

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD033121\  
 Data File : VD068747.D  
 Acq On : 31 Mar 2021 20:22  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 4/1/2021 3:20:43 PM

Quant Time: Apr 01 00:47:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 20 02:00:55 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response           | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|--------------------|--------|--------|----------|
| -----                        |                |      |                    |        |        |          |
| Internal Standards           |                |      |                    |        |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 454977             | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 787103             | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.644         | 117  | 717069             | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573         | 152  | 347420             | 50.00  | ug/l   | 0.00     |
|                              |                |      |                    |        |        |          |
| System Monitoring Compounds  |                |      |                    |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 242003             | 52.75  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 105.50% |        |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 258817             | 52.85  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 105.70% |        |        |          |
| 50) Toluene-d8               | 10.344         | 98   | 970880             | 51.42  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 102.84% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 323261             | 52.81  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 105.62% |        |        |          |
|                              |                |      |                    |        |        |          |
| Target Compounds             |                |      |                    |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 157104             | 44.18  | ug/l   | 97       |
| 3) Chloromethane             | 2.209          | 50   | 188293             | 42.97  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.350          | 62   | 235317             | 45.44  | ug/l   | 96       |
| 5) Bromomethane              | 2.768          | 94   | 182308             | 47.64  | ug/l   | 99       |
| 6) Chloroethane              | 2.926          | 64   | 160291             | 47.25  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 317714             | 51.46  | ug/l   | 94       |
| 8) Diethyl Ether             | 3.715          | 74   | 99176              | 58.09  | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.103          | 101  | 193324             | 52.33  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.303          | 142  | 201743             | 46.63  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.226          | 59   | 57944              | 274.09 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.073          | 96   | 183586             | 51.05  | ug/l   | 97       |
| 13) Acrolein                 | 3.932          | 56   | 36618              | 206.27 | ug/l   | 95       |
| 14) Allyl chloride           | 4.720          | 41   | 212413             | 48.62  | ug/l   | 97       |
| 15) Acrylonitrile            | 5.426          | 53   | 210584             | 253.42 | ug/l   | 97       |
| 16) Acetone                  | 4.162          | 43   | 137212             | 246.52 | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.415          | 76   | 553224             | 47.91  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.726          | 43   | 92638              | 60.55  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.479          | 73   | 506213             | 55.89  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.967          | 84   | 263844             | 55.97  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.479          | 96   | 247462             | 49.49  | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.361          | 45   | 557248             | 50.18  | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.309          | 43   | 1458008            | 247.13 | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.273          | 63   | 396519             | 48.68  | ug/l   | 99       |
| 25) 2-Butanone               | 7.220          | 43   | 214058             | 232.10 | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.214          | 77   | 313275             | 43.23  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 269851             | 48.44  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.550          | 49   | 165217             | 51.30  | ug/l   | 90       |
| 29) Tetrahydrofuran          | 7.567          | 42   | 145717             | 249.95 | ug/l   | 96       |
| 30) Chloroform               | 7.714          | 83   | 448765             | 50.70  | ug/l   | 100      |
| 31) Cyclohexane              | 7.991          | 56   | 313803             | 42.39  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.908          | 97   | 381025             | 48.22  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 310520             | 44.17  | ug/l   | 97       |
| 37) Ethyl Acetate            | 7.291          | 43   | 102080             | 46.01  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 326195             | 46.49  | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.361          | 83   | 421241             | 48.55  | ug/l   | 97       |
| 40) Benzene                  | 8.355          | 78   | 964828             | 47.04  | ug/l   | 97       |

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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MMDadoda  
 4/1/2021 3:20:43 PM

Quant Time: Apr 01 00:47:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 20 02:00:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 58790    | 45.28   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 269901   | 50.29   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.455  | 43   | 218044   | 51.24   | ug/l   | 98       |
| 44) Trichloroethene           | 9.114  | 130  | 276474   | 48.57   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 233507   | 47.59   | ug/l   | 94       |
| 46) Dibromomethane            | 9.479  | 93   | 135412   | 48.53   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.661  | 83   | 350230   | 48.93   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.455  | 41   | 107727   | 49.95   | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 31311    | 1009.82 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 546483   | 246.68  | ug/l   | 99       |
| 52) Toluene                   | 10.408 | 92   | 667196   | 51.40   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 323260   | 49.09   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 377460   | 48.27   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 195055   | 49.69   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 221748   | 52.28   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 309471   | 48.32   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 595504   | 275.59  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.985 | 43   | 371709   | 249.88  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 248276   | 51.00   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 191391   | 50.52   | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.879 | 164  | 225445   | 48.50   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.667 | 112  | 699042   | 49.53   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 257899   | 50.79   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.744 | 91   | 1244852  | 50.57   | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.849 | 106  | 1000528  | 104.31  | ug/l   | 99       |
| 69) o-Xylene                  | 12.179 | 106  | 464553   | 52.26   | ug/l   | 99       |
| 70) Styrene                   | 12.191 | 104  | 771554   | 50.50   | ug/l   | 100      |
| 71) Bromoform                 | 12.361 | 173  | 137700   | 51.42   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.479 | 105  | 1168222  | 48.94   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 197233   | 49.57   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 202227   | 47.95   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 133992m  | 46.34   | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 285770   | 51.04   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.820 | 91   | 1344299  | 47.30   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 771049   | 49.71   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 1017561  | 52.71   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.526 | 75   | 58377    | 45.93   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 811585   | 48.98   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 800979   | 48.69   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 1049399  | 52.62   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 1122217  | 46.92   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 1037464  | 47.67   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 533347   | 47.76   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.591 | 146  | 529394   | 48.23   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.838 | 91   | 936734   | 45.34   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.108 | 117  | 192238   | 49.09   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 463112   | 48.82   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 31142    | 51.61   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 317039   | 51.44   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.261 | 225  | 169598   | 48.19   | ug/l   | 98       |
| 95) Naphthalene               | 15.396 | 128  | 636446   | 58.98   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.585 | 180  | 273135   | 52.05   | ug/l   | 99       |

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ALS Vial : 21 Sample Multiplier: 1

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Manual Integrations  
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MMDadoda  
4/1/2021 3:20:43 PM

Quant Time: Apr 01 00:47:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 20 02:00:55 2021  
Response via : Initial Calibration

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

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

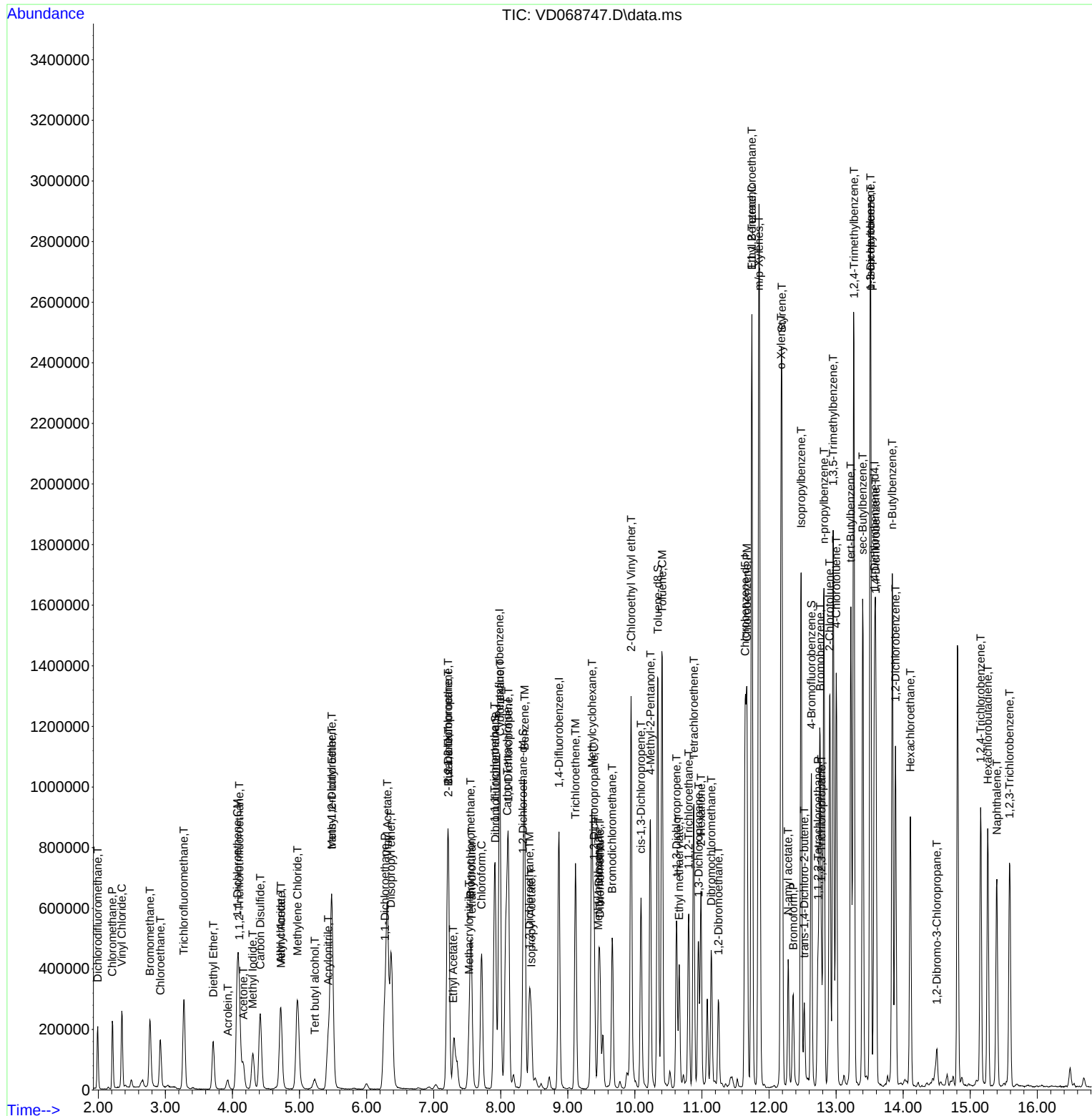
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Data File : VD068747.D  
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ALS Vial : 21 Sample Multiplier: 1

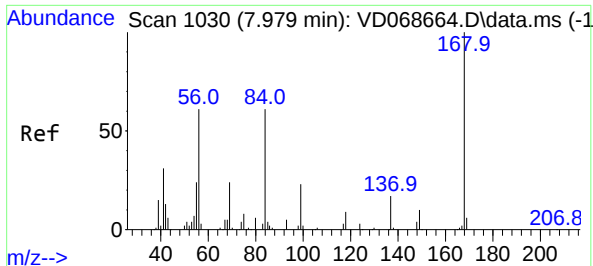
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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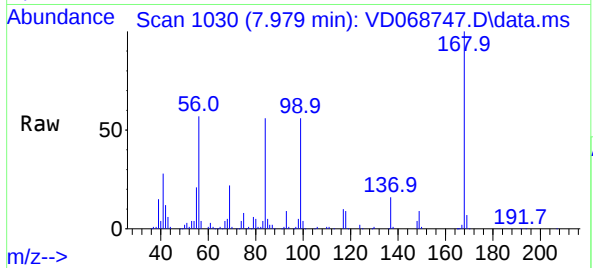
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4/1/2021 3:20:43 PM

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Quant Title : SW846 8260  
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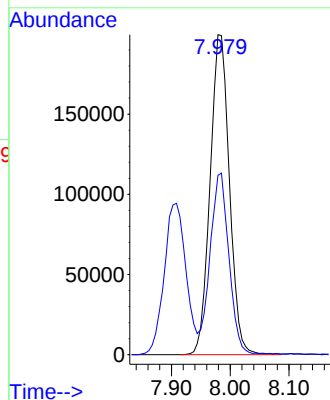




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



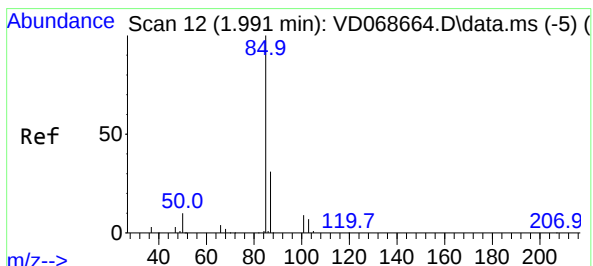
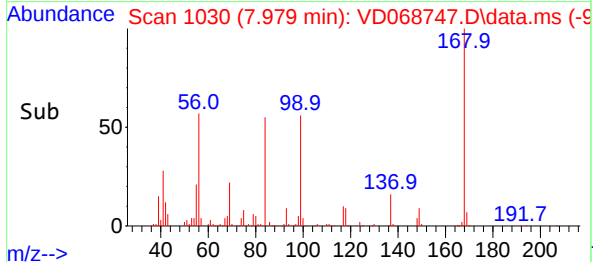
Tgt Ion: 168 Resp: 454977  
Ion Ratio Lower Upper  
168 100  
99 55.9 46.2 69.2



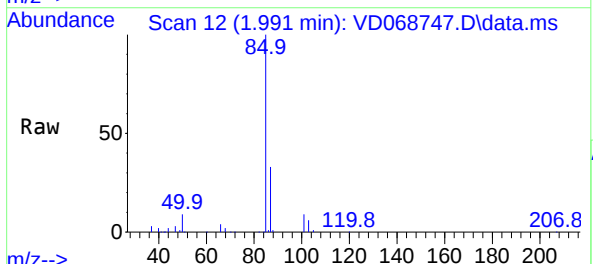
Instrument :  
MSVOA\_D  
ClientSampleId :  
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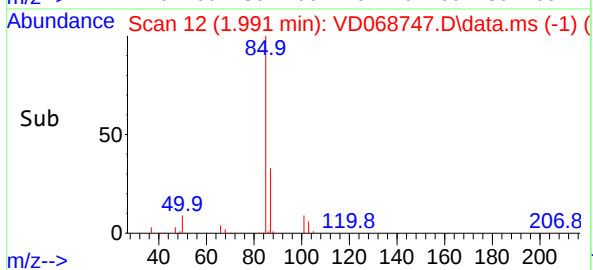
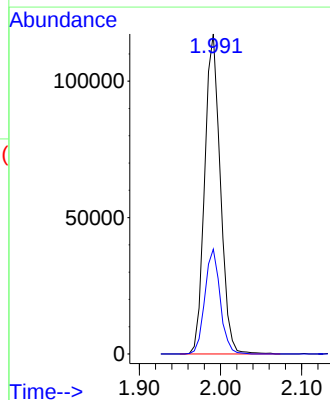
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4/1/2021 3:20:43 PM

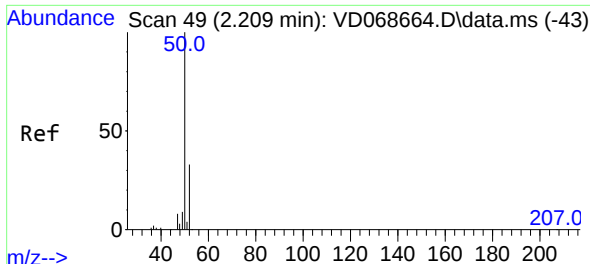


#2  
Dichlorodifluoromethane  
Concen: 44.18 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



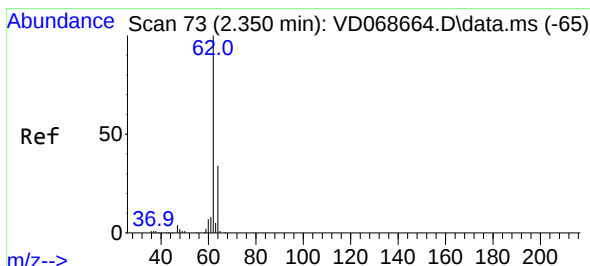
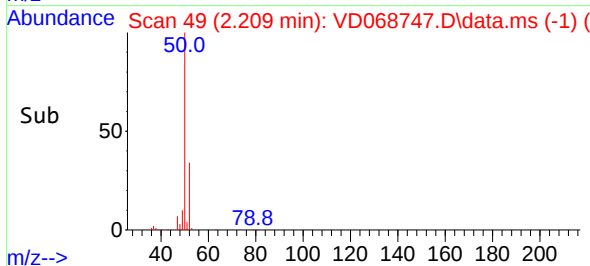
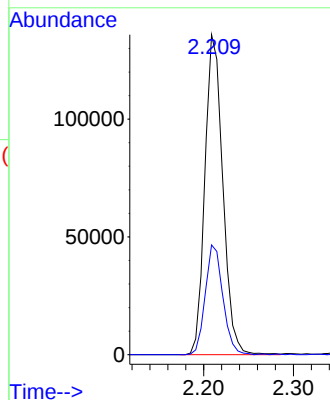
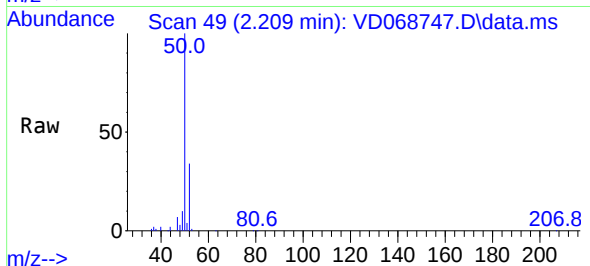
Tgt Ion: 85 Resp: 157104  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.7 47.0





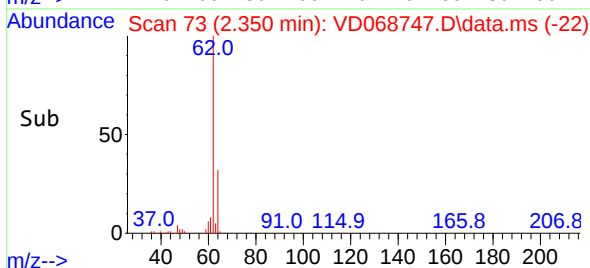
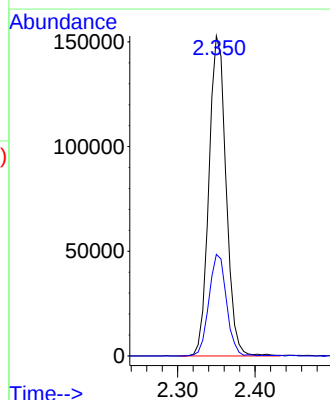
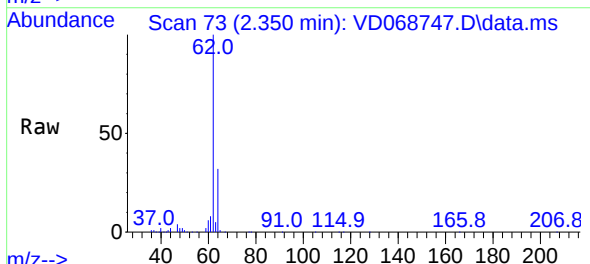
#3  
Chloromethane  
Concen: 42.97 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 50 Resp: 188293  
Ion Ratio Lower Upper  
50 100  
52 34.3 26.7 40.1



#4  
Vinyl Chloride  
Concen: 45.44 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

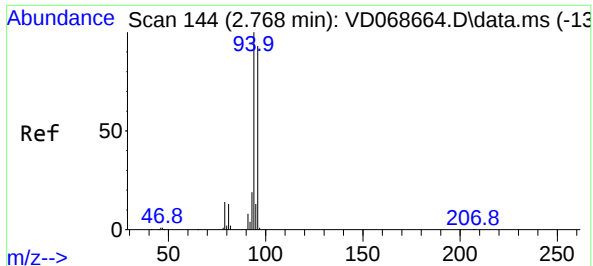
Tgt Ion: 62 Resp: 235317  
Ion Ratio Lower Upper  
62 100  
64 31.7 27.1 40.7



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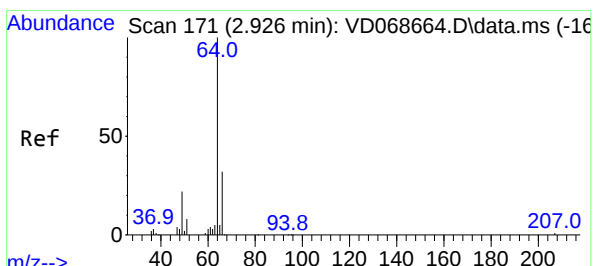
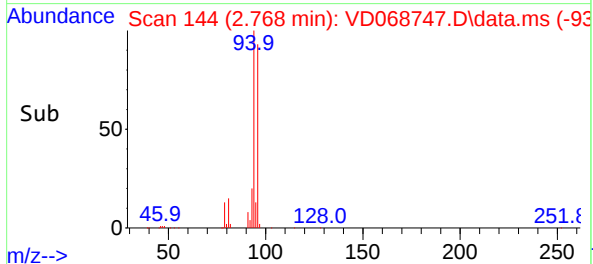
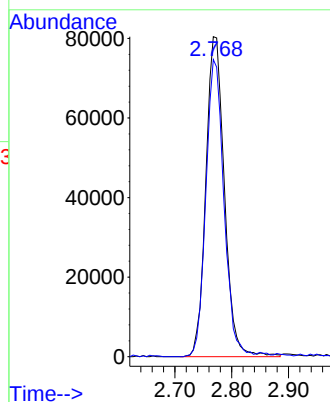
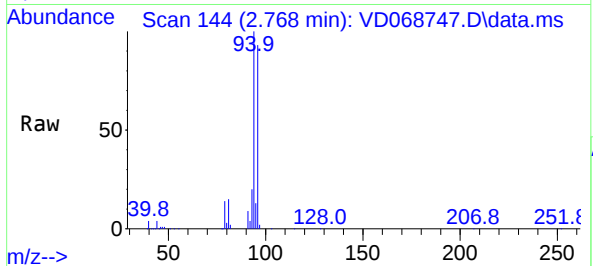
#5  
Bromomethane  
Concen: 47.64 ug/l  
RT: 2.768 min Scan# 144  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 94 Resp: 182308  
Ion Ratio Lower Upper  
94 100  
96 92.8 74.7 112.1

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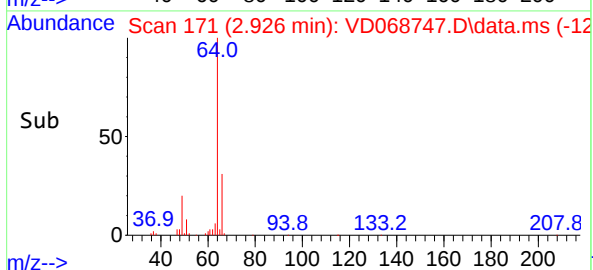
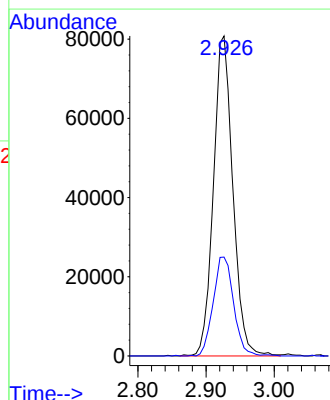
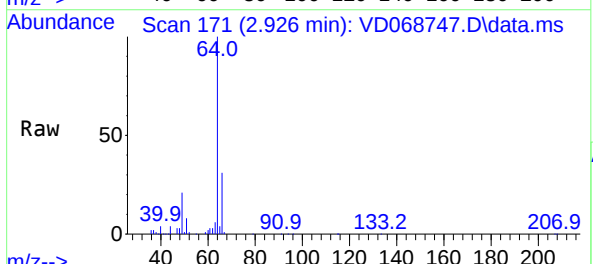
Manual Integrations  
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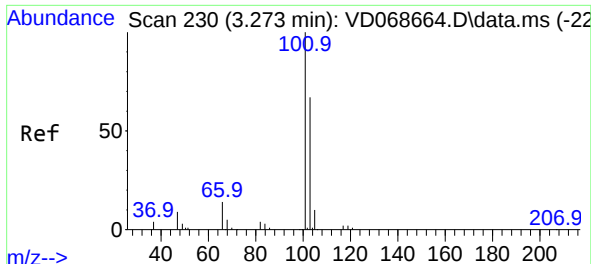
MMDadoda  
4/1/2021 3:20:43 PM



#6  
Chloroethane  
Concen: 47.25 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 64 Resp: 160291  
Ion Ratio Lower Upper  
64 100  
66 30.9 26.0 39.0





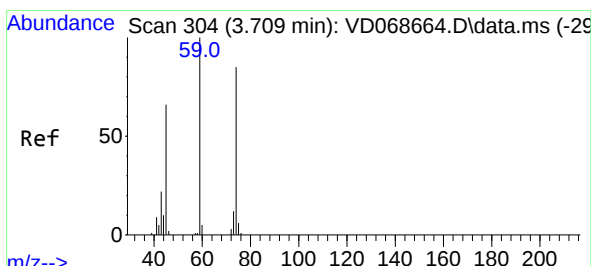
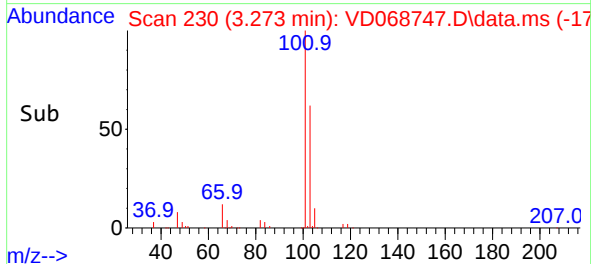
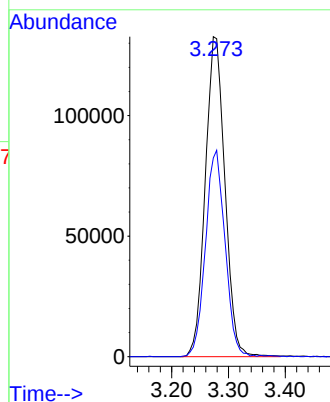
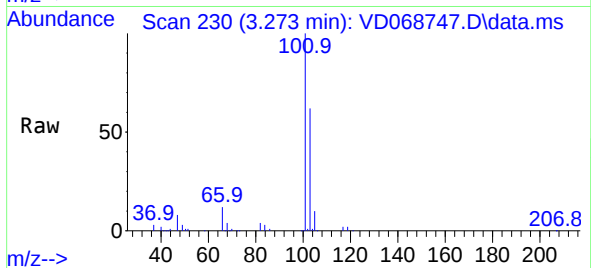
#7  
Trichlorofluoromethane  
Concen: 51.46 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:101 Resp: 317714  
Ion Ratio Lower Upper  
101 100  
103 62.1 53.4 80.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

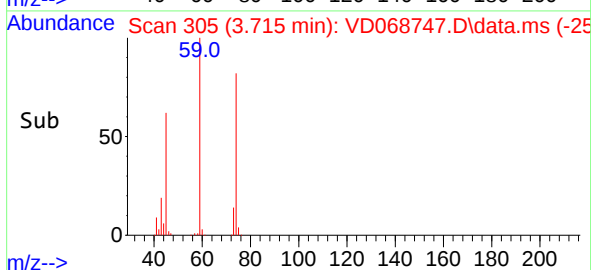
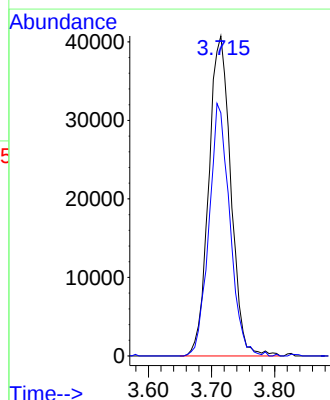
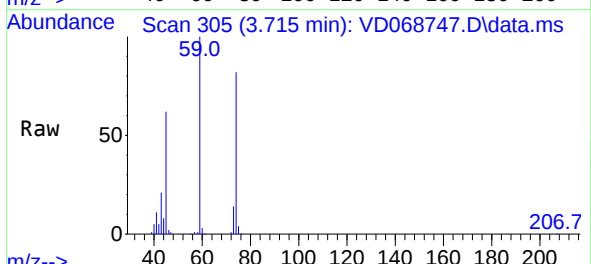
Manual Integrations  
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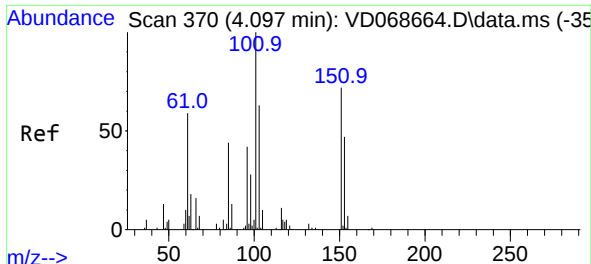
MMDadoda  
4/1/2021 3:20:43 PM



