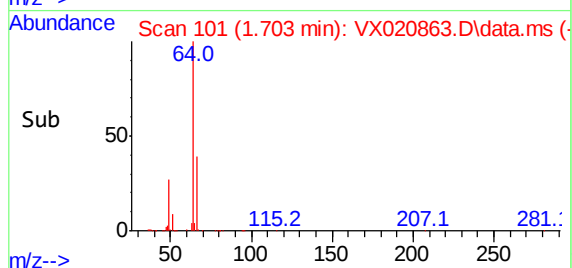
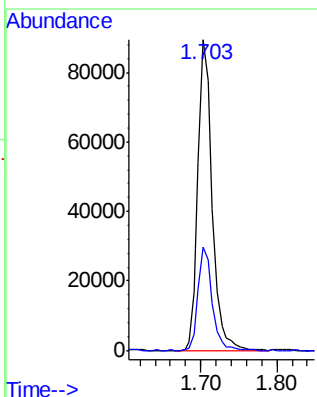
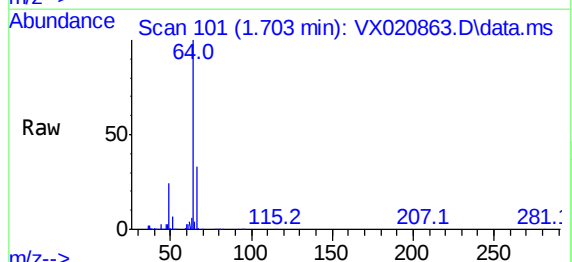
MMDadoda  
2/8/2021 11:33:45 AM

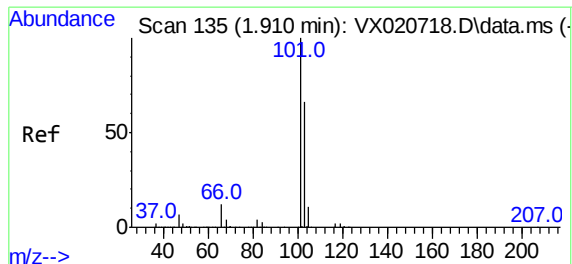


#6  
Chloroethane  
Concen: 46.18 ug/l  
RT: 1.703 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 64 Resp: 115847  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 64  | 100   |       |       |
| 66  | 33.4  | 25.4  | 38.0  |





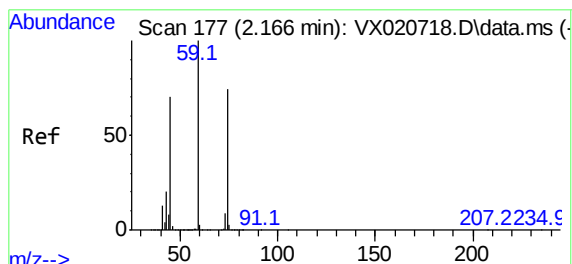
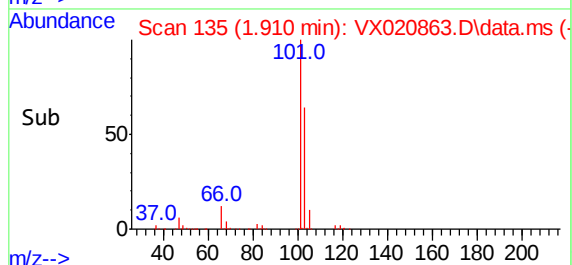
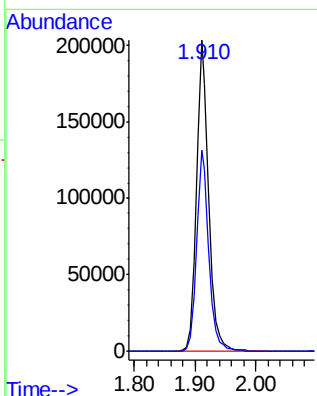
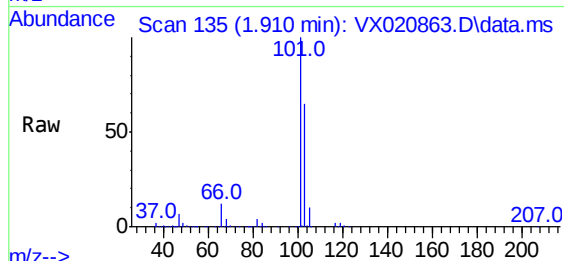
#7  
Trichlorofluoromethane  
Concen: 48.13 ug/l  
RT: 1.910 min Scan# 135  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 101 Resp: 289350  
Ion Ratio Lower Upper  
101 100  
103 64.5 53.2 79.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

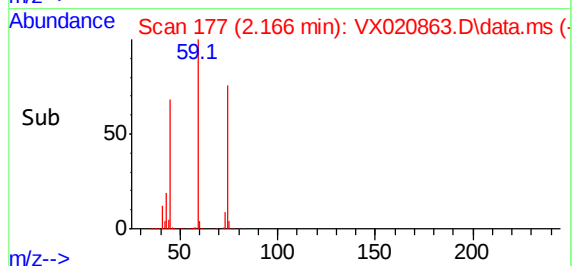
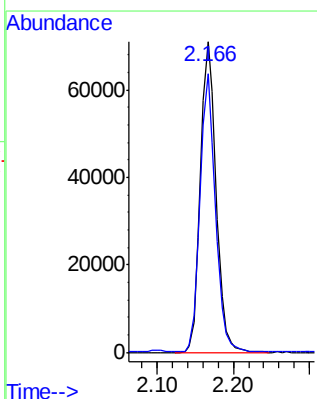
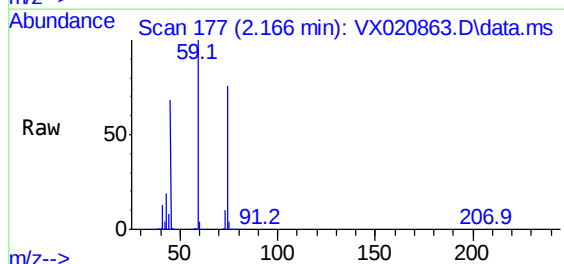
Manual Integrations  
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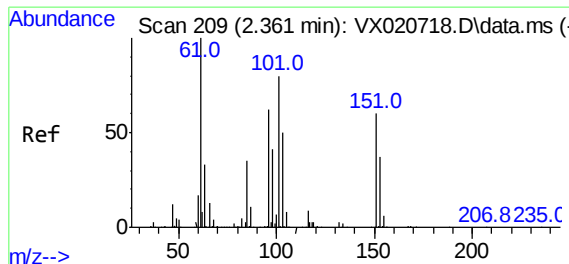
MMDadoda  
2/8/2021 11:33:45 AM



#8  
Diethyl Ether  
Concen: 46.84 ug/l  
RT: 2.166 min Scan# 177  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 74 Resp: 101069  
Ion Ratio Lower Upper  
74 100  
45 87.5 44.5 133.5





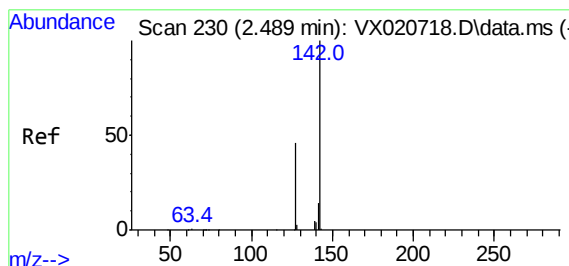
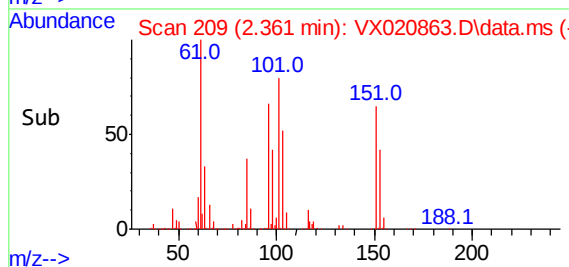
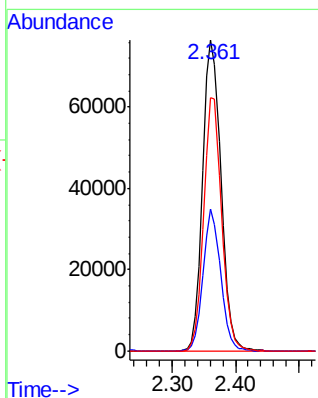
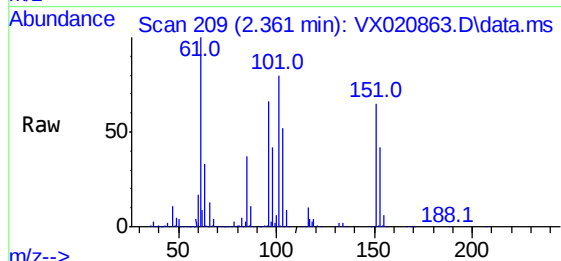
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.06 ug/l  
RT: 2.361 min Scan# 209  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 147492 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 43.4  | 34.9  | 52.3   |
| 151      | 79.3  | 61.4  | 92.2   |

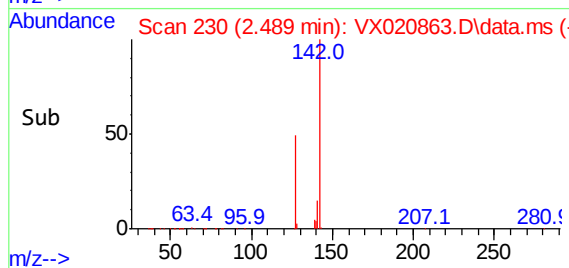
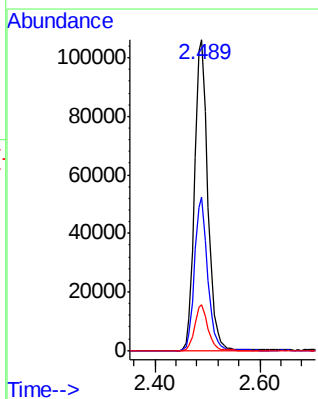
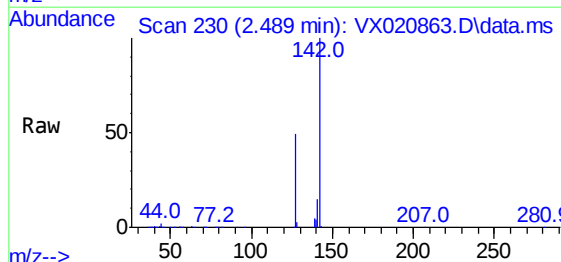
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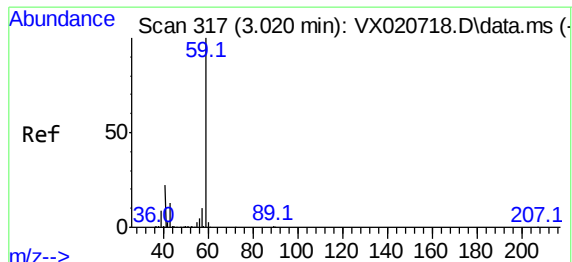
MMDadoda  
2/8/2021 11:33:45 AM



#10  
Methyl Iodide  
Concen: 42.98 ug/l  
RT: 2.489 min Scan# 230  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 184994 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 48.6  | 33.3  | 49.9   |
| 141      | 14.5  | 11.4  | 17.0   |



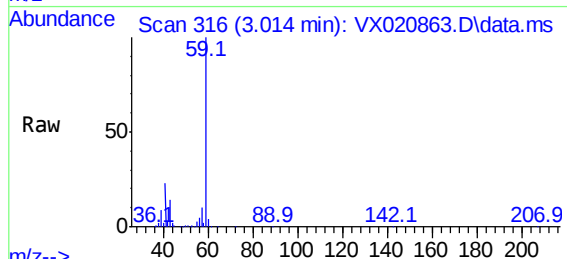


#11  
Tert butyl alcohol  
Concen: 214.77 ug/l  
RT: 3.014 min Scan# 316  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

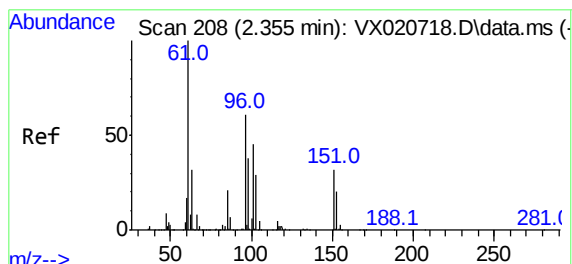
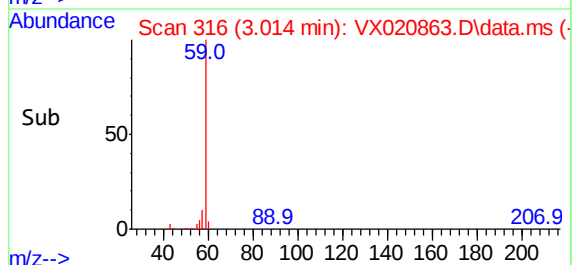
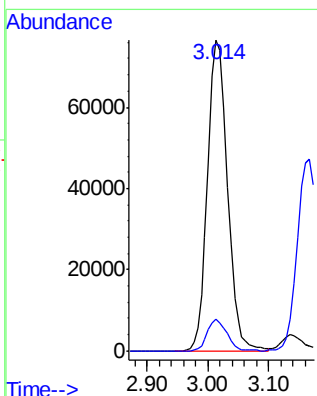
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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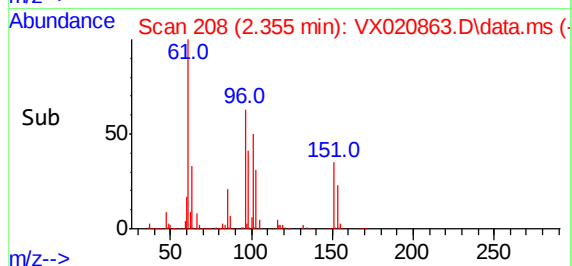
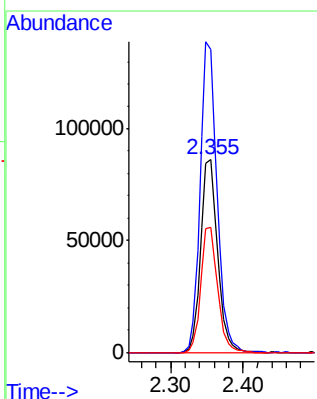
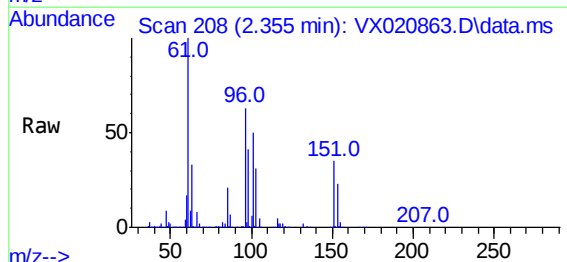


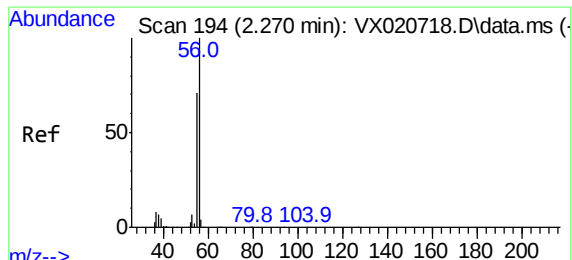
Tgt Ion: 59 Resp: 172812  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 46.37 ug/l  
RT: 2.355 min Scan# 208  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 96 Resp: 140735  
Ion Ratio Lower Upper  
96 100  
61 157.8 124.6 187.0  
98 64.8 50.6 76.0





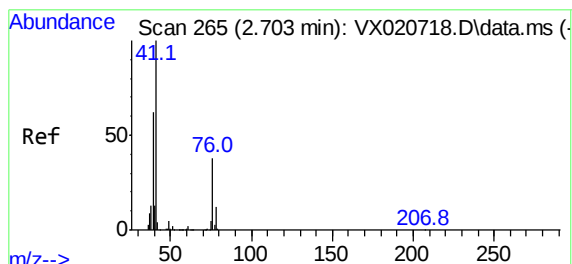
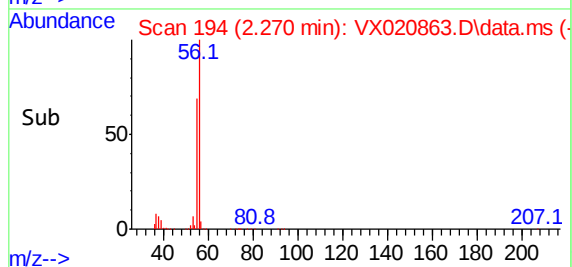
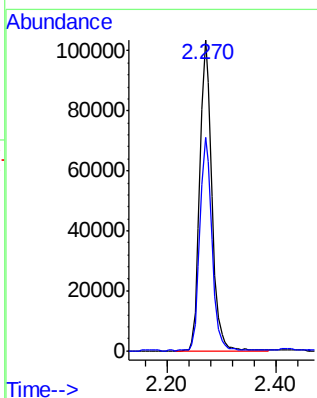
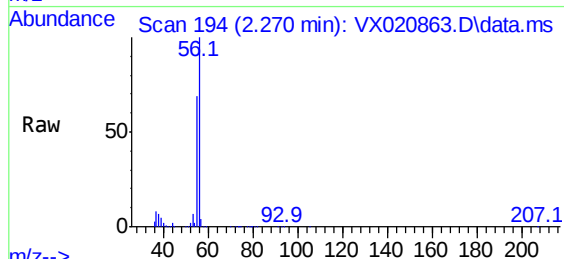
#13  
Acrolein  
Concen: 261.25 ug/l  
RT: 2.270 min Scan# 194  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 56 Resp: 158544  
Ion Ratio Lower Upper  
56 100  
55 68.9 56.4 84.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

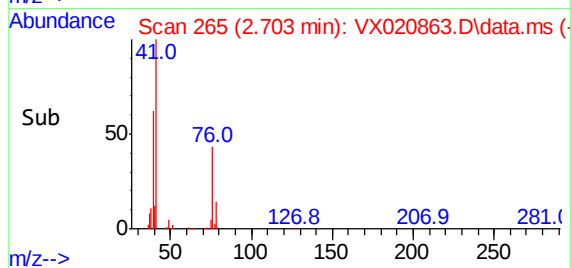
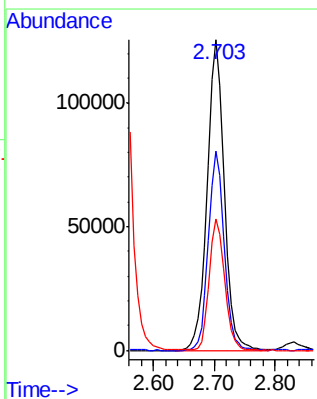
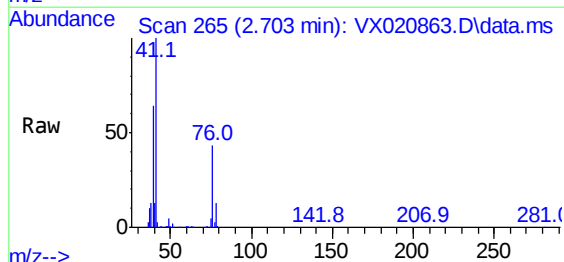
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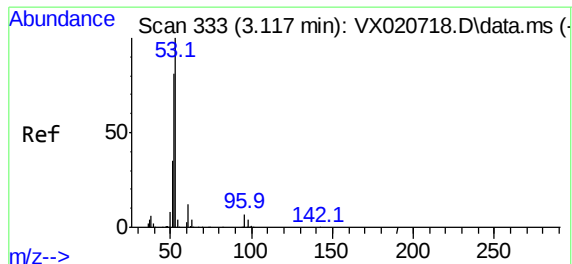
MMDadoda  
2/8/2021 11:33:45 AM



#14  
Allyl chloride  
Concen: 42.79 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 41 Resp: 241829  
Ion Ratio Lower Upper  
41 100  
39 59.4 51.6 77.4  
76 38.0 30.5 45.7





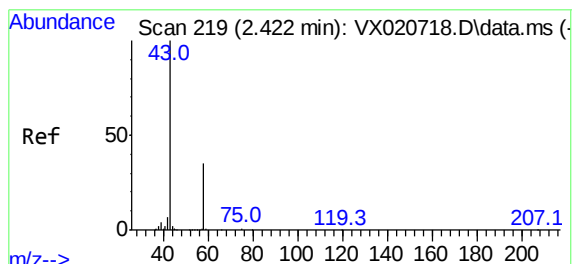
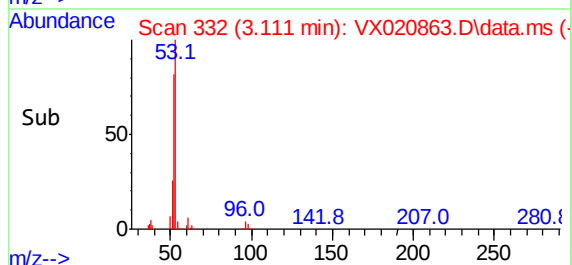
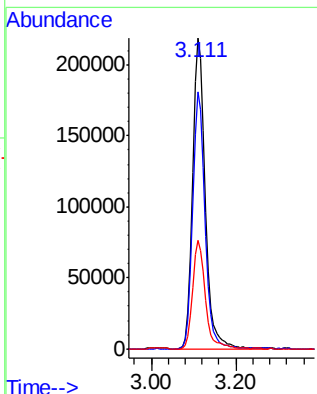
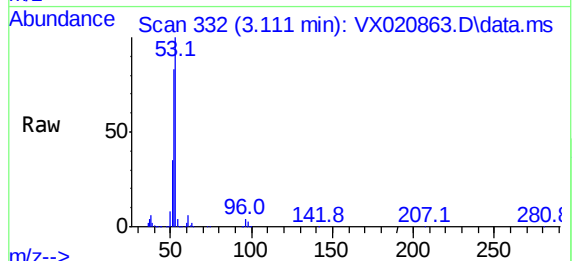
#15  
Acrylonitrile  
Concen: 221.24 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 53 Resp: 450592  
Ion Ratio Lower Upper  
53 100  
52 81.8 65.3 97.9  
51 35.6 28.2 42.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

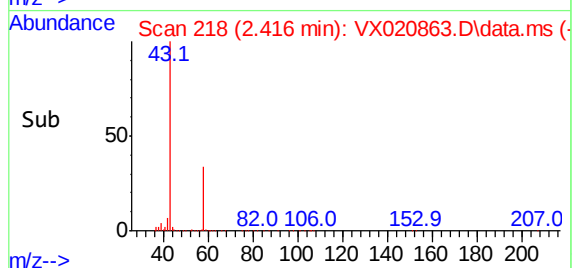
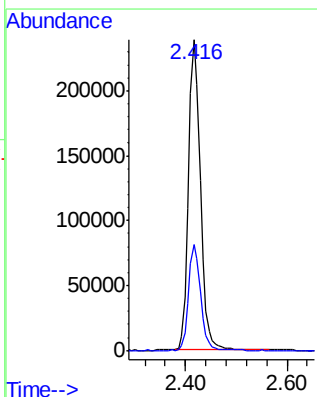
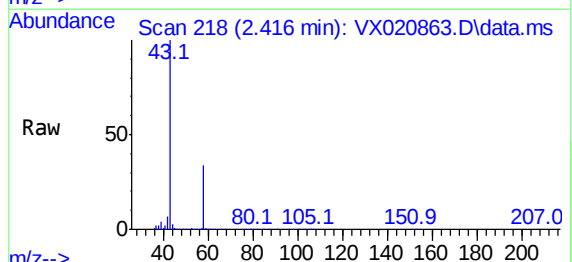
Manual Integrations  
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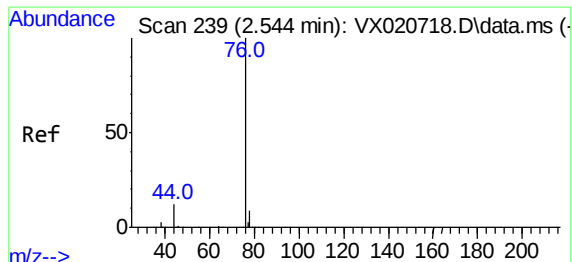
MMDadoda  
2/8/2021 11:33:45 AM



#16  
Acetone  
Concen: 239.76 ug/l  
RT: 2.416 min Scan# 218  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

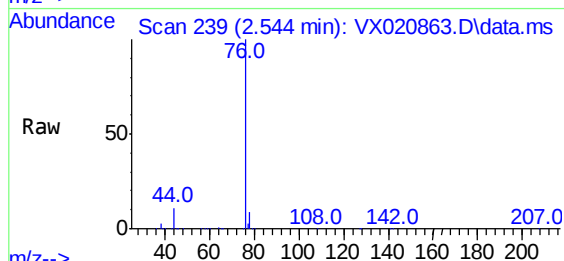
Tgt Ion: 43 Resp: 391826  
Ion Ratio Lower Upper  
43 100  
58 34.2 27.8 41.8





#17  
Carbon Disulfide  
Concen: 41.86 ug/l  
RT: 2.544 min Scan# 239  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