#8  
Diethyl Ether  
Concen: 58.09 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 74 Resp: 99176  
Ion Ratio Lower Upper  
74 100  
45 74.2 40.5 121.5





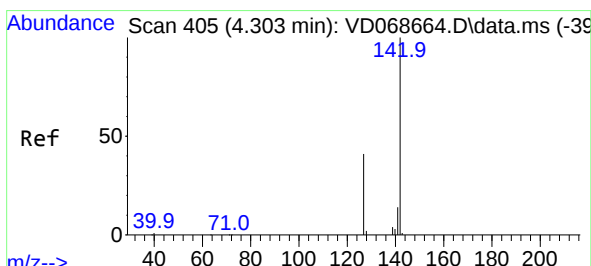
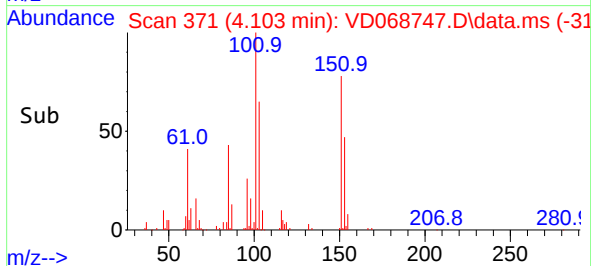
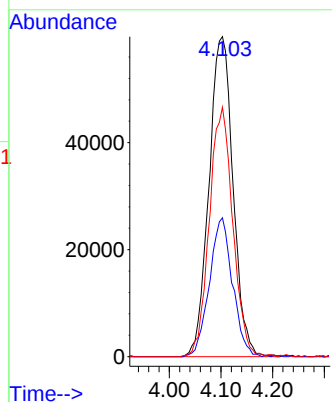
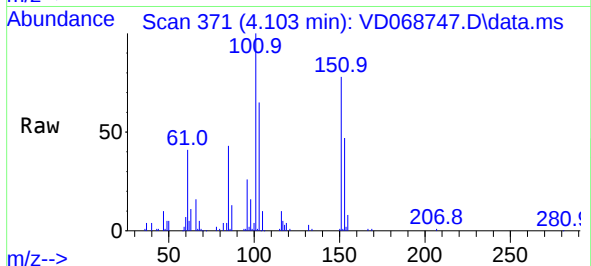
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.33 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:101 Resp: 193324  
Ion Ratio Lower Upper  
101 100  
85 41.7 33.8 50.6  
151 75.8 59.4 89.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

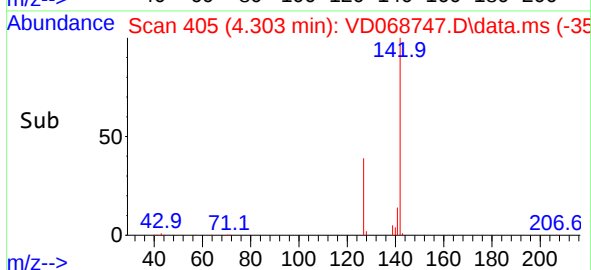
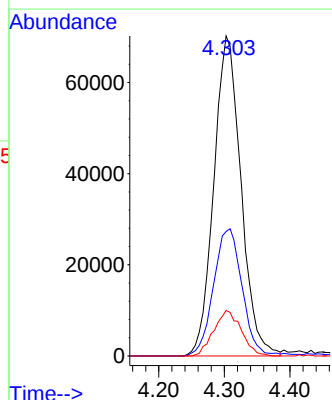
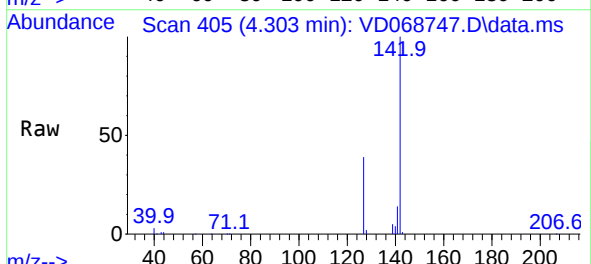
Manual Integrations  
APPROVED

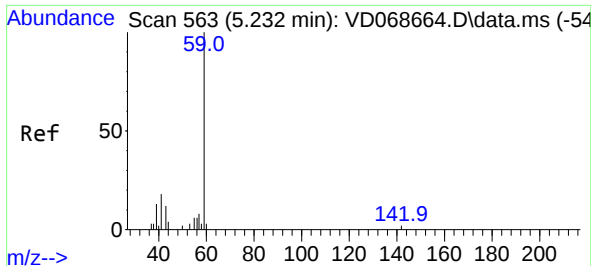
MMDadoda  
4/1/2021 3:20:43 PM



#10  
Methyl Iodide  
Concen: 46.63 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:142 Resp: 201743  
Ion Ratio Lower Upper  
142 100  
127 42.0 34.7 52.1  
141 14.4 11.0 16.4





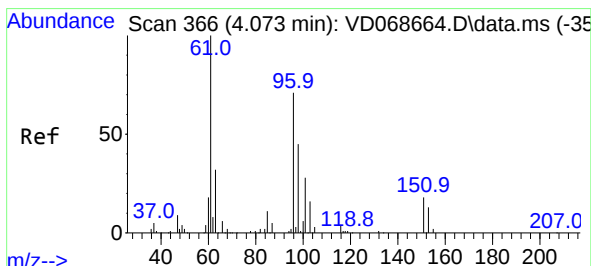
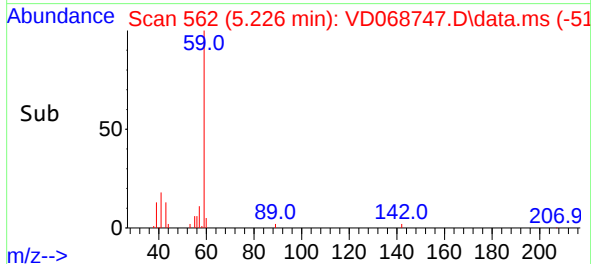
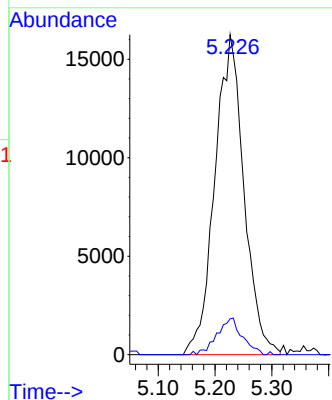
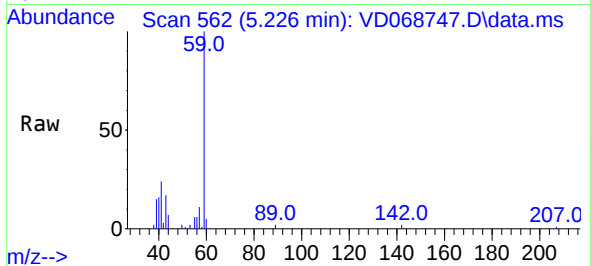
#11  
Tert butyl alcohol  
Concen: 274.09 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 59 Resp: 57944  
Ion Ratio Lower Upper  
59 100  
57 9.9 7.8 11.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

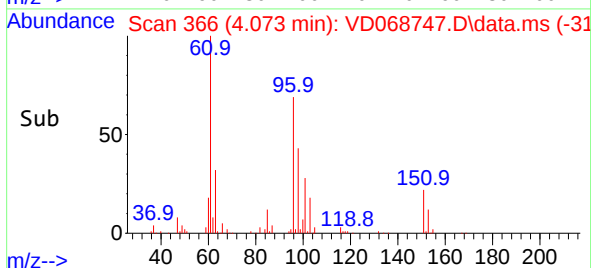
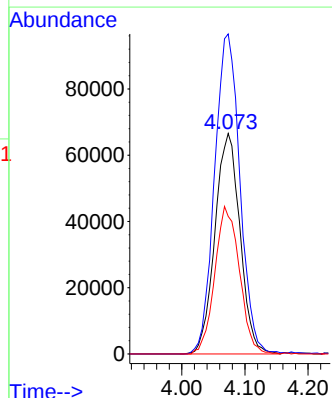
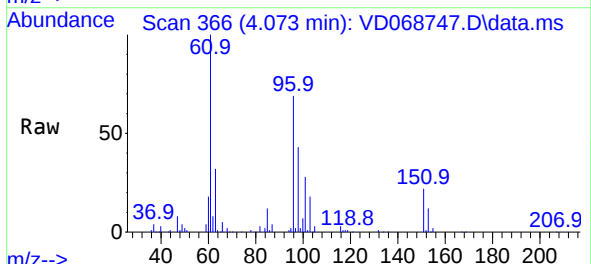
Manual Integrations  
APPROVED

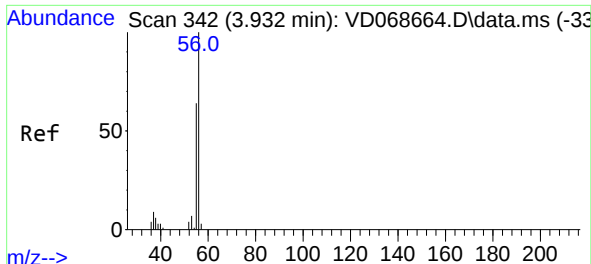
MMDadoda  
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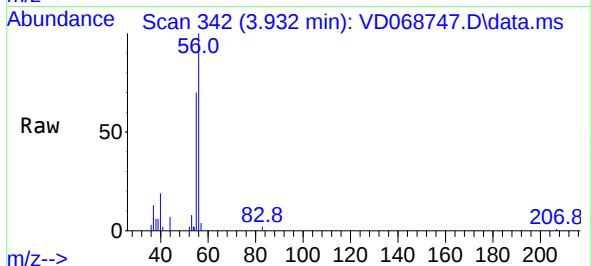
#12  
1,1-Dichloroethene  
Concen: 51.05 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 96 Resp: 183586  
Ion Ratio Lower Upper  
96 100  
61 145.1 112.2 168.2  
98 62.4 50.2 75.2

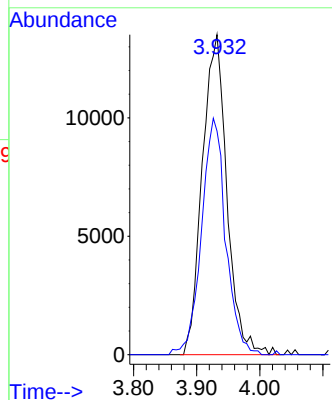
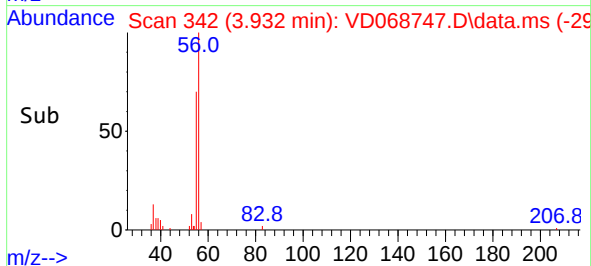




#13  
Acrolein  
Concen: 206.27 ug/l  
RT: 3.932 min Scan# 342  
Delta R.T. 0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



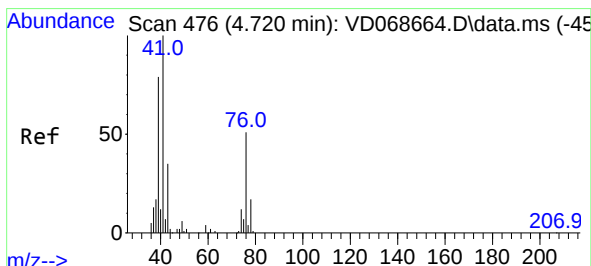
Tgt Ion: 56 Resp: 36618  
Ion Ratio Lower Upper  
56 100  
55 72.4 54.7 82.1



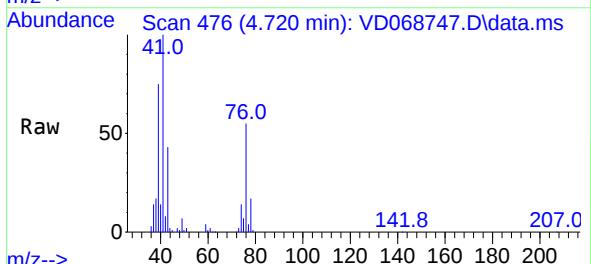
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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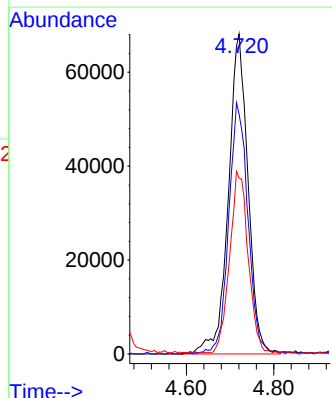
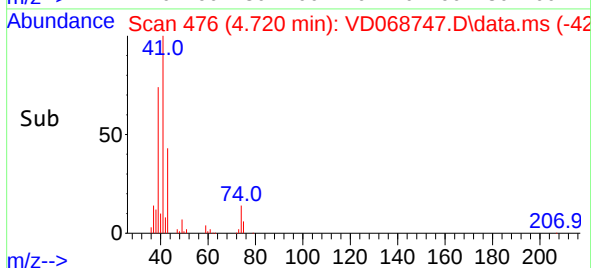
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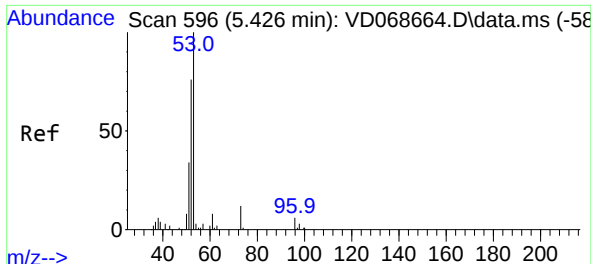


#14  
Allyl chloride  
Concen: 48.62 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



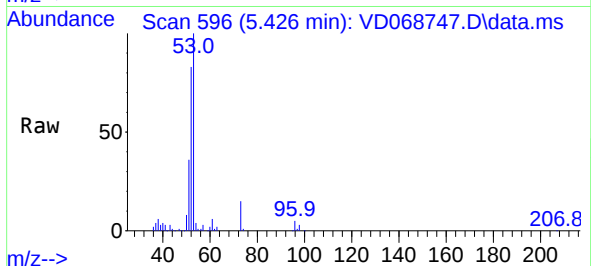
Tgt Ion: 41 Resp: 212413  
Ion Ratio Lower Upper  
41 100  
39 77.1 60.6 91.0  
76 54.7 40.4 60.6





#15  
Acrylonitrile  
Concen: 253.42 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

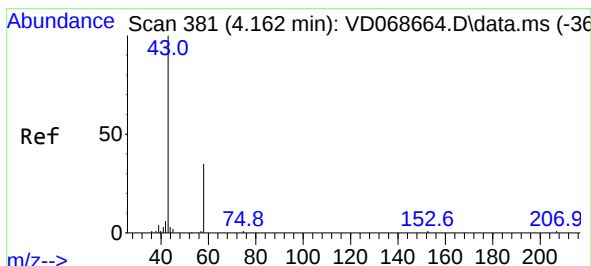
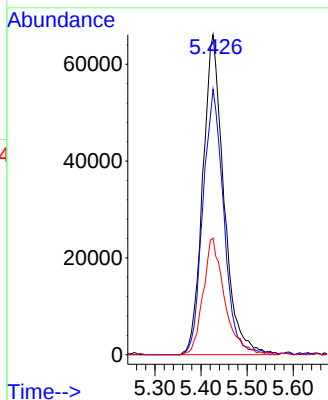
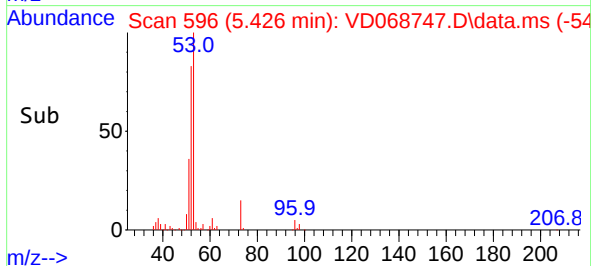
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



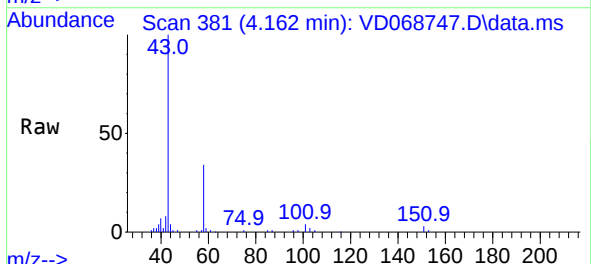
Tgt Ion: 53 Resp: 210584  
Ion Ratio Lower Upper  
53 100  
52 82.0 63.3 94.9  
51 37.2 28.3 42.5

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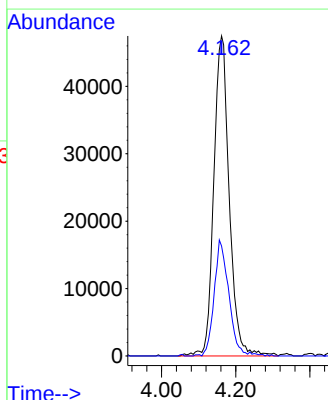
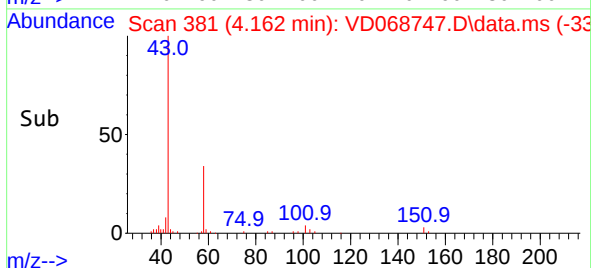
MMDadoda  
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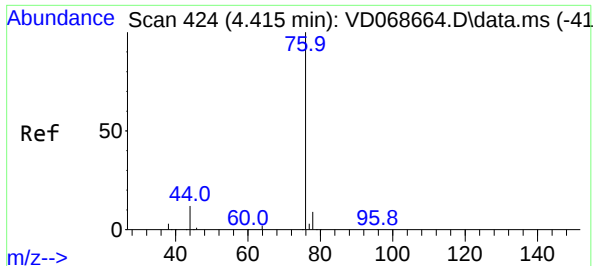


#16  
Acetone  
Concen: 246.52 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



Tgt Ion: 43 Resp: 137212  
Ion Ratio Lower Upper  
43 100  
58 34.4 28.0 42.0





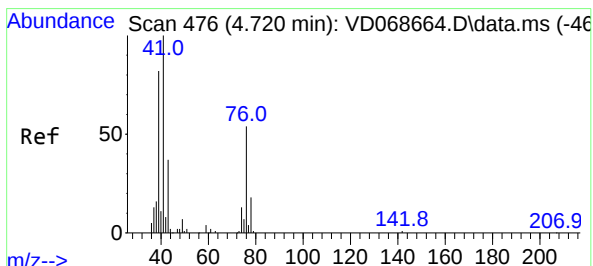
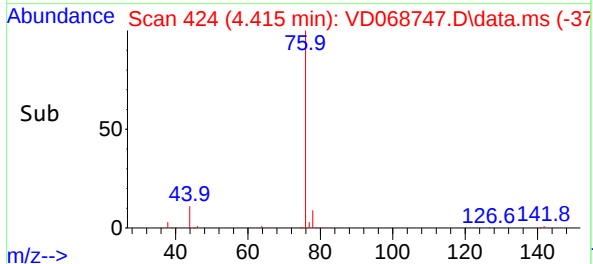
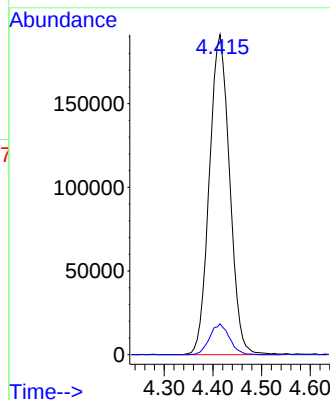
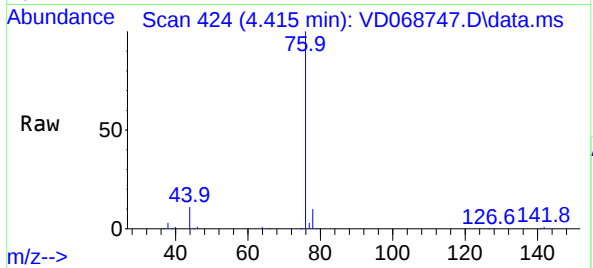
#17  
Carbon Disulfide  
Concen: 47.91 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 76 Resp: 553224  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.3 10.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

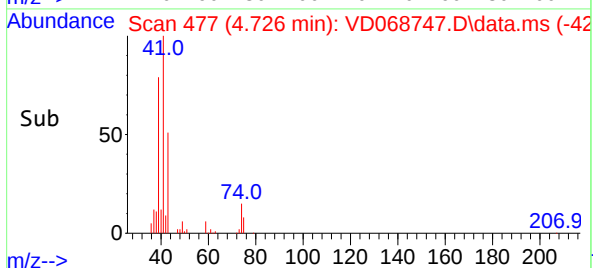
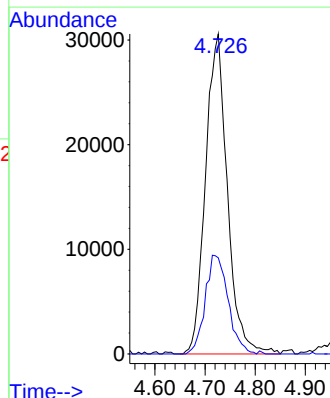
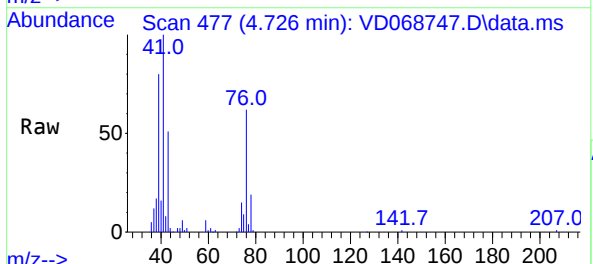
Manual Integrations  
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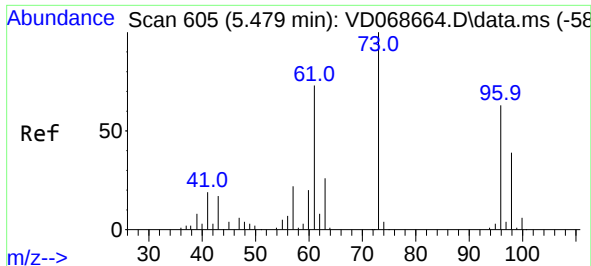
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#18  
Methyl Acetate  
Concen: 60.55 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 43 Resp: 92638  
Ion Ratio Lower Upper  
43 100  
74 32.3 25.4 38.2





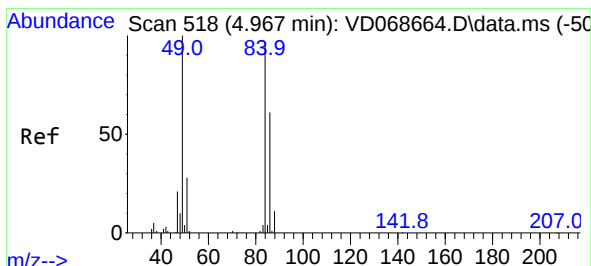
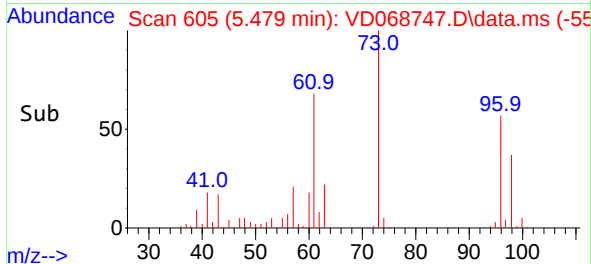
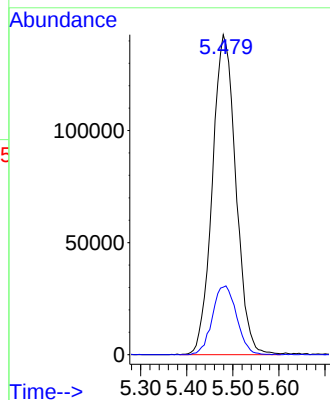
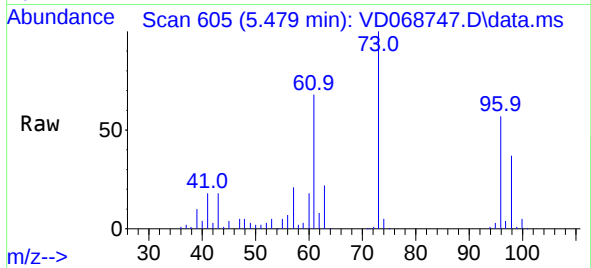
#19  
Methyl tert-butyl Ether  
Concen: 55.89 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 73 Resp: 506213  
Ion Ratio Lower Upper  
73 100  
57 21.1 17.3 25.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

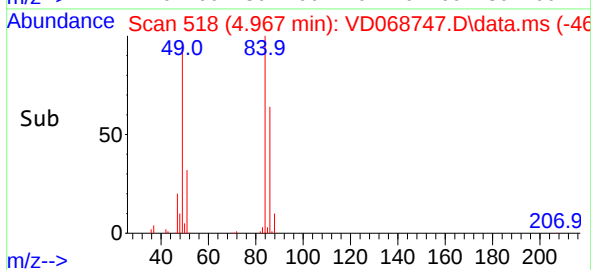
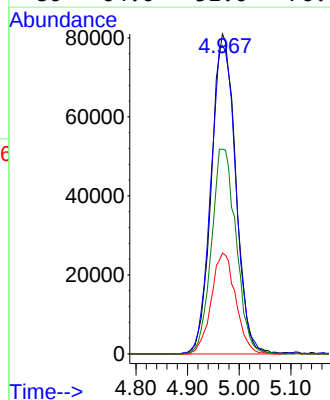
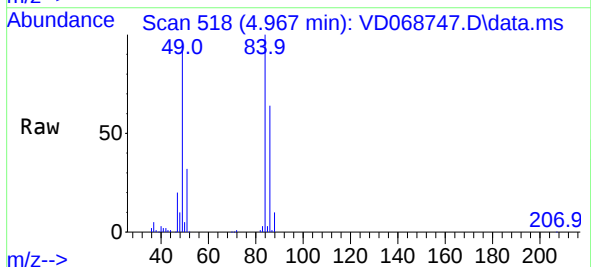
Manual Integrations  
APPROVED

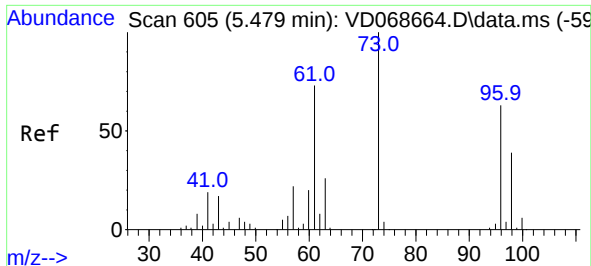
MMDadoda  
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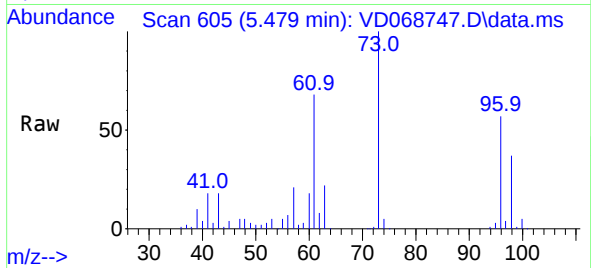
#20  
Methylene Chloride  
Concen: 55.97 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 84 Resp: 263844  
Ion Ratio Lower Upper  
84 100  
49 96.4 83.4 125.0  
51 31.5 23.4 35.2  
86 64.0 51.0 76.4

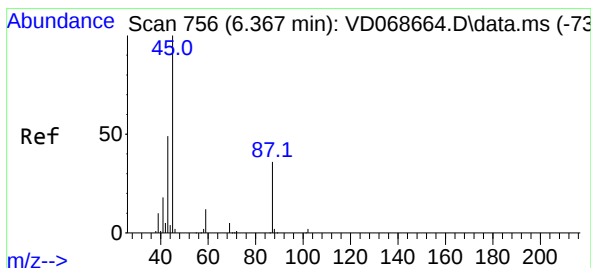
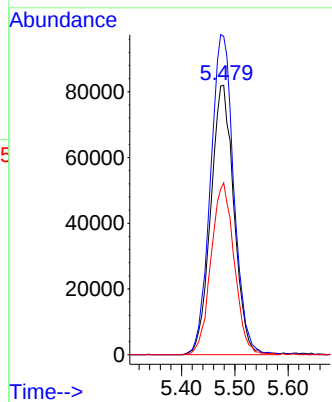
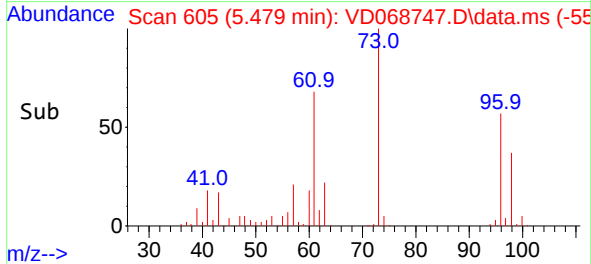




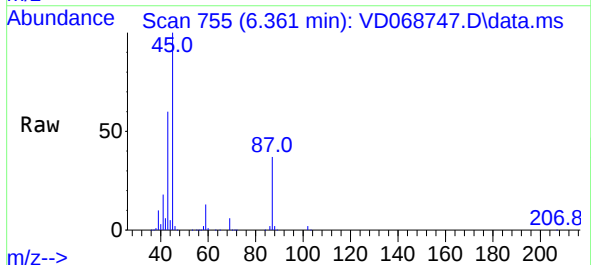
#21  
trans-1,2-Dichloroethene  
Concen: 49.49 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



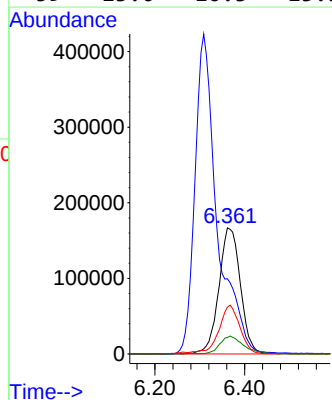
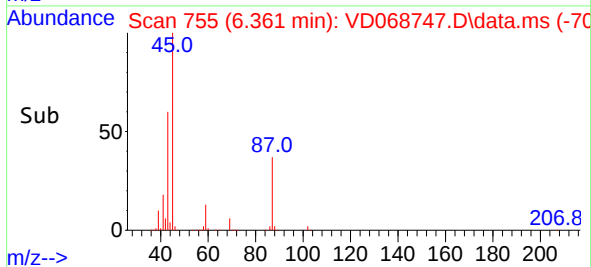
Tgt Ion: 96 Resp: 247462  
Ion Ratio Lower Upper  
96 100  
61 118.2 91.8 137.6  
98 63.8 49.3 73.9



#22  
Diisopropyl ether  
Concen: 50.18 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



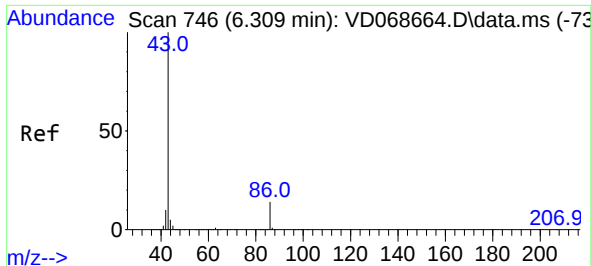
Tgt Ion: 45 Resp: 557248  
Ion Ratio Lower Upper  
45 100  
43 58.9 41.8 62.8  
87 36.9 29.2 43.8  
59 13.0 10.3 15.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

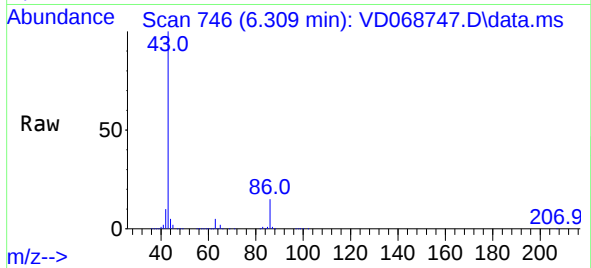
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#23  
 Vinyl Acetate  
 Concen: 247.13 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. -0.000 min  
 Lab File: VD068747.D  
 Acq: 31 Mar 2021 20:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

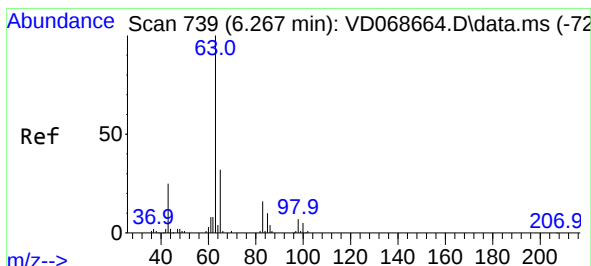
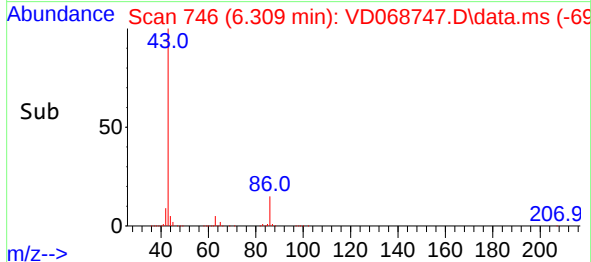
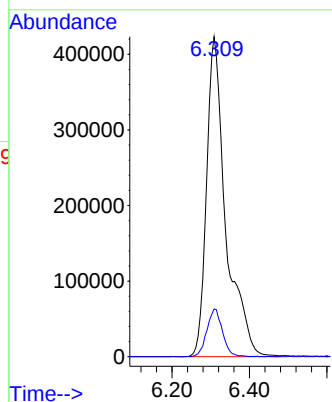


Tgt Ion: 43 Resp: 1458008  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 14.9  | 11.0  | 16.6  |

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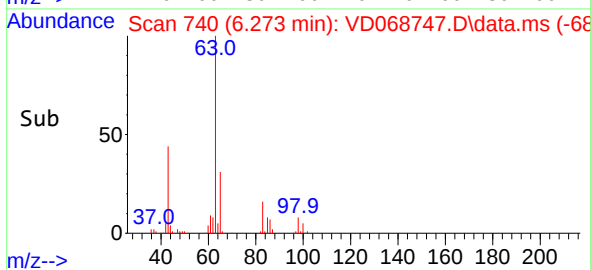
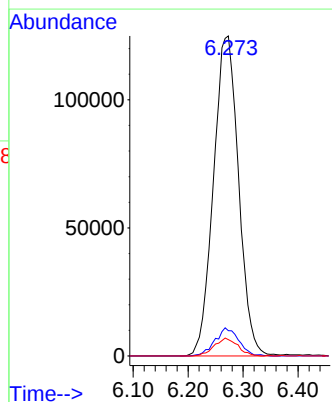
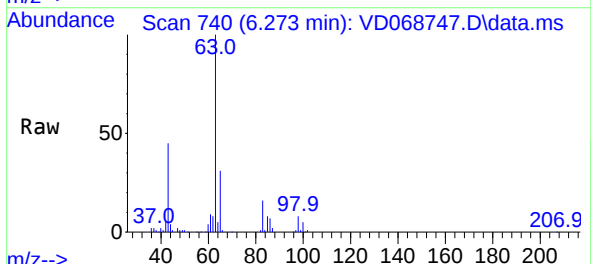
MMDadoda  
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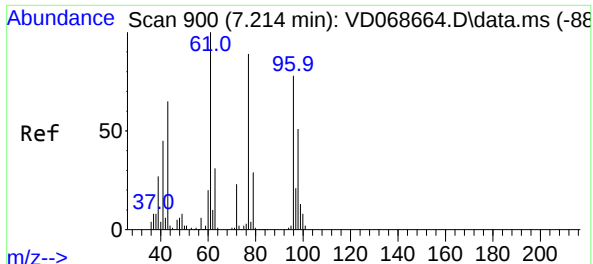


#24  
 1,1-Dichloroethane  
 Concen: 48.68 ug/l  
 RT: 6.273 min Scan# 740  
 Delta R.T. 0.006 min  
 Lab File: VD068747.D  
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Tgt Ion: 63 Resp: 396519  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 7.9   | 3.8   | 11.2  |
| 100 | 5.1   | 2.3   | 6.9   |





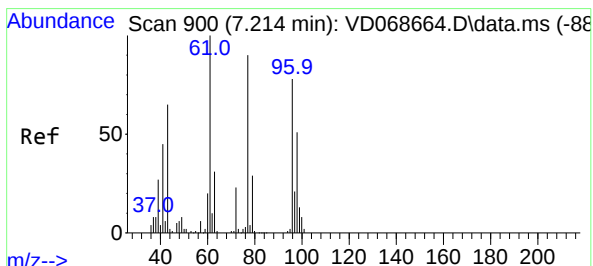
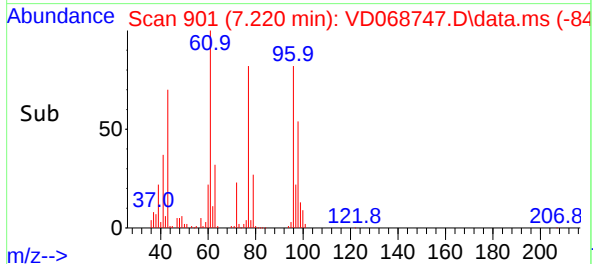
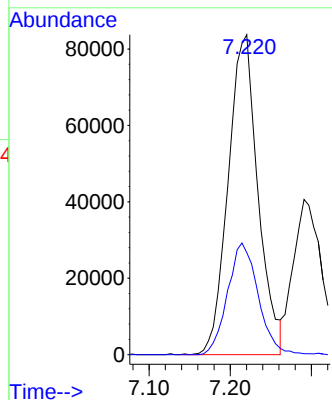
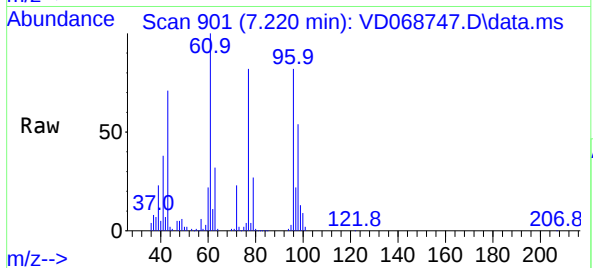
#25  
2-Butanone  
Concen: 232.10 ug/l  
RT: 7.220 min Scan# 901  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 43 Resp: 214058  
Ion Ratio Lower Upper  
43 100  
72 31.9 28.6 43.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

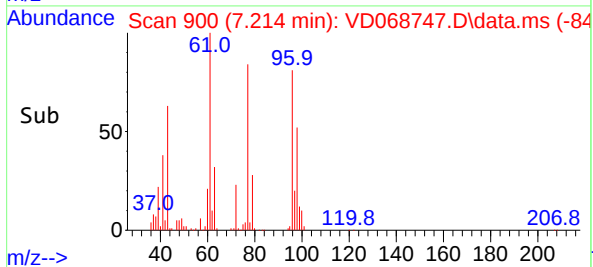
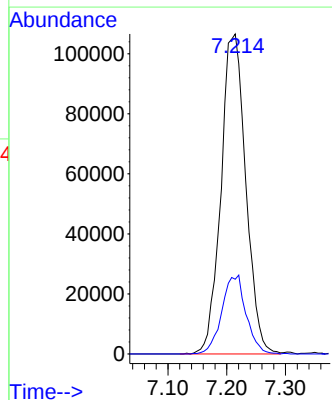
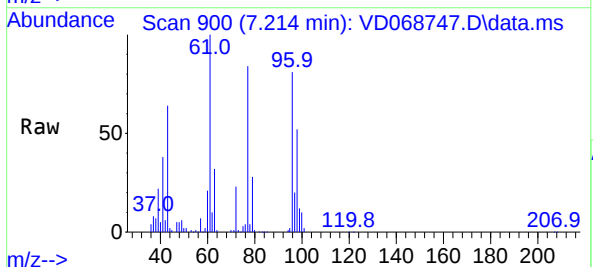
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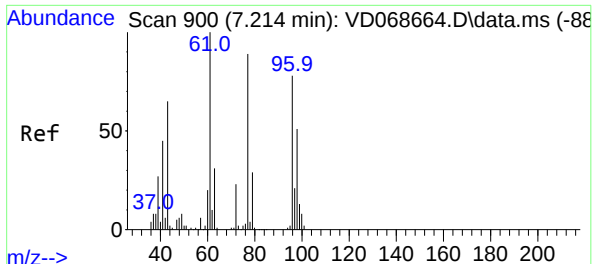
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#26  
2,2-Dichloropropane  
Concen: 43.23 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 77 Resp: 313275  
Ion Ratio Lower Upper  
77 100  
97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 48.44 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.000 min

Lab File: VD068747.D

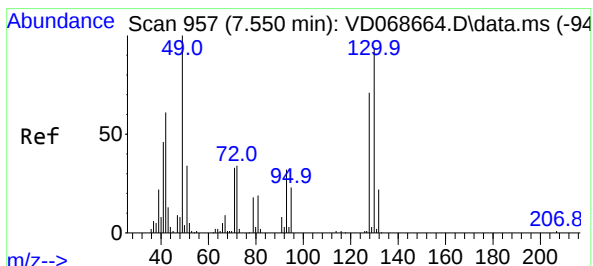
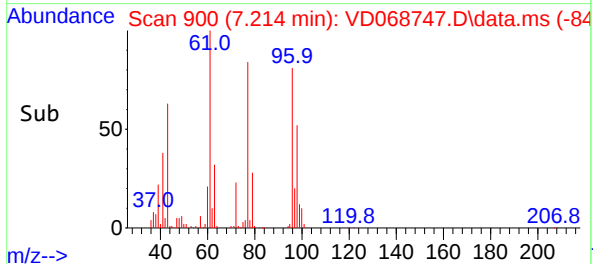
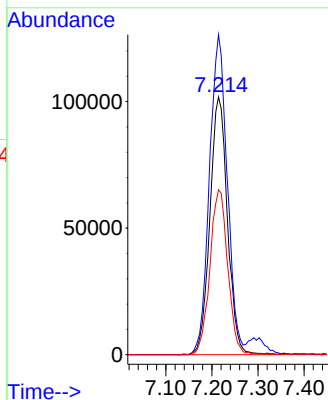
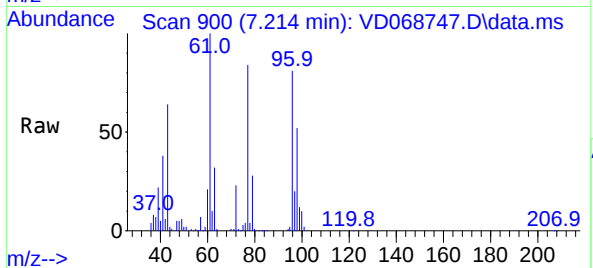
Acq: 31 Mar 2021 20:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 269851 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 125.6 | 0.0   | 258.8  |
| 98       | 65.0  | 0.0   | 128.4  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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#28

Bromochloromethane

Concen: 51.30 ug/l

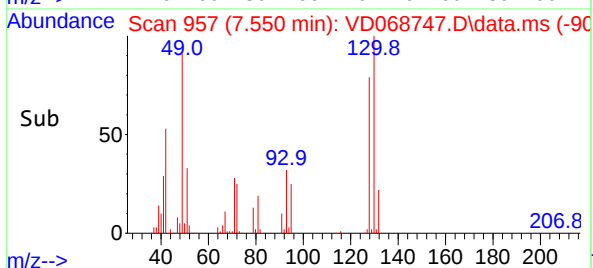
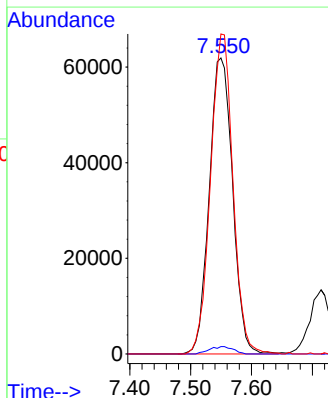
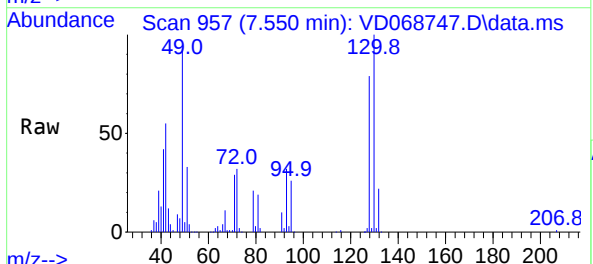
RT: 7.550 min Scan# 957

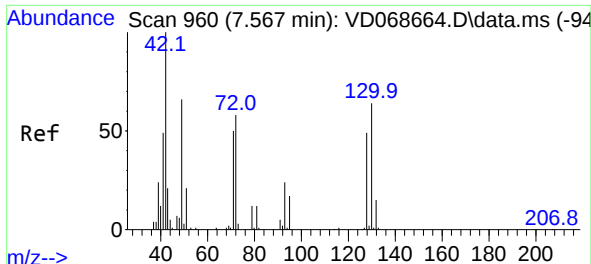
Delta R.T. -0.000 min

Lab File: VD068747.D

Acq: 31 Mar 2021 20:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 49    | Resp: | 165217 |
| Ion      | Ratio | Lower | Upper  |
| 49       | 100   |       |        |
| 129      | 2.5   | 0.0   | 5.2    |
| 130      | 103.6 | 74.6  | 112.0  |





#29  
Tetrahydrofuran  
Concen: 249.95 ug/l  
RT: 7.567 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

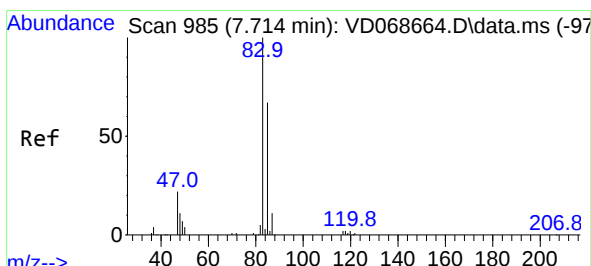
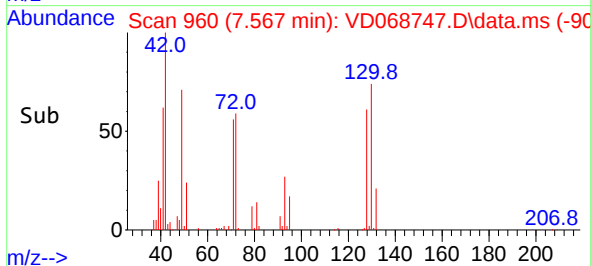
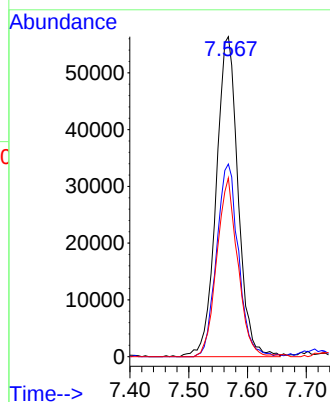
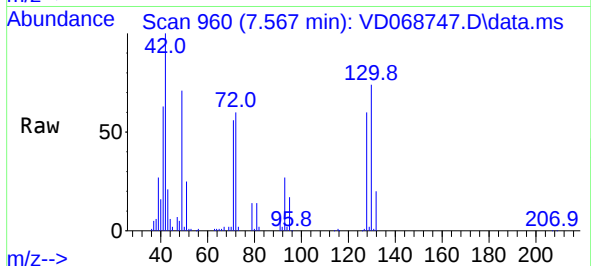
Tgt Ion: 42 Resp: 145717

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 60.4  | 45.2  | 67.8  |
| 71  | 53.4  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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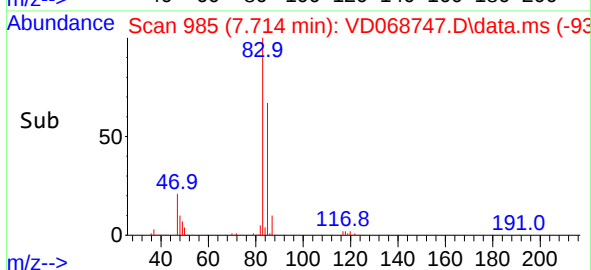
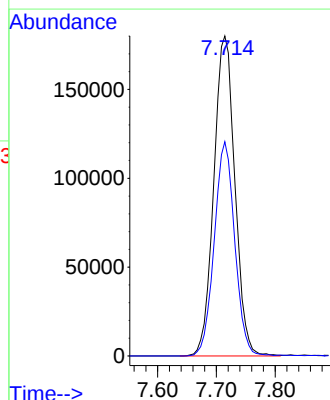
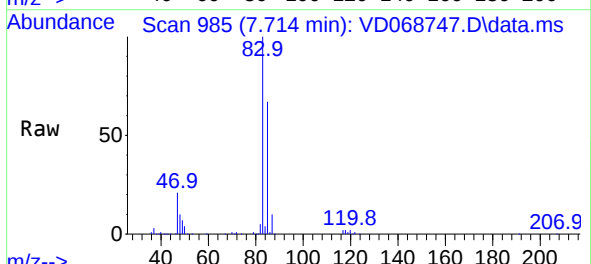
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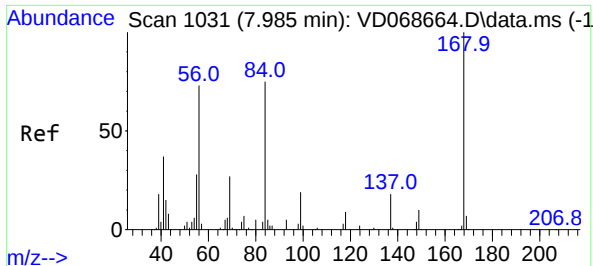


#30  
Chloroform  
Concen: 50.70 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

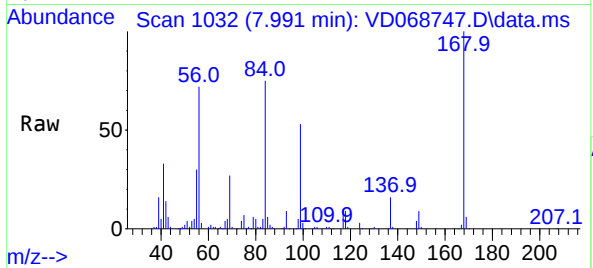
Tgt Ion: 83 Resp: 448765

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 67.0  | 53.3  | 79.9  |

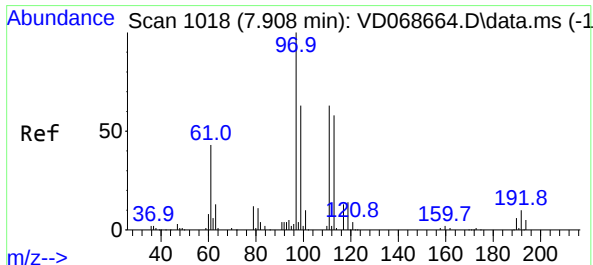
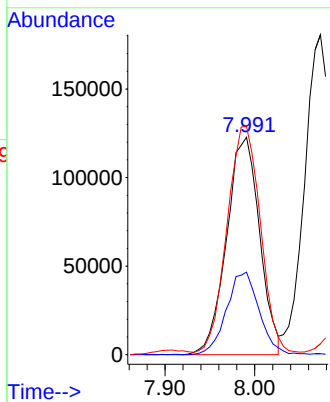
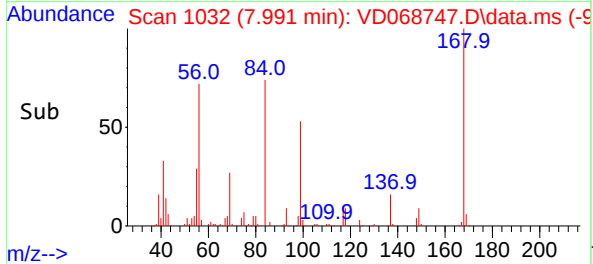




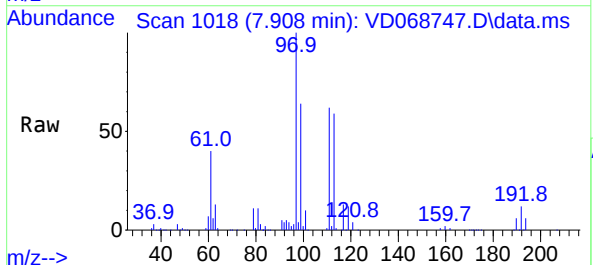
#31  
Cyclohexane  
Concen: 42.39 ug/l  
RT: 7.991 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



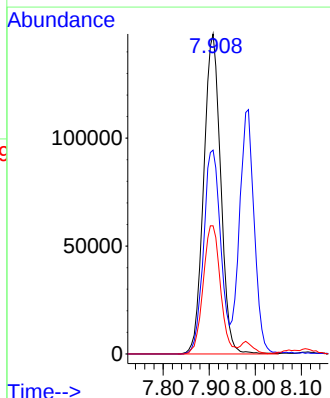
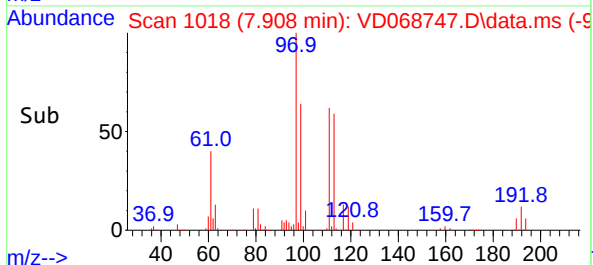
Tgt Ion: 56 Resp: 313803  
Ion Ratio Lower Upper  
56 100  
69 37.4 30.0 45.0  
84 103.3 82.0 123.0



#32  
1,1,1-Trichloroethane  
Concen: 48.22 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



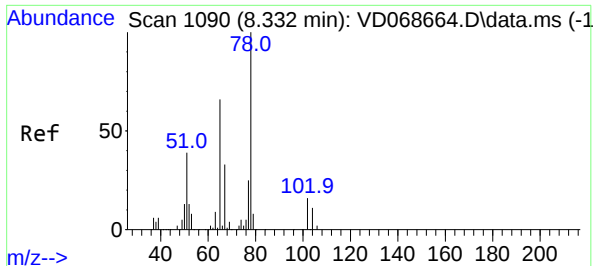
Tgt Ion: 97 Resp: 381025  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.8 76.2  
61 40.8 33.7 50.5