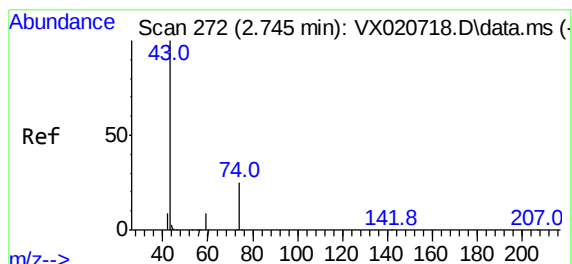
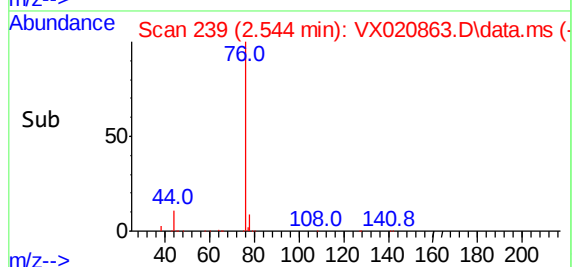
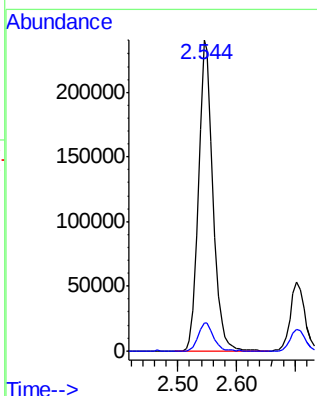
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 76 Resp: 407980  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.2 10.8

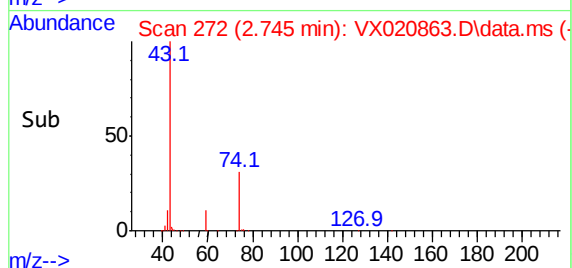
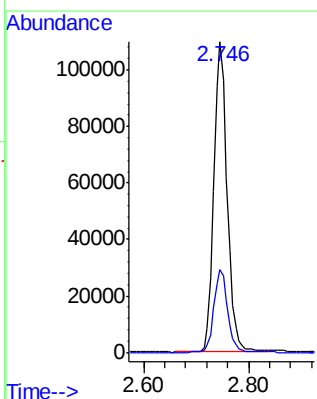
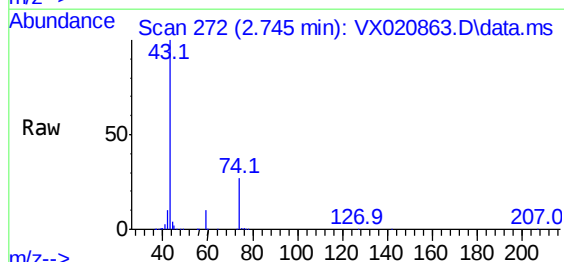
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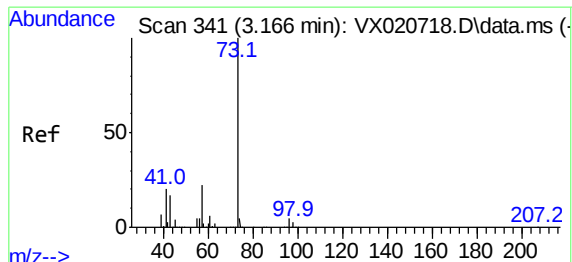
MMDadoda  
2/8/2021 11:33:45 AM



#18  
Methyl Acetate  
Concen: 46.22 ug/l  
RT: 2.745 min Scan# 272  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

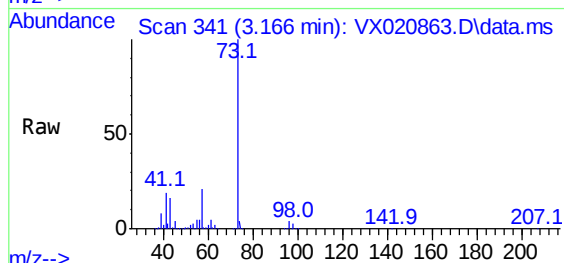
Tgt Ion: 43 Resp: 192991  
Ion Ratio Lower Upper  
43 100  
74 27.6 21.9 32.9





#19  
Methyl tert-butyl Ether  
Concen: 47.37 ug/l  
RT: 3.166 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

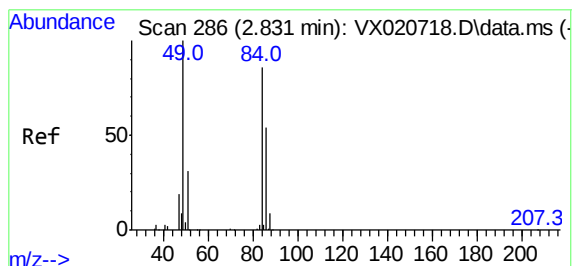
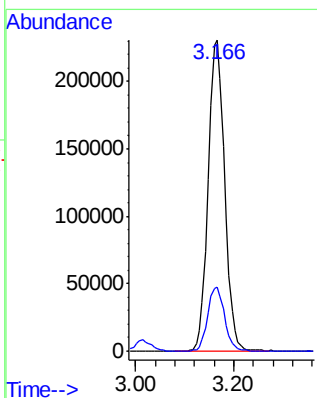
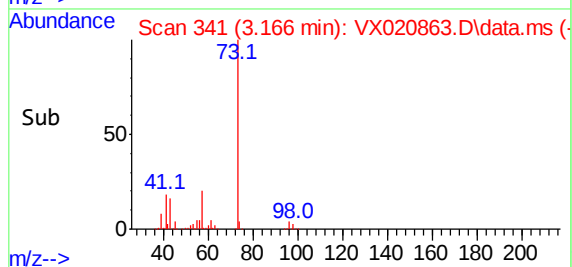
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 73 Resp: 537777  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.1 25.7

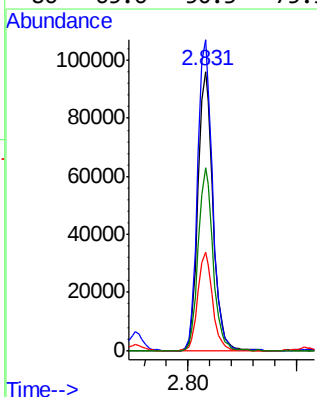
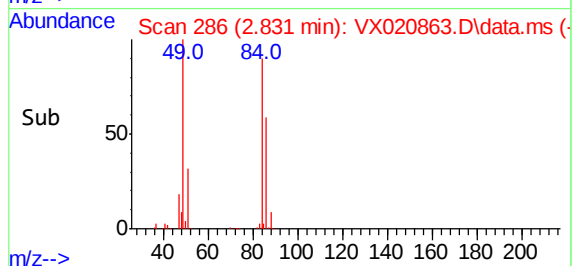
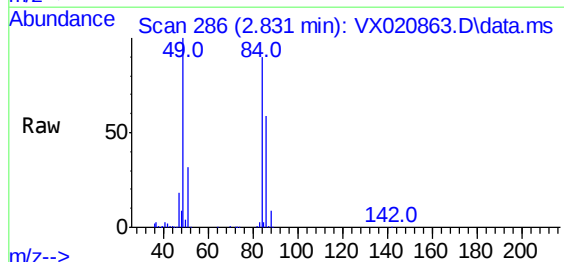
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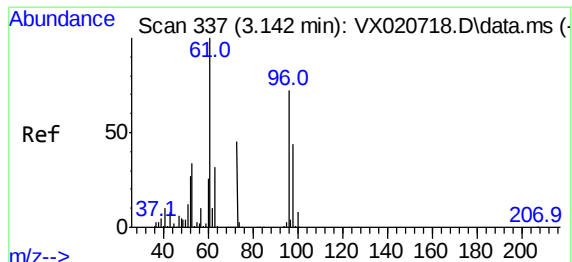
MMDadoda  
2/8/2021 11:33:45 AM



#20  
Methylene Chloride  
Concen: 44.03 ug/l  
RT: 2.831 min Scan# 286  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 84 Resp: 181591  
Ion Ratio Lower Upper  
84 100  
49 111.4 88.6 132.8  
51 35.1 27.0 40.6  
86 65.6 50.3 75.5





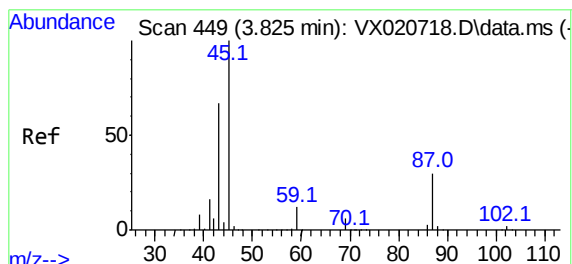
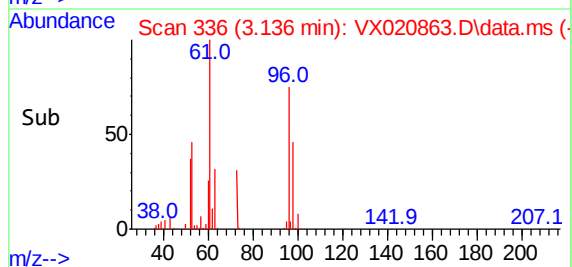
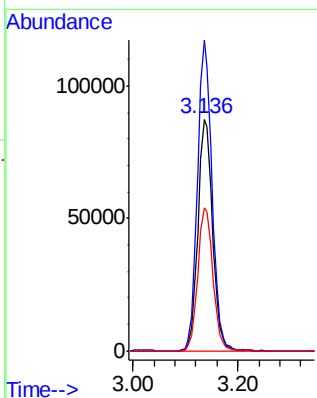
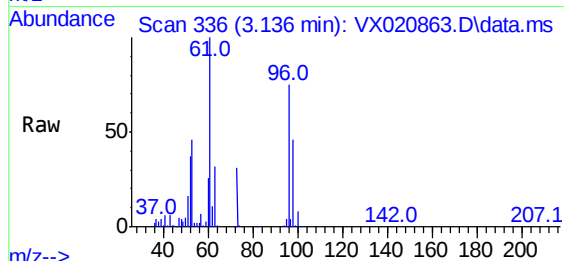
#21  
trans-1,2-Dichloroethene  
Concen: 44.60 ug/l  
RT: 3.136 min Scan# 336  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 96 Resp: 169085  
Ion Ratio Lower Upper  
96 100  
61 134.0 107.7 161.5  
98 61.9 50.4 75.6

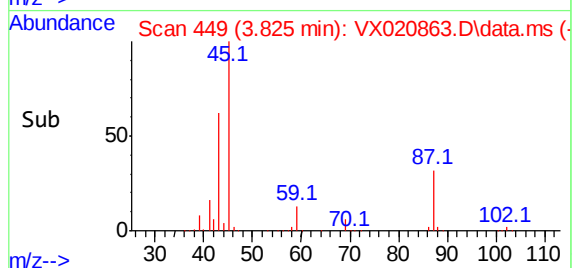
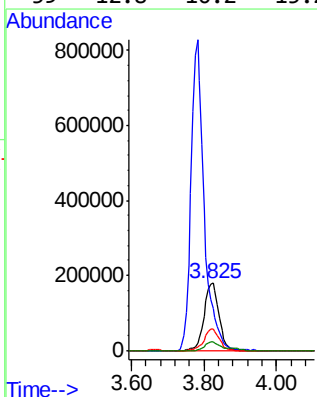
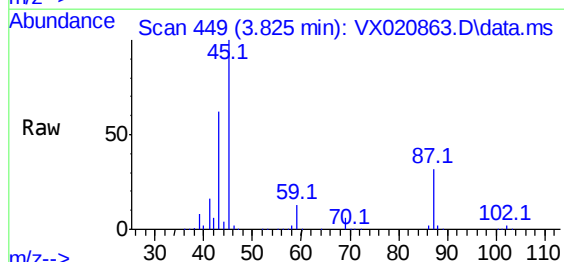
Manual Integrations  
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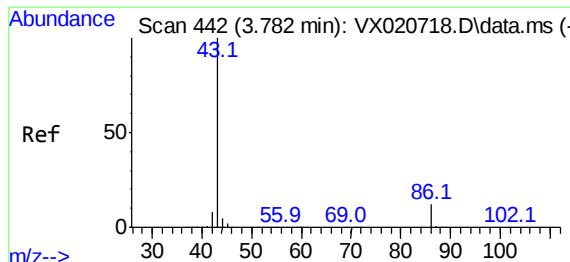
MMDadoda  
2/8/2021 11:33:45 AM



#22  
Diisopropyl ether  
Concen: 44.82 ug/l  
RT: 3.825 min Scan# 449  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 45 Resp: 497855  
Ion Ratio Lower Upper  
45 100  
43 62.3 58.0 87.0  
87 31.5 25.4 38.0  
59 12.8 10.2 15.2





#23  
 Vinyl Acetate  
 Concen: 226.54 ug/l  
 RT: 3.782 min Scan# 442  
 Delta R.T. -0.000 min  
 Lab File: VX020863.D  
 Acq: 05 Feb 2021 11:08

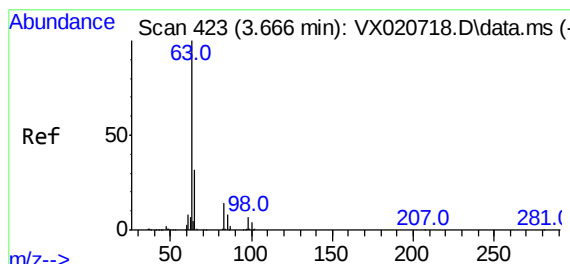
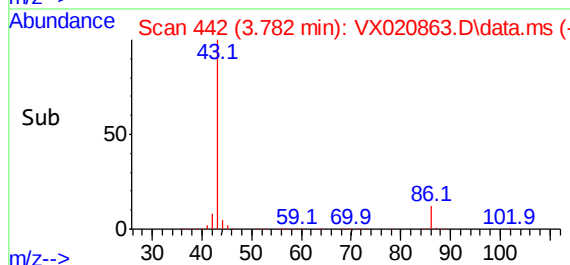
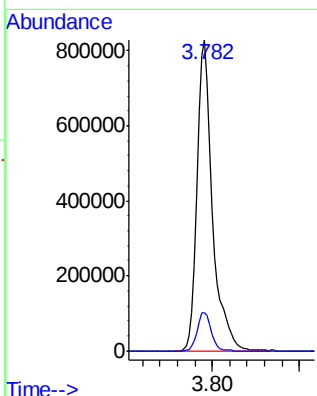
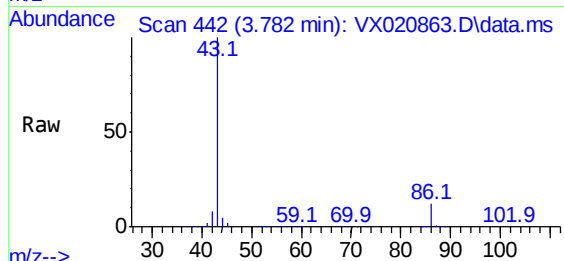
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2070405  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 12.4  | 9.9   | 14.9  |

Manual Integrations  
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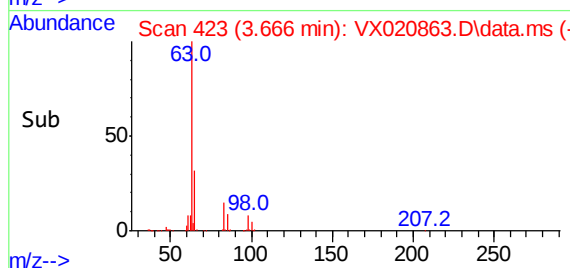
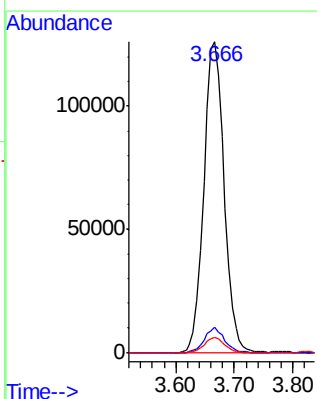
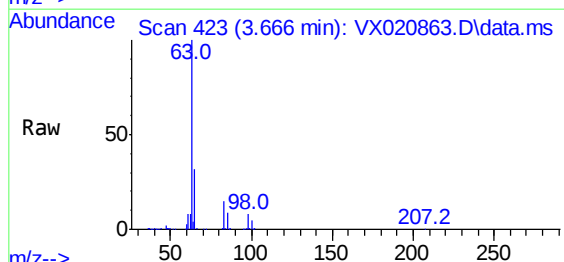
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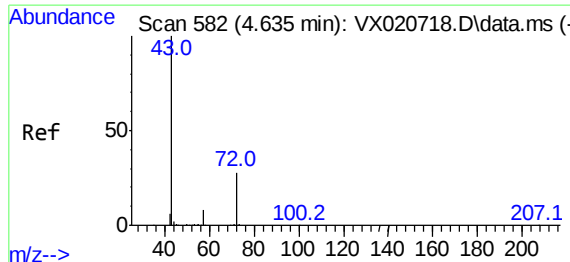


#24  
 1,1-Dichloroethane  
 Concen: 44.92 ug/l  
 RT: 3.666 min Scan# 423  
 Delta R.T. 0.000 min  
 Lab File: VX020863.D  
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Tgt Ion: 63 Resp: 301603  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 8.3   | 3.8   | 11.2  |
| 100 | 4.8   | 2.5   | 7.5   |



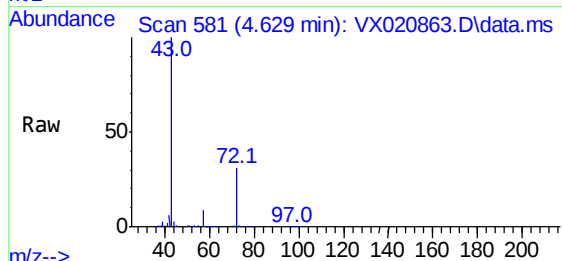


#25  
2-Butanone  
Concen: 229.46 ug/l  
RT: 4.629 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

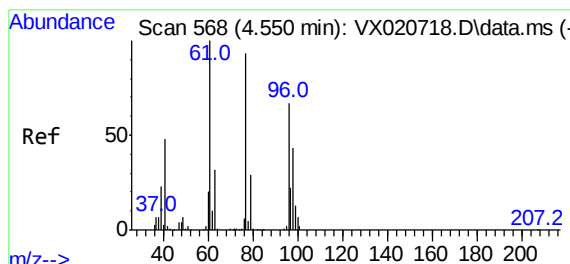
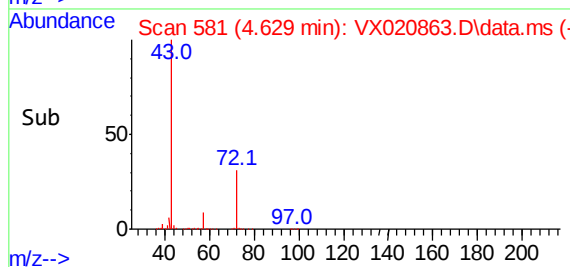
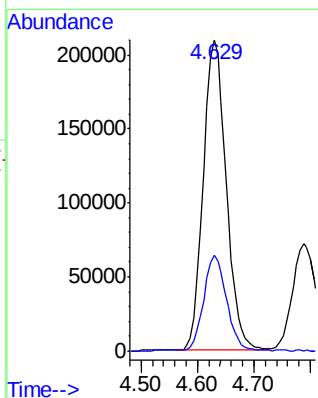
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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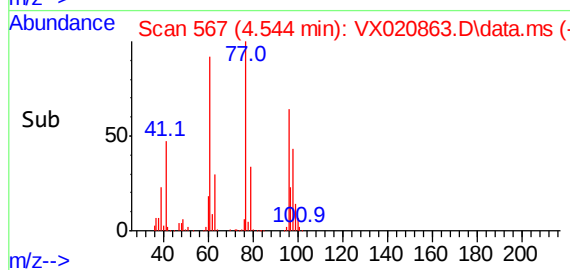
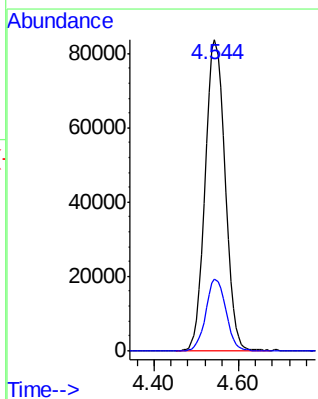
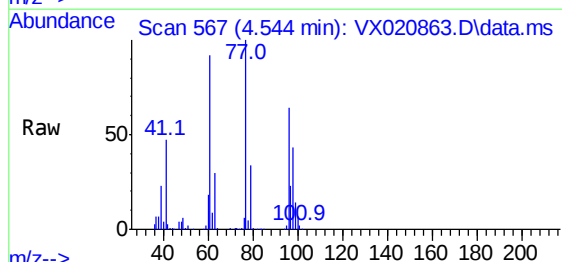


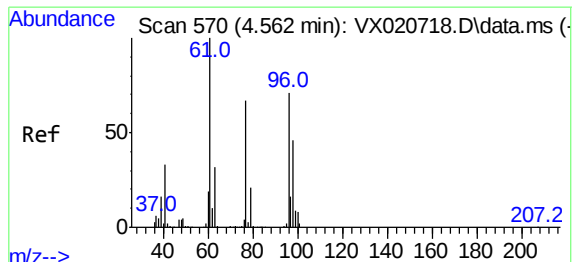
Tgt Ion: 43 Resp: 587345  
Ion Ratio Lower Upper  
43 100  
72 30.5 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 48.47 ug/l  
RT: 4.544 min Scan# 567  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

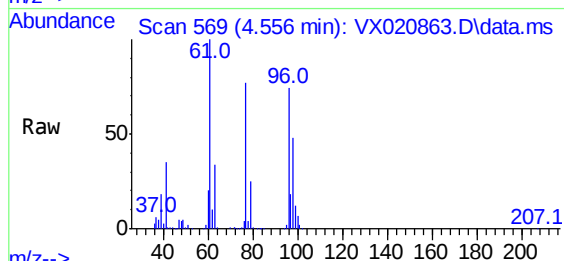
Tgt Ion: 77 Resp: 261172  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.7 35.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 45.95 ug/l  
 RT: 4.556 min Scan# 569  
 Delta R.T. -0.006 min  
 Lab File: VX020863.D  
 Acq: 05 Feb 2021 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

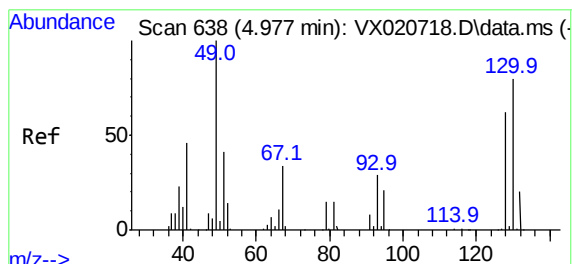
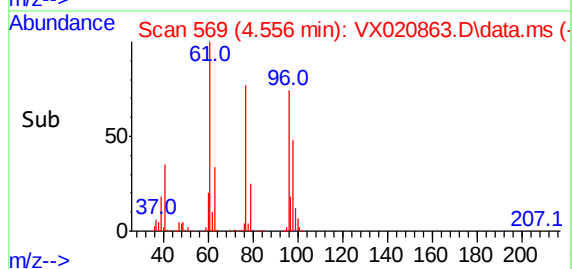
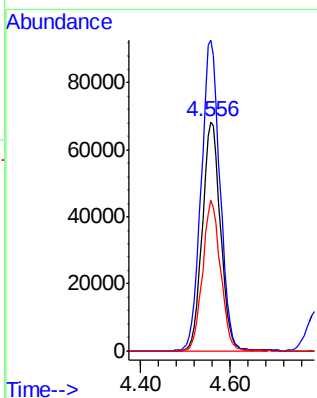


Tgt Ion: 96 Resp: 191040  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 140.6 | 0.0   | 285.6 |
| 98  | 64.9  | 0.0   | 129.6 |