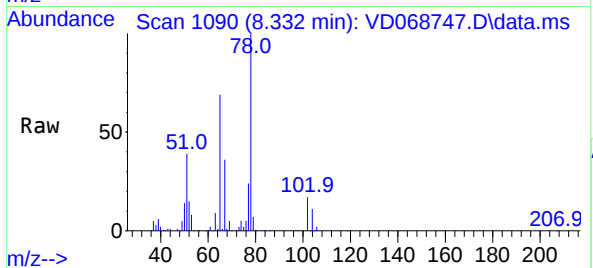
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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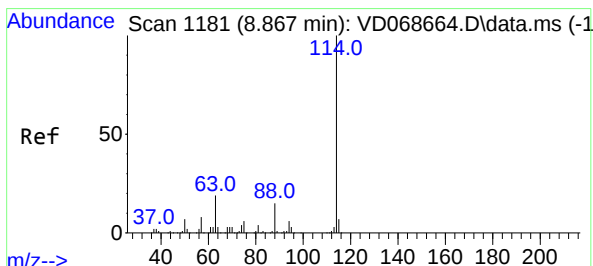
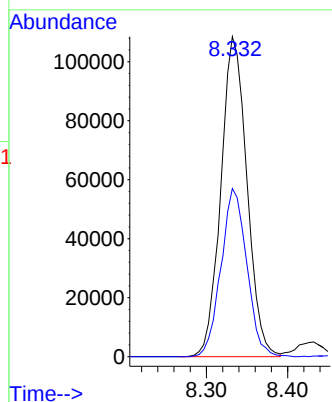
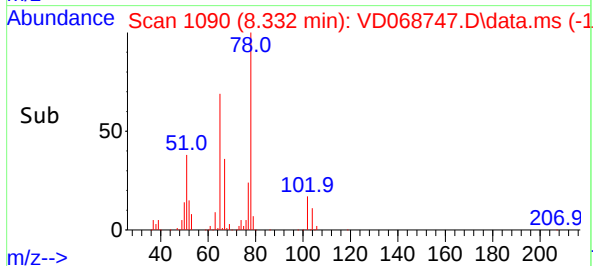
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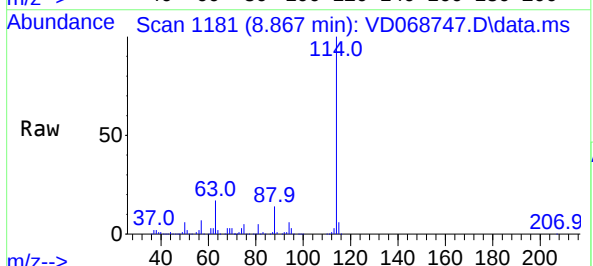
#33  
1,2-Dichloroethane-d4  
Concen: 52.75 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



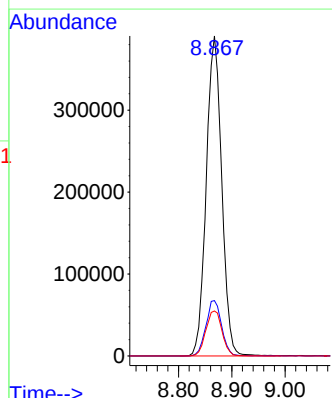
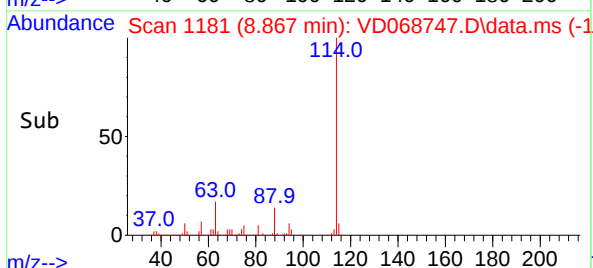
Tgt Ion: 65 Resp: 242003  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 106.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



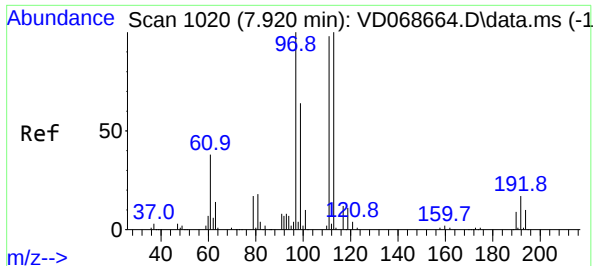
Tgt Ion: 114 Resp: 787103  
Ion Ratio Lower Upper  
114 100  
63 17.3 0.0 38.2  
88 14.1 0.0 29.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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#35

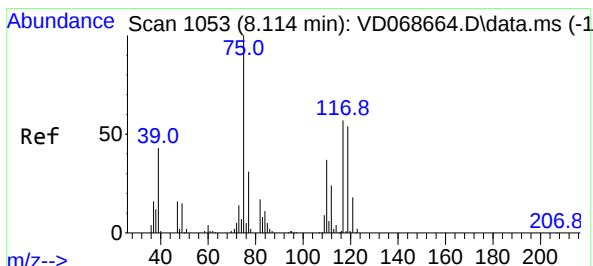
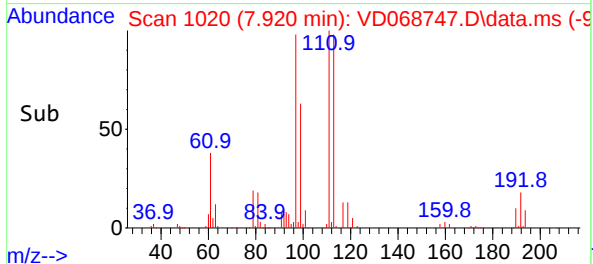
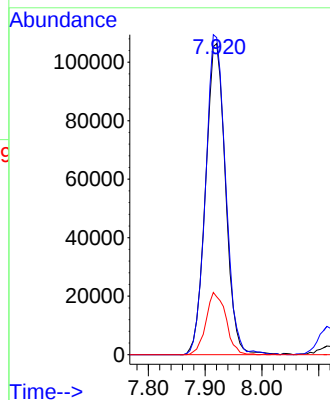
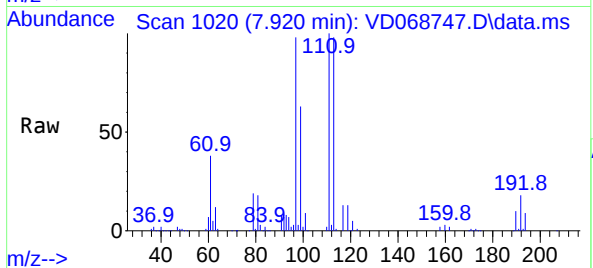
Dibromofluoromethane  
Concen: 52.85 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:113 Resp: 258817  
Ion Ratio Lower Upper  
113 100  
111 102.8 82.5 123.7  
192 20.0 15.1 22.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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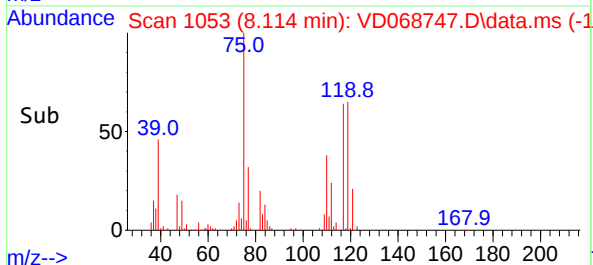
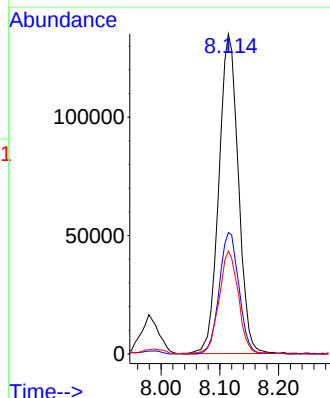
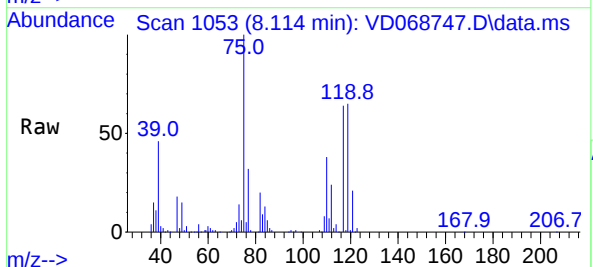
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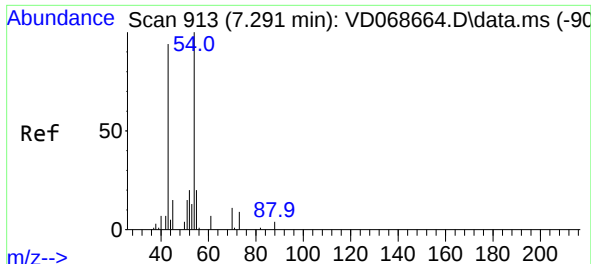


#36

1,1-Dichloropropene  
Concen: 44.17 ug/l  
RT: 8.114 min Scan# 1053  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 75 Resp: 310520  
Ion Ratio Lower Upper  
75 100  
110 38.4 18.1 54.4  
77 32.2 24.7 37.1





#37  
Ethyl Acetate  
Concen: 46.01 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

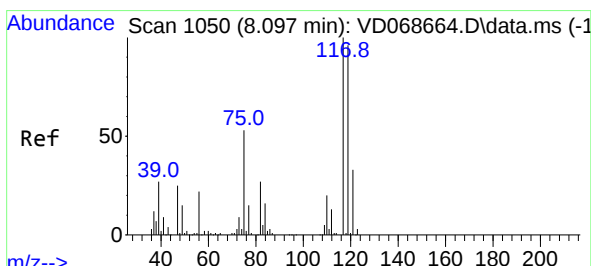
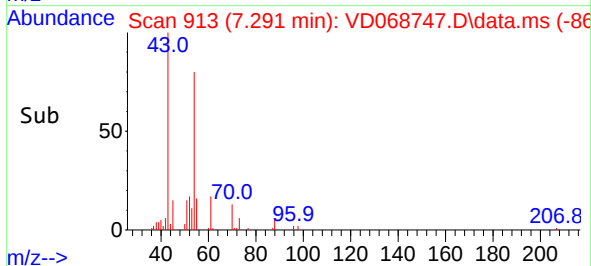
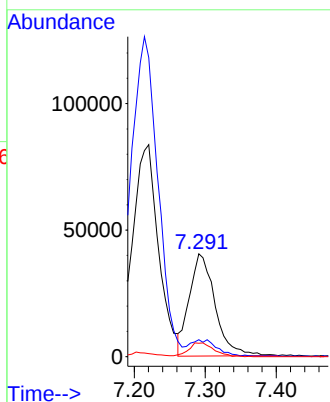
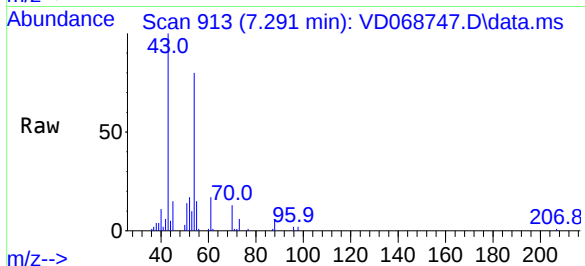
Tgt Ion: 43 Resp: 102080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 16.0  | 14.2  | 21.4  |
| 70  | 13.4  | 9.4   | 14.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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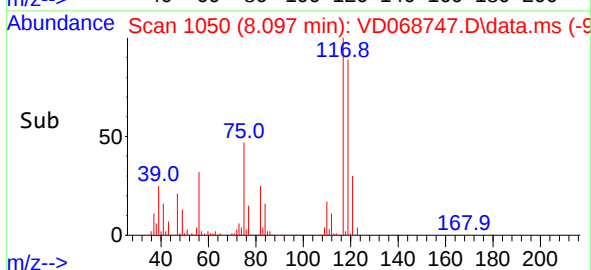
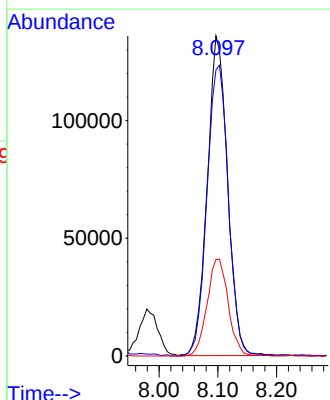
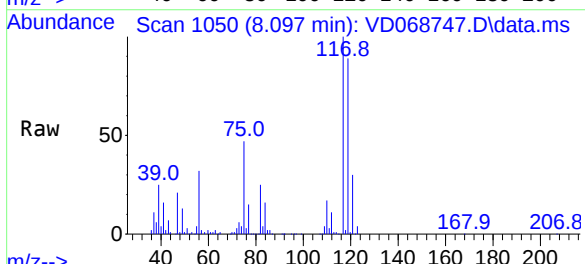
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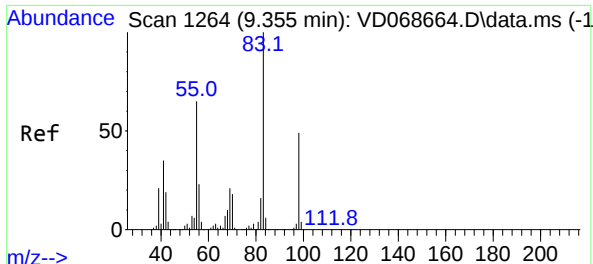


#38  
Carbon Tetrachloride  
Concen: 46.49 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 117 Resp: 326195

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 89.5  | 76.6  | 115.0 |
| 121 | 30.2  | 26.1  | 39.1  |





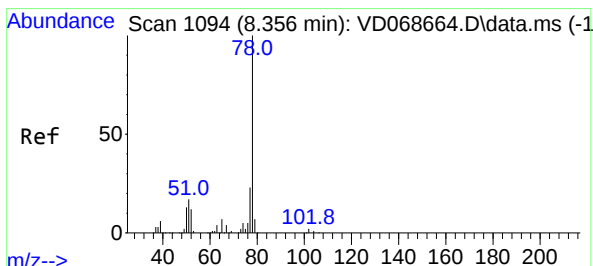
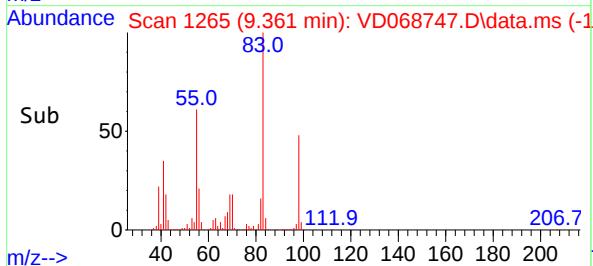
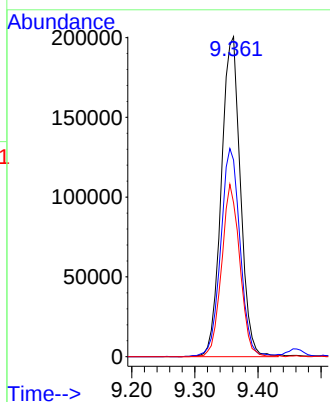
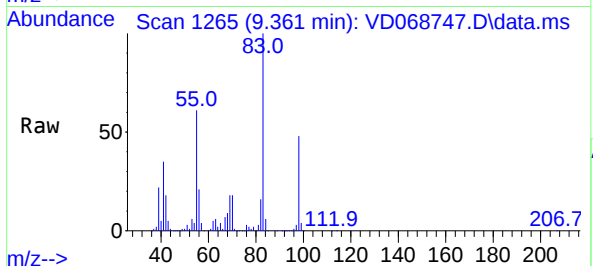
#39  
Methylcyclohexane  
Concen: 48.55 ug/l  
RT: 9.361 min Scan# 1265  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 83 Resp: 421241  
Ion Ratio Lower Upper  
83 100  
55 61.4 51.7 77.5  
98 48.1 38.8 58.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

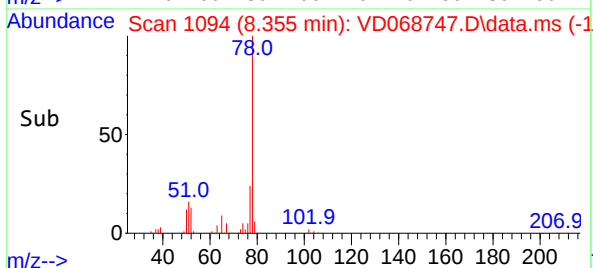
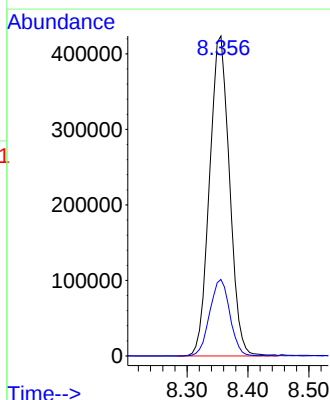
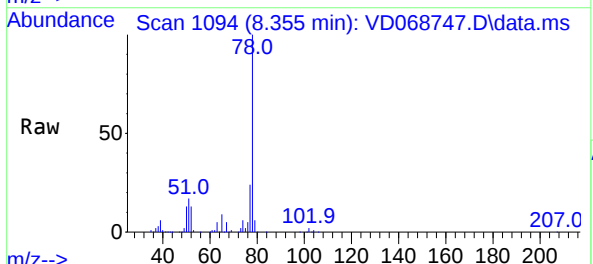
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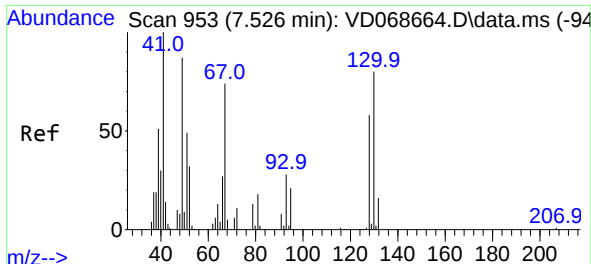
MMDadoda  
4/1/2021 3:20:43 PM



#40  
Benzene  
Concen: 47.04 ug/l  
RT: 8.355 min Scan# 1094  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

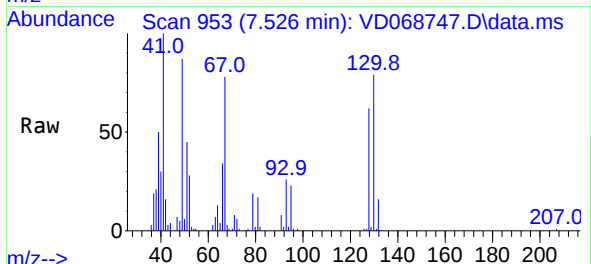
Tgt Ion: 78 Resp: 964828  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.2 27.2





#41  
Methacrylonitrile  
Concen: 45.28 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

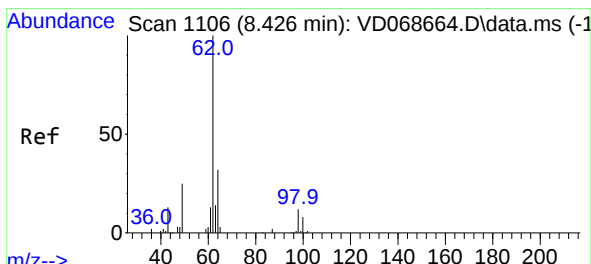
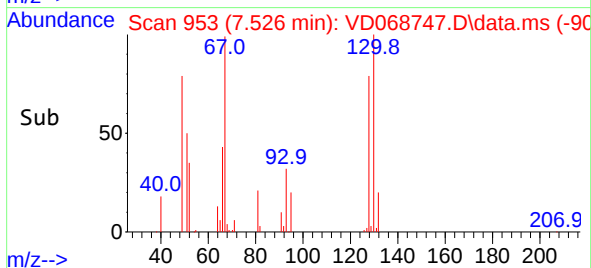
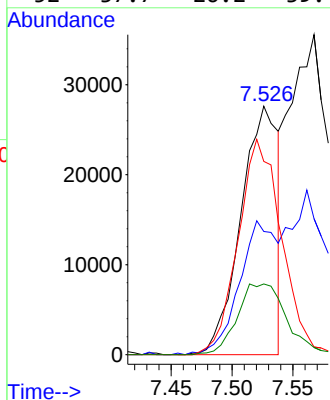
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 41 Resp: 58790  
Ion Ratio Lower Upper  
41 100  
39 54.2 43.2 64.8  
67 102.2 63.9 95.9#  
52 37.7 26.2 39.4

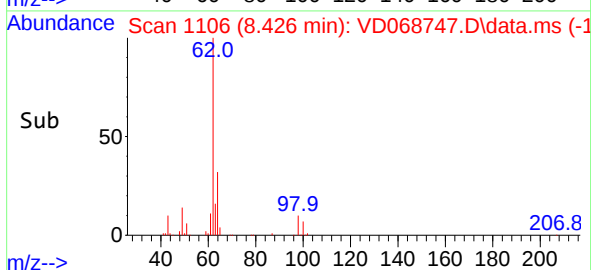
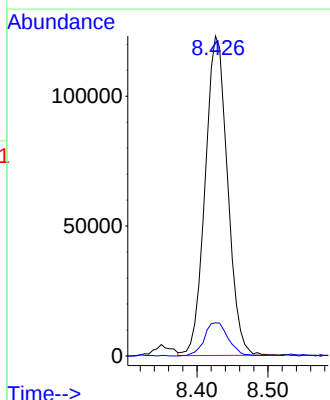
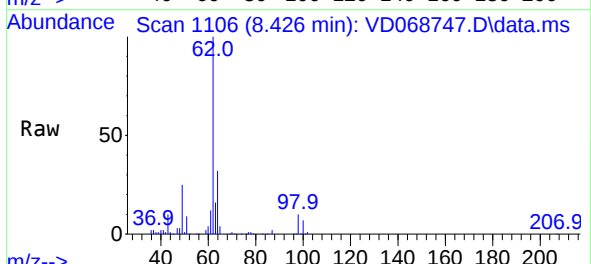
Manual Integrations  
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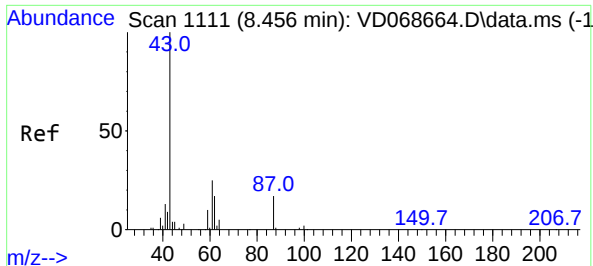
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#42  
1,2-Dichloroethane  
Concen: 50.29 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 62 Resp: 269901  
Ion Ratio Lower Upper  
62 100  
98 11.3 0.0 22.6





#43

Isopropyl Acetate  
Concen: 51.24 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

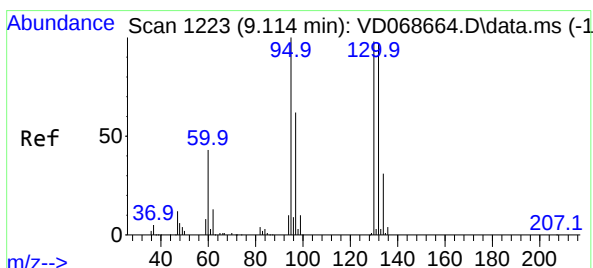
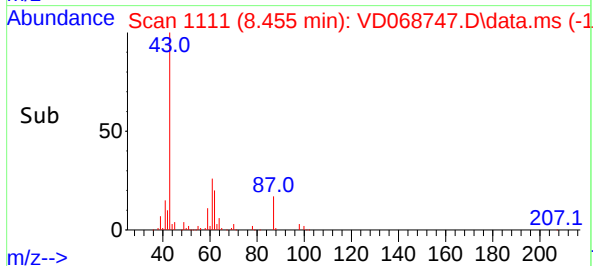
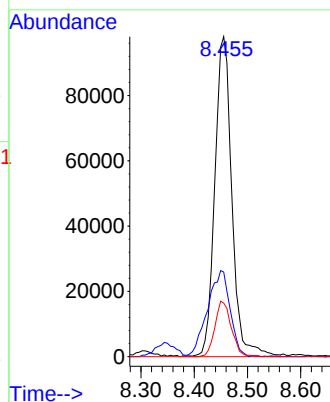
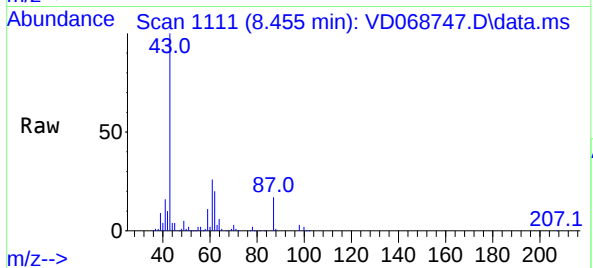
Tgt Ion: 43 Resp: 218044

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 35.6  | 29.5  | 44.3  |
| 87  | 16.7  | 13.5  | 20.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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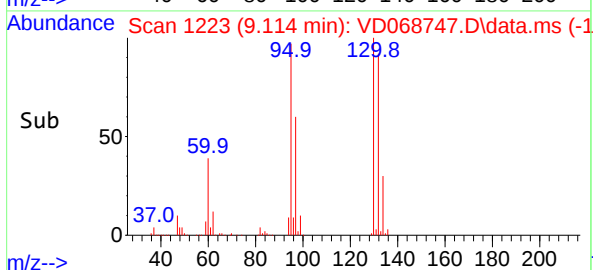
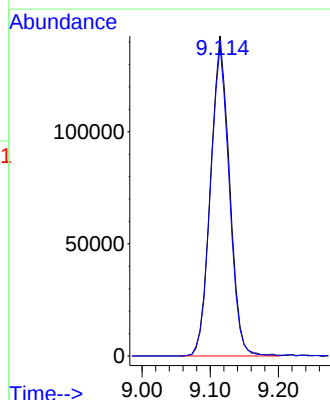
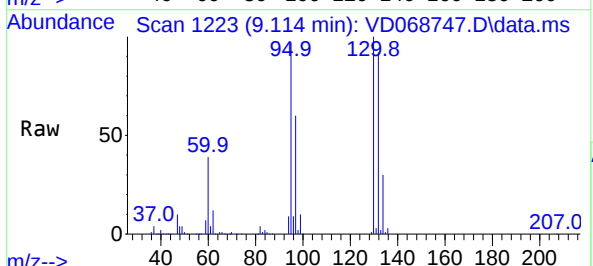


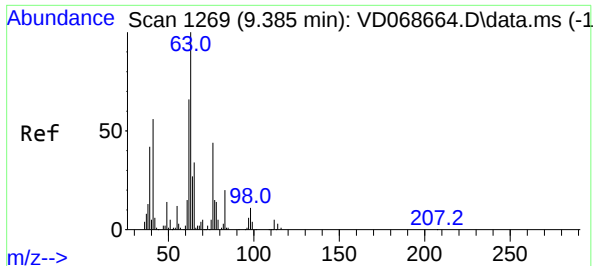
#44

Trichloroethene  
Concen: 48.57 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:130 Resp: 276474

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 96.9  | 0.0   | 203.8 |





#45

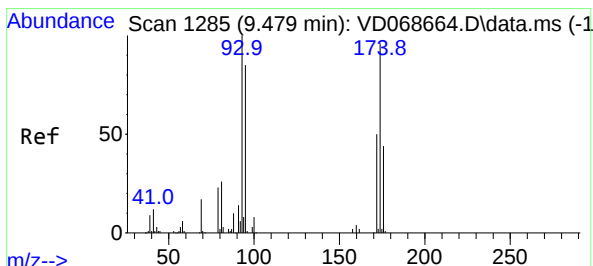
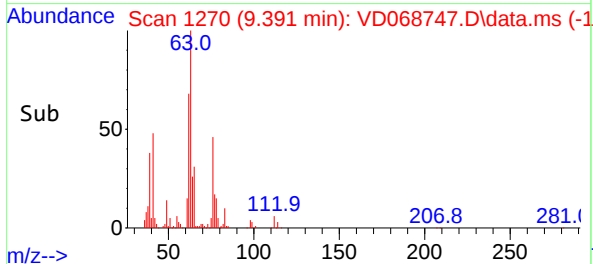
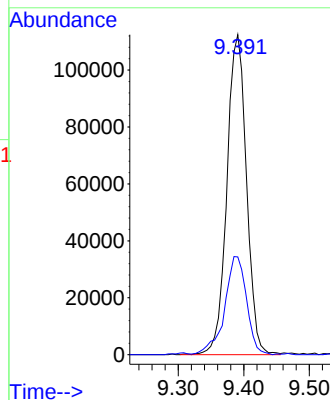
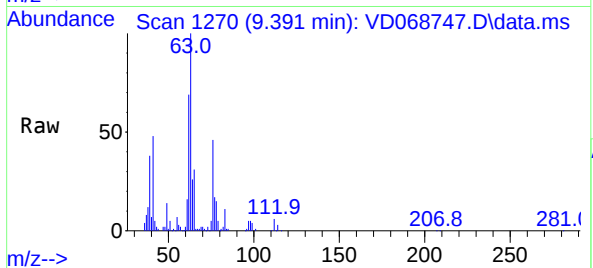
1,2-Dichloropropane  
Concen: 47.59 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 63 Resp: 233507  
Ion Ratio Lower Upper  
63 100  
65 30.4 27.0 40.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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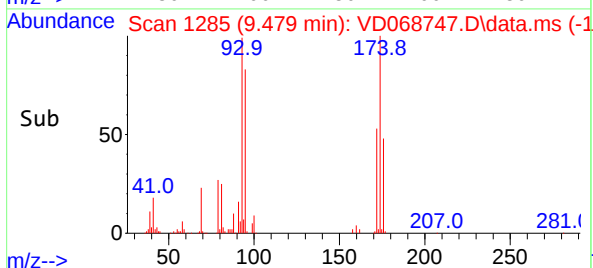
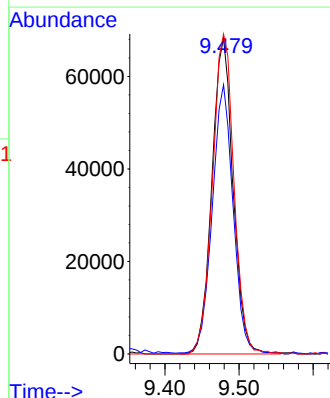
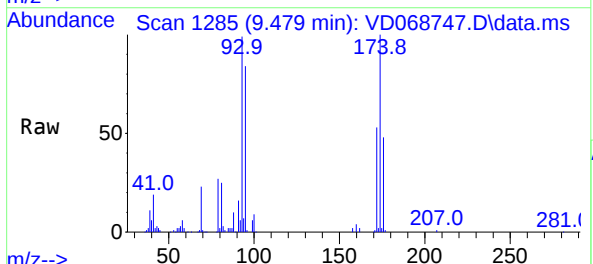
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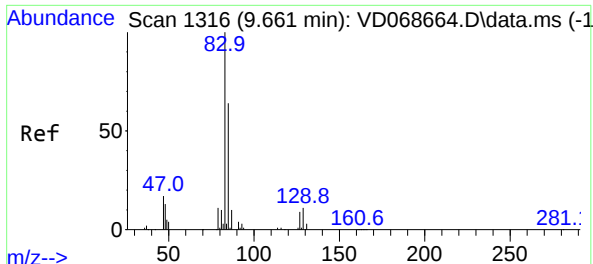


#46

Dibromomethane  
Concen: 48.53 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

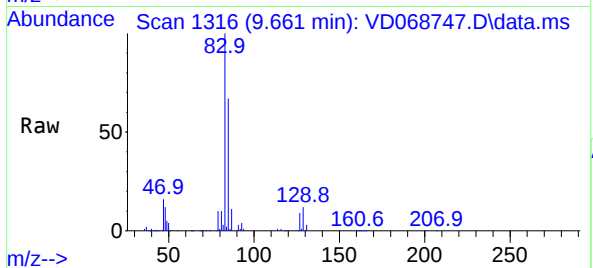
Tgt Ion: 93 Resp: 135412  
Ion Ratio Lower Upper  
93 100  
95 83.5 64.5 96.7  
174 102.9 75.3 112.9





#47  
Bromodichloromethane  
Concen: 48.93 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

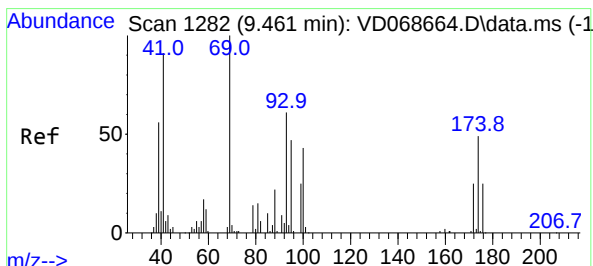
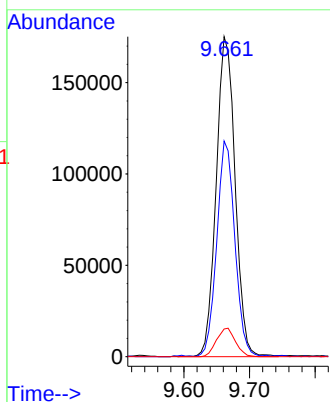
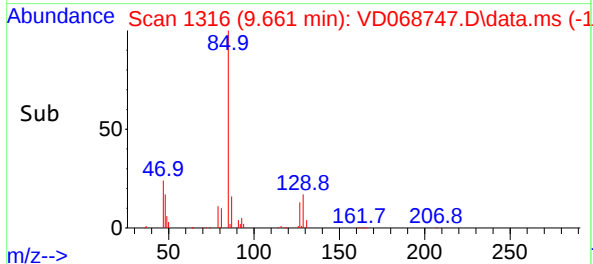
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



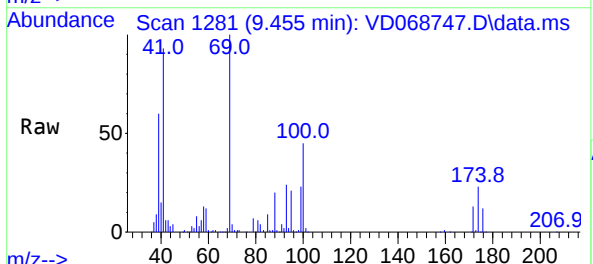
Tgt Ion: 83 Resp: 350230  
Ion Ratio Lower Upper  
83 100  
85 67.2 51.0 76.6  
127 8.6 7.1 10.7

Manual Integrations  
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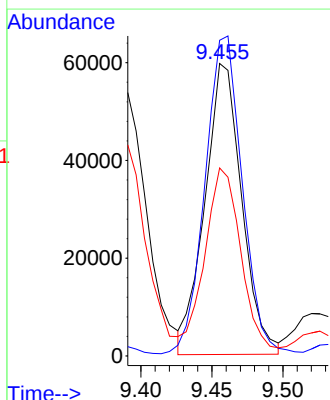
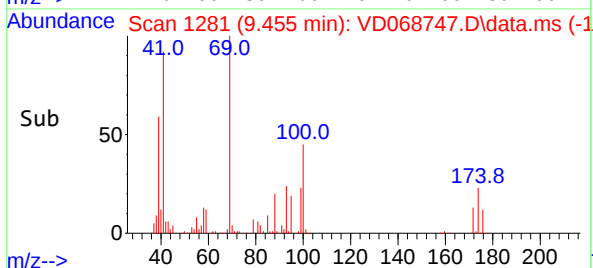
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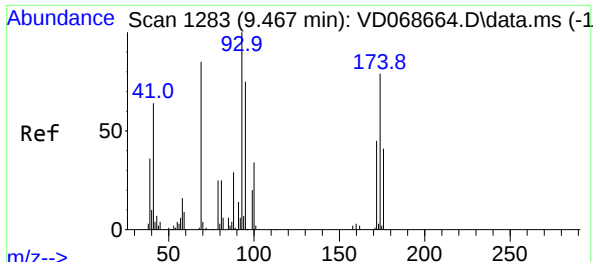


#48  
Methyl methacrylate  
Concen: 49.95 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



Tgt Ion: 41 Resp: 107727  
Ion Ratio Lower Upper  
41 100  
69 112.3 83.0 124.6  
39 58.1 47.0 70.6





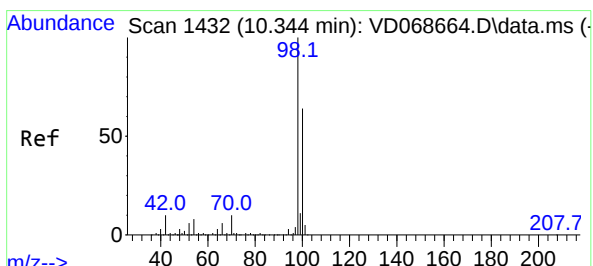
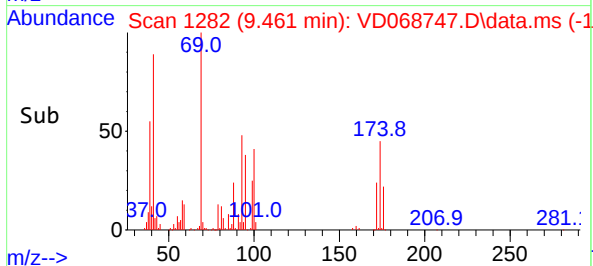
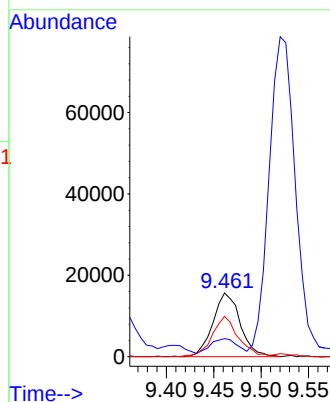
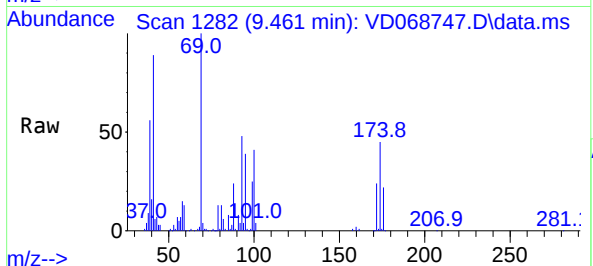
#49  
1,4-Dioxane  
Concen: 1009.82 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 88 Resp: 31311  
Ion Ratio Lower Upper  
88 100  
43 21.9 25.8 38.8#  
58 60.7 54.0 81.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

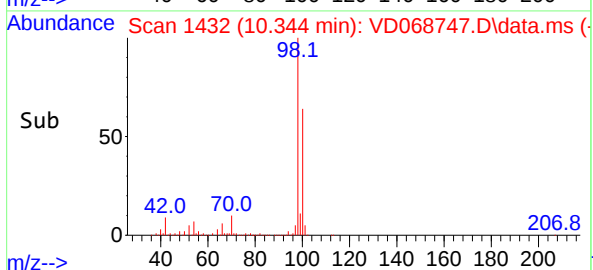
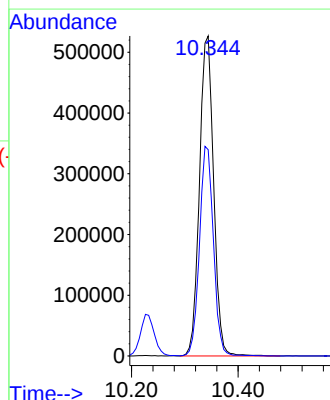
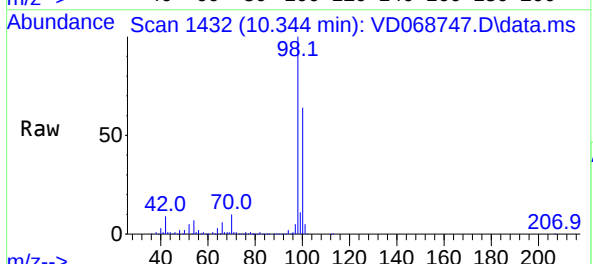
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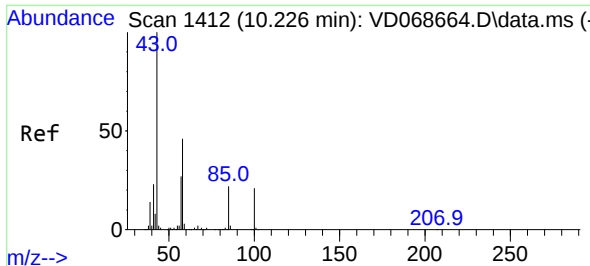
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#50  
Toluene-d8  
Concen: 51.42 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 98 Resp: 970880  
Ion Ratio Lower Upper  
98 100  
100 64.1 51.8 77.6





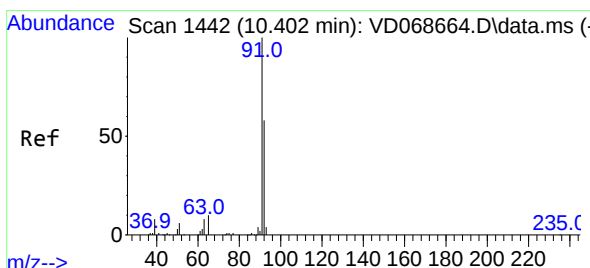
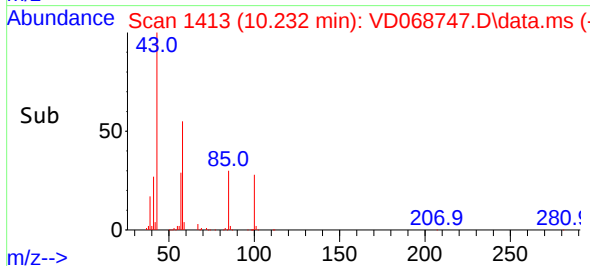
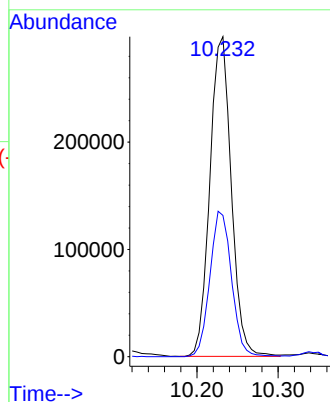
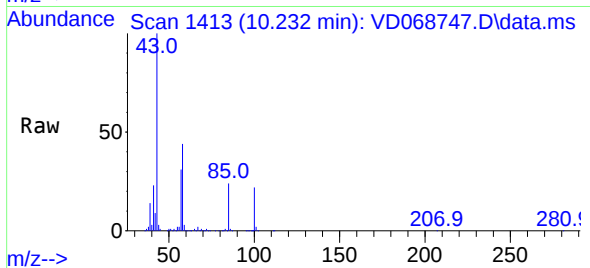
#51  
4-Methyl-2-Pentanone  
Concen: 246.68 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 43 Resp: 546483  
Ion Ratio Lower Upper  
43 100  
58 46.0 37.3 55.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

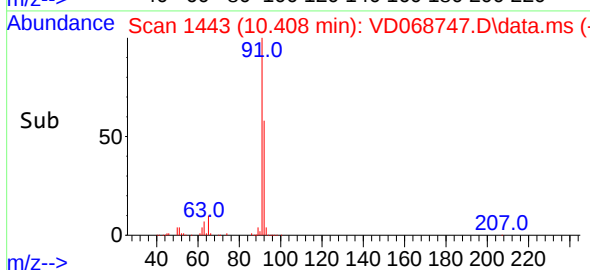
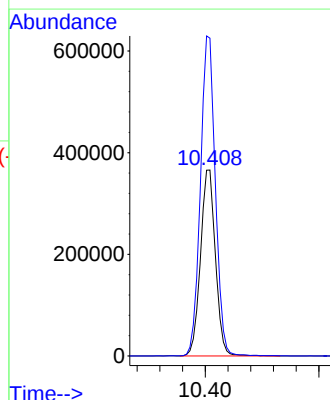
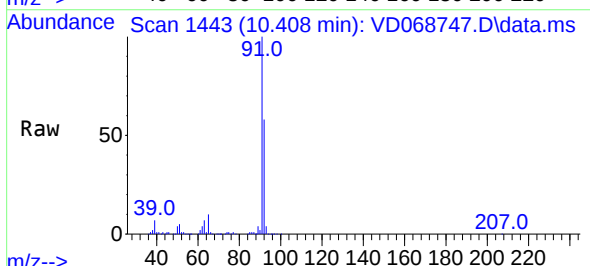
Manual Integrations  
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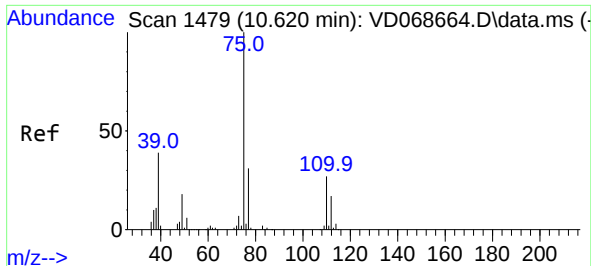
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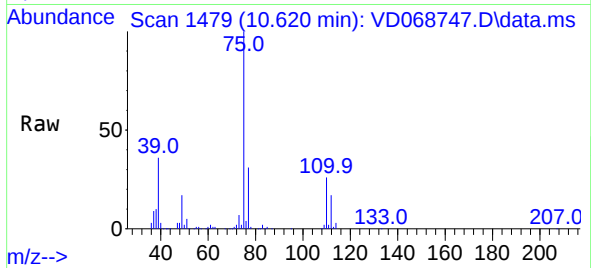
#52  
Toluene  
Concen: 51.40 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 92 Resp: 667196  
Ion Ratio Lower Upper  
92 100  
91 172.5 139.1 208.7

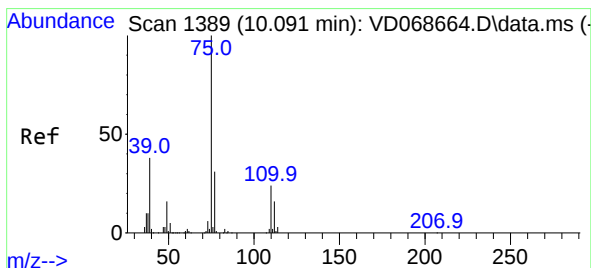
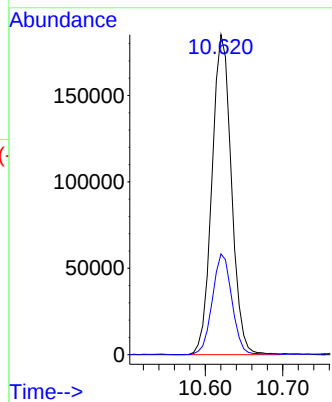
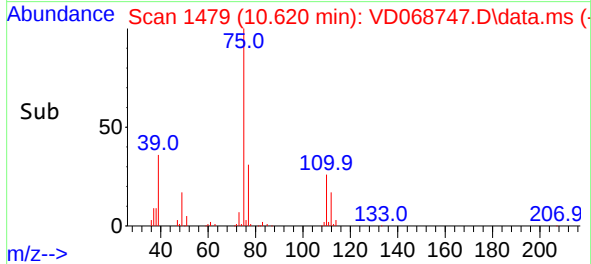




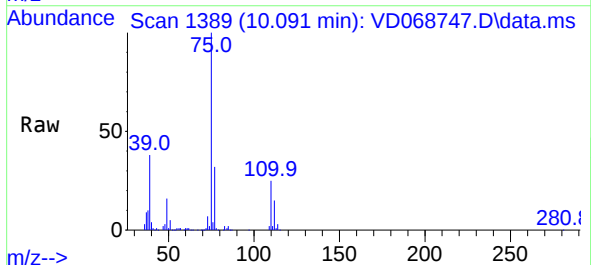
#53  
 t-1,3-Dichloropropene  
 Concen: 49.09 ug/l  
 RT: 10.620 min Scan# 1479  
 Delta R.T. -0.000 min  
 Lab File: VD068747.D  
 Acq: 31 Mar 2021 20:22



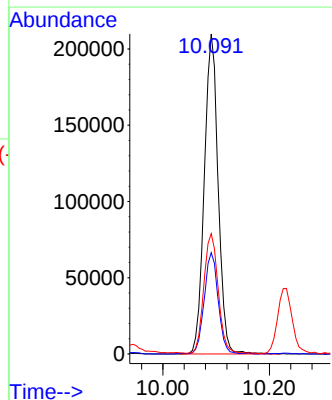
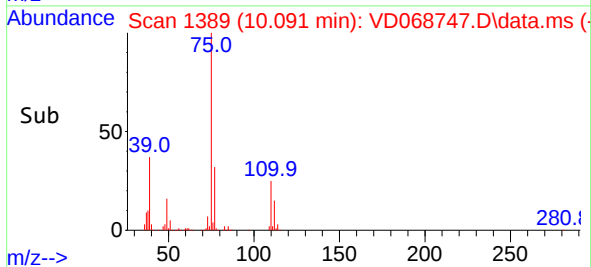
Tgt Ion: 75 Resp: 323260  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.1 37.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.27 ug/l  
 RT: 10.091 min Scan# 1389  
 Delta R.T. -0.000 min  
 Lab File: VD068747.D  
 Acq: 31 Mar 2021 20:22



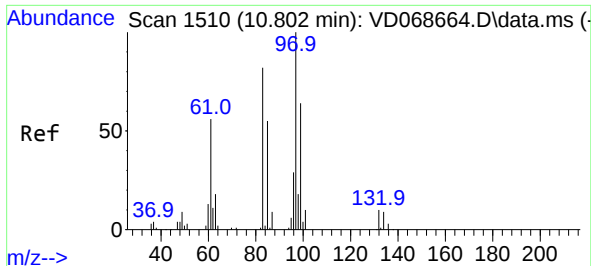
Tgt Ion: 75 Resp: 377460  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.7 37.1  
 39 37.3 30.2 45.2



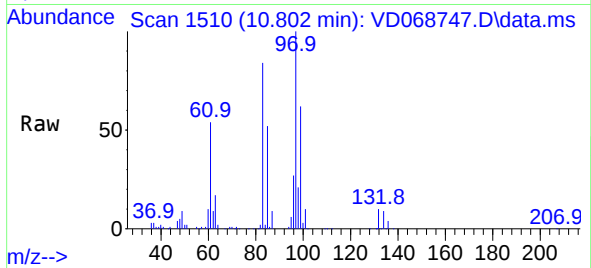
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
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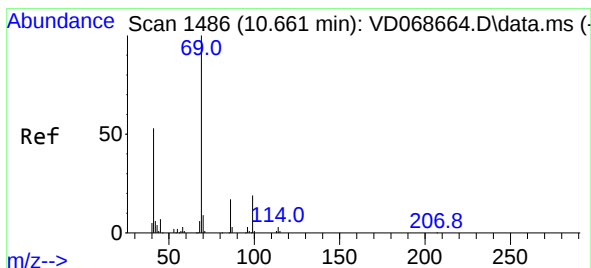
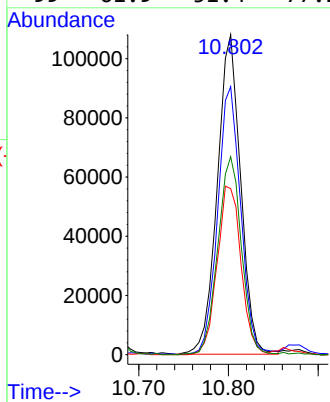
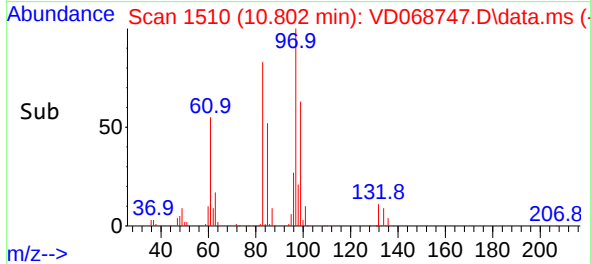
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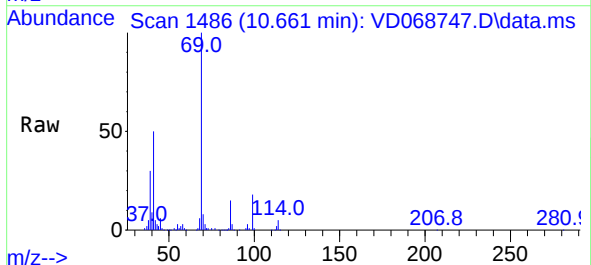
#55  
1,1,2-Trichloroethane  
Concen: 49.69 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



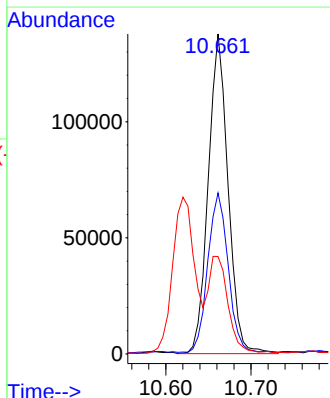
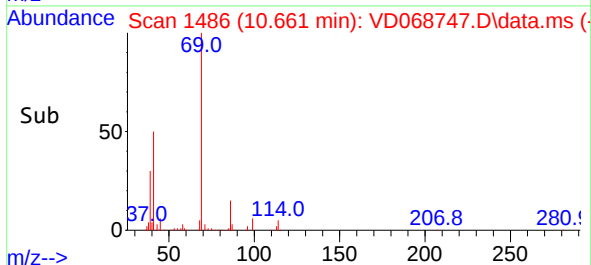
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 195055 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.9  | 65.7  | 98.5   |
| 85       | 52.0  | 44.3  | 66.5   |
| 99       | 61.9  | 51.4  | 77.2   |



#56  
Ethyl methacrylate  
Concen: 52.28 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



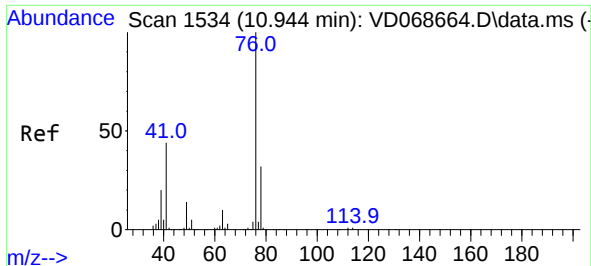
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 221748 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 51.6  | 42.2  | 63.4   |
| 39       | 30.4  | 24.2  | 36.2   |



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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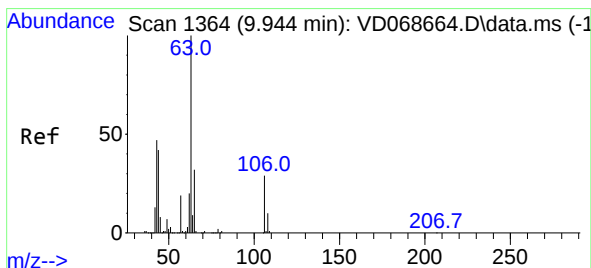
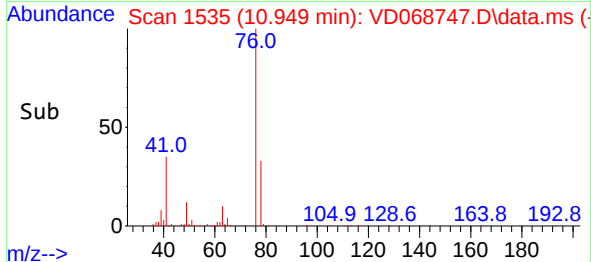
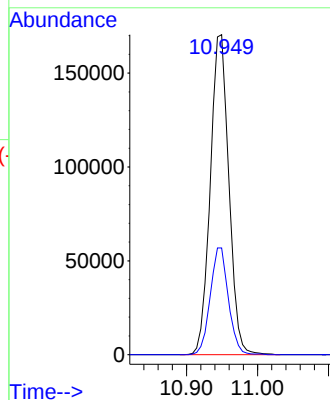
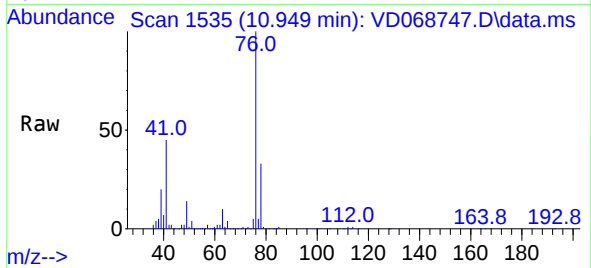
#57  
1,3-Dichloropropane  
Concen: 48.32 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 76 Resp: 309471  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.8 38.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