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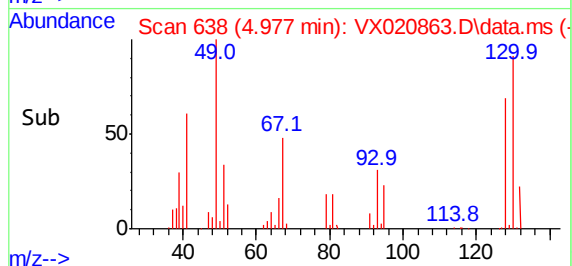
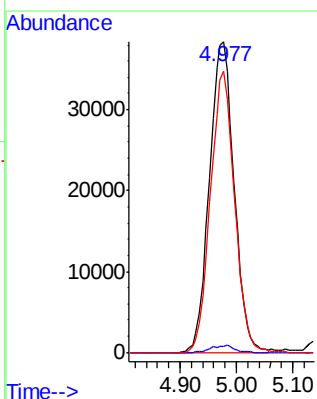
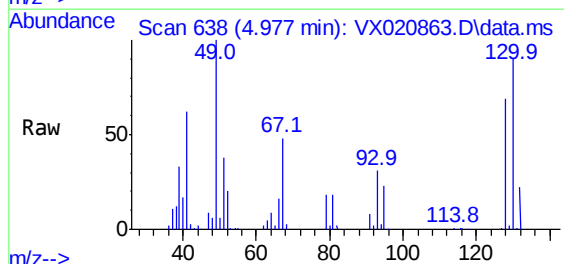
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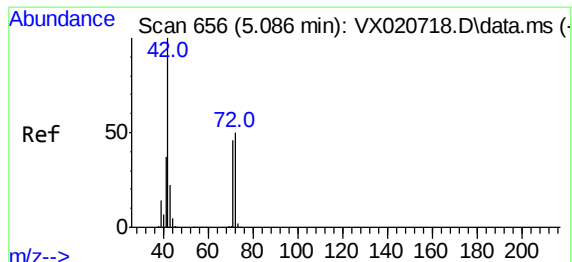


#28  
 Bromochloromethane  
 Concen: 40.29 ug/l  
 RT: 4.977 min Scan# 638  
 Delta R.T. -0.000 min  
 Lab File: VX020863.D  
 Acq: 05 Feb 2021 11:08

Tgt Ion: 49 Resp: 115970  

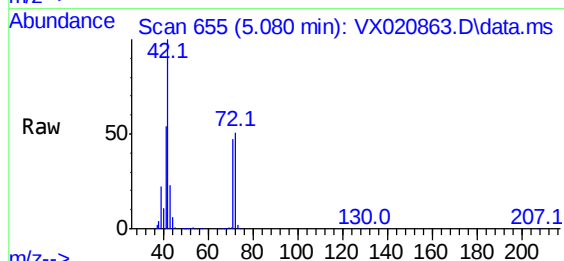
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.0   |
| 130 | 88.7  | 68.2  | 102.2 |





#29  
Tetrahydrofuran  
Concen: 219.32 ug/l  
RT: 5.080 min Scan# 655  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

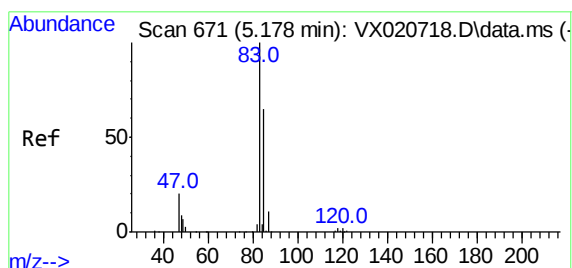
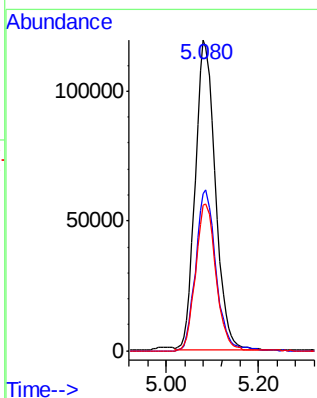
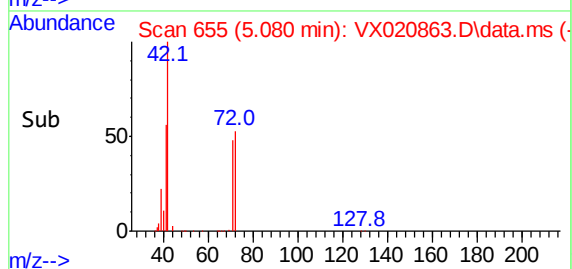
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 42 Resp: 361564  
Ion Ratio Lower Upper  
42 100  
72 52.2 41.7 62.5  
71 47.8 38.4 57.6

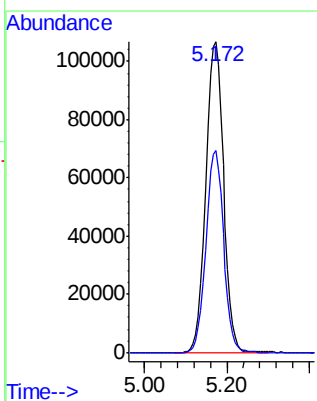
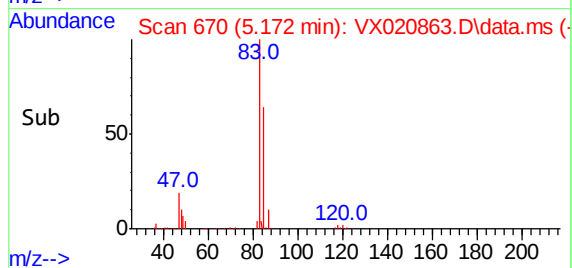
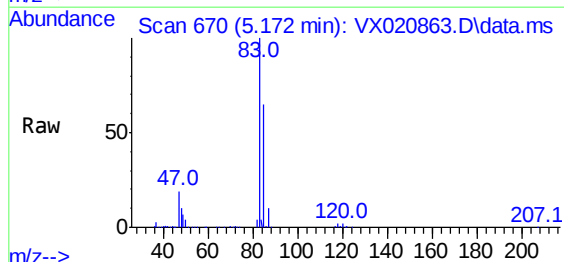
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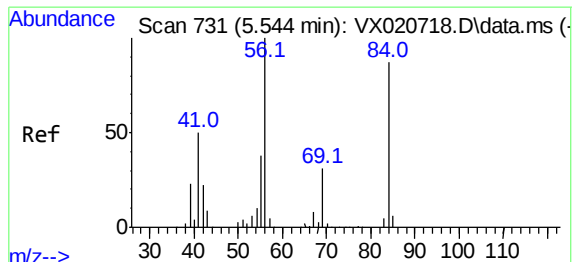
MMDadoda  
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#30  
Chloroform  
Concen: 46.75 ug/l  
RT: 5.172 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 83 Resp: 322709  
Ion Ratio Lower Upper  
83 100  
85 64.8 52.0 78.0





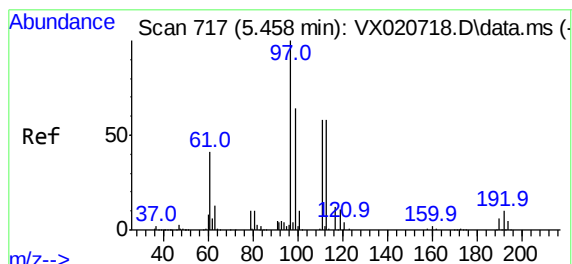
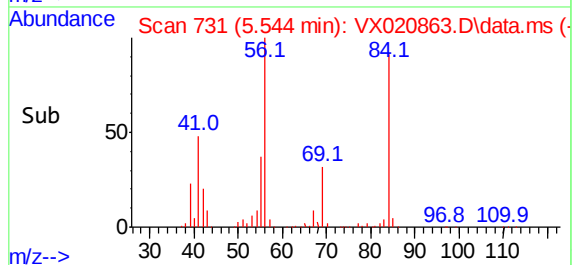
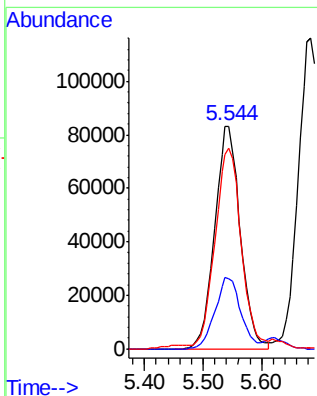
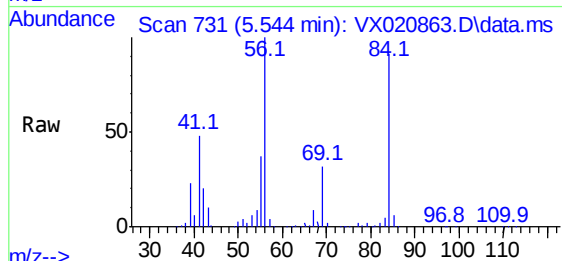
#31  
Cyclohexane  
Concen: 43.45 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 251831  
Ion Ratio Lower Upper  
56 100  
69 31.6 25.3 37.9  
84 88.9 71.4 107.0

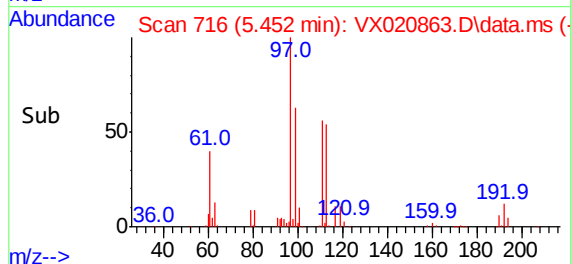
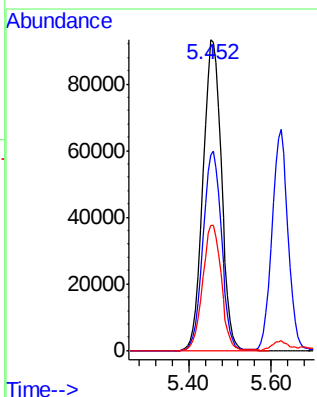
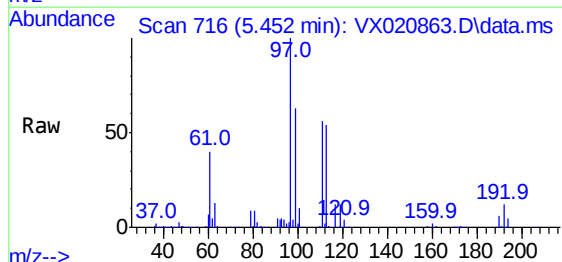
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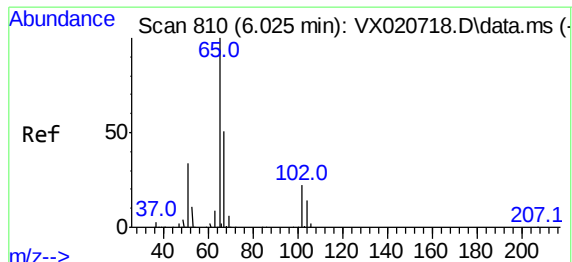
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#32  
1,1,1-Trichloroethane  
Concen: 47.67 ug/l  
RT: 5.452 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 97 Resp: 289654  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.5 77.3  
61 40.7 34.2 51.4





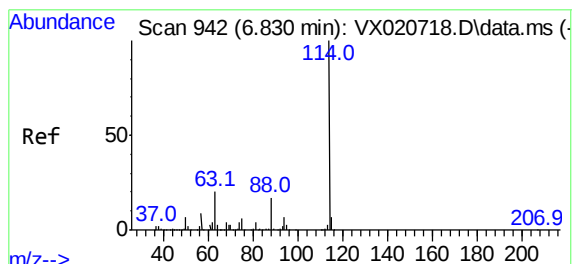
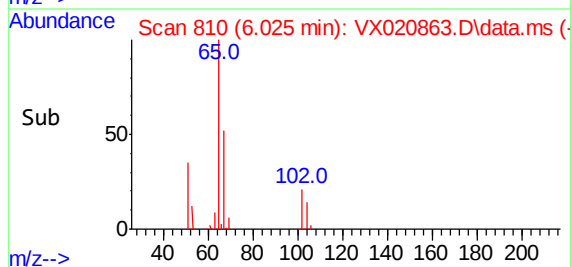
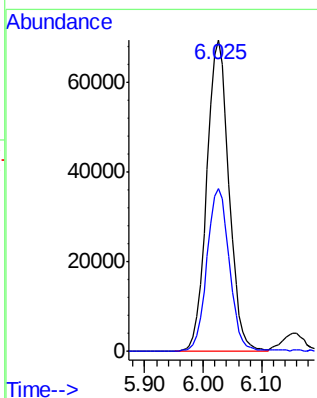
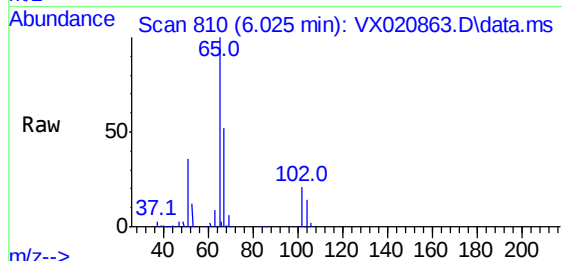
#33  
1,2-Dichloroethane-d4  
Concen: 42.10 ug/l  
RT: 6.025 min Scan# 810  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 65 Resp: 181461  
Ion Ratio Lower Upper  
65 100  
67 52.7 0.0 105.4

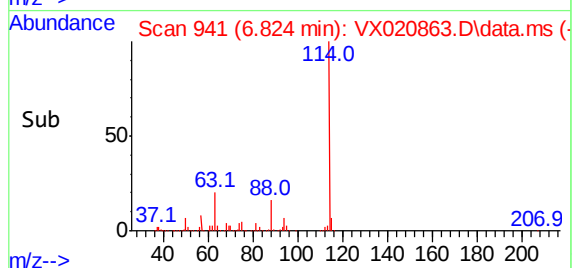
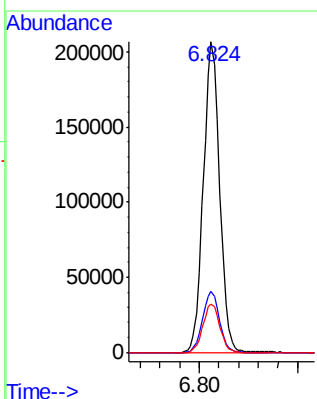
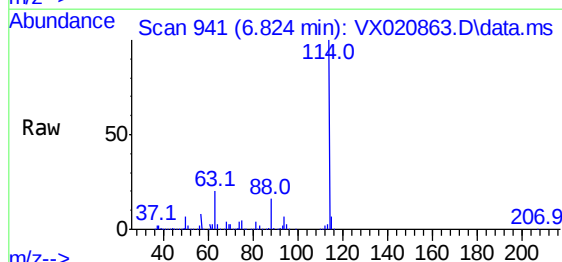
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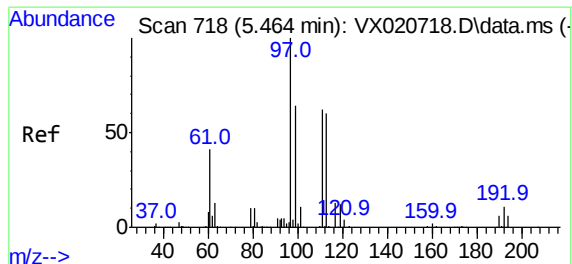
MMDadoda  
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.824 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:114 Resp: 476843  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 40.8  
88 15.6 0.0 32.8





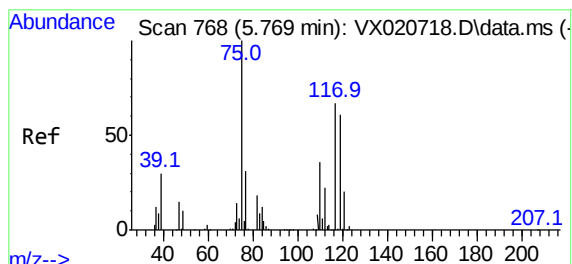
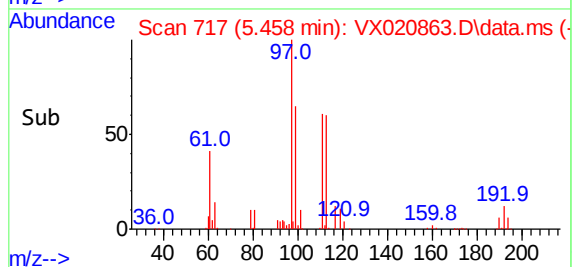
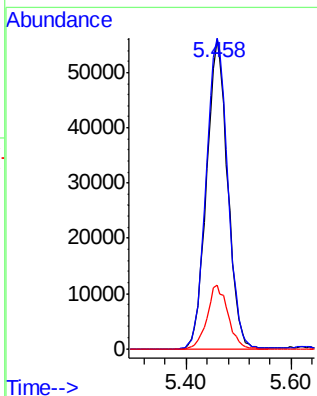
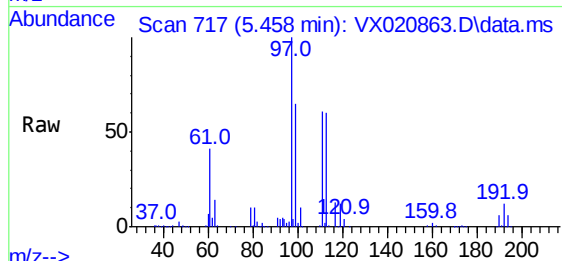
#35  
Dibromofluoromethane  
Concen: 47.68 ug/l  
RT: 5.458 min Scan# 717  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:113 Resp: 155720  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.9 122.9  
192 20.2 16.7 25.1

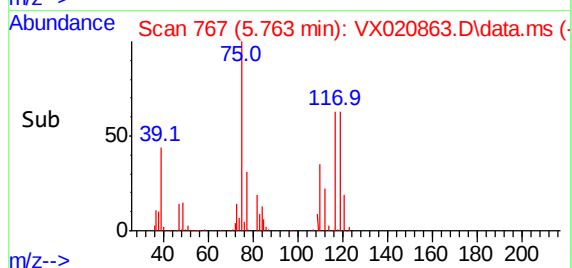
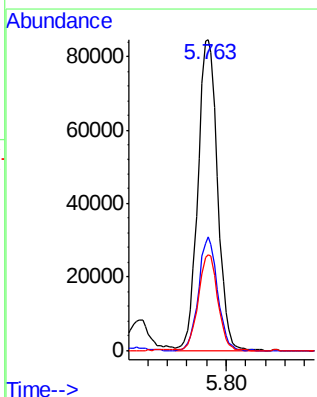
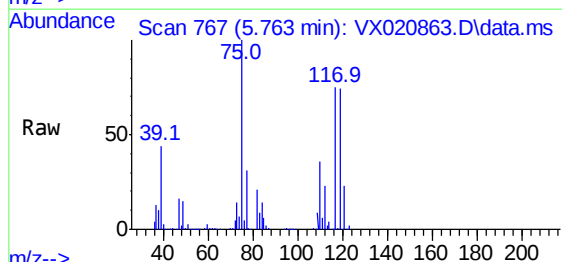
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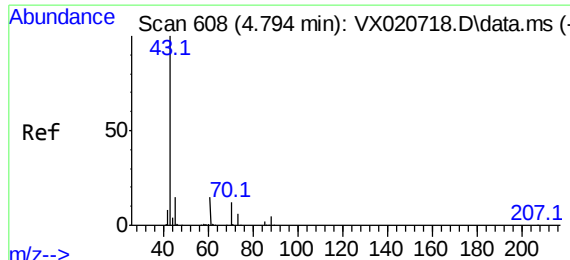
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 48.89 ug/l  
RT: 5.763 min Scan# 767  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

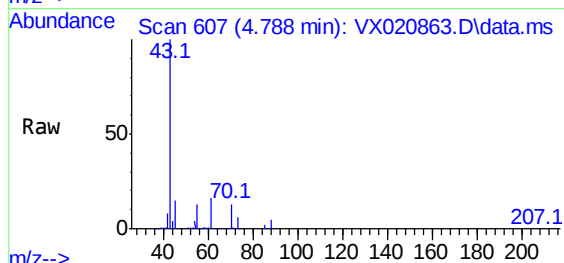
Tgt Ion: 75 Resp: 233969  
Ion Ratio Lower Upper  
75 100  
110 35.1 18.1 54.4  
77 30.4 25.3 37.9





#37  
Ethyl Acetate  
Concen: 46.91 ug/l  
RT: 4.788 min Scan# 607  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

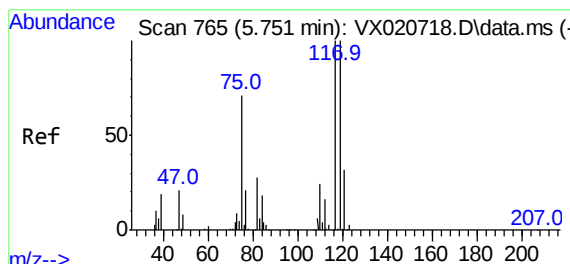
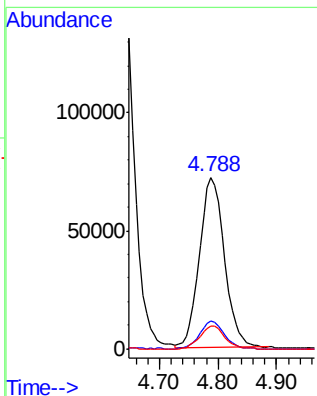
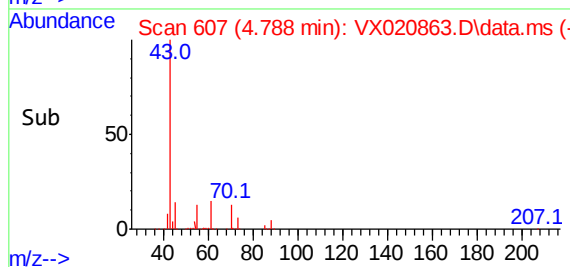
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 212836  
Ion Ratio Lower Upper  
43 100  
61 15.8 12.8 19.2  
70 13.3 10.5 15.7

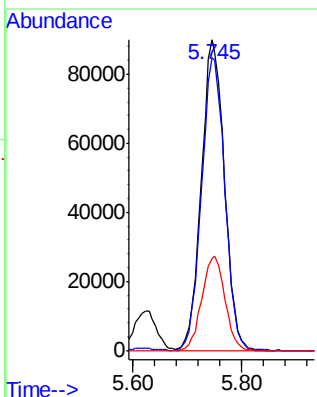
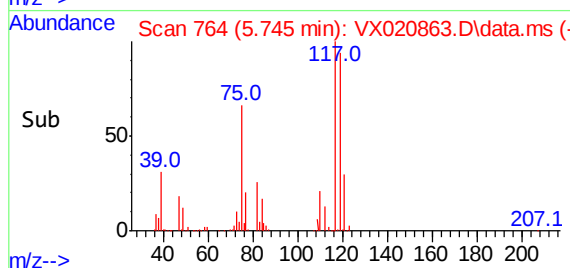
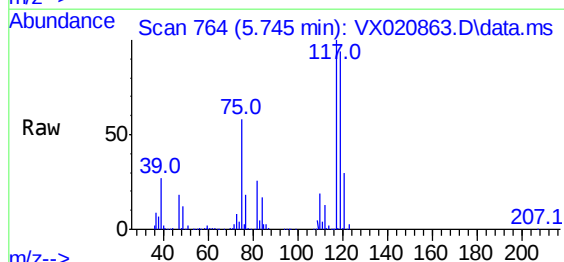
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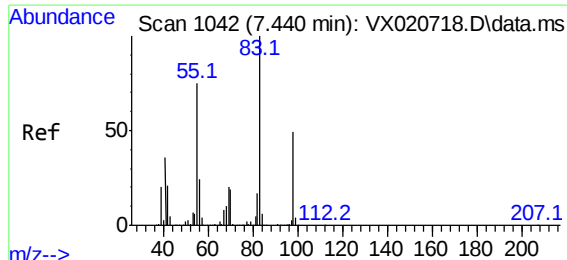
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 52.25 ug/l  
RT: 5.745 min Scan# 764  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 117 Resp: 262914  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.2 114.2  
121 29.7 24.8 37.2





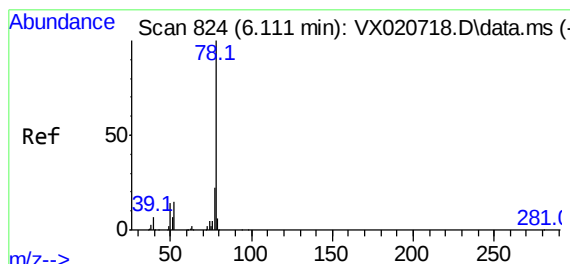
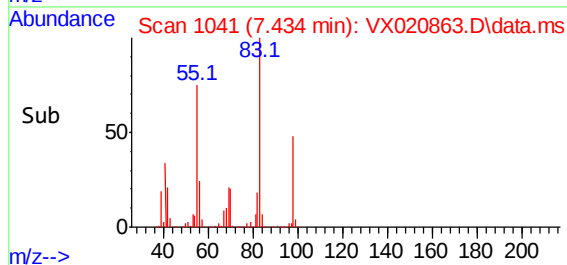
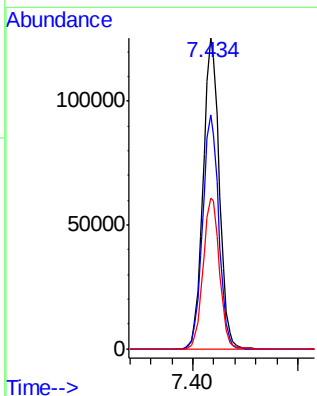
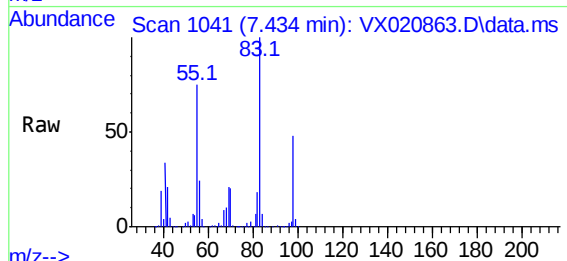
#39  
Methylcyclohexane  
Concen: 48.89 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 266665  
Ion Ratio Lower Upper  
83 100  
55 75.4 58.9 88.3  
98 48.5 38.1 57.1