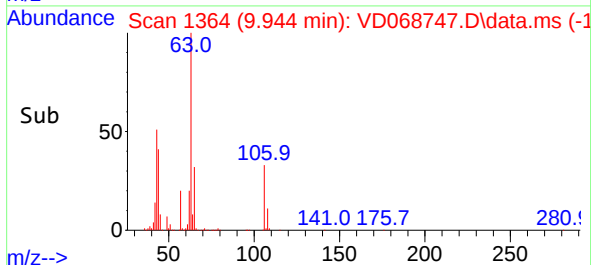
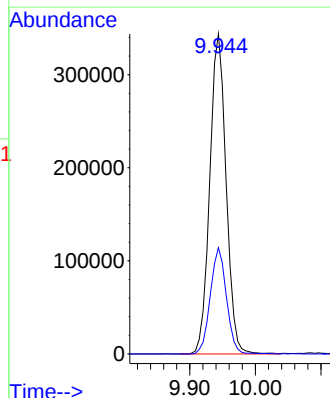
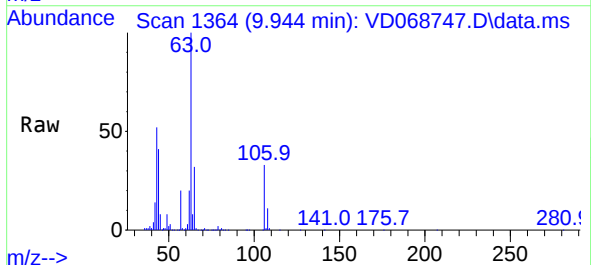
Manual Integrations  
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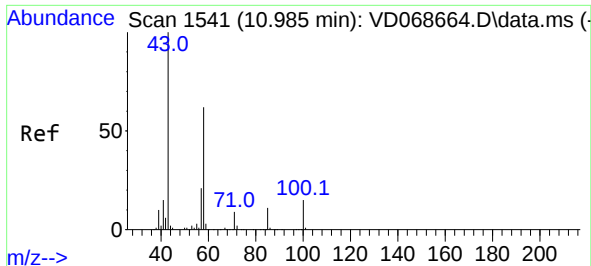
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#58  
2-Chloroethyl Vinyl ether  
Concen: 275.59 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

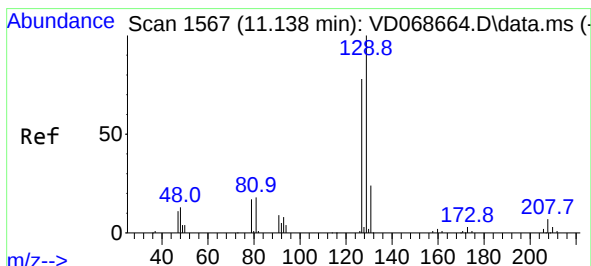
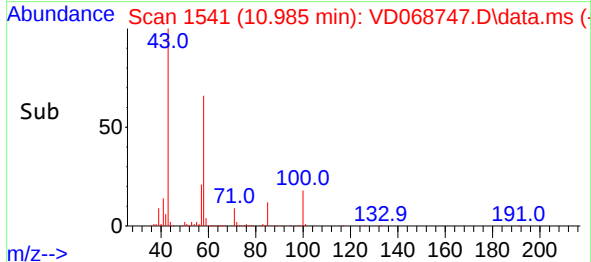
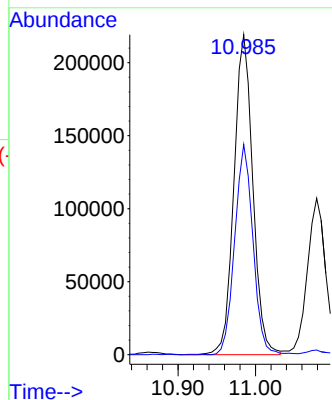
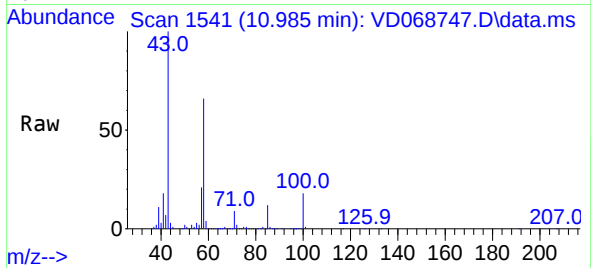
Tgt Ion: 63 Resp: 595504  
Ion Ratio Lower Upper  
63 100  
106 32.7 24.6 36.8





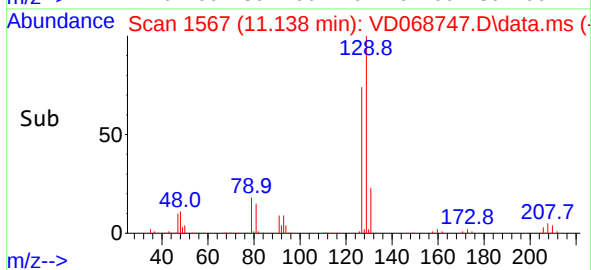
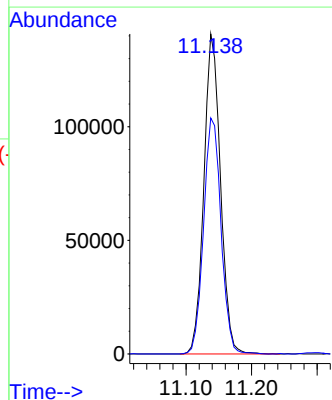
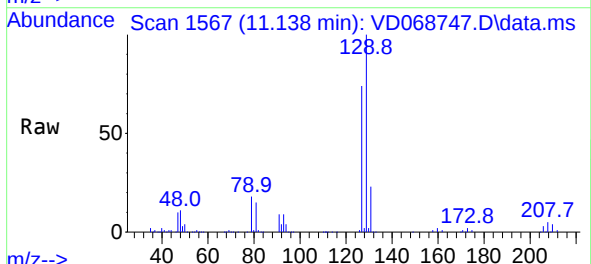
#59  
2-Hexanone  
Concen: 249.88 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 43 Resp: 371709  
Ion Ratio Lower Upper  
43 100  
58 63.8 31.3 93.8



#60  
Dibromochloromethane  
Concen: 51.00 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

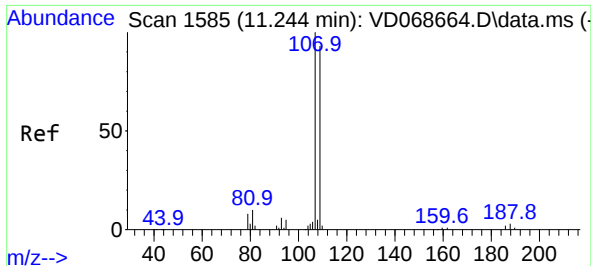
Tgt Ion: 129 Resp: 248276  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.8 116.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

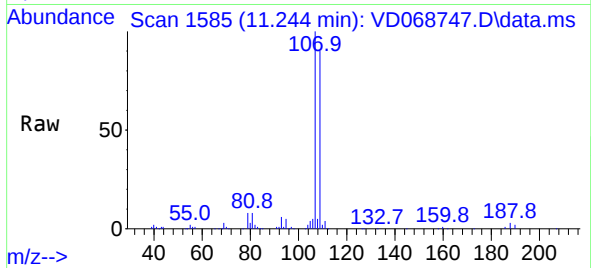
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#61  
1,2-Dibromoethane  
Concen: 50.52 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

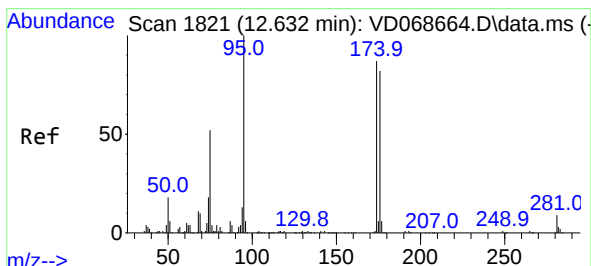
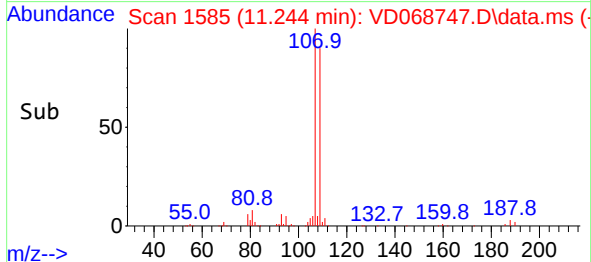
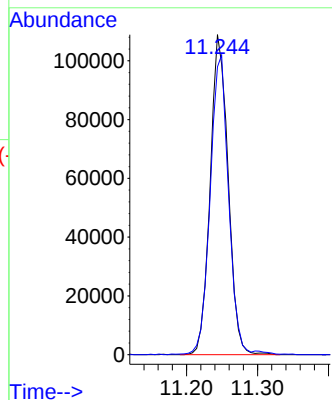
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



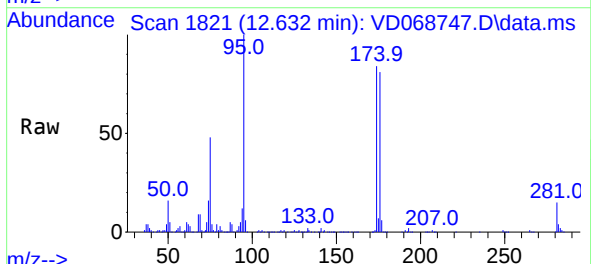
Tgt Ion:107 Resp: 191391  
Ion Ratio Lower Upper  
107 100  
109 96.5 74.9 112.3

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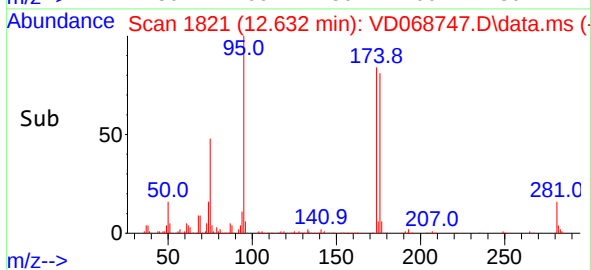
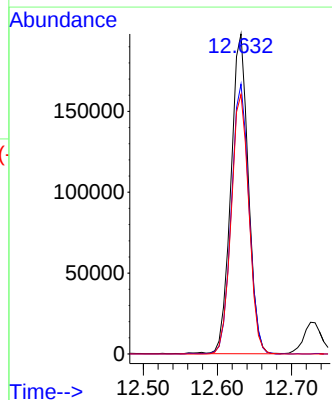
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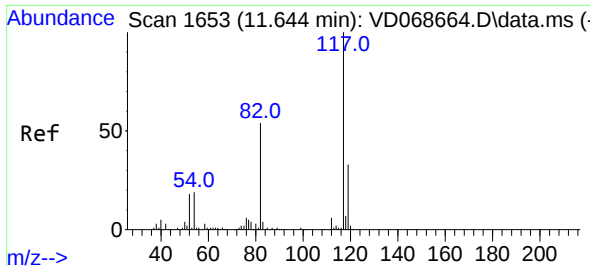


#62  
4-Bromofluorobenzene  
Concen: 52.81 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



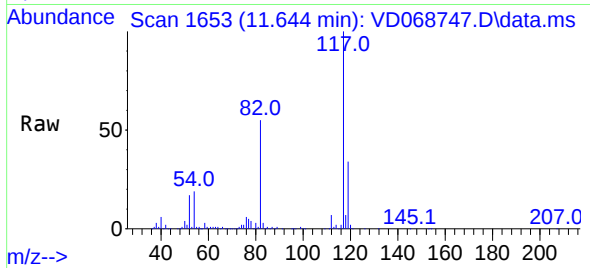
Tgt Ion: 95 Resp: 323261  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 168.0  
176 81.9 0.0 160.2





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

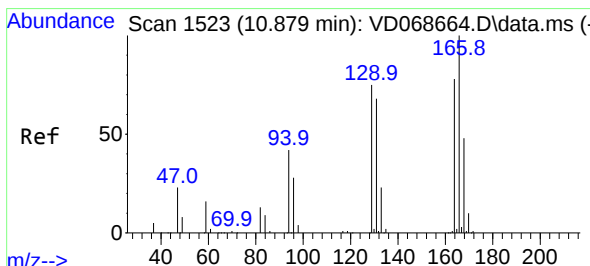
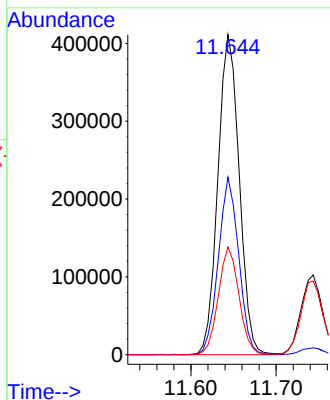
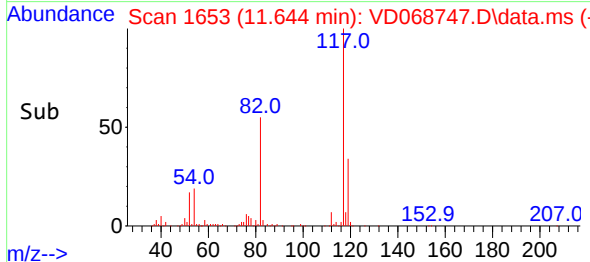
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



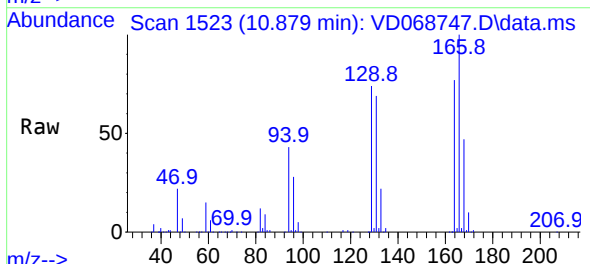
Tgt Ion:117 Resp: 717069  
Ion Ratio Lower Upper  
117 100  
82 55.4 43.5 65.3  
119 33.6 26.7 40.1

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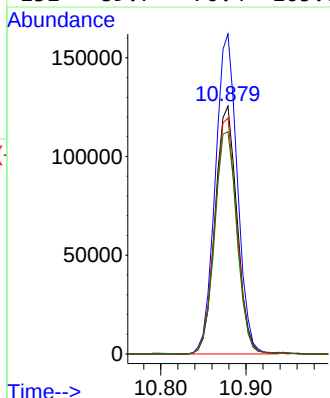
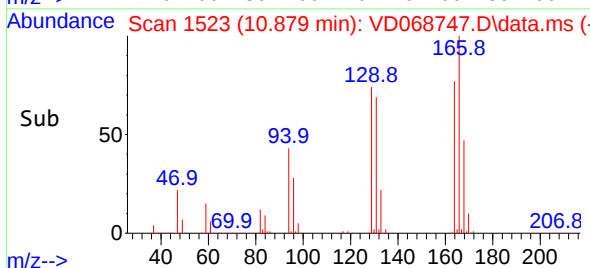
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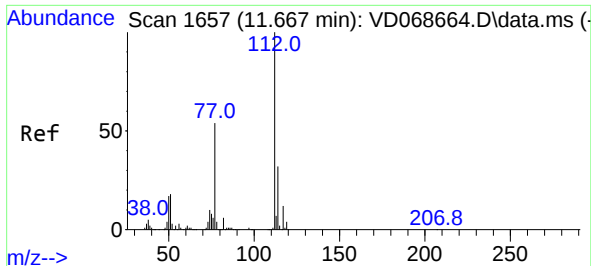


#64  
Tetrachloroethene  
Concen: 48.50 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



Tgt Ion:164 Resp: 225445  
Ion Ratio Lower Upper  
164 100  
166 129.1 103.0 154.6  
129 95.2 77.4 116.0  
131 89.7 70.4 105.6





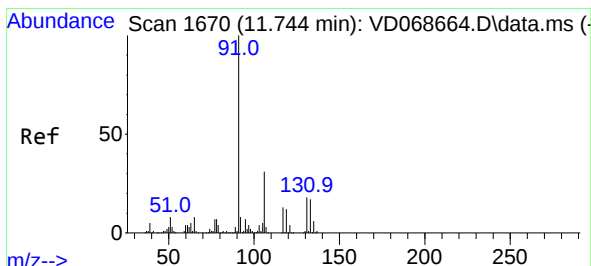
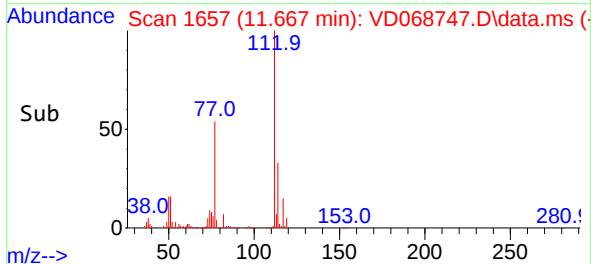
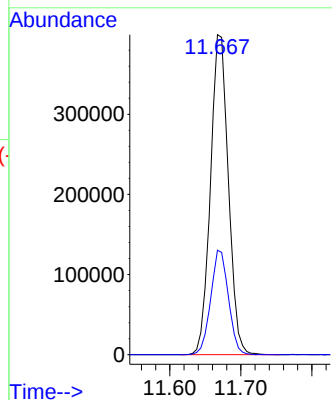
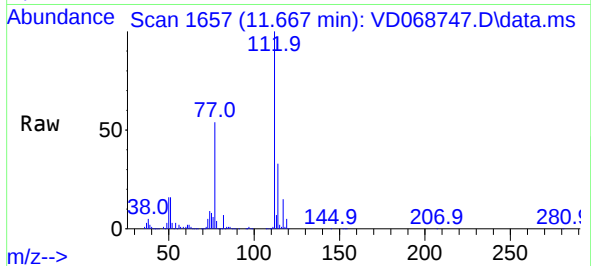
#65  
Chlorobenzene  
Concen: 49.53 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:112 Resp: 699042  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.2 37.8

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

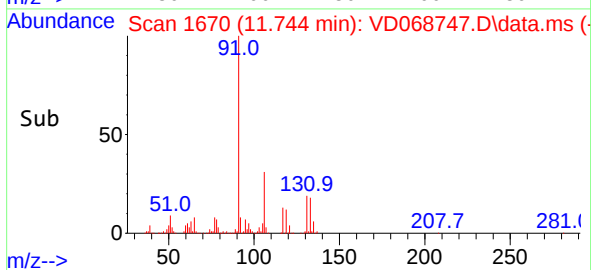
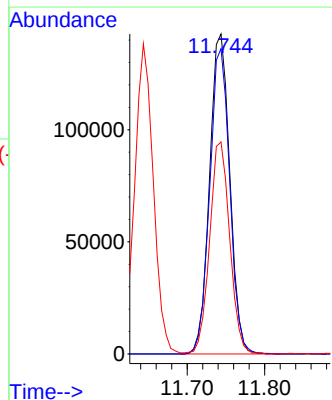
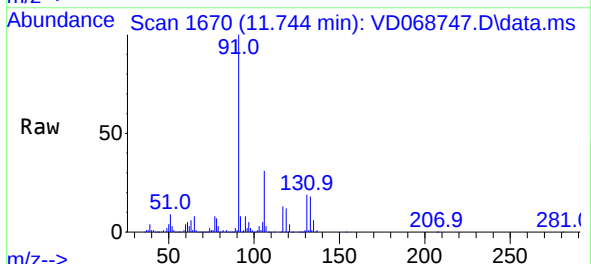
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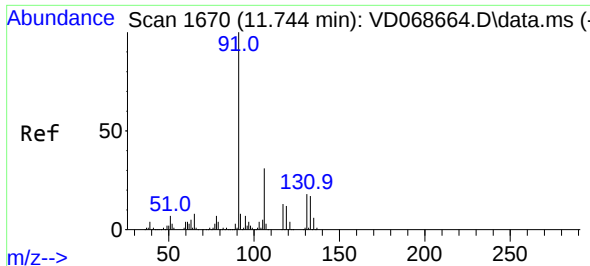
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.79 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:131 Resp: 257899  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.0 141.2  
119 65.9 32.8 98.3





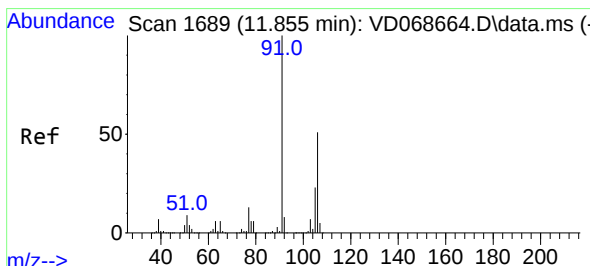
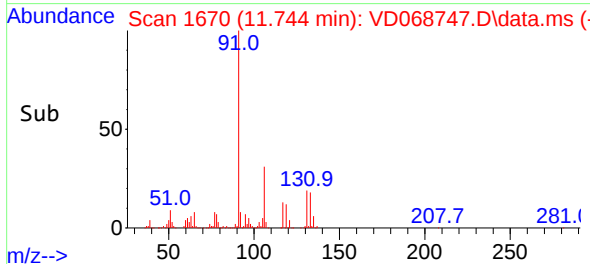
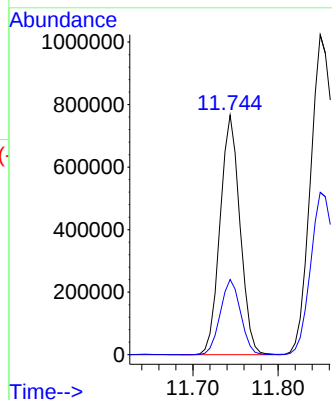
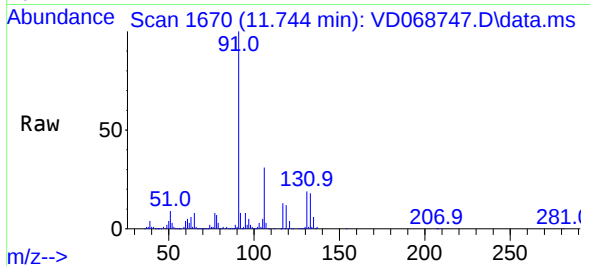
#67  
Ethyl Benzene  
Concen: 50.57 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 91 Resp: 1244852  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

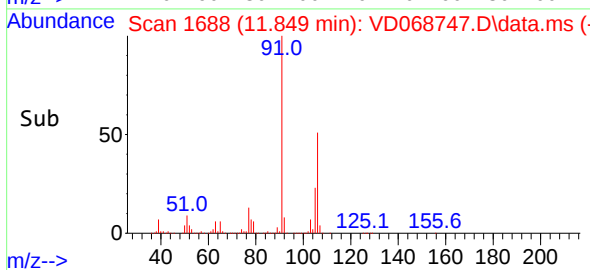
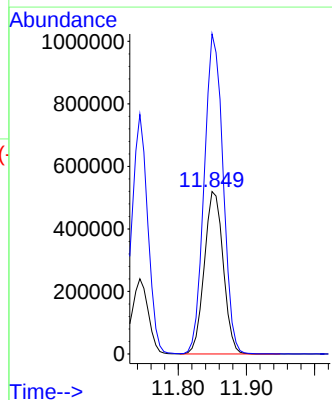
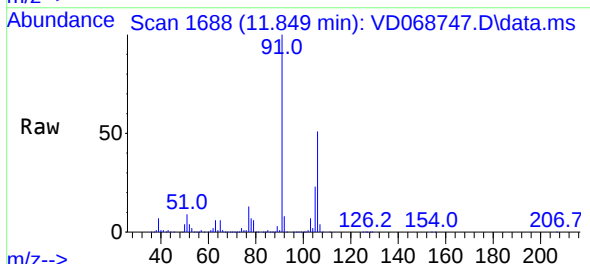
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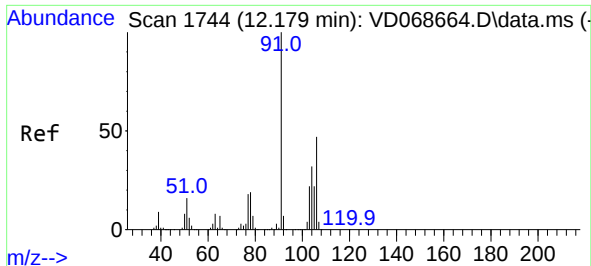
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#68  
m/p-Xylenes  
Concen: 104.31 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:106 Resp: 1000528  
Ion Ratio Lower Upper  
106 100  
91 196.6 158.6 238.0





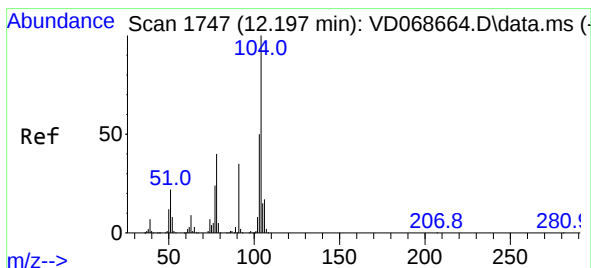
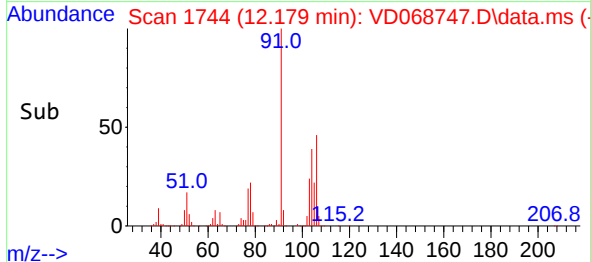
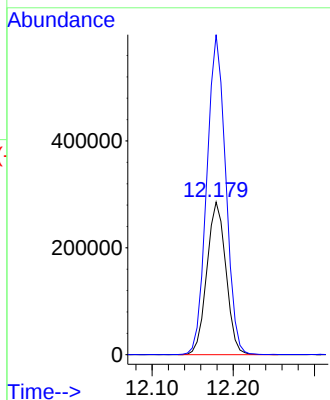
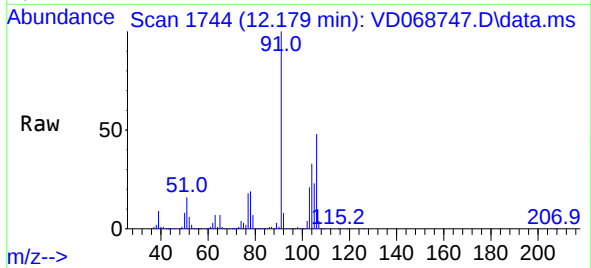
#69  
o-Xylene  
Concen: 52.26 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:106 Resp: 464553  
Ion Ratio Lower Upper  
106 100  
91 208.4 105.0 315.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

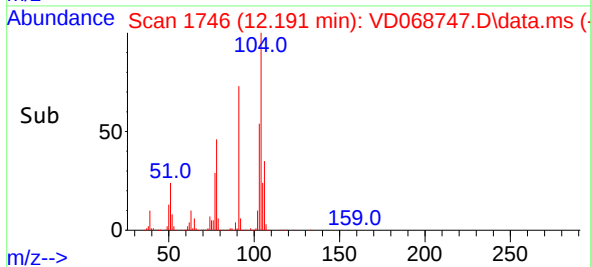
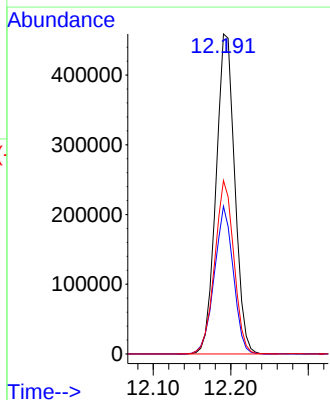
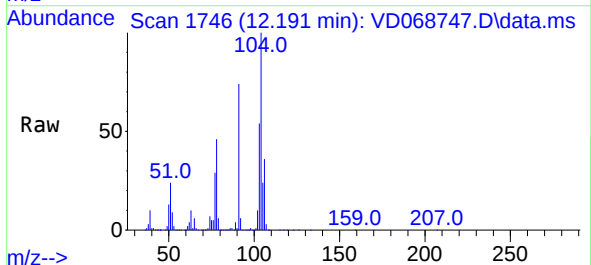
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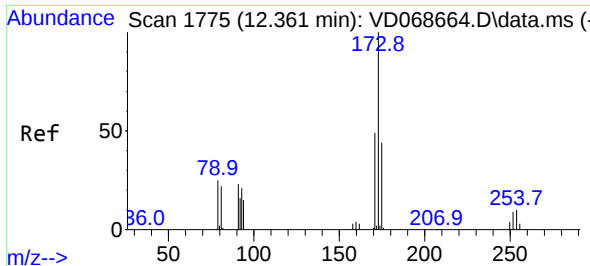
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#70  
Styrene  
Concen: 50.50 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:104 Resp: 771554  
Ion Ratio Lower Upper  
104 100  
78 46.6 36.9 55.3  
103 55.4 44.3 66.5





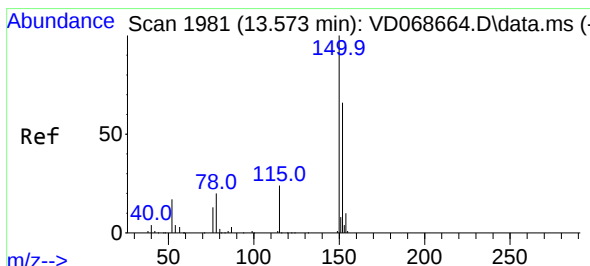
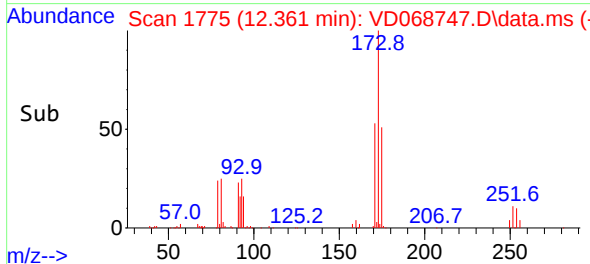
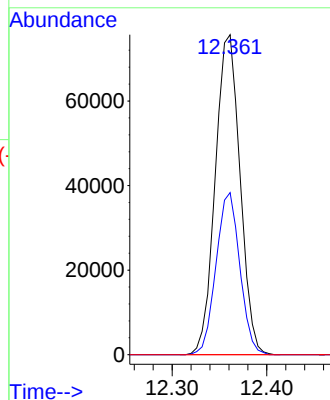
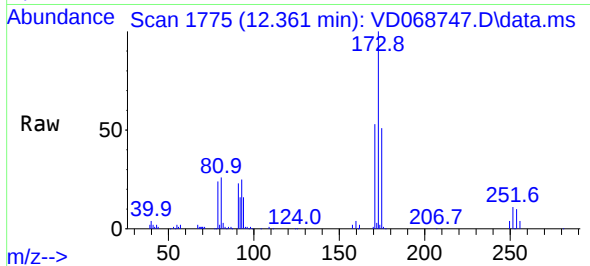
#71  
Bromoform  
Concen: 51.42 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:173 Resp: 137700  
Ion Ratio Lower Upper  
173 100  
175 48.5 23.6 71.0  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

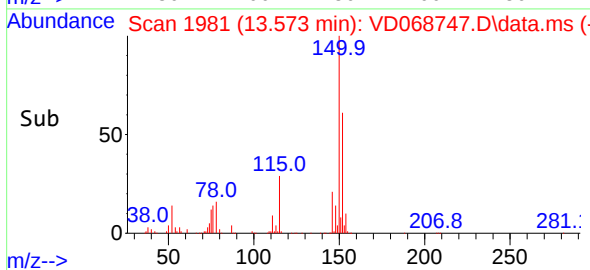
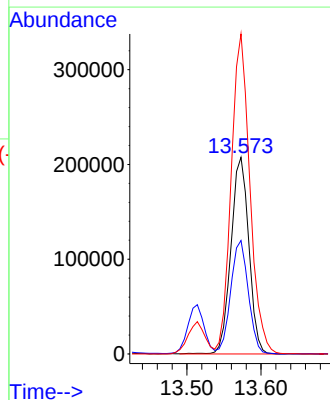
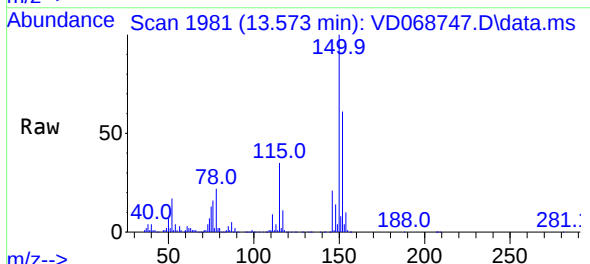
Manual Integrations  
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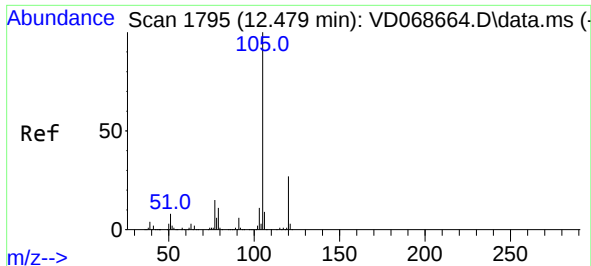
MMDadoda  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:152 Resp: 347420  
Ion Ratio Lower Upper  
152 100  
115 56.9 29.3 87.8  
150 170.4 0.0 347.6





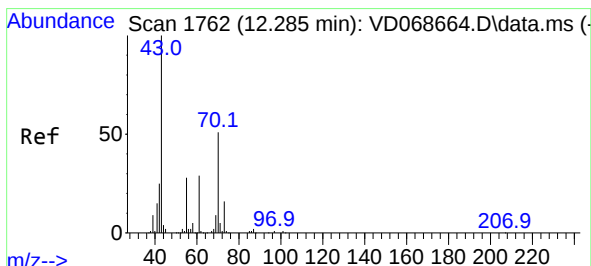
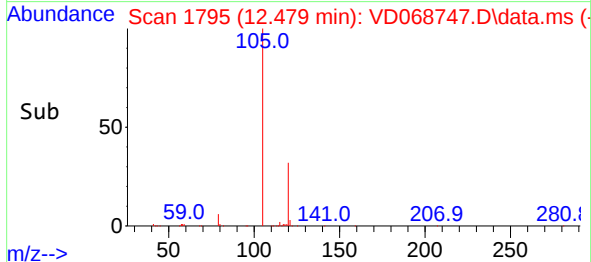
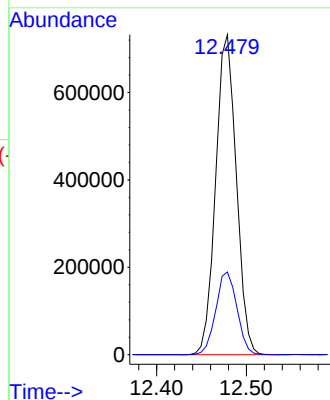
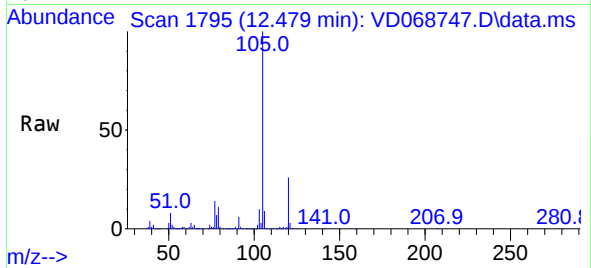
#73  
Isopropylbenzene  
Concen: 48.94 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 105 Resp: 1168222  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.4 40.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

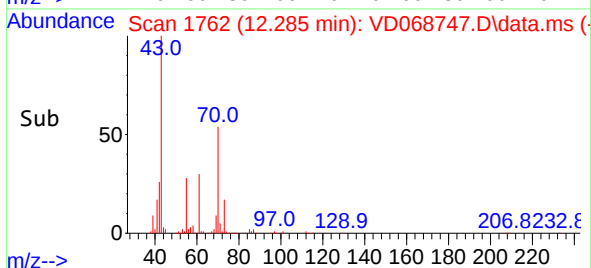
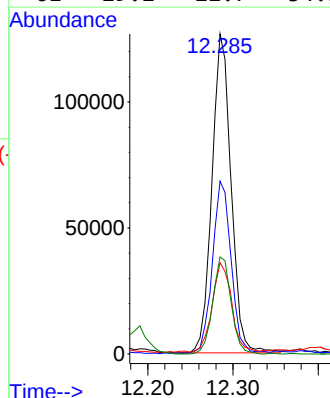
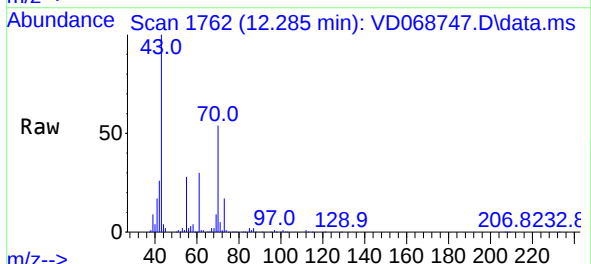
Manual Integrations  
APPROVED

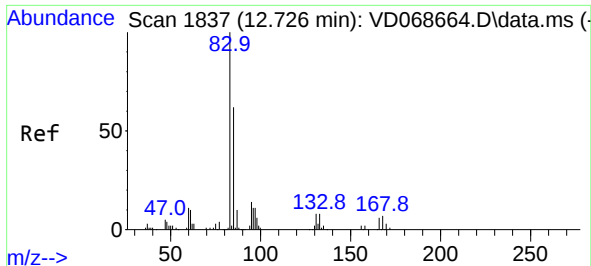
MMDadoda  
4/1/2021 3:20:43 PM



#74  
N-ethyl acetate  
Concen: 49.57 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 43 Resp: 197233  
Ion Ratio Lower Upper  
43 100  
70 53.0 41.9 62.9  
55 29.2 22.8 34.2  
61 29.2 22.7 34.1





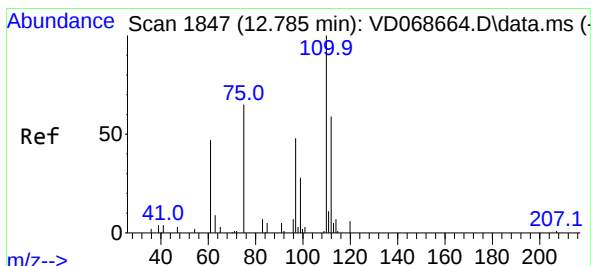
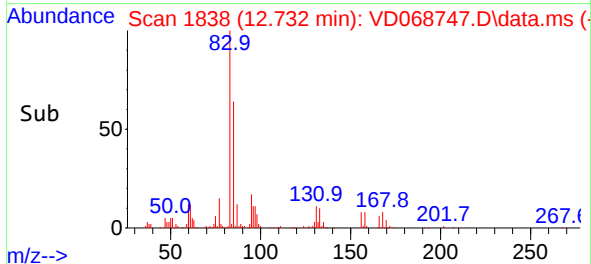
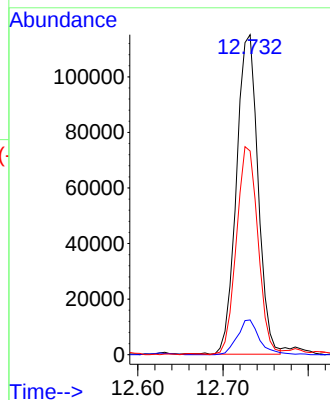
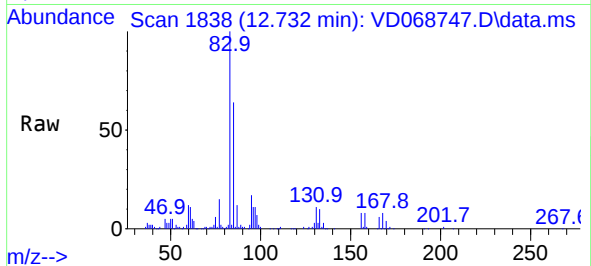
#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.95 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 83 Resp: 202227  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.1 15.3  
85 65.1 32.0 96.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

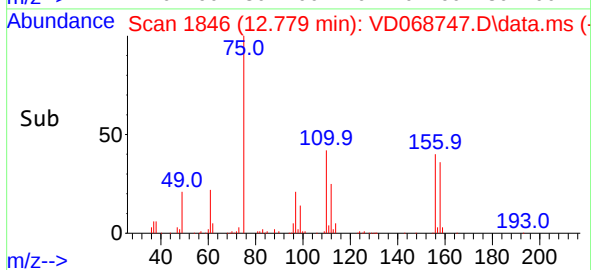
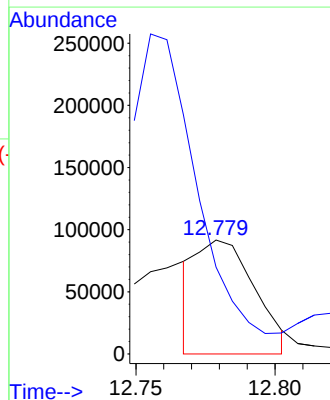
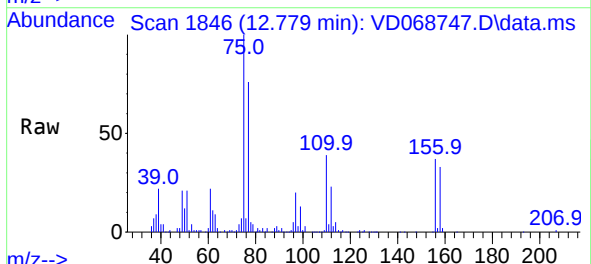
Manual Integrations  
APPROVED

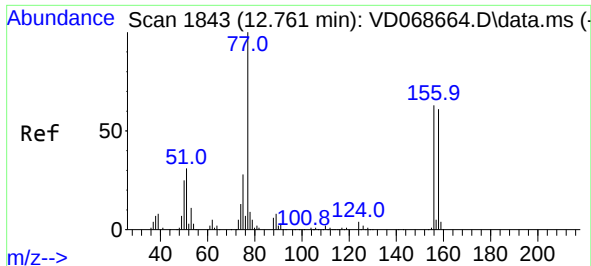
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#76  
1,2,3-Trichloropropane  
Concen: 46.34 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 75 Resp: 133992  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





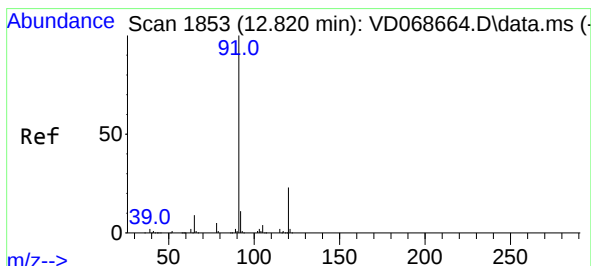
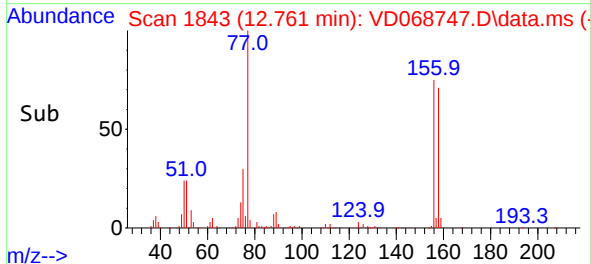
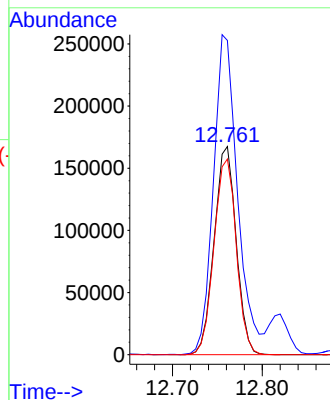
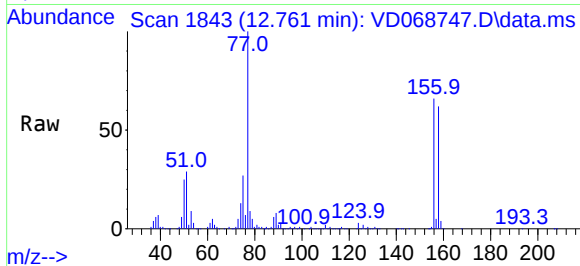
#77  
Bromobenzene  
Concen: 51.04 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:156 Resp: 285770  
Ion Ratio Lower Upper  
156 100  
77 167.2 88.9 266.8  
158 95.3 47.7 143.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

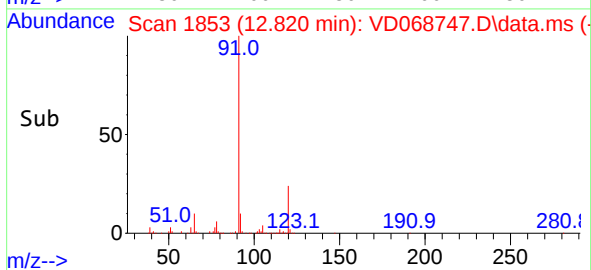
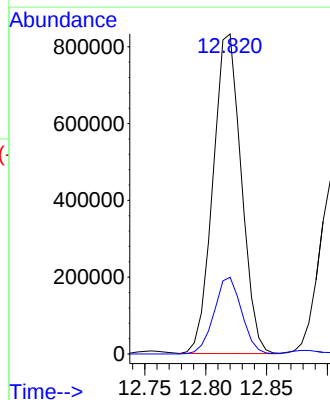
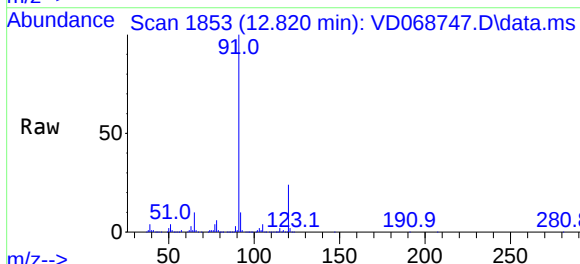
Manual Integrations  
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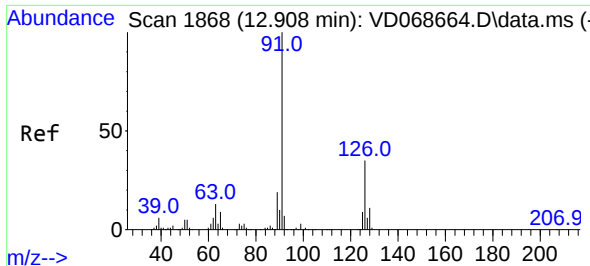
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#78  
n-propylbenzene  
Concen: 47.30 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

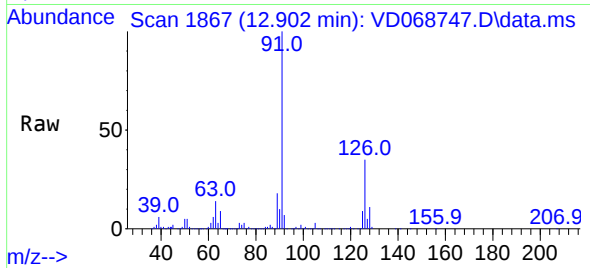
Tgt Ion: 91 Resp: 1344299  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.4 34.2





#79  
2-Chlorotoluene  
Concen: 49.71 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

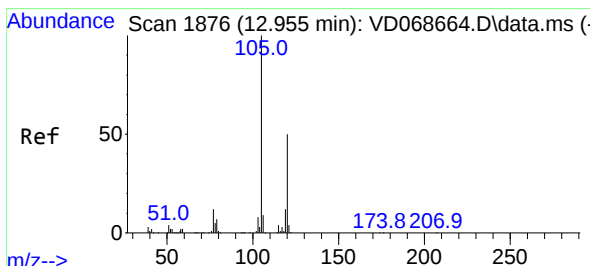
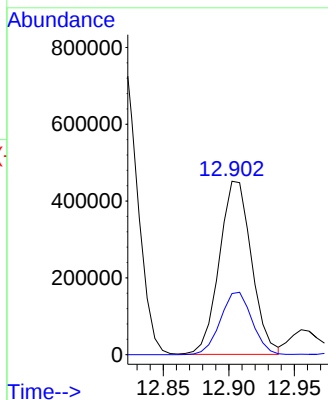
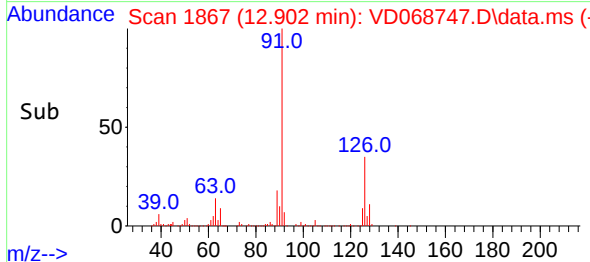
Instrument :  
MSVOA\_D  
ClientSampleId :  
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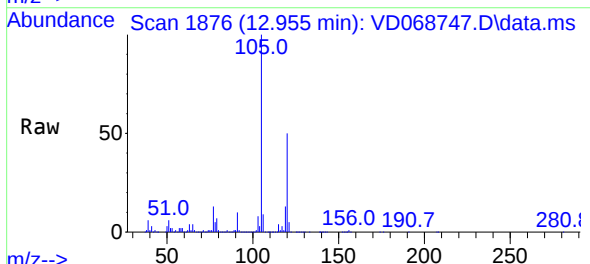
Tgt Ion: 91 Resp: 771049  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.1 51.3

Manual Integrations  
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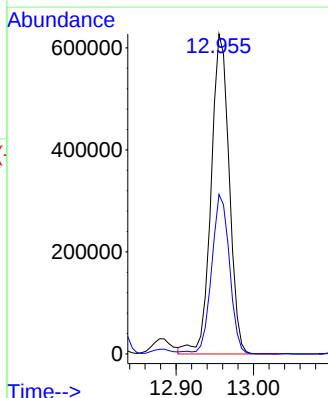
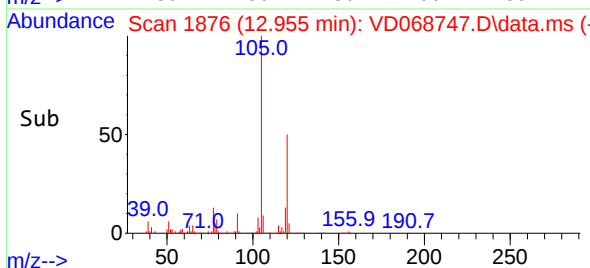
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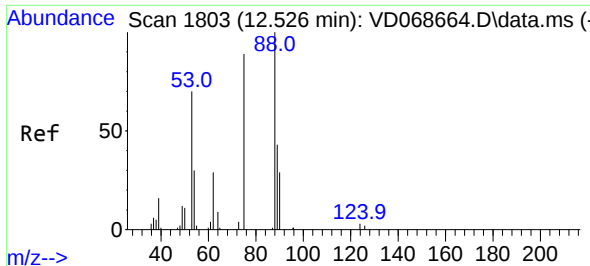


#80  
1,3,5-Trimethylbenzene  
Concen: 52.71 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

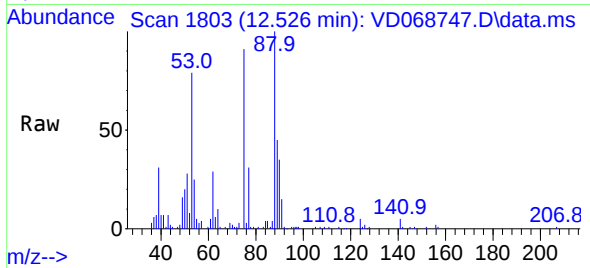


Tgt Ion: 105 Resp: 1017561  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.9 74.7

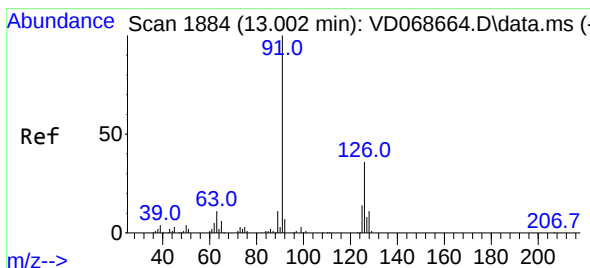
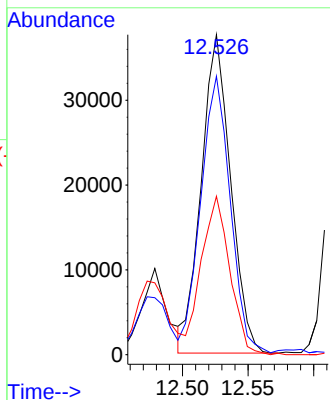
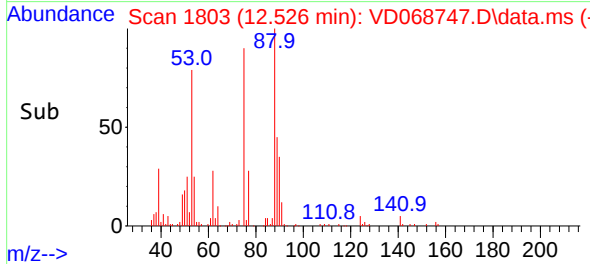




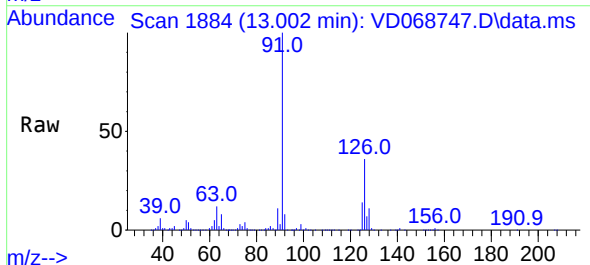
#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.93 ug/l  
RT: 12.526 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



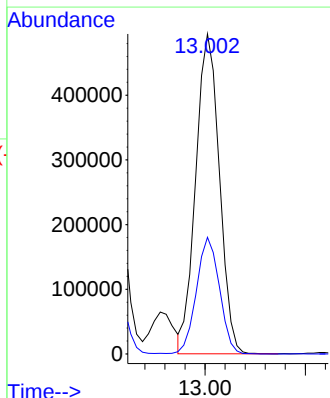
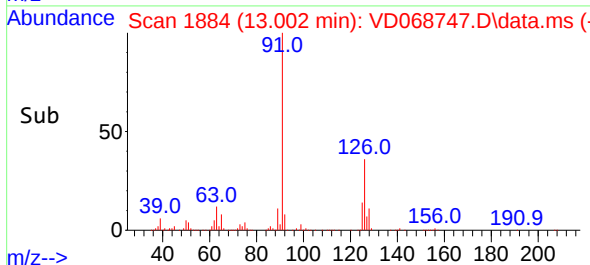
Tgt Ion: 75 Resp: 58377  
Ion Ratio Lower Upper  
75 100  
53 87.3 66.8 100.2  
89 48.0 36.6 54.8



#82  
4-Chlorotoluene  
Concen: 48.98 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



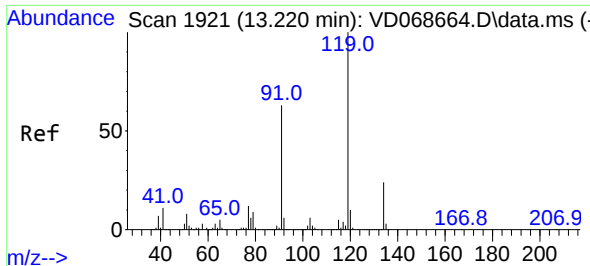
Tgt Ion: 91 Resp: 811585  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.2 51.5



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

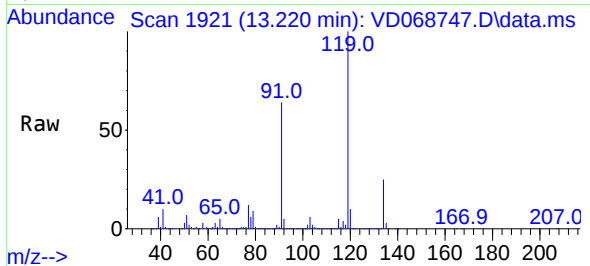
Manual Integrations  
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#83  
tert-Butylbenzene  
Concen: 48.69 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

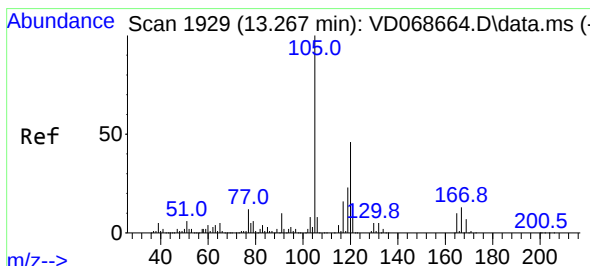
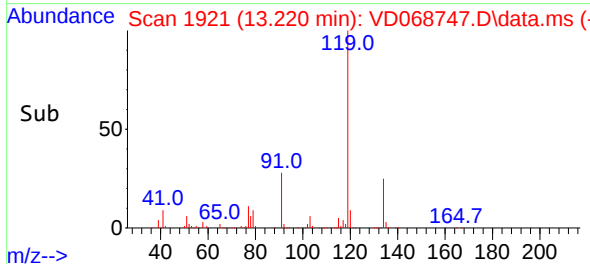
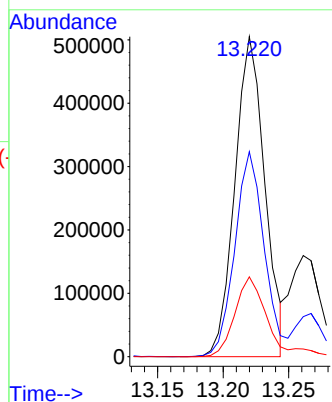
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC