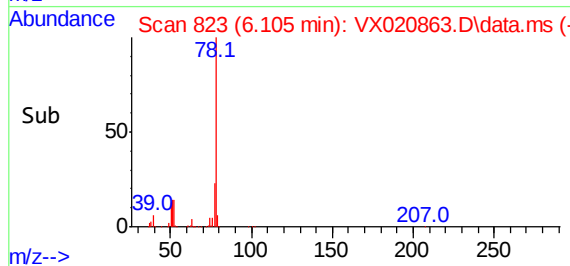
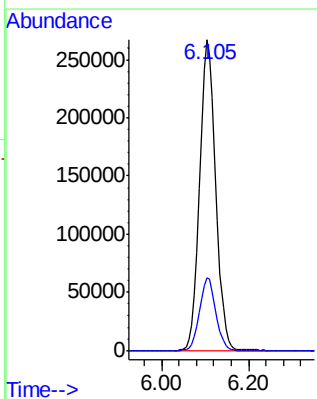
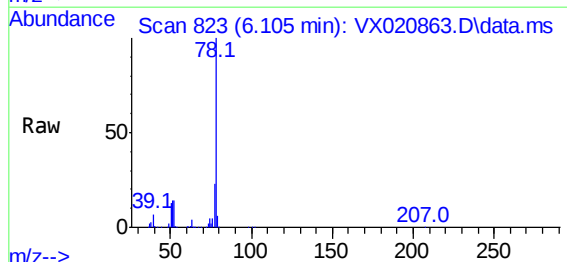
Manual Integrations  
APPROVED

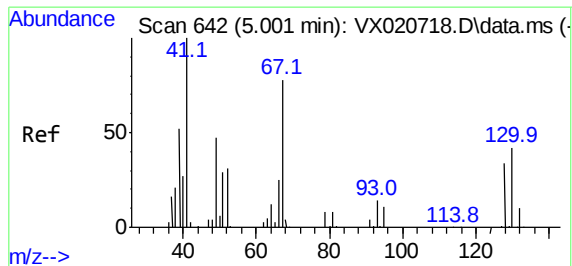
MMDadoda  
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#40  
Benzene  
Concen: 49.23 ug/l  
RT: 6.105 min Scan# 823  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 78 Resp: 693913  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.9 28.3





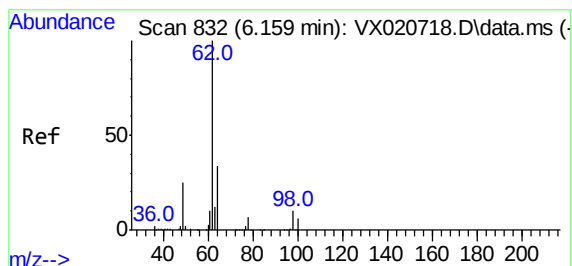
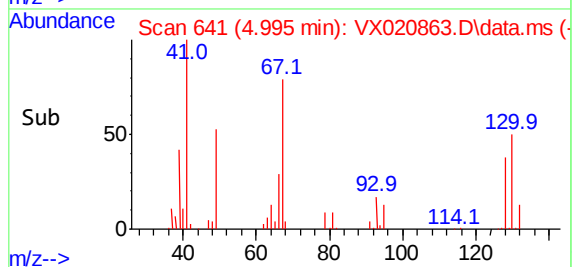
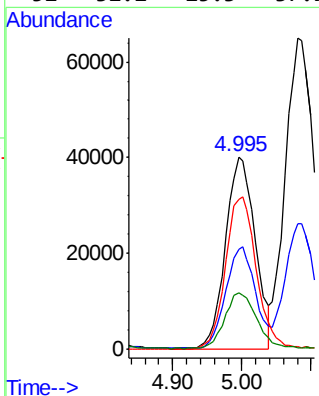
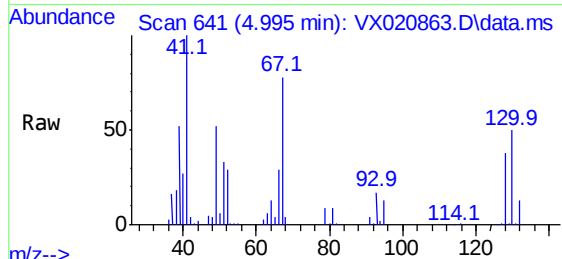
#41  
Methacrylonitrile  
Concen: 47.19 ug/l  
RT: 4.995 min Scan# 641  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampled :  
VSTDCCC050

Tgt Ion: 41 Resp: 119838  
Ion Ratio Lower Upper  
41 100  
39 53.6 42.5 63.7  
67 82.5 65.0 97.6  
52 32.2 25.3 37.9

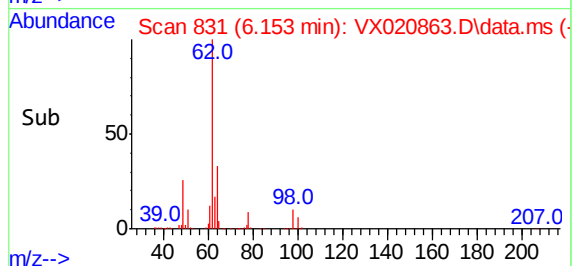
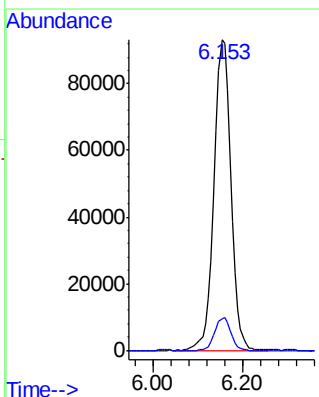
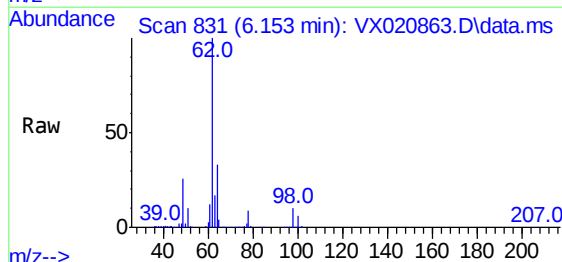
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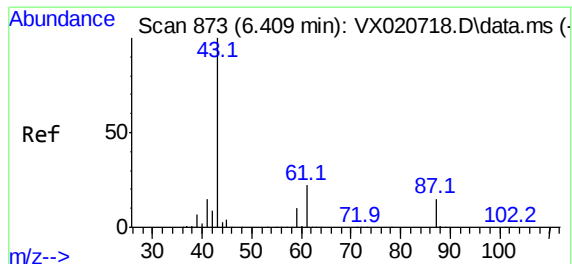
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#42  
1,2-Dichloroethane  
Concen: 48.75 ug/l  
RT: 6.153 min Scan# 831  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 62 Resp: 245070  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 20.2





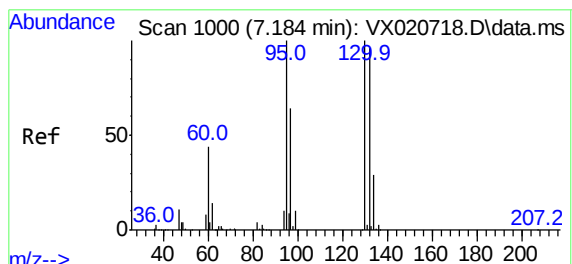
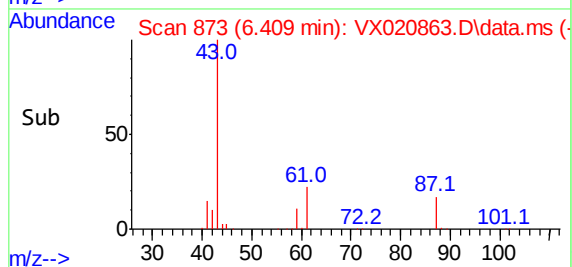
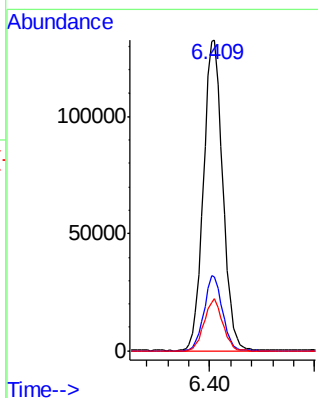
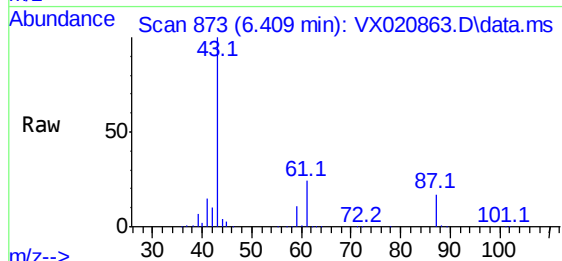
#43  
Isopropyl Acetate  
Concen: 46.60 ug/l  
RT: 6.409 min Scan# 873  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 337080  
Ion Ratio Lower Upper  
43 100  
61 23.1 18.2 27.4  
87 15.9 12.5 18.7

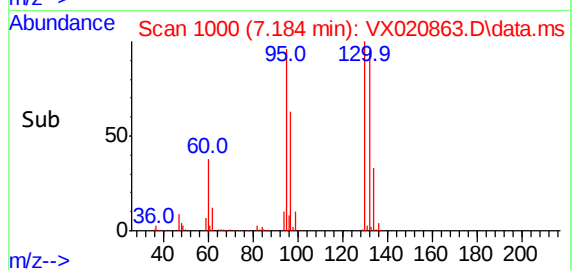
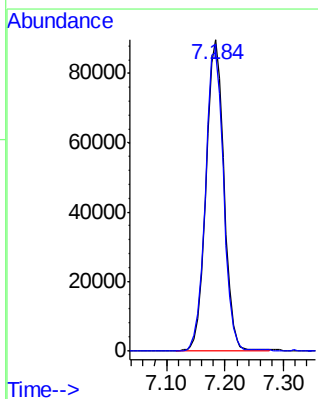
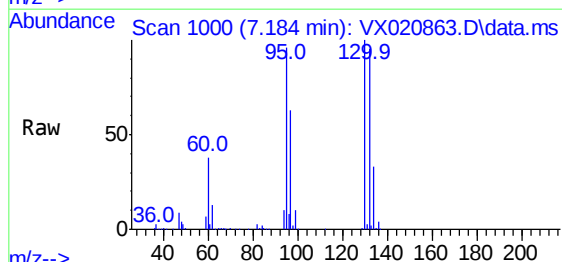
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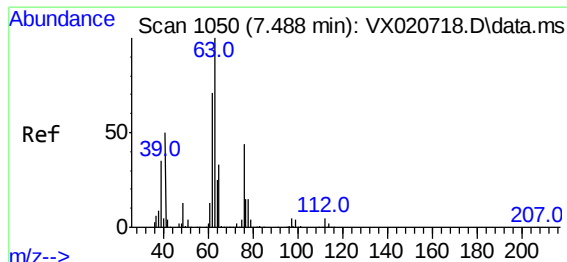
MMDadoda  
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#44  
Trichloroethene  
Concen: 50.19 ug/l  
RT: 7.184 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:130 Resp: 188247  
Ion Ratio Lower Upper  
130 100  
95 95.8 0.0 198.0



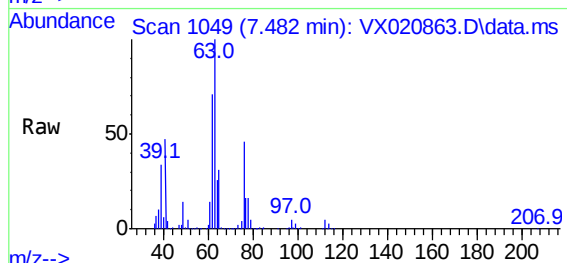


#45  
1,2-Dichloropropane  
Concen: 48.56 ug/l  
RT: 7.482 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

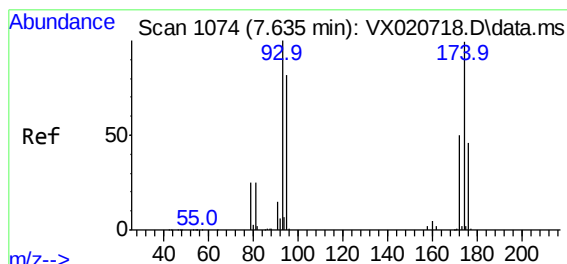
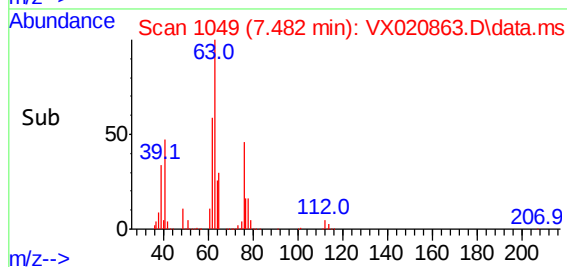
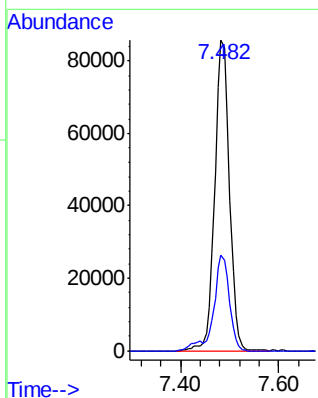
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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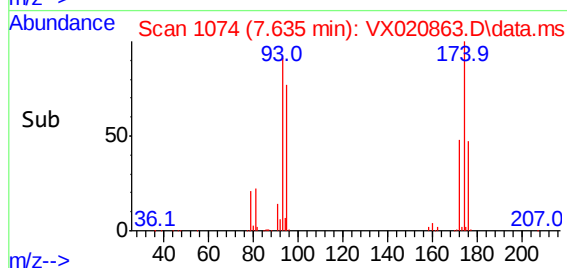
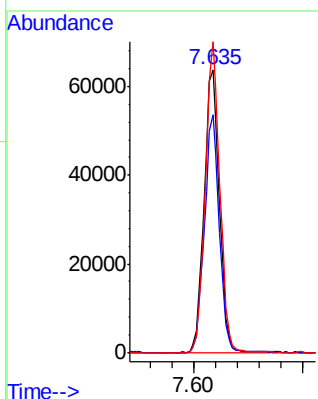
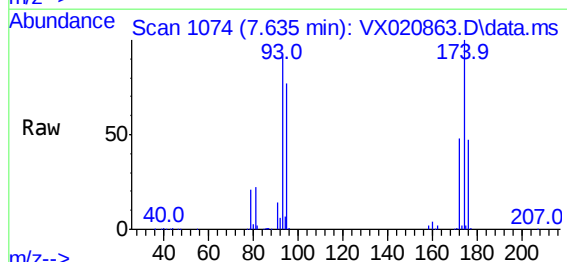


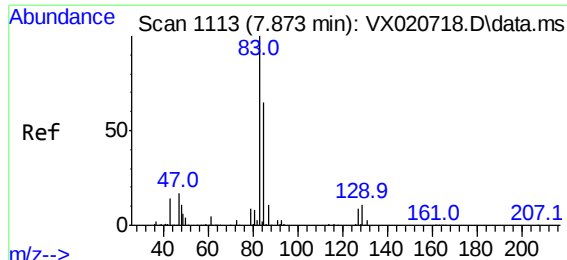
Tgt Ion: 63 Resp: 178378  
Ion Ratio Lower Upper  
63 100  
65 30.8 25.7 38.5



#46  
Dibromomethane  
Concen: 50.13 ug/l  
RT: 7.635 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 93 Resp: 123614  
Ion Ratio Lower Upper  
93 100  
95 82.1 66.8 100.2  
174 105.0 83.1 124.7





#47

Bromodichloromethane

Concen: 50.52 ug/l

RT: 7.873 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VX020863.D

Acq: 05 Feb 2021 11:08

Tgt Ion: 83 Resp: 263188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.4  | 51.4  | 77.0  |
| 127 | 8.9   | 6.8   | 10.2  |

Instrument :

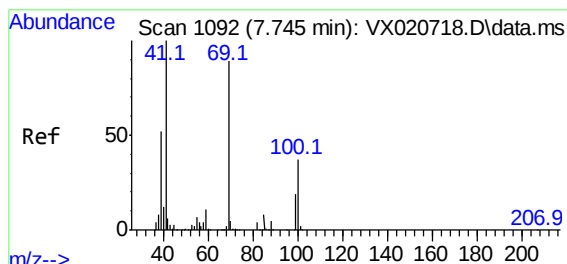
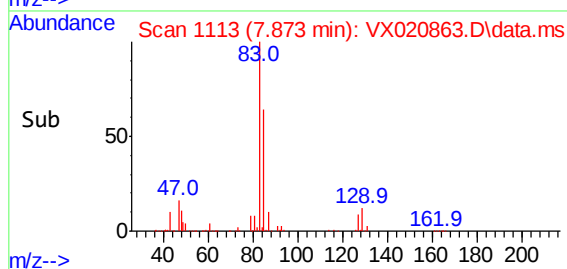
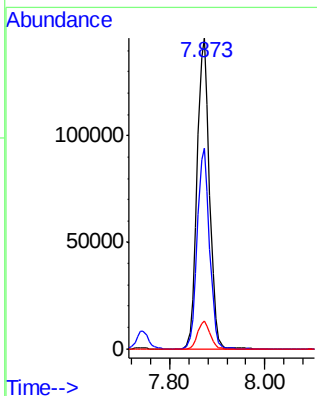
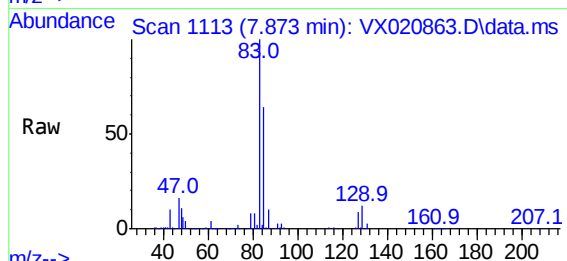
MSVOA\_X

ClientSampleId :

VSTDCCC050

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#48

Methyl methacrylate

Concen: 48.71 ug/l

RT: 7.745 min Scan# 1092

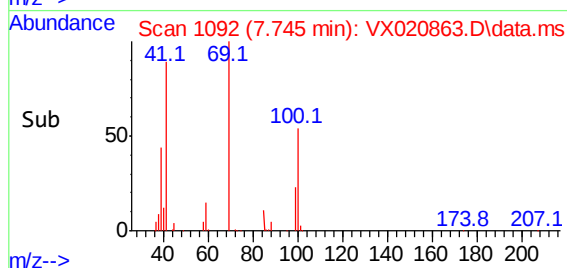
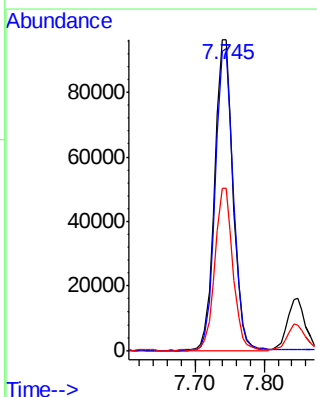
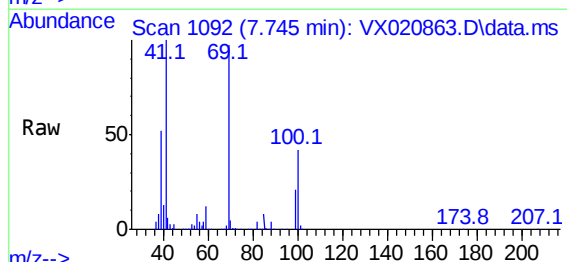
Delta R.T. -0.000 min

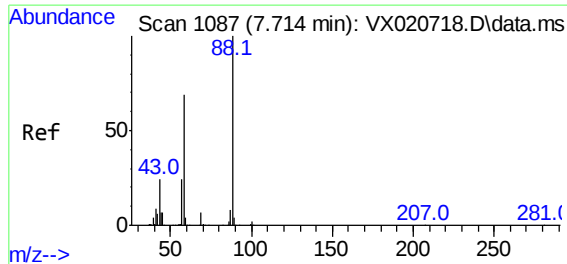
Lab File: VX020863.D

Acq: 05 Feb 2021 11:08

Tgt Ion: 41 Resp: 178025

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 96.2  | 76.0  | 114.0 |
| 39  | 51.4  | 44.6  | 67.0  |





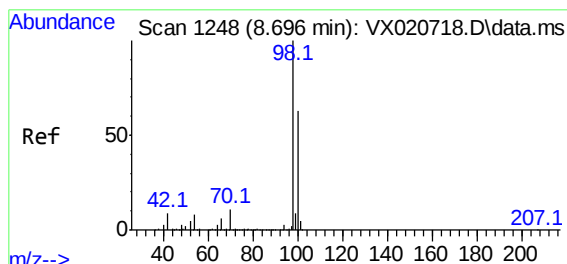
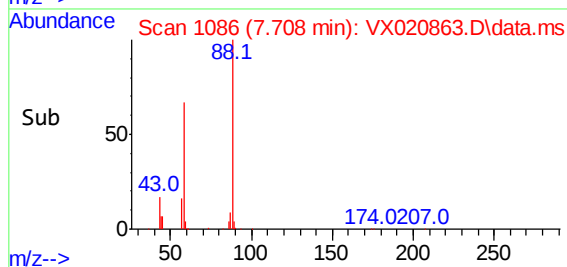
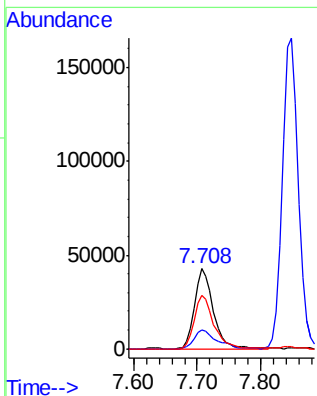
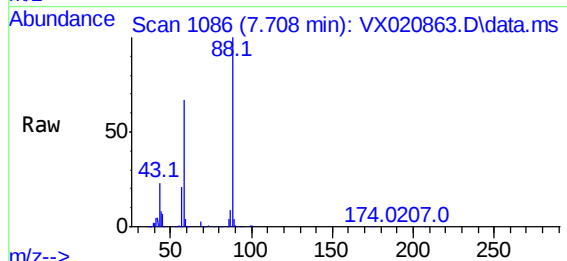
#49  
1,4-Dioxane  
Concen: 1000.12 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 88 Resp: 85727  
Ion Ratio Lower Upper  
88 100  
43 28.5 23.2 34.8  
58 70.0 55.0 82.4

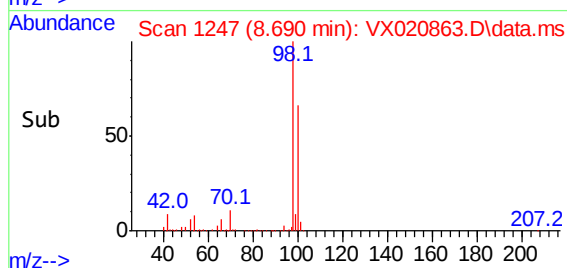
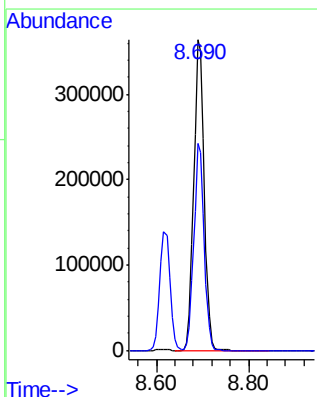
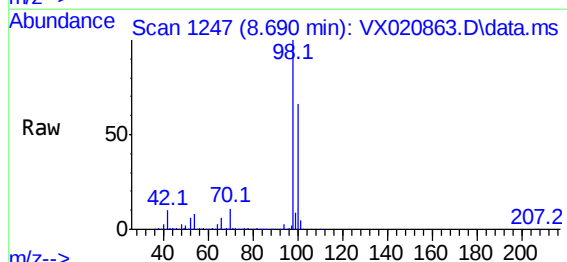
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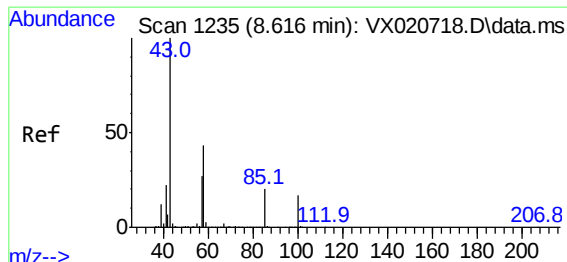
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#50  
Toluene-d8  
Concen: 47.96 ug/l  
RT: 8.690 min Scan# 1247  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 98 Resp: 574246  
Ion Ratio Lower Upper  
98 100  
100 65.5 51.9 77.9



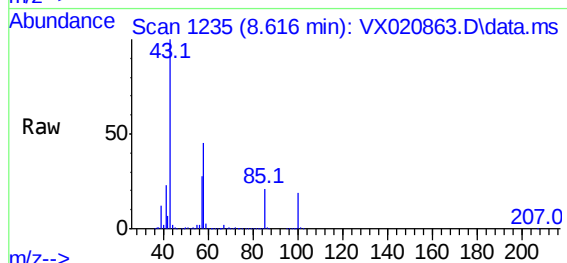


#51  
4-Methyl-2-Pentanone  
Concen: 246.05 ug/l  
RT: 8.616 min Scan# 1235  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

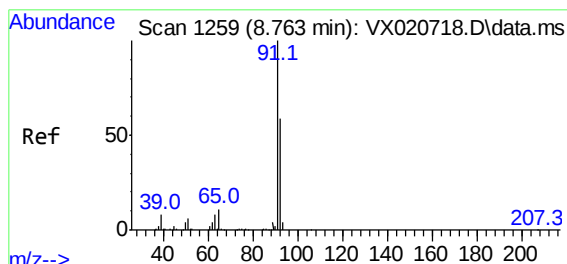
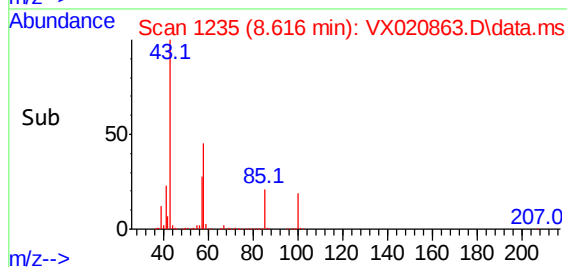
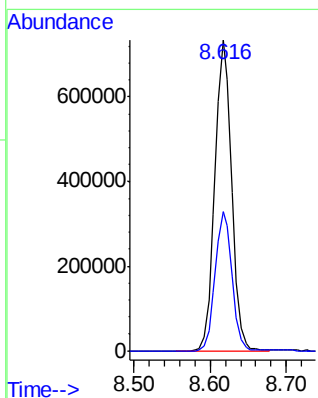
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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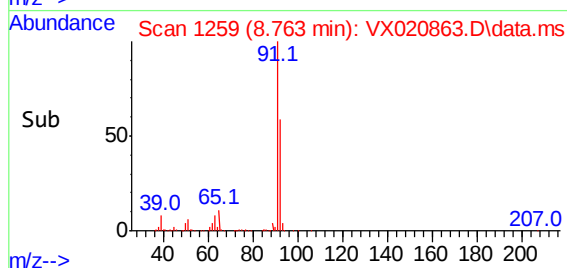
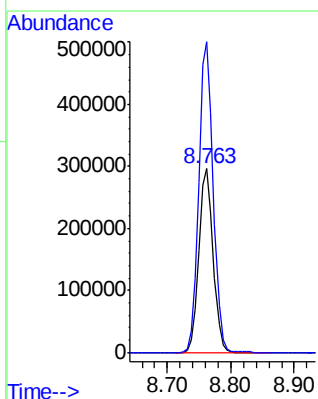
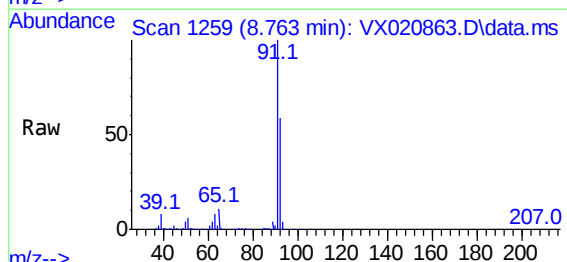


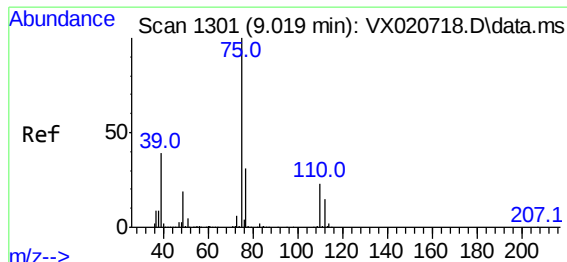
Tgt Ion: 43 Resp: 1123183  
Ion Ratio Lower Upper  
43 100  
58 44.8 35.4 53.0



#52  
Toluene  
Concen: 50.91 ug/l  
RT: 8.763 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 92 Resp: 451142  
Ion Ratio Lower Upper  
92 100  
91 170.4 137.1 205.7





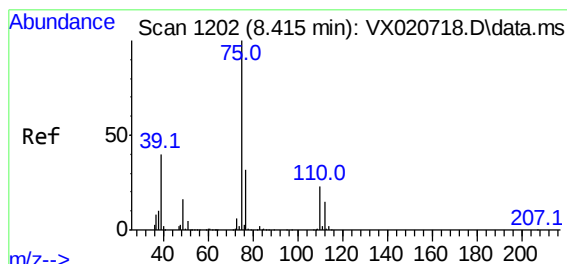
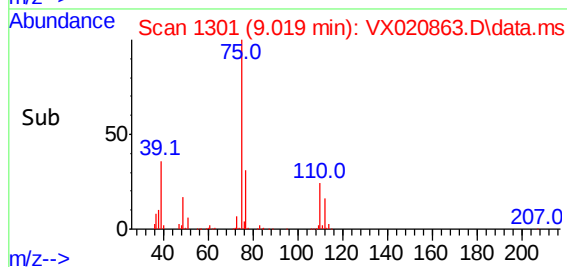
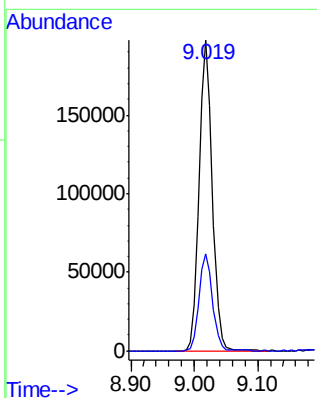
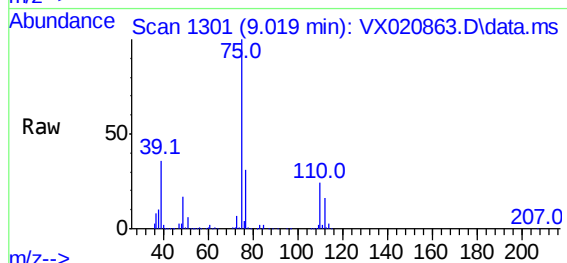
#53  
t-1,3-Dichloropropene  
Concen: 50.51 ug/l  
RT: 9.019 min Scan# 1301  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 75 Resp: 276898  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.9 37.3

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

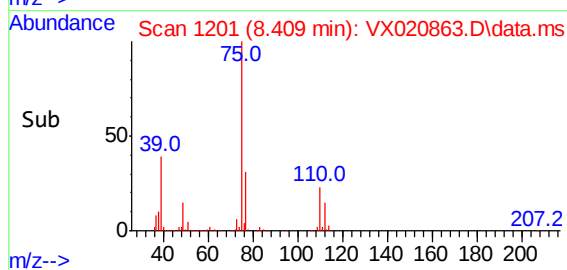
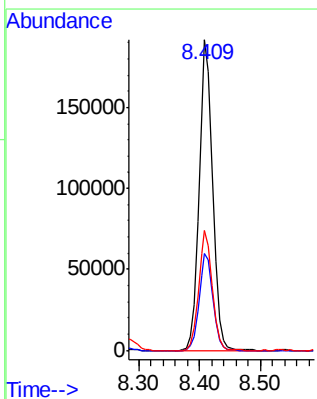
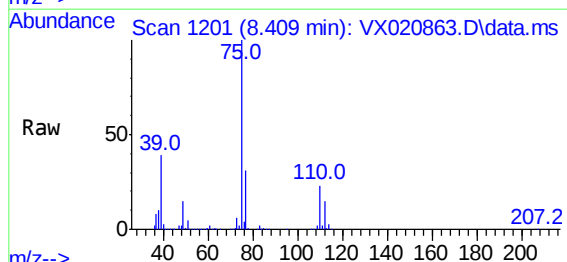
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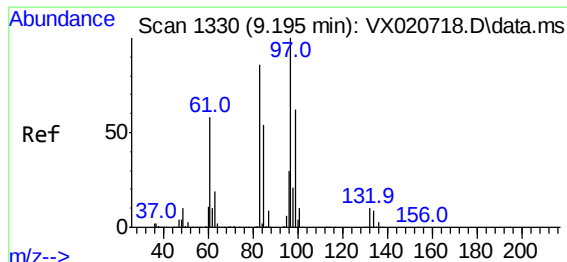
MMDadoda  
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#54  
cis-1,3-Dichloropropene  
Concen: 51.09 ug/l  
RT: 8.409 min Scan# 1201  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 75 Resp: 302003  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.7 38.5  
39 38.7 35.1 52.7





#55  
1,1,2-Trichloroethane  
Concen: 51.39 ug/l  
RT: 9.189 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

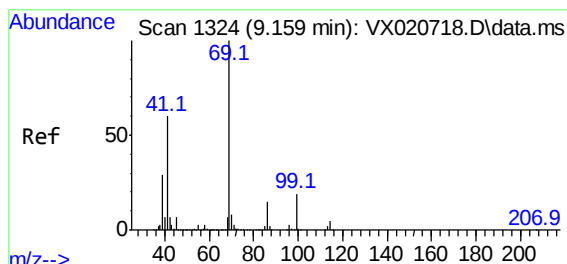
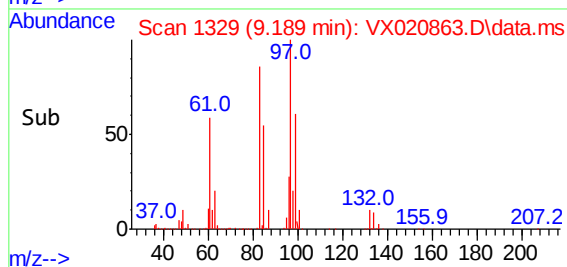
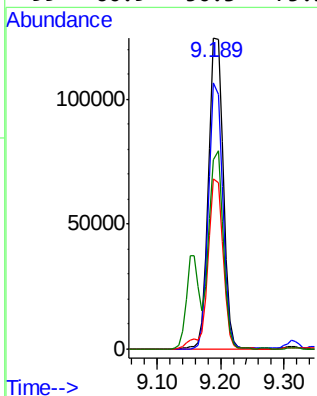
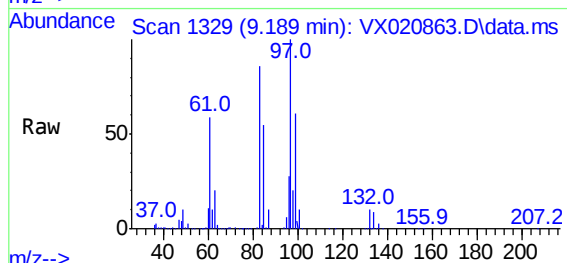
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 189104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.7  | 69.3  | 103.9 |
| 85  | 54.8  | 44.3  | 66.5  |
| 99  | 60.9  | 50.3  | 75.5  |

Manual Integrations  
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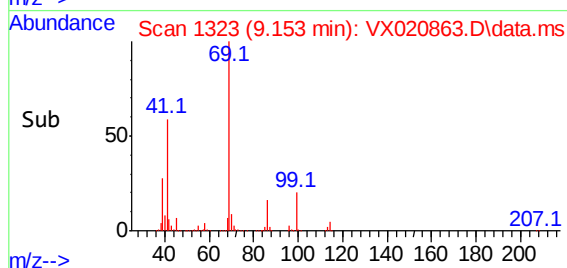
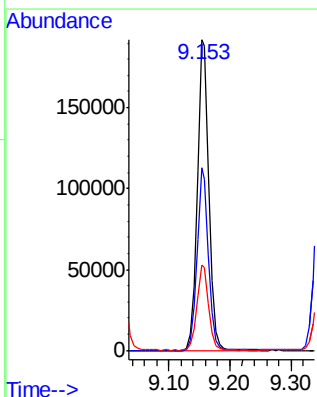
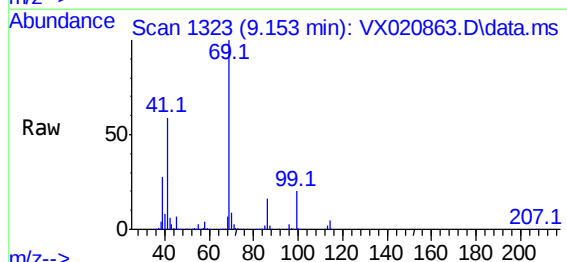
MMDadoda  
2/8/2021 11:33:45 AM

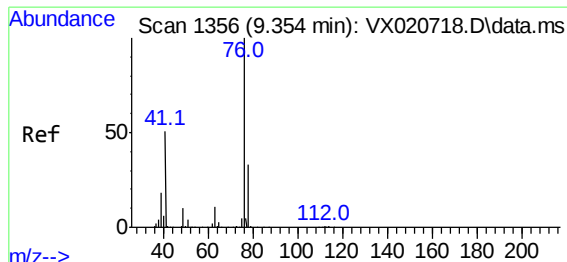


#56  
Ethyl methacrylate  
Concen: 44.94 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 69 Resp: 262904

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 58.1  | 46.8  | 70.2  |
| 39  | 28.0  | 24.7  | 37.1  |





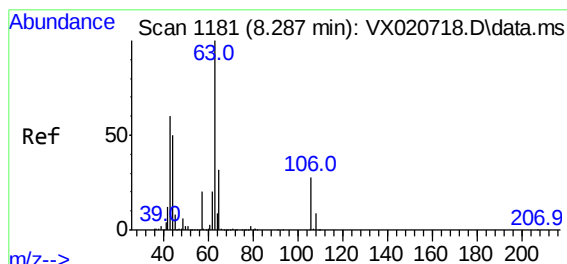
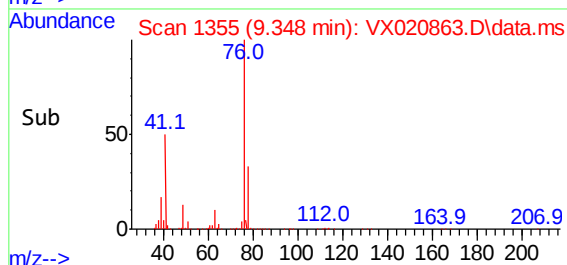
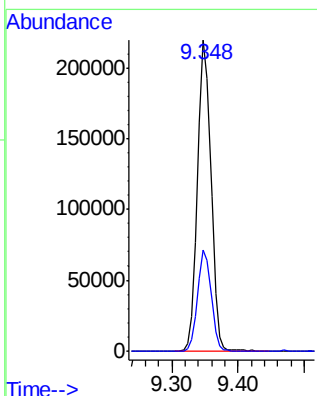
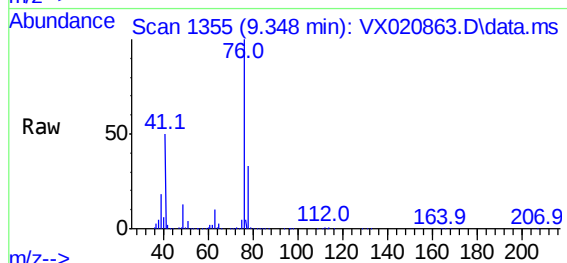
#57  
1,3-Dichloropropane  
Concen: 50.15 ug/l  
RT: 9.348 min Scan# 1355  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 76 Resp: 309588  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.2 39.2

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

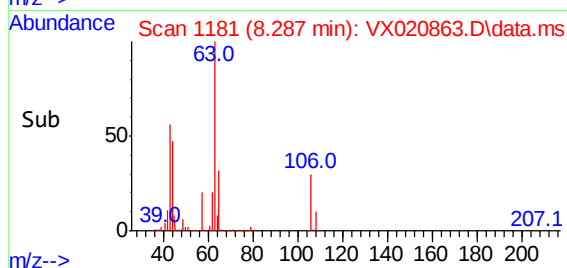
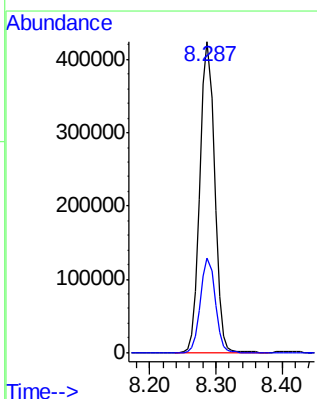
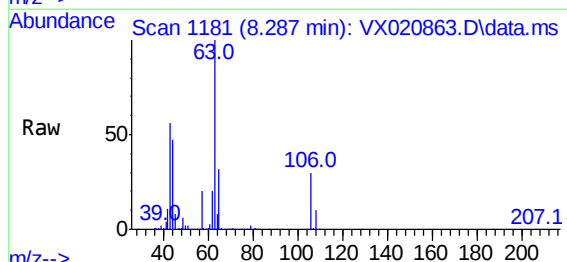
Manual Integrations  
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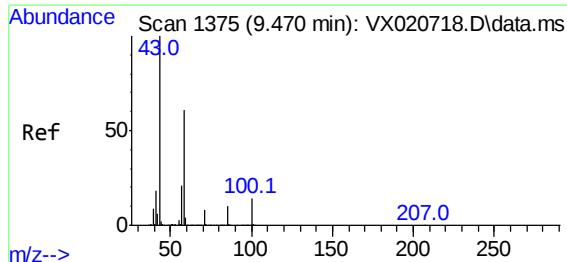
MMDadoda  
2/8/2021 11:33:45 AM



#58  
2-Chloroethyl Vinyl ether  
Concen: 253.42 ug/l  
RT: 8.287 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 63 Resp: 645248  
Ion Ratio Lower Upper  
63 100  
106 30.4 23.5 35.3





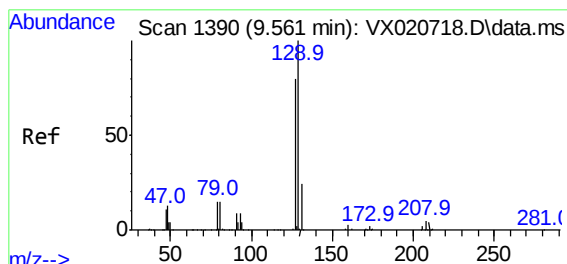
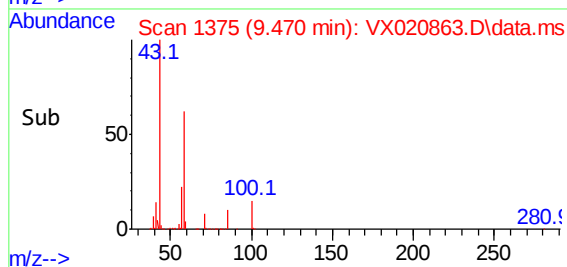
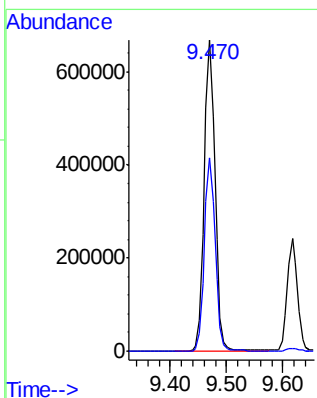
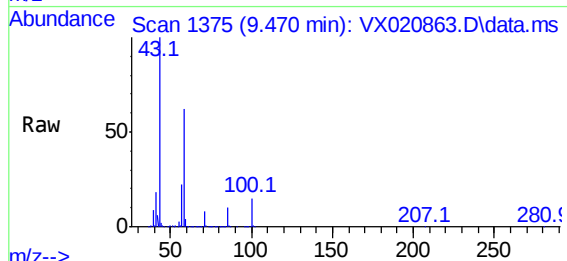
#59  
2-Hexanone  
Concen: 255.79 ug/l  
RT: 9.470 min Scan# 1375  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 869244  
Ion Ratio Lower Upper  
43 100  
58 62.2 30.9 92.8

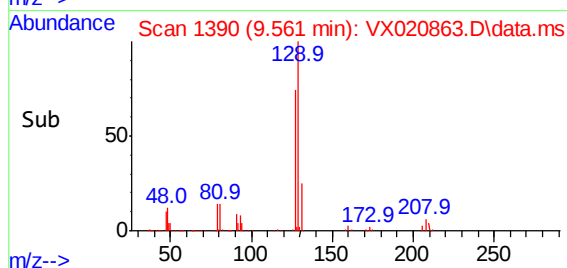
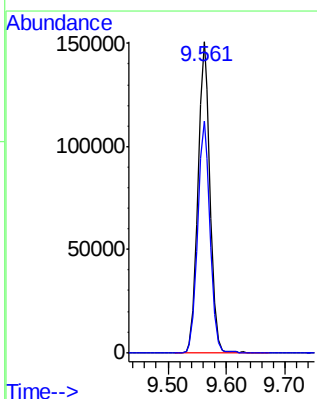
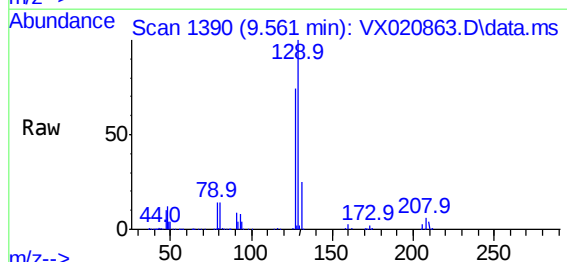
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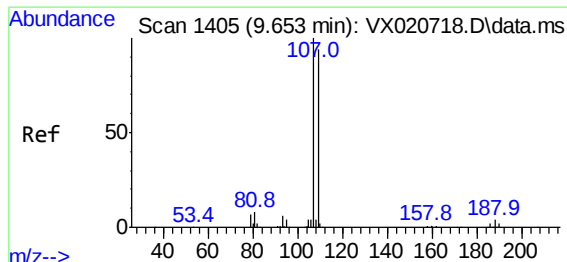
MMDadoda  
2/8/2021 11:33:45 AM



#60  
Dibromochloromethane  
Concen: 52.66 ug/l  
RT: 9.561 min Scan# 1390  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 129 Resp: 214246  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.4 115.2



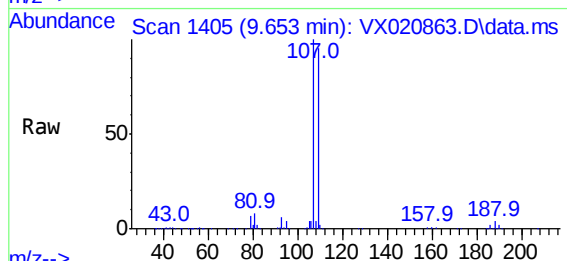


#61  
1,2-Dibromoethane  
Concen: 51.34 ug/l  
RT: 9.653 min Scan# 1405  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

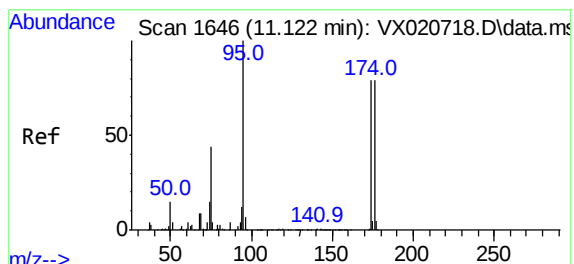
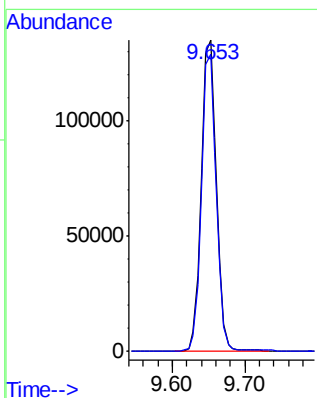
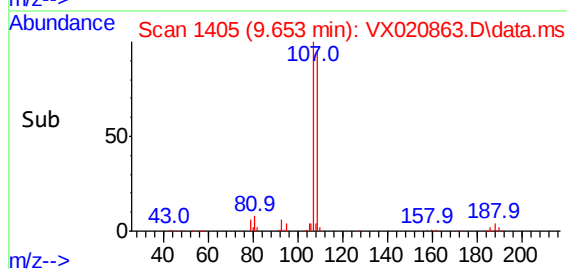
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

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2/8/2021 11:33:45 AM

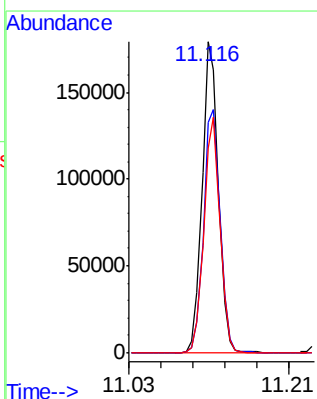
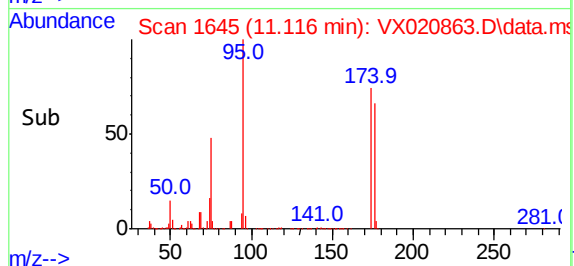
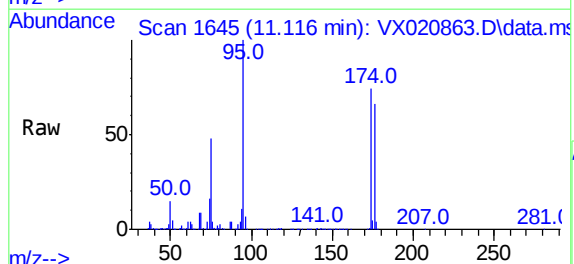