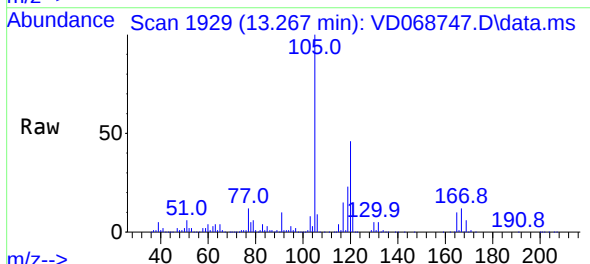
Tgt Ion:119 Resp: 800979  
Ion Ratio Lower Upper  
119 100  
91 63.5 31.6 95.0  
134 27.2 13.4 40.2

Manual Integrations  
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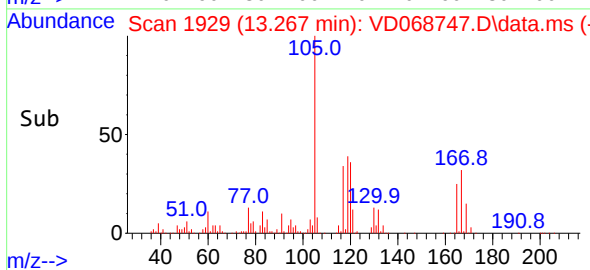
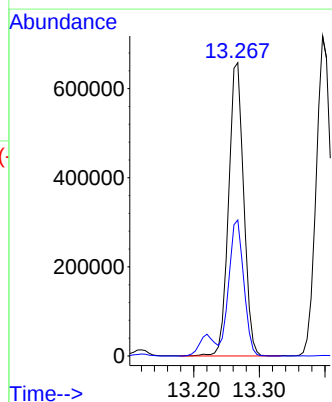
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4/1/2021 3:20:43 PM

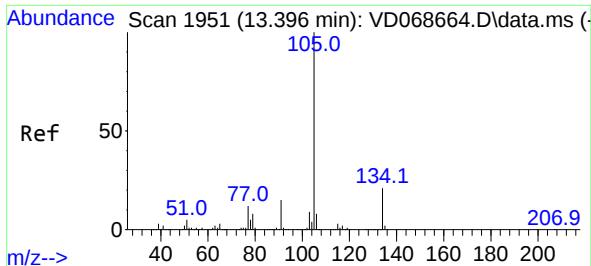


#84  
1,2,4-Trimethylbenzene  
Concen: 52.62 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



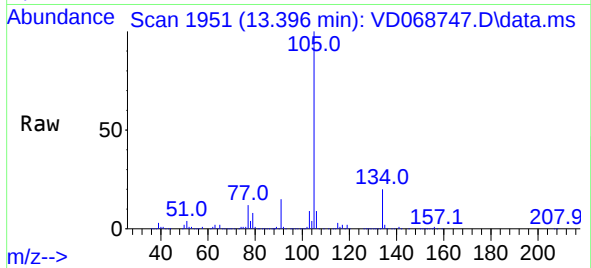
Tgt Ion:105 Resp: 1049399  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.6 67.7





#85  
sec-Butylbenzene  
Concen: 46.92 ug/l  
RT: 13.396 min Scan# 1951  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

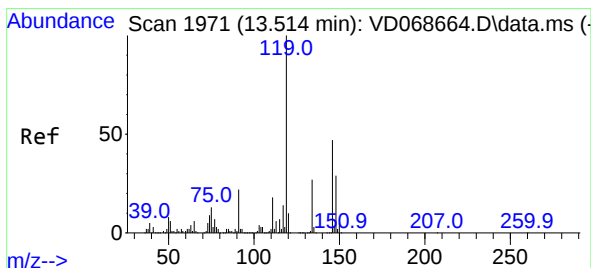
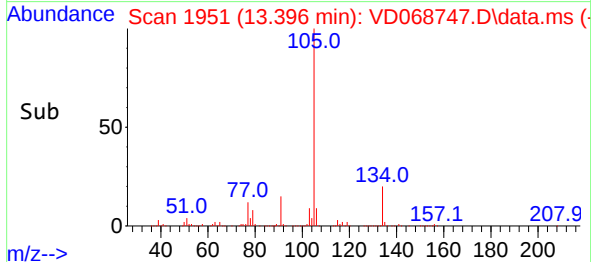
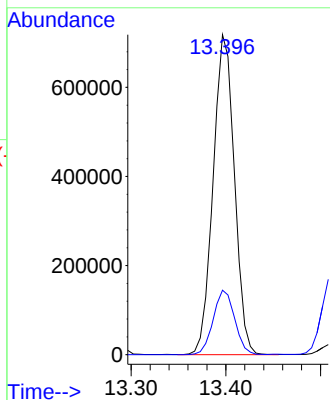
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ClientSampleId :  
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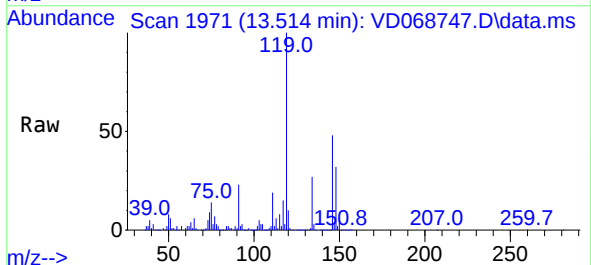
Tgt Ion:105 Resp: 1122217  
Ion Ratio Lower Upper  
105 100  
134 20.3 10.0 29.8

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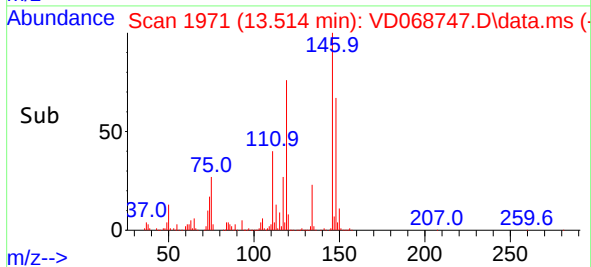
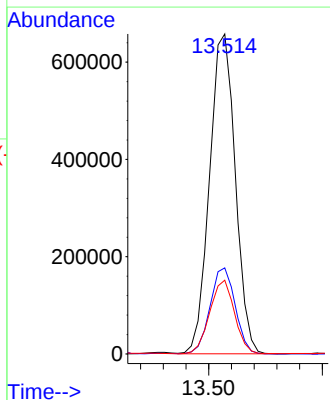
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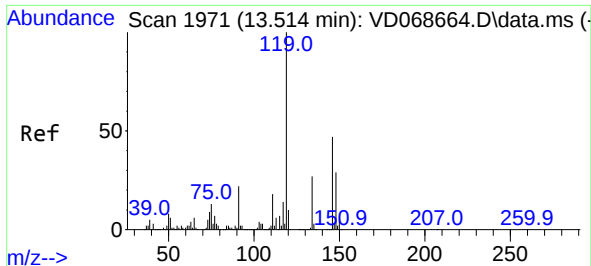


#86  
p-Isopropyltoluene  
Concen: 47.67 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



Tgt Ion:119 Resp: 1037464  
Ion Ratio Lower Upper  
119 100  
134 26.2 13.3 39.9  
91 22.2 11.1 33.1





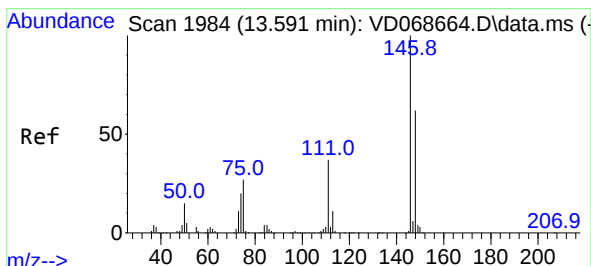
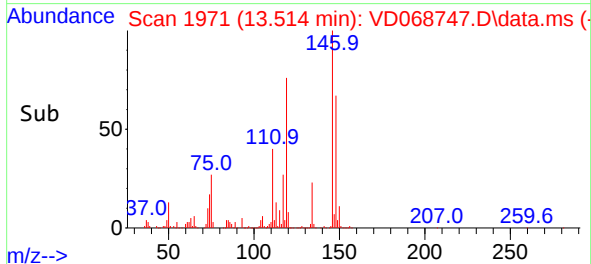
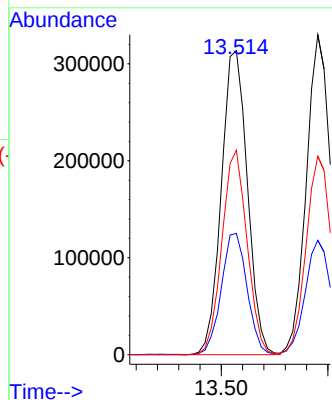
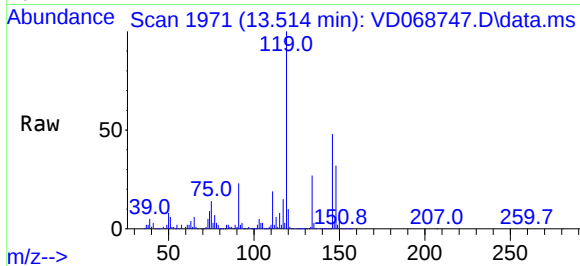
#87  
1,3-Dichlorobenzene  
Concen: 47.76 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:146 Resp: 533347  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.3 57.8  
148 64.7 30.9 92.8

Instrument :  
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ClientSampleId :  
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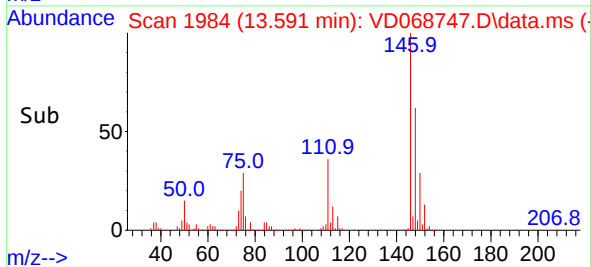
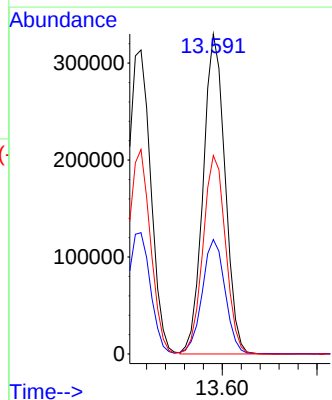
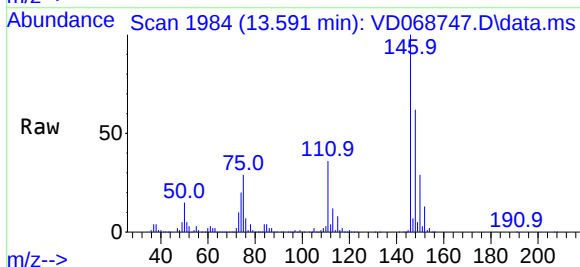
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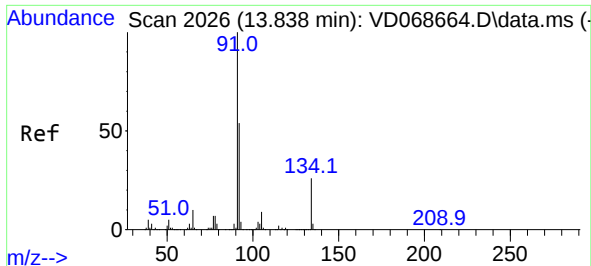
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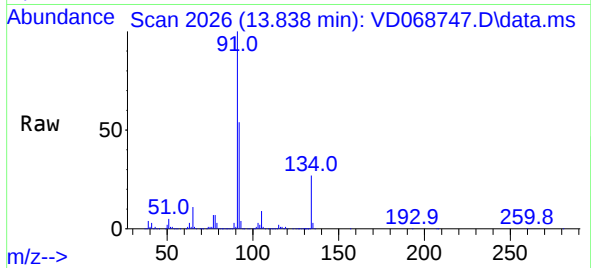
#88  
1,4-Dichlorobenzene  
Concen: 48.23 ug/l  
RT: 13.591 min Scan# 1984  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:146 Resp: 529394  
Ion Ratio Lower Upper  
146 100  
111 37.5 19.1 57.1  
148 63.9 31.6 95.0

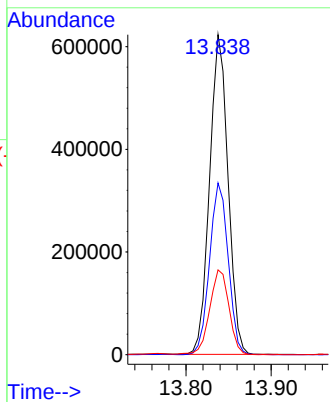
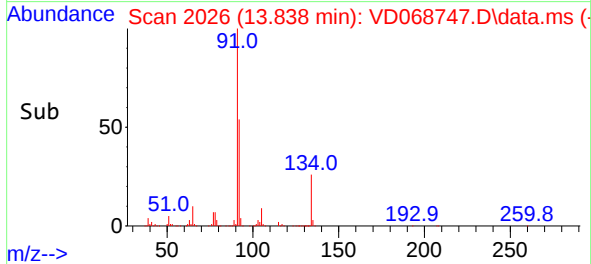




#89  
n-Butylbenzene  
Concen: 45.34 ug/l  
RT: 13.838 min Scan# 2026  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



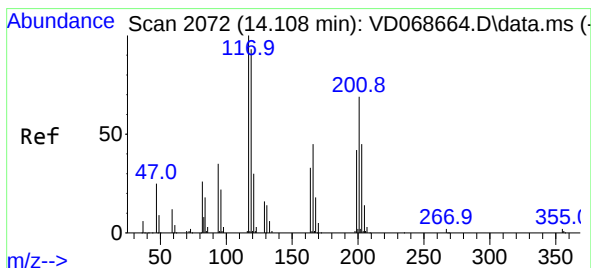
Tgt Ion: 91 Resp: 936734  
Ion Ratio Lower Upper  
91 100  
92 54.2 26.7 80.1  
134 27.8 12.9 38.6



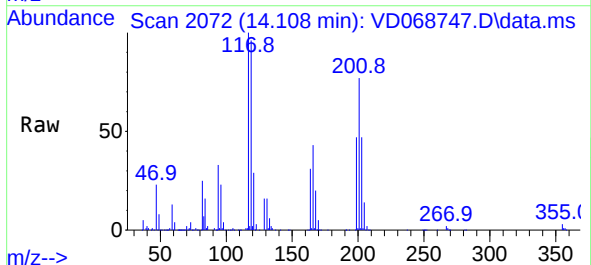
Instrument :  
MSVOA\_D  
ClientSampleId :  
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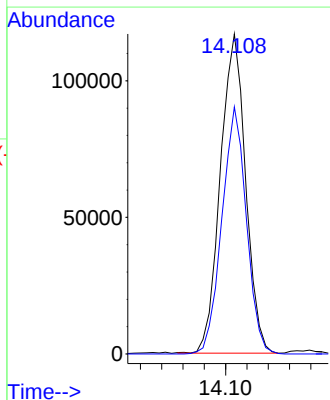
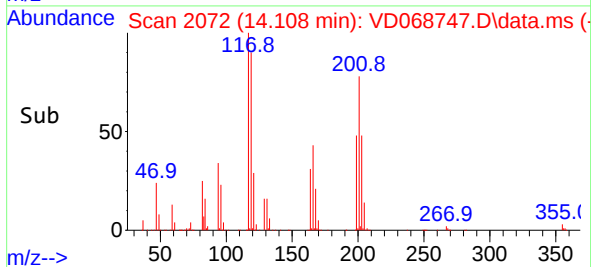
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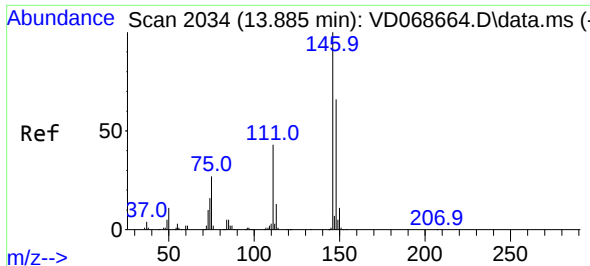


#90  
Hexachloroethane  
Concen: 49.09 ug/l  
RT: 14.108 min Scan# 2072  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22



Tgt Ion: 117 Resp: 192238  
Ion Ratio Lower Upper  
117 100  
201 75.0 35.4 106.2





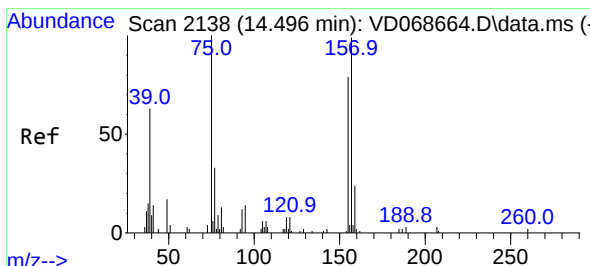
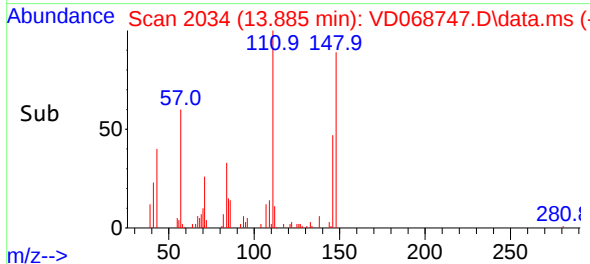
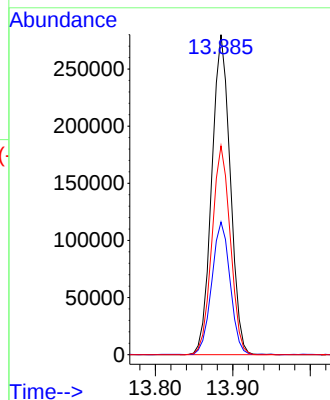
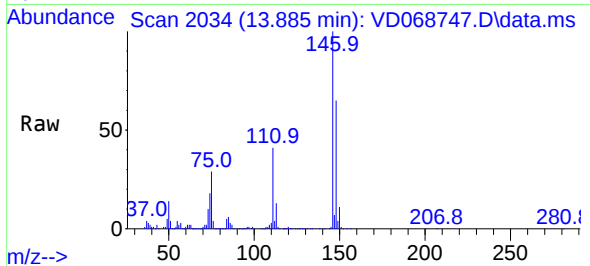
#91  
1,2-Dichlorobenzene  
Concen: 48.82 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:146 Resp: 463112  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.3 60.9  
148 64.9 32.2 96.6

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

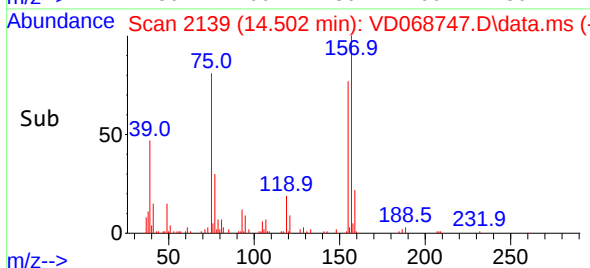
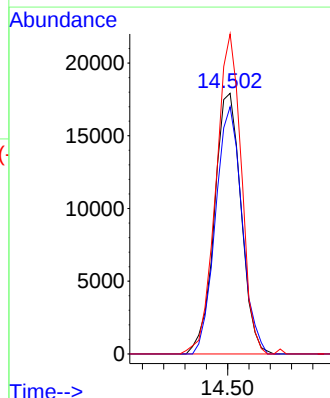
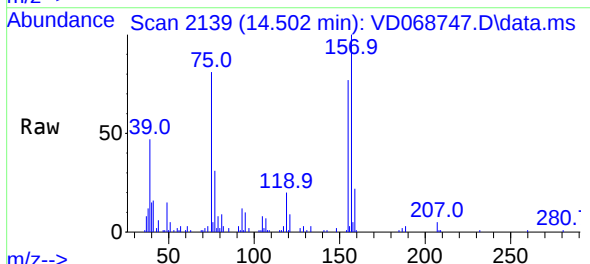
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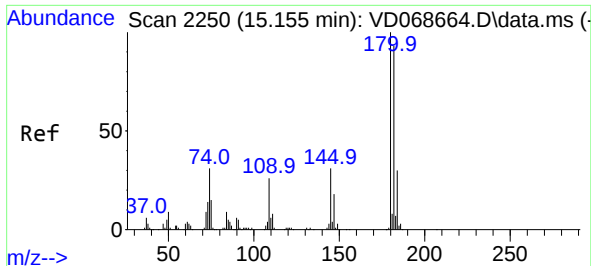
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#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.61 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. 0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion: 75 Resp: 31142  
Ion Ratio Lower Upper  
75 100  
155 93.8 46.8 140.3  
157 116.5 59.8 179.3





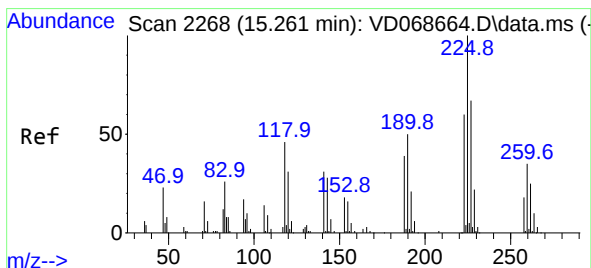
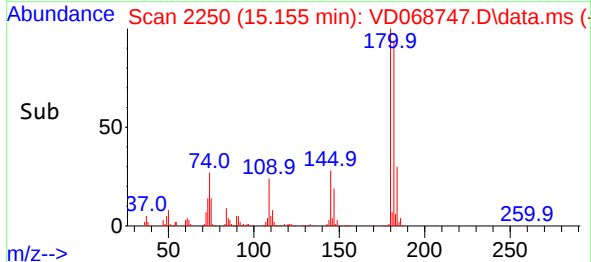
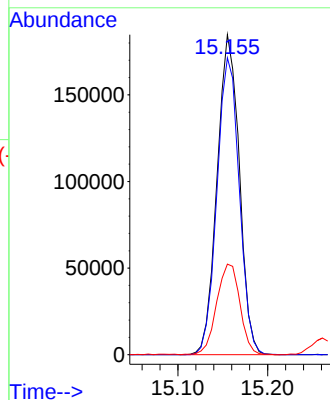
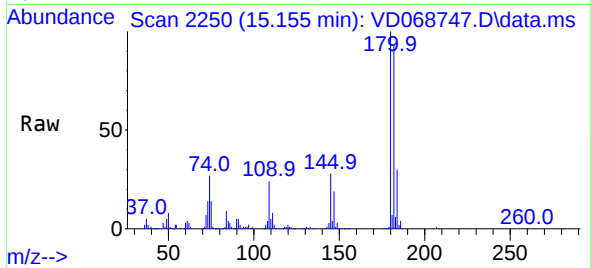
#93  
1,2,4-Trichlorobenzene  
Concen: 51.44 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:180 Resp: 317039  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.9 143.8  
145 29.8 15.2 45.6

Instrument :  
MSVOA\_D  
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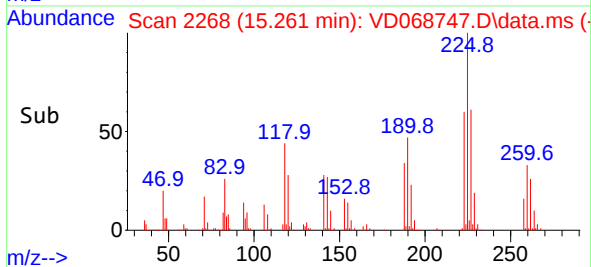
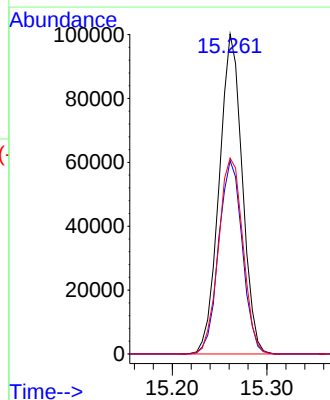
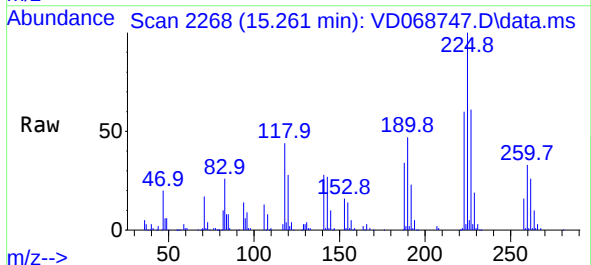
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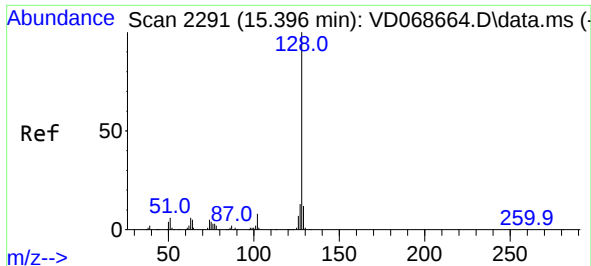
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#94  
Hexachlorobutadiene  
Concen: 48.19 ug/l  
RT: 15.261 min Scan# 2268  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

Tgt Ion:225 Resp: 169598  
Ion Ratio Lower Upper  
225 100  
223 61.9 30.6 91.6  
227 64.9 31.4 94.0





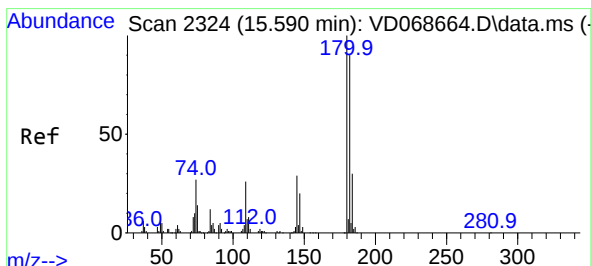
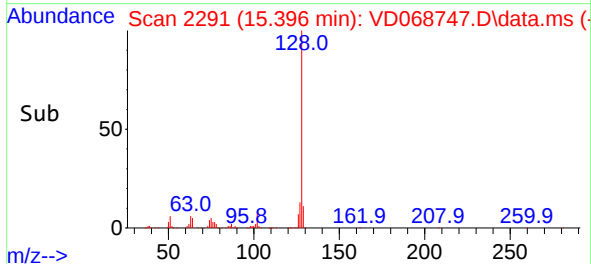
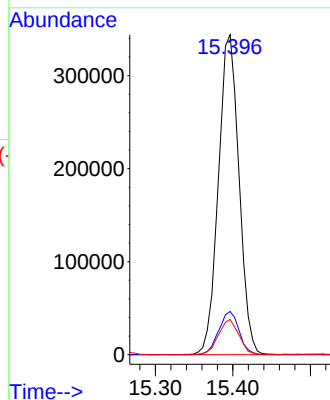
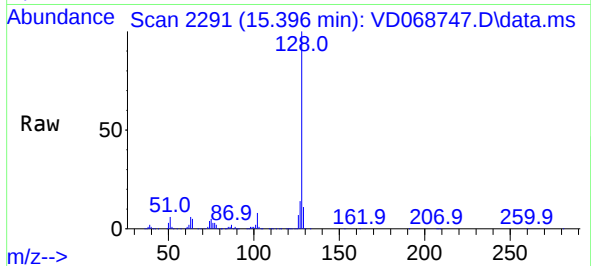
#95  
Naphthalene  
Concen: 58.98 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. -0.000 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 636446 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.4  | 10.2  | 15.4   |
| 129      | 10.9  | 8.9   | 13.3   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050EC

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.05 ug/l  
RT: 15.585 min Scan# 2323  
Delta R.T. -0.006 min  
Lab File: VD068747.D  
Acq: 31 Mar 2021 20:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 273135 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 94.2  | 46.5  | 139.3  |
| 145      | 31.2  | 15.8  | 47.4   |