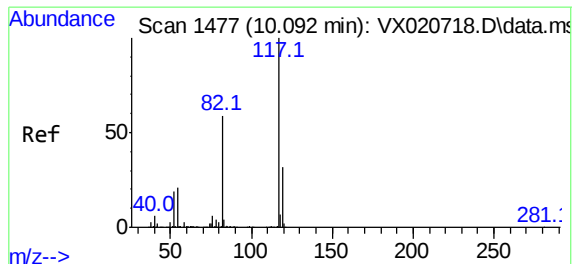
Tgt Ion:107 Resp: 195511  
Ion Ratio Lower Upper  
107 100  
109 94.1 75.8 113.6



#62  
4-Bromofluorobenzene  
Concen: 48.59 ug/l  
RT: 11.116 min Scan# 1645  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

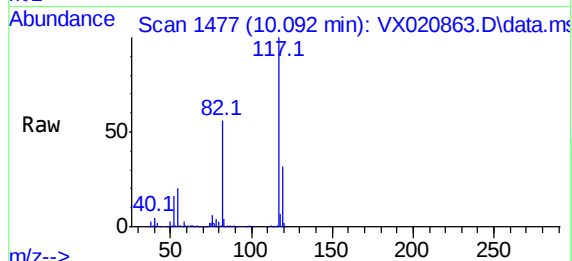
Tgt Ion: 95 Resp: 225963  
Ion Ratio Lower Upper  
95 100  
174 80.1 0.0 154.6  
176 75.5 0.0 155.8





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.092 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

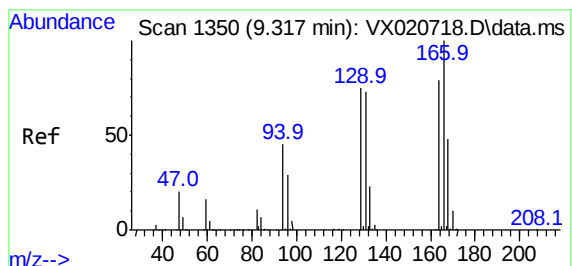
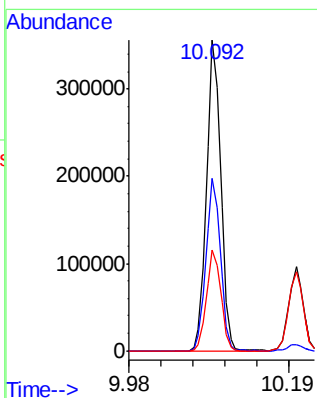
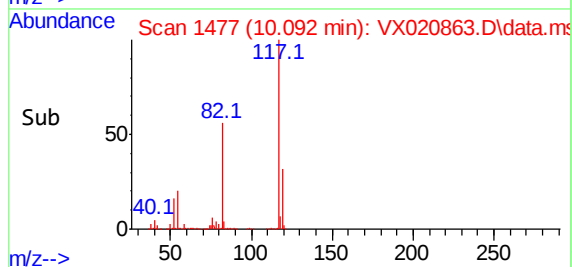
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



Tgt Ion:117 Resp: 458816  
Ion Ratio Lower Upper  
117 100  
82 55.7 47.4 71.2  
119 32.3 26.6 39.8

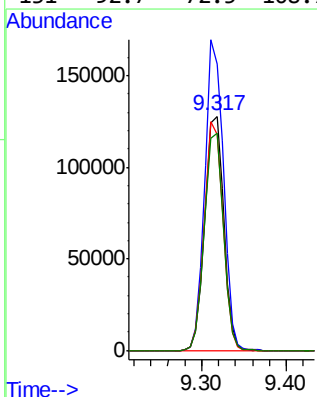
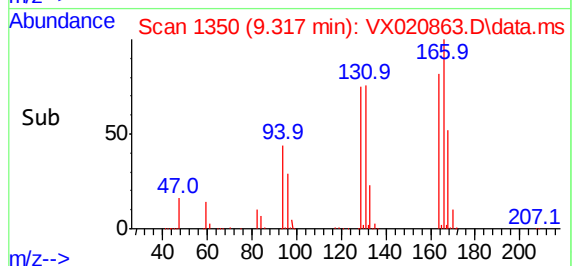
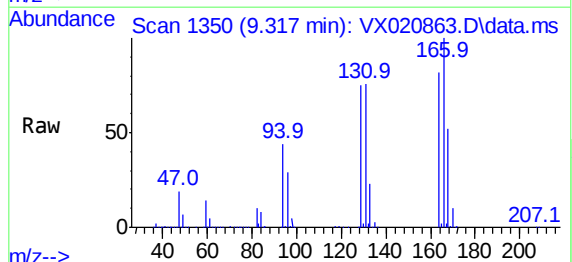
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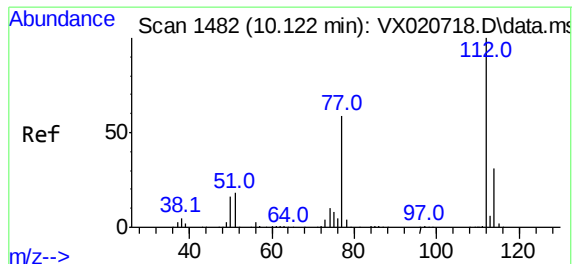
MMDadoda  
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#64  
Tetrachloroethene  
Concen: 54.02 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:164 Resp: 190014  
Ion Ratio Lower Upper  
164 100  
166 122.5 103.4 155.2  
129 92.0 70.8 106.2  
131 92.7 72.5 108.7





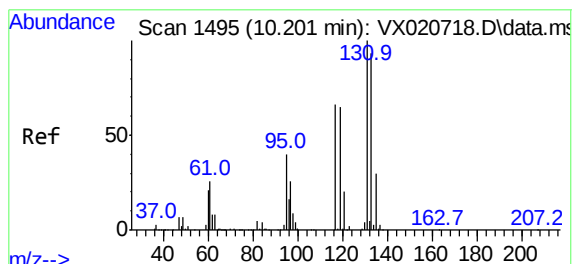
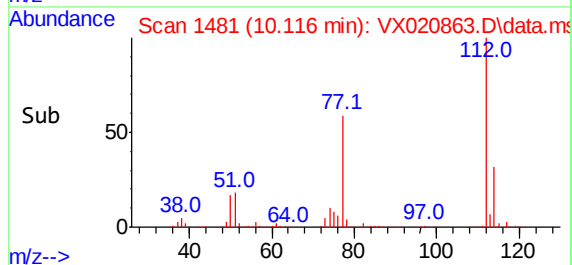
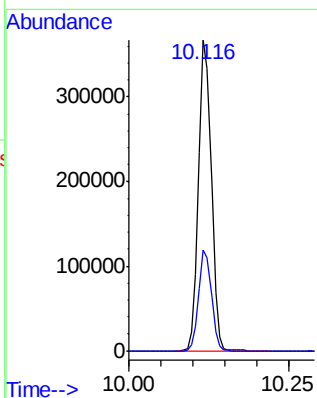
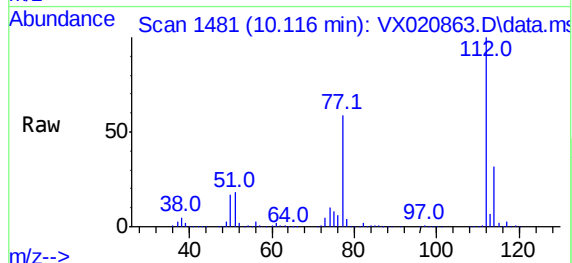
#65  
Chlorobenzene  
Concen: 49.36 ug/l  
RT: 10.116 min Scan# 1481  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:112 Resp: 489957  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.8 38.6

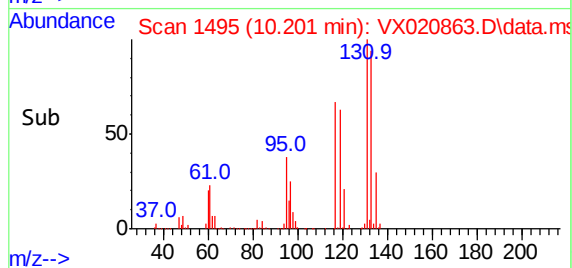
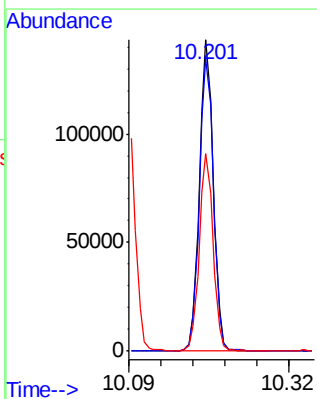
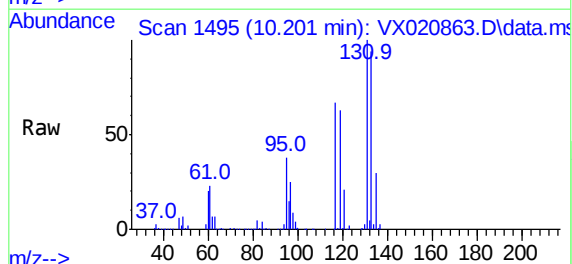
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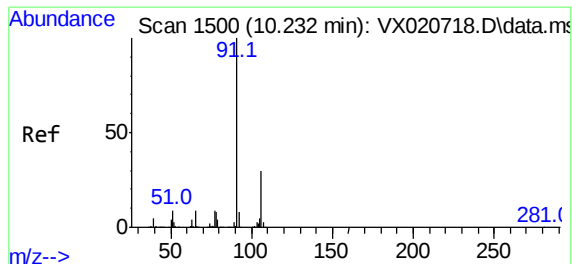
MMDadoda  
2/8/2021 11:33:45 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.03 ug/l  
RT: 10.201 min Scan# 1495  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:131 Resp: 191713  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.7 143.1  
119 63.4 32.1 96.5





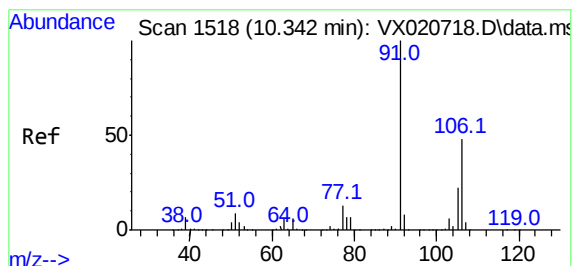
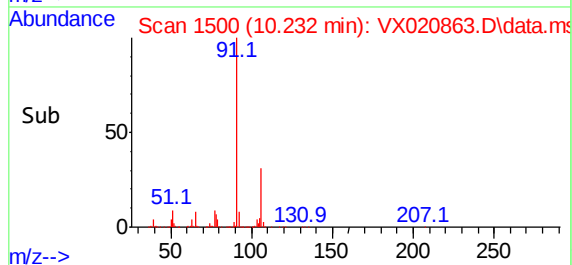
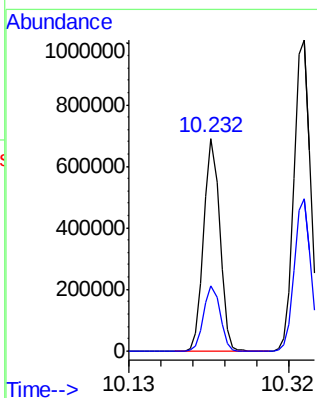
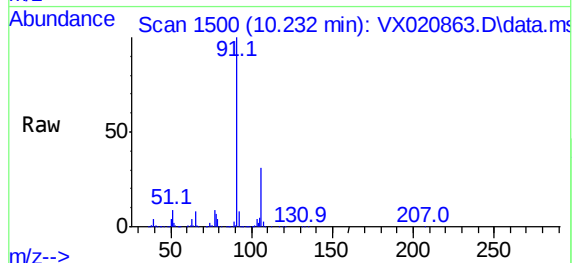
#67  
Ethyl Benzene  
Concen: 50.57 ug/l  
RT: 10.232 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 870380  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.6 37.0

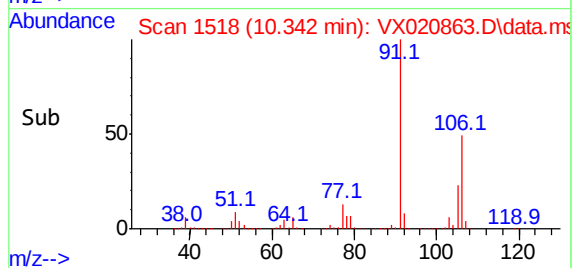
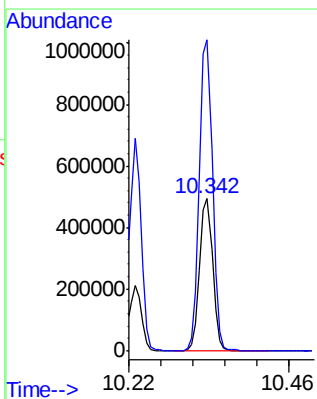
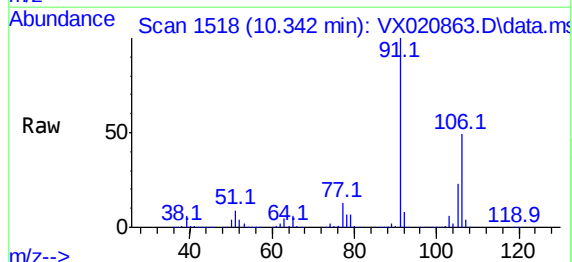
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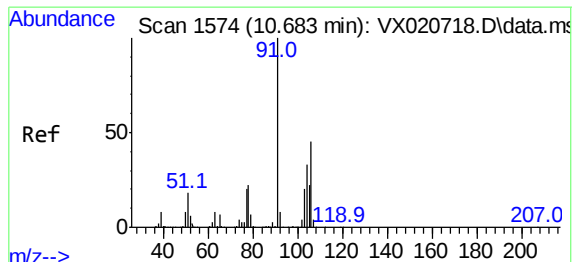
MMDadoda  
2/8/2021 11:33:45 AM



#68  
m/p-Xylenes  
Concen: 103.74 ug/l  
RT: 10.342 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 106 Resp: 665819  
Ion Ratio Lower Upper  
106 100  
91 206.7 162.8 244.2





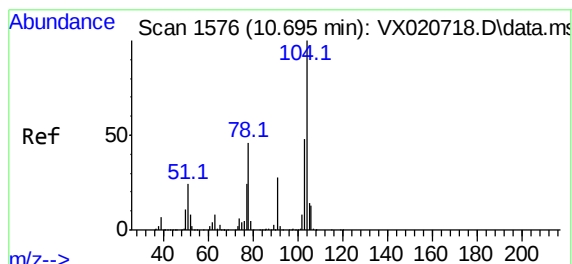
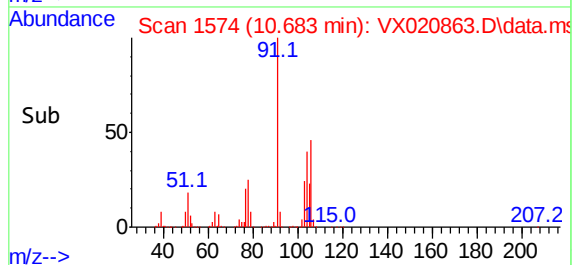
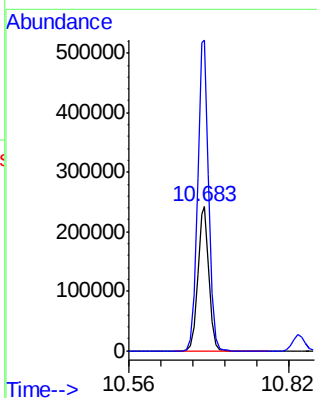
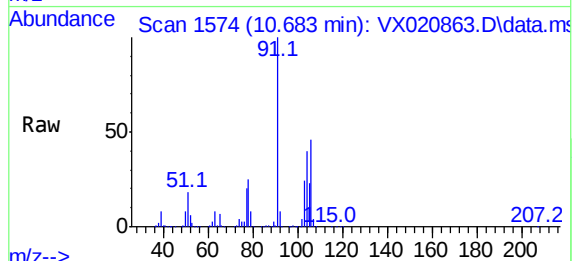
#69  
o-Xylene  
Concen: 52.01 ug/l  
RT: 10.683 min Scan# 1574  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 313963  
Ion Ratio Lower Upper  
106 100  
91 217.4 108.1 324.2

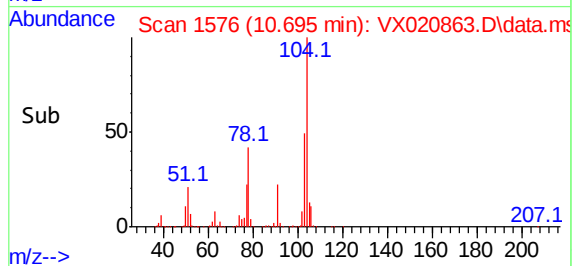
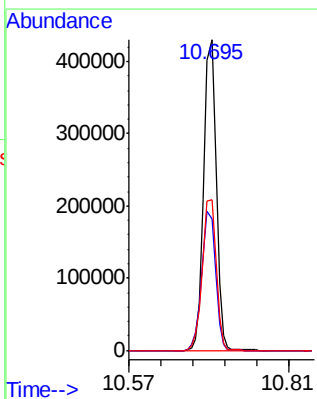
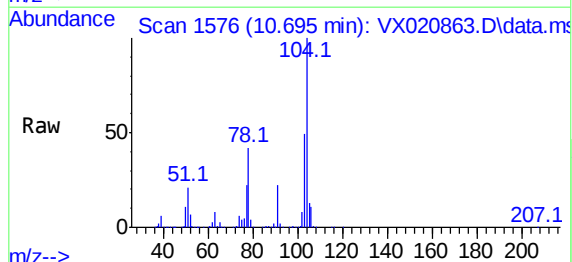
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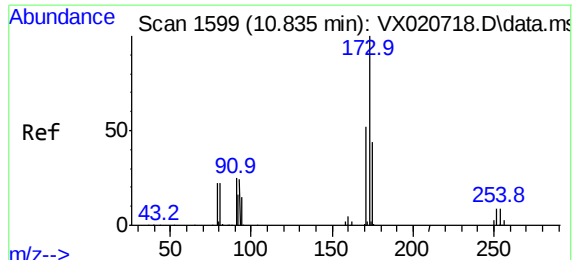
MMDadoda  
2/8/2021 11:33:45 AM



#70  
Styrene  
Concen: 53.41 ug/l  
RT: 10.695 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:104 Resp: 553579  
Ion Ratio Lower Upper  
104 100  
78 49.9 40.0 60.0  
103 54.1 43.4 65.0





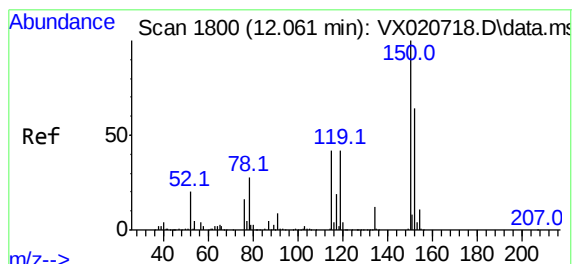
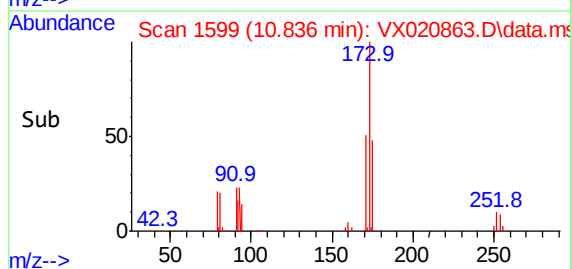
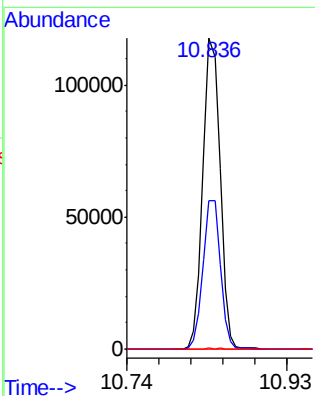
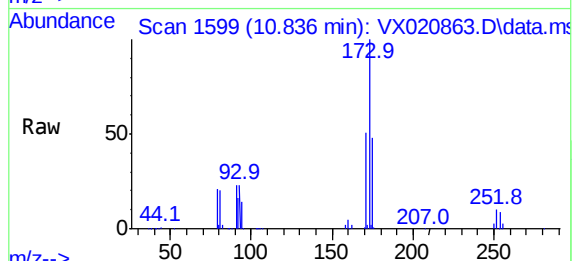
#71  
Bromoform  
Concen: 53.97 ug/l  
RT: 10.836 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 159651  
Ion Ratio Lower Upper  
173 100  
175 48.1 23.9 71.8  
254 0.1 0.1 0.1

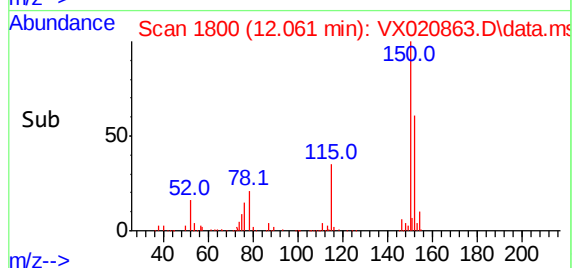
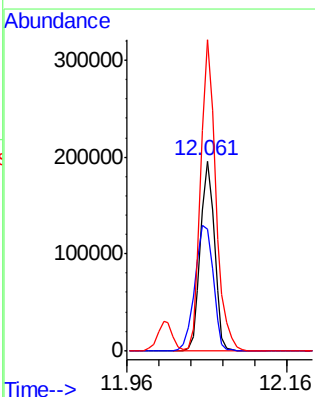
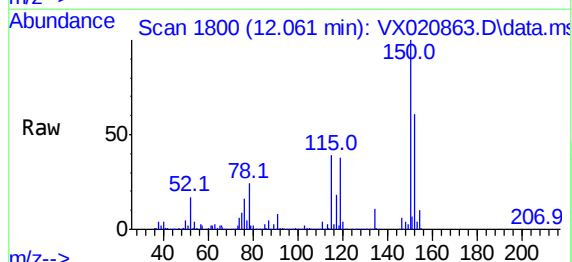
Manual Integrations  
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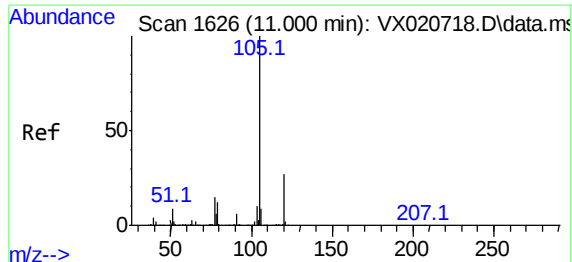
MMDadoda  
2/8/2021 11:33:45 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.061 min Scan# 1800  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:152 Resp: 235446  
Ion Ratio Lower Upper  
152 100  
115 87.0 41.1 123.3  
150 176.2 0.0 349.0





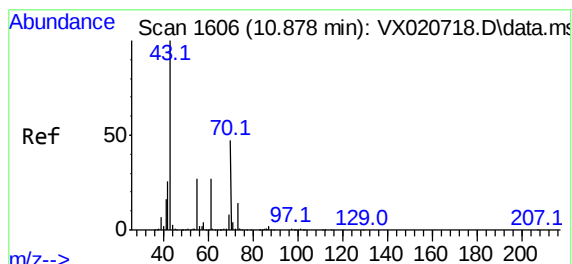
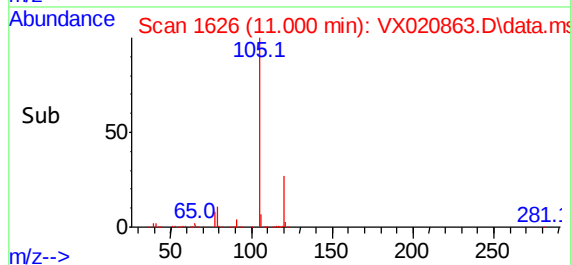
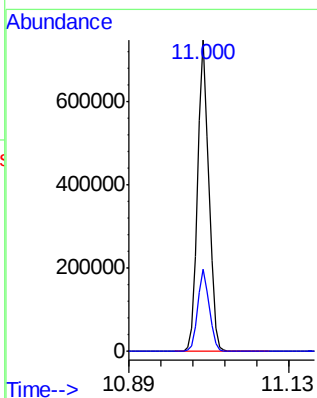
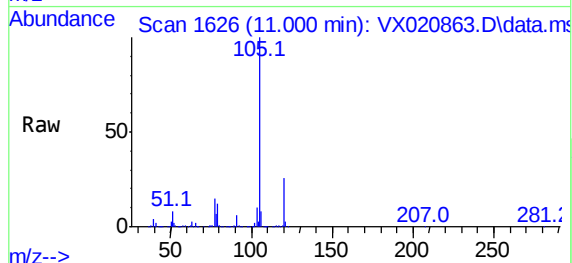
#73  
Isopropylbenzene  
Concen: 51.42 ug/l  
RT: 11.000 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 105 Resp: 875020  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.6

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

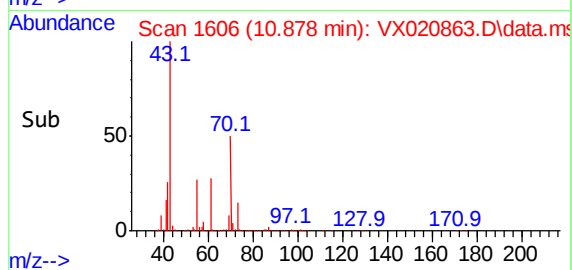
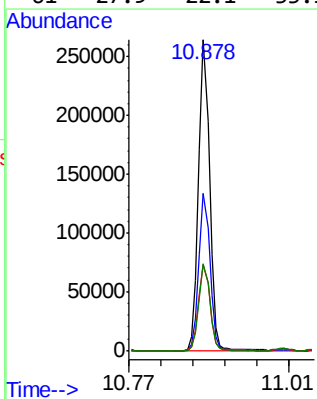
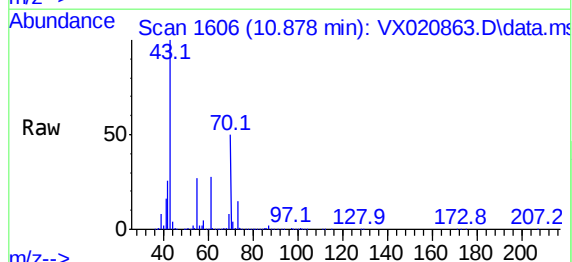
Manual Integrations  
APPROVED

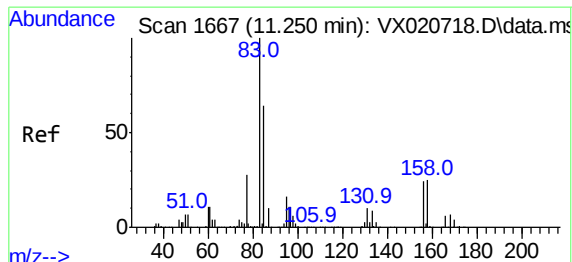
MMDadoda  
2/8/2021 11:33:45 AM



#74  
N-amyI acetate  
Concen: 42.02 ug/l  
RT: 10.878 min Scan# 1606  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 43 Resp: 298546  
Ion Ratio Lower Upper  
43 100  
70 51.0 39.0 58.6  
55 28.7 21.5 32.3  
61 27.9 22.1 33.1





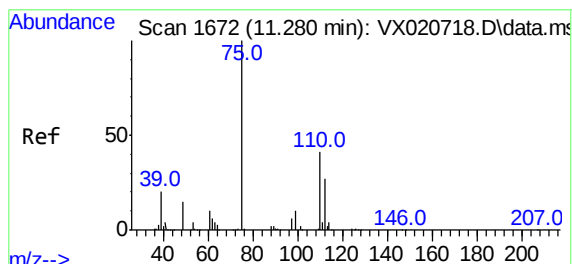
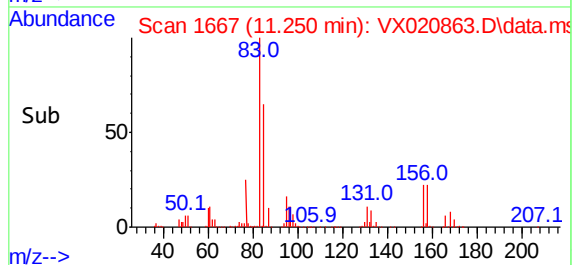
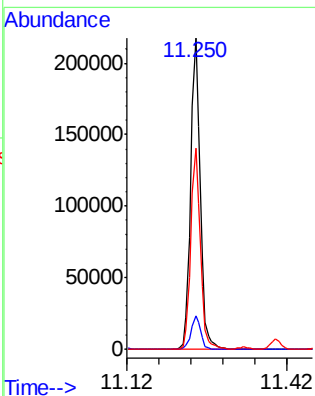
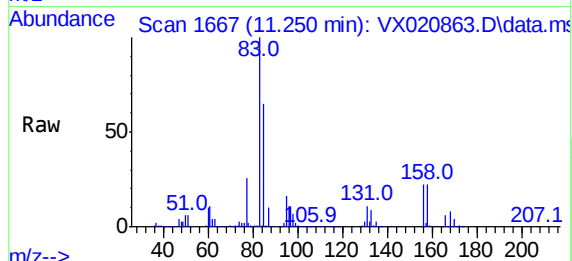
#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.86 ug/l  
RT: 11.250 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 83 Resp: 274387  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.1 15.2  
85 65.0 31.8 95.4

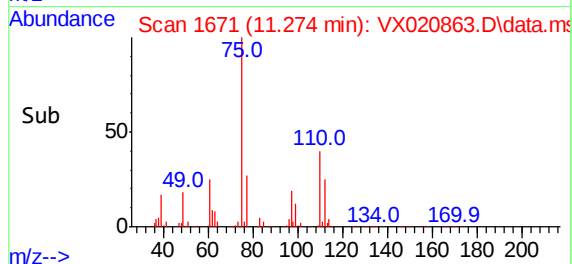
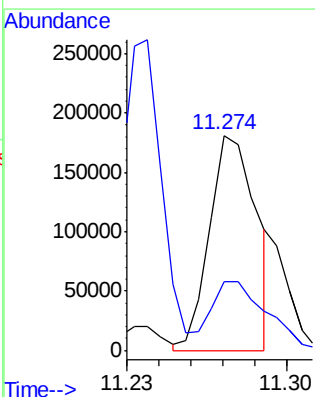
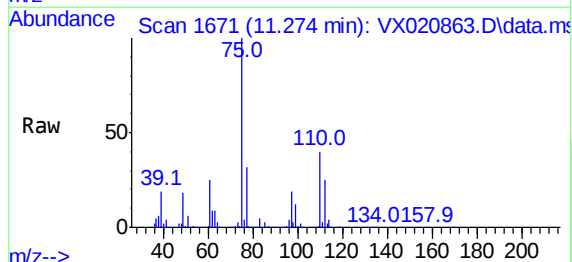
Manual Integrations  
APPROVED

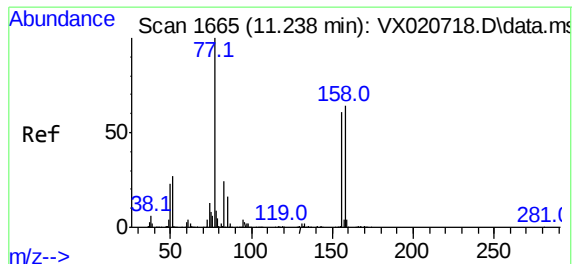
MMDadoda  
2/8/2021 11:33:45 AM



#76  
1,2,3-Trichloropropane  
Concen: 50.20 ug/l m  
RT: 11.274 min Scan# 1671  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 75 Resp: 274102  
Ion Ratio Lower Upper  
75 100  
77 37.2 19.1 57.5





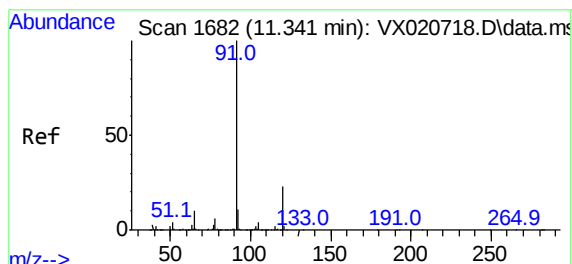
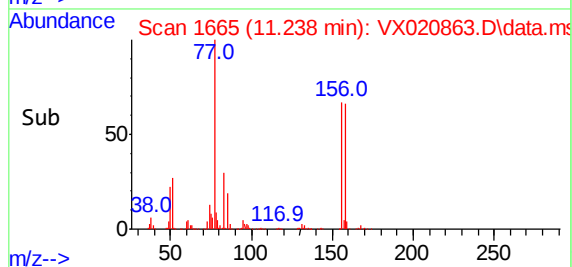
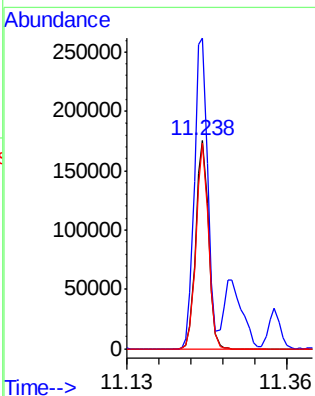
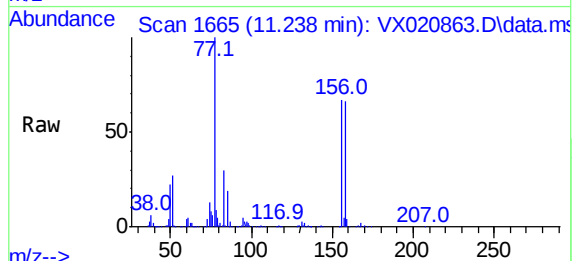
#77  
Bromobenzene  
Concen: 51.28 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:156 Resp: 220855  
Ion Ratio Lower Upper  
156 100  
77 156.1 82.8 248.6  
158 96.1 49.1 147.4

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

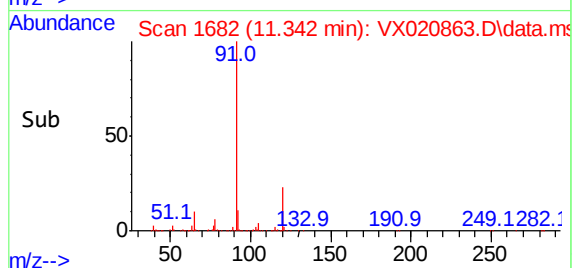
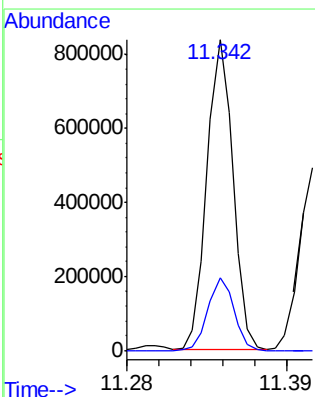
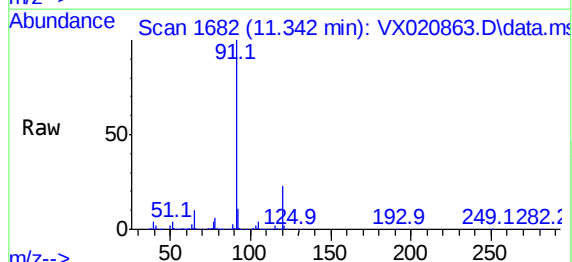
Manual Integrations  
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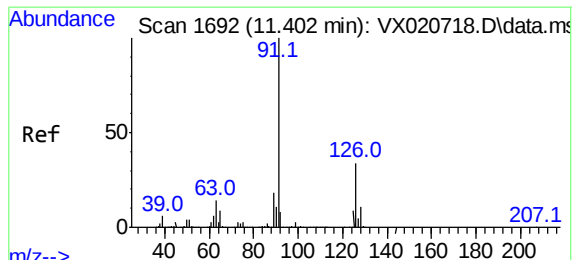
MMDadoda  
2/8/2021 11:33:45 AM



#78  
n-propylbenzene  
Concen: 50.63 ug/l  
RT: 11.342 min Scan# 1682  
Delta R.T. 0.001 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 91 Resp: 994789  
Ion Ratio Lower Upper  
91 100  
120 23.4 11.5 34.5





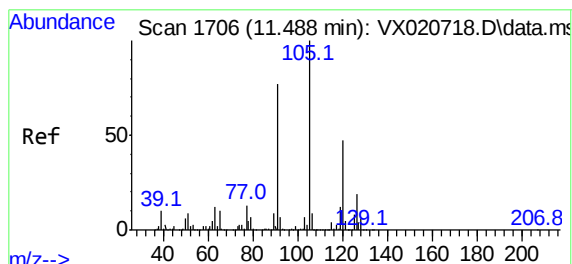
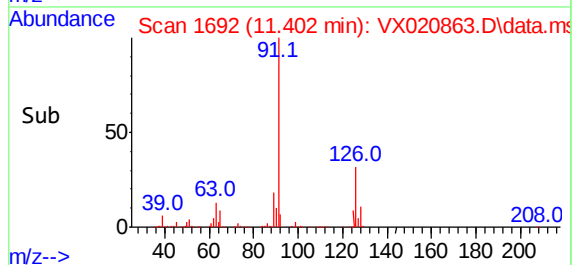
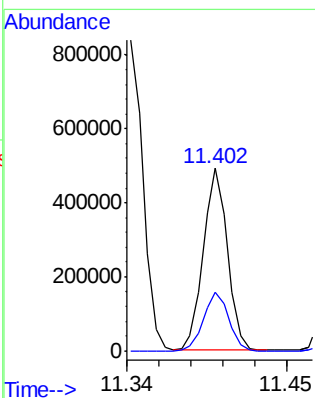
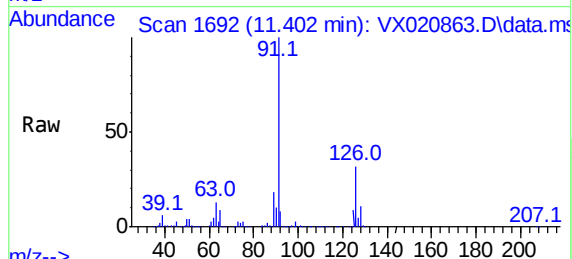
#79  
2-Chlorotoluene  
Concen: 49.96 ug/l  
RT: 11.402 min Scan# 1692  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 91 Resp: 599590  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.6 49.8

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

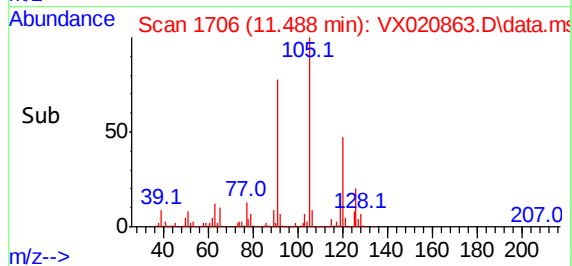
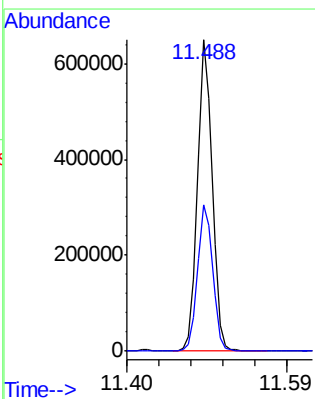
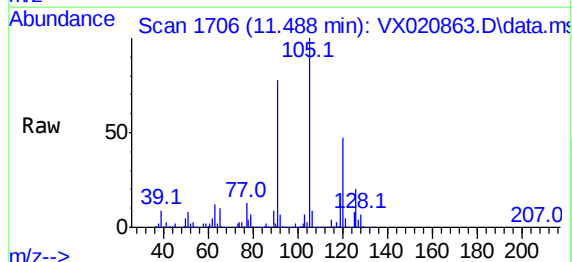
Manual Integrations  
APPROVED

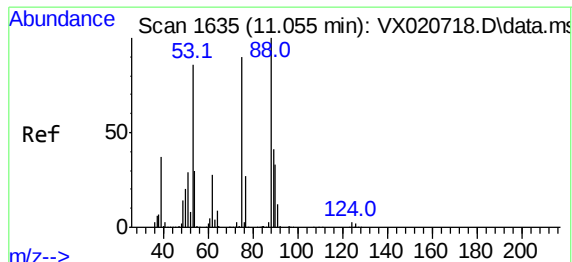
MMDadoda  
2/8/2021 11:33:45 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 51.75 ug/l  
RT: 11.488 min Scan# 1706  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 105 Resp: 752684  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.8 71.5





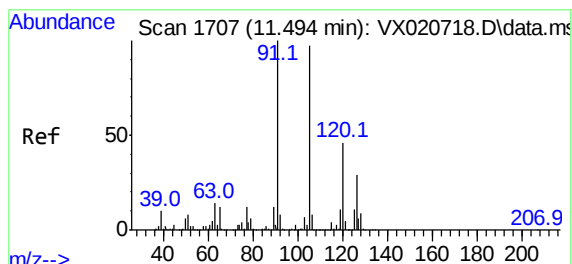
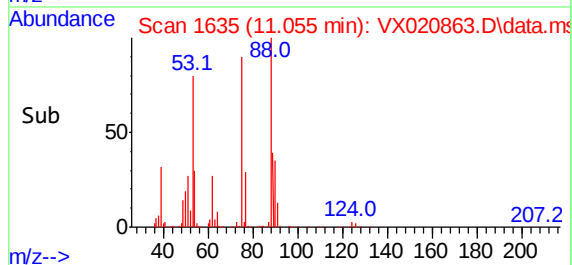
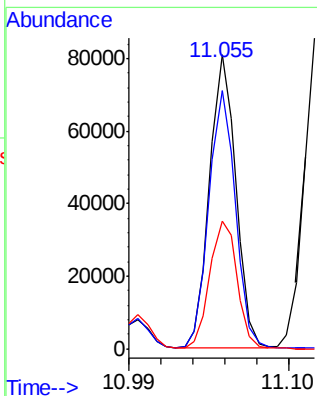
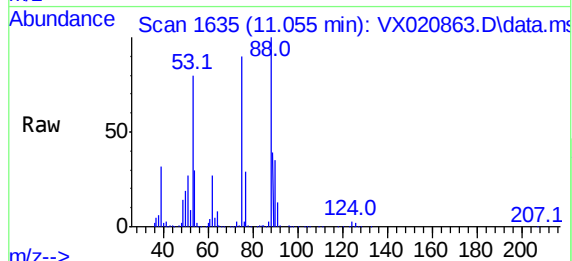
#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.97 ug/l  
RT: 11.055 min Scan# 1635  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 75 Resp: 97384  
Ion Ratio Lower Upper  
75 100  
53 88.5 74.5 111.7  
89 45.3 37.9 56.9

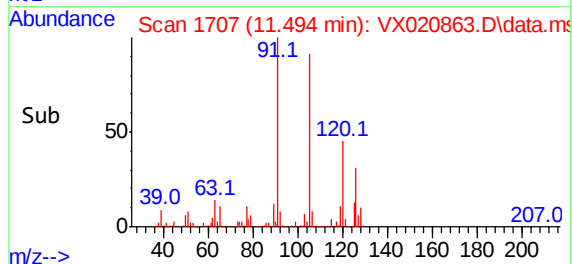
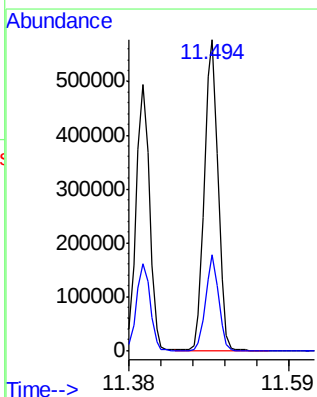
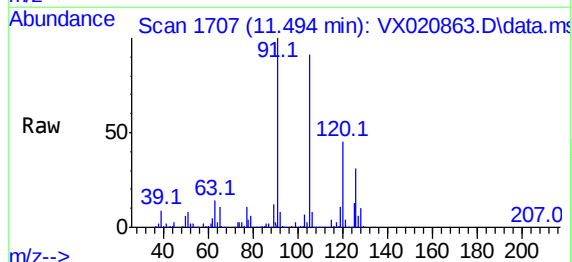
Manual Integrations  
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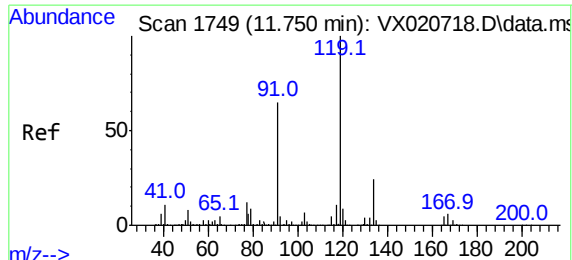
MMDadoda  
2/8/2021 11:33:45 AM



#82  
4-Chlorotoluene  
Concen: 50.09 ug/l  
RT: 11.494 min Scan# 1707  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion: 91 Resp: 711433  
Ion Ratio Lower Upper  
91 100  
126 29.0 14.9 44.5





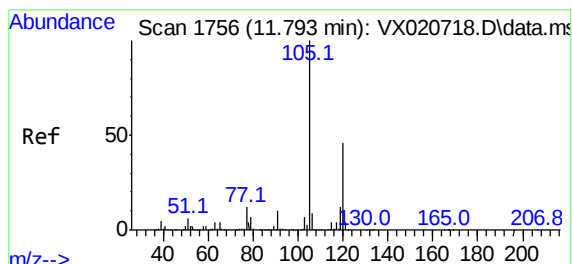
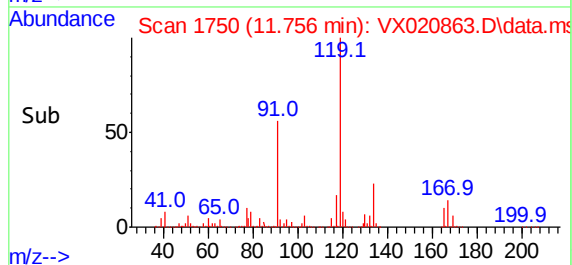
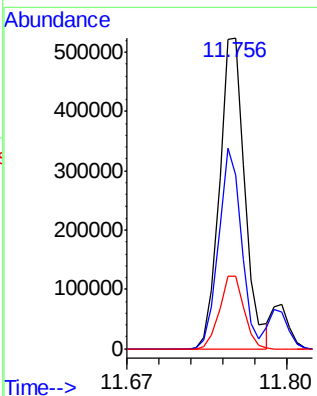
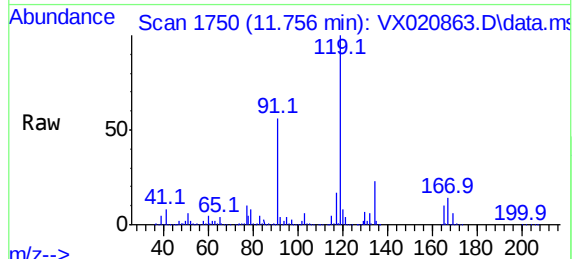
#83  
tert-Butylbenzene  
Concen: 51.11 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:119 Resp: 717855  
Ion Ratio Lower Upper  
119 100  
91 58.0 27.9 83.7  
134 22.6 11.3 33.9

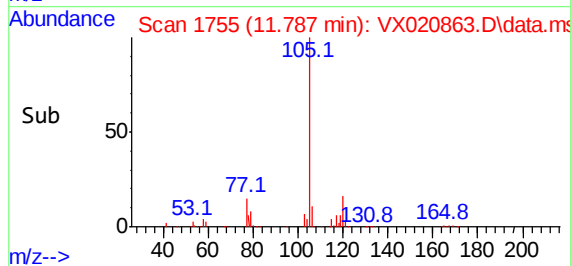
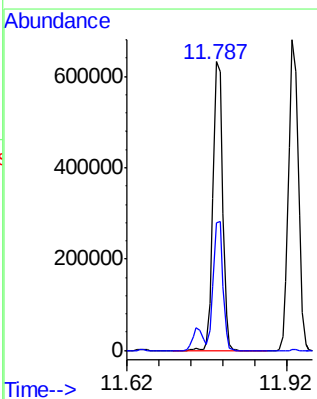
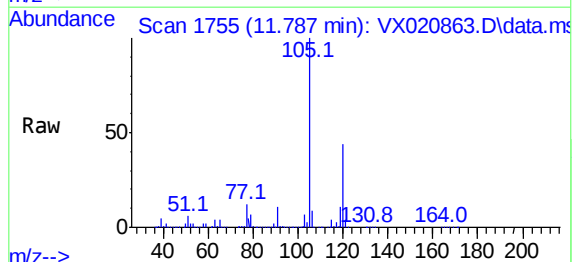
Manual Integrations  
APPROVED

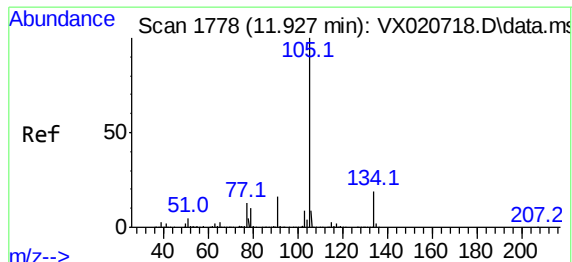
MMDadoda  
2/8/2021 11:33:45 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 52.47 ug/l  
RT: 11.787 min Scan# 1755  
Delta R.T. -0.006 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:105 Resp: 769739  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.4 67.3





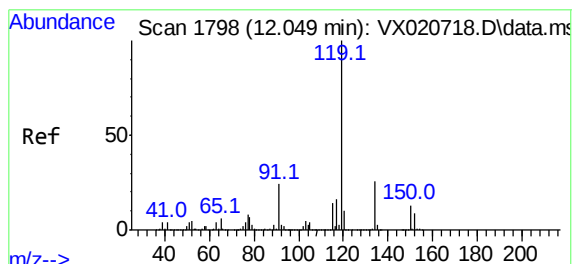
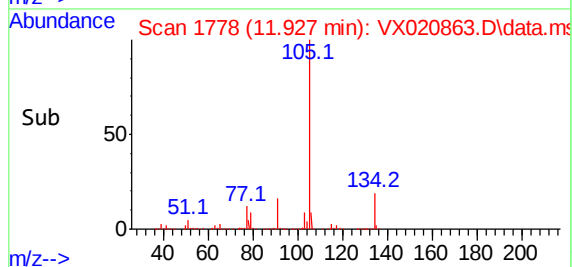
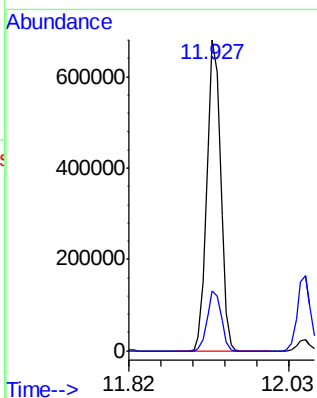
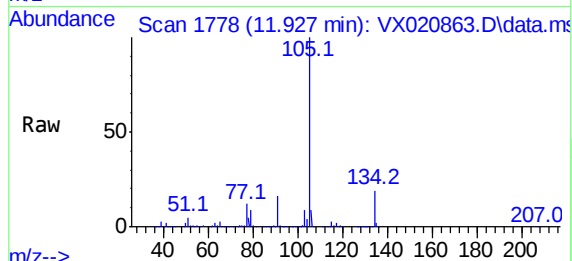
#85  
 sec-Butylbenzene  
 Concen: 52.19 ug/l  
 RT: 11.927 min Scan# 1778  
 Delta R.T. -0.000 min  
 Lab File: VX020863.D  
 Acq: 05 Feb 2021 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:105 Resp: 847248  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.0 29.8

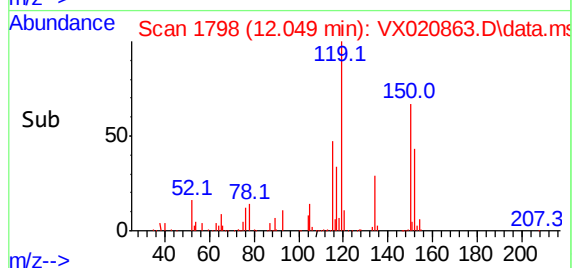
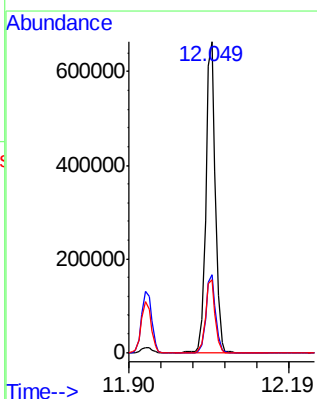
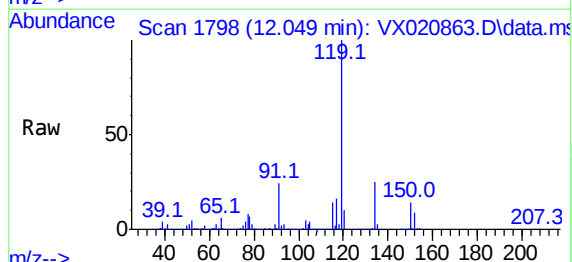
Manual Integrations  
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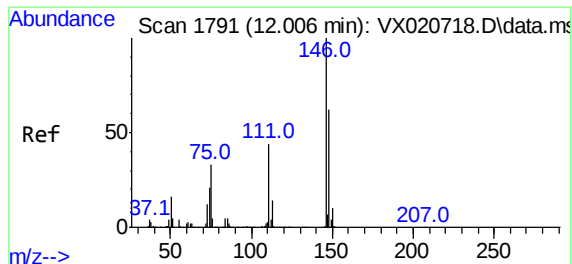
MMDadoda  
 2/8/2021 11:33:45 AM



#86  
 p-Isopropyltoluene  
 Concen: 53.06 ug/l  
 RT: 12.049 min Scan# 1798  
 Delta R.T. -0.000 min  
 Lab File: VX020863.D  
 Acq: 05 Feb 2021 11:08

Tgt Ion:119 Resp: 799452  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.9 38.7  
 91 23.6 11.7 35.0





#87  
1,3-Dichlorobenzene  
Concen: 50.15 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

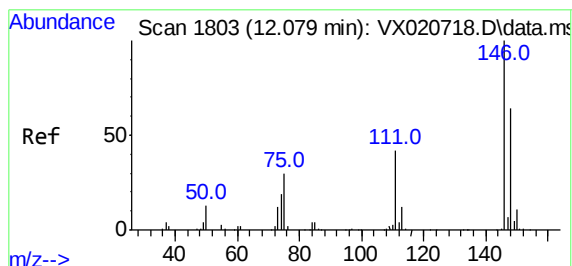
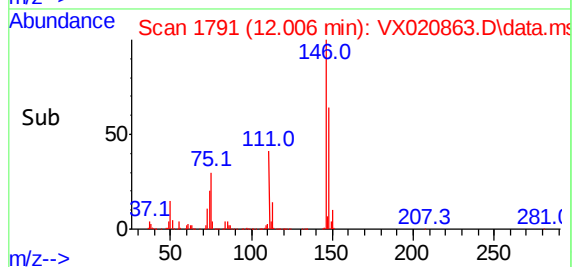
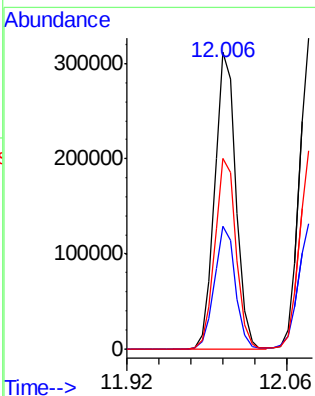
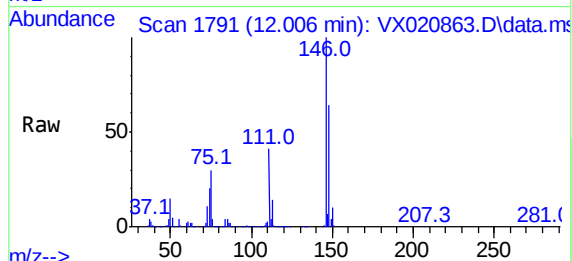
Tgt Ion:146 Resp: 393577  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.8  | 20.2  | 60.5  |
| 148 | 64.2  | 31.9  | 95.7  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

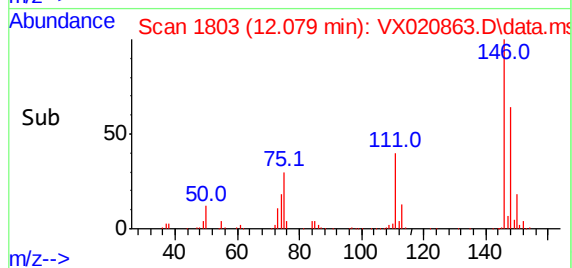
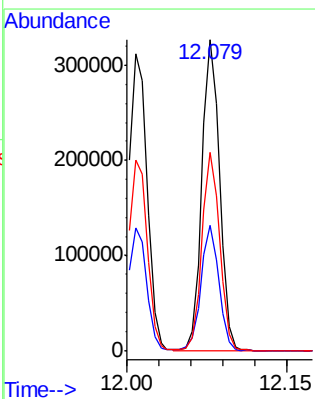
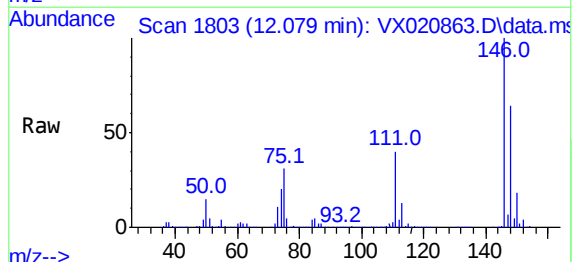
MMDadoda  
2/8/2021 11:33:45 AM

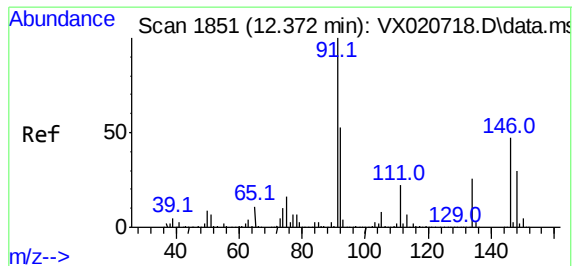


#88  
1,4-Dichlorobenzene  
Concen: 48.41 ug/l  
RT: 12.079 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:146 Resp: 394531  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 40.5  | 19.6  | 58.8  |
| 148 | 63.5  | 31.6  | 95.0  |





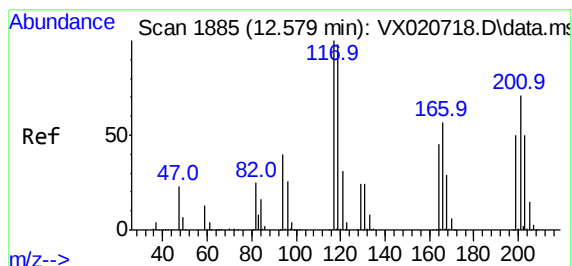
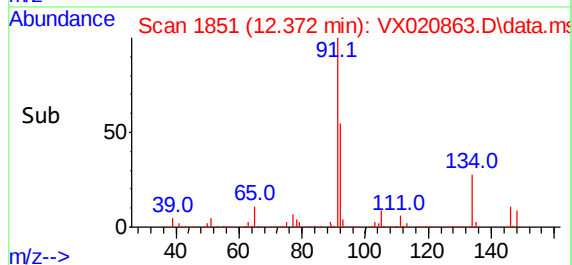
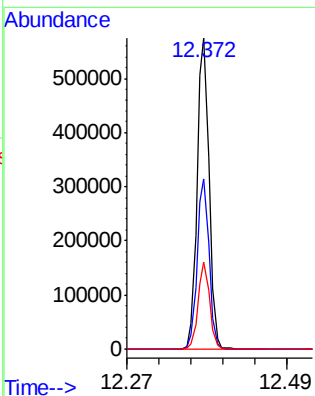
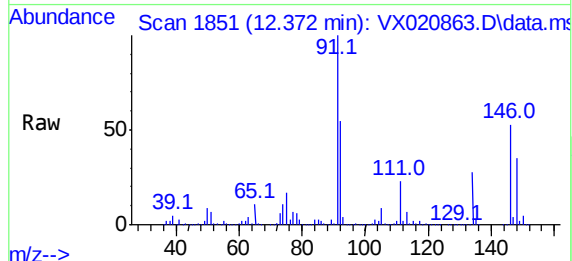
#89  
n-Butylbenzene  
Concen: 49.67 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 670285  
Ion Ratio Lower Upper  
91 100  
92 54.1 27.4 82.0  
134 26.5 13.2 39.5

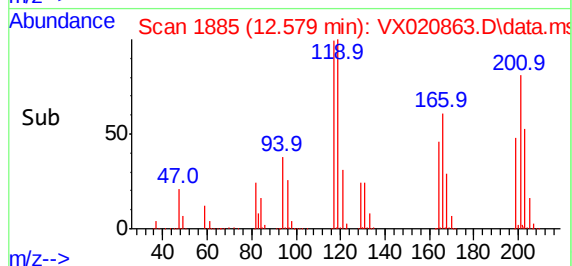
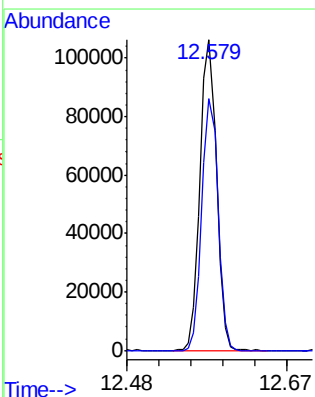
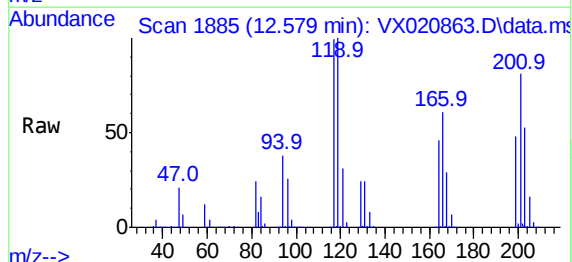
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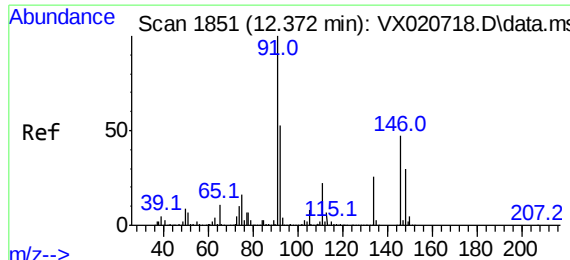
MMDadoda  
2/8/2021 11:33:45 AM



#90  
Hexachloroethane  
Concen: 50.93 ug/l  
RT: 12.579 min Scan# 1885  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

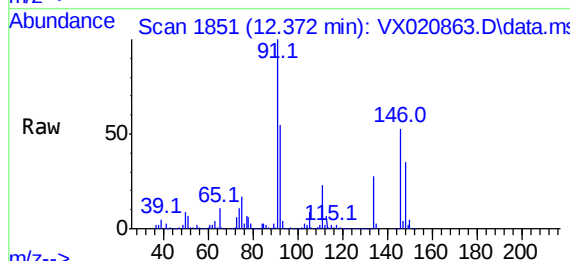
Tgt Ion: 117 Resp: 138166  
Ion Ratio Lower Upper  
117 100  
201 79.9 40.4 121.2





#91  
1,2-Dichlorobenzene  
Concen: 50.24 ug/l  
RT: 12.372 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

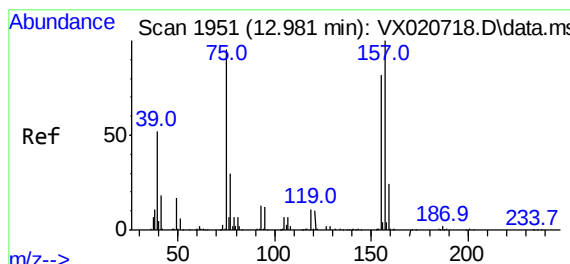
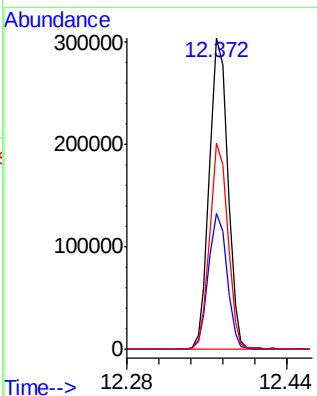
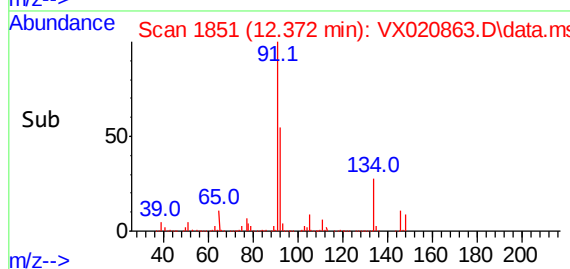
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050



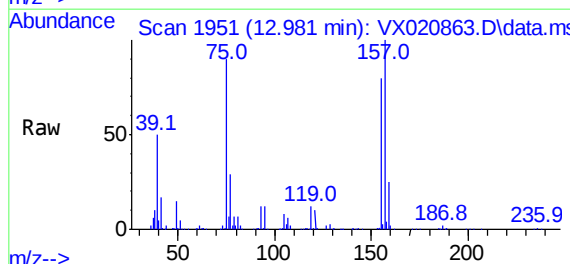
Tgt Ion:146 Resp: 379948  
Ion Ratio Lower Upper  
146 100  
111 43.6 20.8 62.2  
148 64.9 31.9 95.5

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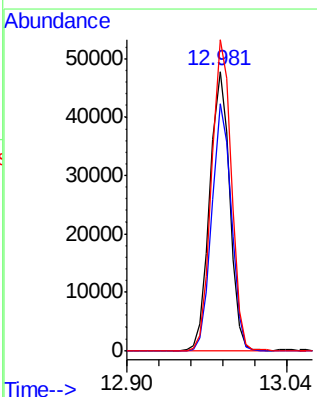
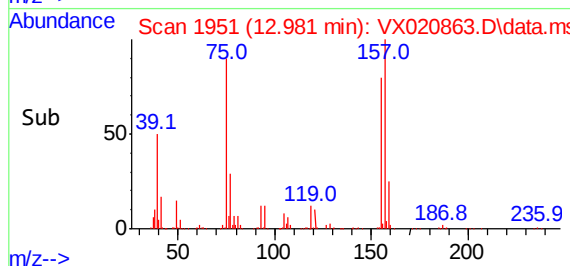
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2/8/2021 11:33:45 AM

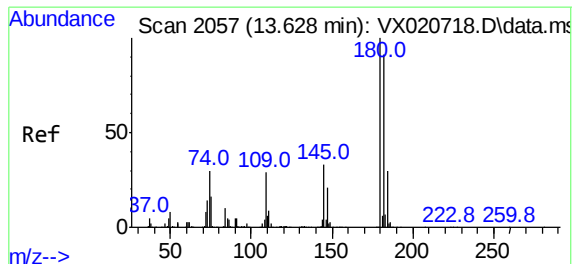


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.36 ug/l  
RT: 12.981 min Scan# 1951  
Delta R.T. 0.000 min  
Lab File: VX020863.D  
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Tgt Ion: 75 Resp: 60185  
Ion Ratio Lower Upper  
75 100  
155 86.6 45.3 135.9  
157 110.5 57.7 173.1





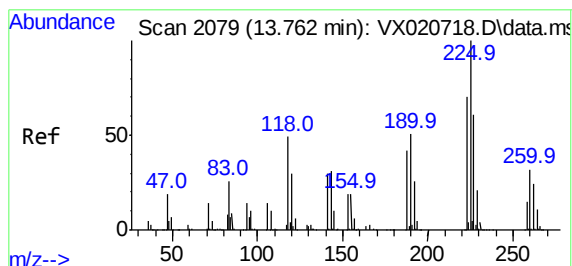
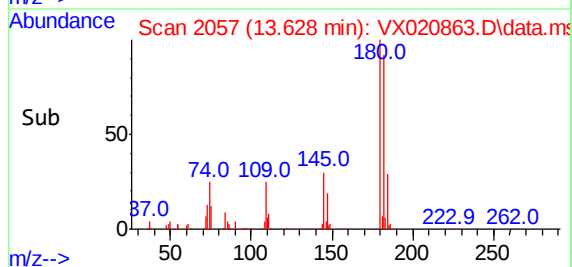
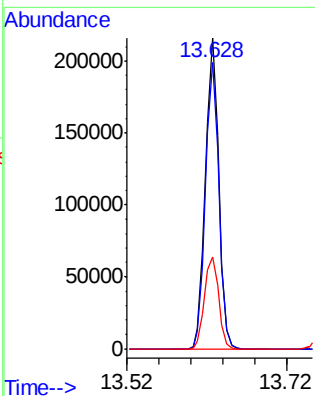
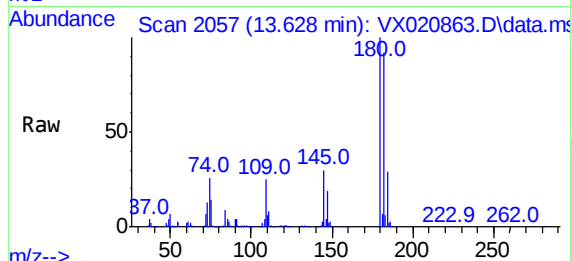
#93  
1,2,4-Trichlorobenzene  
Concen: 50.73 ug/l  
RT: 13.628 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:180 Resp: 248822  
Ion Ratio Lower Upper  
180 100  
182 92.8 47.7 143.1  
145 31.4 15.0 45.0

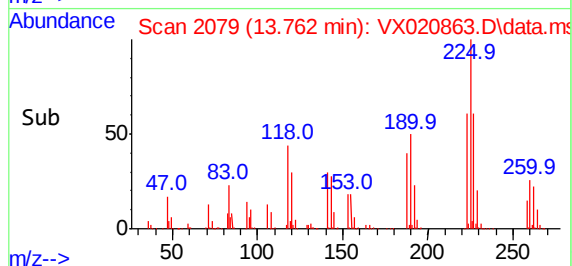
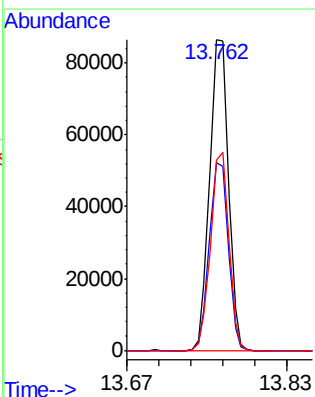
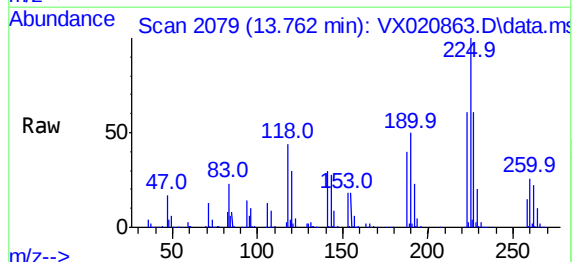
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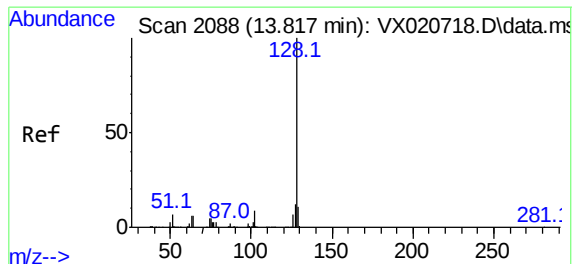
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#94  
Hexachlorobutadiene  
Concen: 47.57 ug/l  
RT: 13.762 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
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Tgt Ion:225 Resp: 109941  
Ion Ratio Lower Upper  
225 100  
223 61.0 31.1 93.2  
227 62.1 31.6 95.0





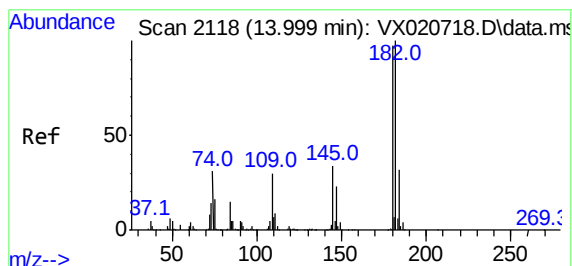
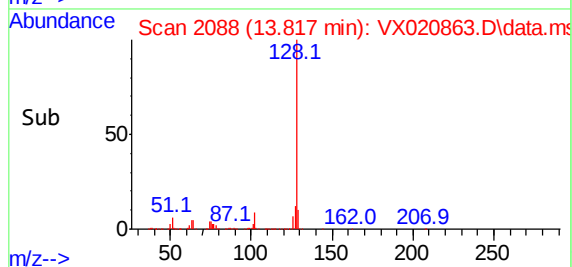
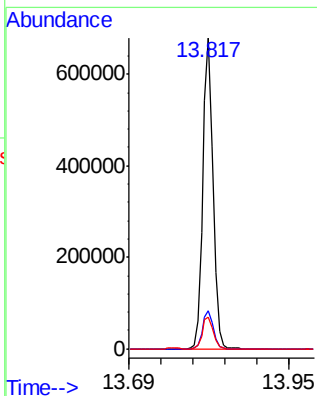
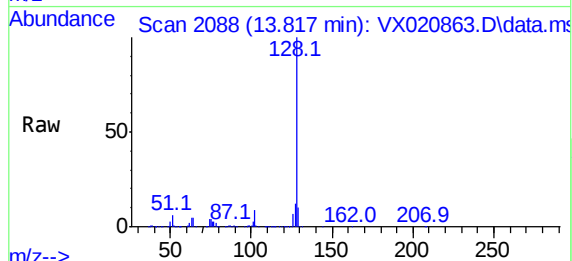
#95  
Naphthalene  
Concen: 45.02 ug/l  
RT: 13.817 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 807679  
Ion Ratio Lower Upper  
128 100  
127 12.5 10.3 15.5  
129 10.8 8.8 13.2

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 52.63 ug/l  
RT: 14.000 min Scan# 2118  
Delta R.T. 0.001 min  
Lab File: VX020863.D  
Acq: 05 Feb 2021 11:08

Tgt Ion:180 Resp: 251341  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.6 142.9  
145 33.6 16.1 48.3

