

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061621\  
 Data File : VD069454.D  
 Acq On : 16 Jun 2021 08:46  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/17/2021 12:14:09 PM

Quant Time: Jun 17 02:44:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 11 12:50:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 7.979          | 168  | 425731     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861          | 114  | 655867     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.643         | 117  | 627240     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567         | 152  | 315540     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326          | 65   | 216642     | 45.106   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 90.220%  |        |          |
| 35) Dibromofluoromethane     | 7.914          | 113  | 239288     | 48.710   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 97.420%  |        |          |
| 50) Toluene-d8               | 10.338         | 98   | 913680     | 50.853   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 101.700% |        |          |
| 62) 4-Bromofluorobenzene     | 12.626         | 95   | 294945     | 51.161   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 102.320% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 207597     | 48.945   | ug/l   | 99       |
| 3) Chloromethane             | 2.209          | 50   | 191363     | 45.102   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350          | 62   | 248105     | 48.347   | ug/l   | 98       |
| 5) Bromomethane              | 2.767          | 94   | 184358     | 47.285   | ug/l   | 98       |
| 6) Chloroethane              | 2.920          | 64   | 167713     | 47.503   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 418324     | 49.839   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.709          | 74   | 99037      | 46.998   | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 253290     | 50.745   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.303          | 142  | 233798     | 45.694   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 52887      | 211.803  | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 229588     | 50.848   | ug/l   | 99       |
| 13) Acrolein                 | 3.920          | 56   | 75916      | 243.878  | ug/l   | 94       |
| 14) Allyl chloride           | 4.714          | 41   | 273148     | 51.436   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.420          | 53   | 189480     | 234.029  | ug/l   | 99       |
| 16) Acetone                  | 4.156          | 43   | 201651     | 253.651  | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.409          | 76   | 743298     | 50.892   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.714          | 43   | 87783      | 45.105   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.467          | 73   | 413165     | 50.189   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.961          | 84   | 285928     | 49.056   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 272352     | 51.519   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.361          | 45   | 563920     | 53.408   | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.303          | 43   | 1586437    | 234.801  | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 6.261          | 63   | 440858     | 50.155   | ug/l   | 100      |
| 25) 2-Butanone               | 7.208          | 43   | 244599     | 246.742  | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.208          | 77   | 405730     | 52.389   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.208          | 96   | 290130     | 50.703   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.538          | 49   | 167873     | 52.134   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 138033     | 247.429  | ug/l   | 100      |
| 30) Chloroform               | 7.708          | 83   | 481977     | 49.213   | ug/l   | 98       |
| 31) Cyclohexane              | 7.985          | 56   | 343049     | 52.562   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 7.902          | 97   | 432106     | 50.224   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 370441     | 54.241   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.291          | 43   | 112197     | 49.104   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 396385     | 53.580   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.355          | 83   | 393516     | 57.285   | ug/l   | 98       |
| 40) Benzene                  | 8.349          | 78   | 1050484    | 52.849   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061621\  
 Data File : VD069454.D  
 Acq On : 16 Jun 2021 08:46  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/17/2021 12:14:09 PM

Quant Time: Jun 17 02:44:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 11 12:50:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 48683    | 42.828  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 267593   | 49.062  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 210374   | 48.693  | ug/l   | 98       |
| 44) Trichloroethene           | 9.108  | 130  | 288504   | 52.044  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 256630   | 52.888  | ug/l   | 99       |
| 46) Dibromomethane            | 9.473  | 93   | 139588   | 50.207  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.655  | 83   | 367514   | 51.270  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.449  | 41   | 98579    | 50.173  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 27039    | 998.675 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 558873   | 253.541 | ug/l   | 100      |
| 52) Toluene                   | 10.396 | 92   | 699647   | 55.434  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 321080   | 52.294  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 385984   | 52.296  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 194265   | 50.549  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 209548   | 47.876  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.943 | 76   | 320816   | 51.282  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 513912   | 233.429 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 403988   | 274.565 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.138 | 129  | 245866   | 50.199  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.243 | 107  | 182935   | 49.554  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.873 | 164  | 250209   | 51.579  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.667 | 112  | 720492   | 52.224  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 273183   | 51.589  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.743 | 91   | 1311323  | 56.676  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.849 | 106  | 1039988  | 113.158 | ug/l   | 100      |
| 69) o-Xylene                  | 12.179 | 106  | 462356   | 56.855  | ug/l   | 99       |
| 70) Styrene                   | 12.190 | 104  | 814822   | 56.946  | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 137046   | 49.990  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.473 | 105  | 1251245  | 56.403  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 201864   | 50.724  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.726 | 83   | 207458   | 48.708  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 153606m  | 48.016  | ug/l   |          |
| 77) Bromobenzene              | 12.755 | 156  | 288266   | 51.826  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.814 | 91   | 1554933  | 57.116  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 848001   | 54.797  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 1069455  | 57.185  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 61608    | 51.376  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 906718   | 55.054  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 900753   | 56.576  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1075076  | 57.498  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 1339913  | 57.248  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1177573  | 57.913  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 580684   | 52.129  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.590 | 146  | 564120   | 50.841  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.837 | 91   | 1107278  | 58.538  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 205801   | 51.998  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 497690   | 51.212  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 30028    | 46.814  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180  | 306040   | 54.120  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 195574   | 55.310  | ug/l   | 99       |
| 95) Naphthalene               | 15.390 | 128  | 501040   | 46.131  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.584 | 180  | 259554   | 52.867  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061621\  
Data File : VD069454.D  
Acq On : 16 Jun 2021 08:46  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

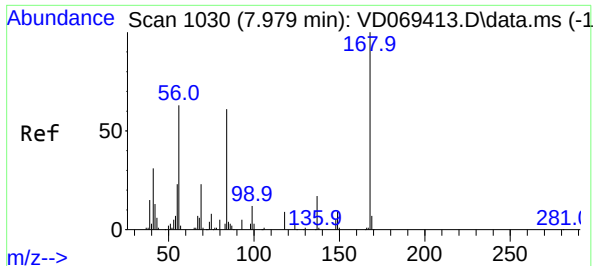
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6/17/2021 12:14:09 PM

Quant Time: Jun 17 02:44:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 11 12:50:13 2021  
Response via : Initial Calibration

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

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





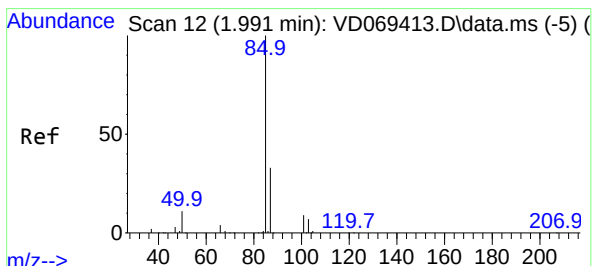
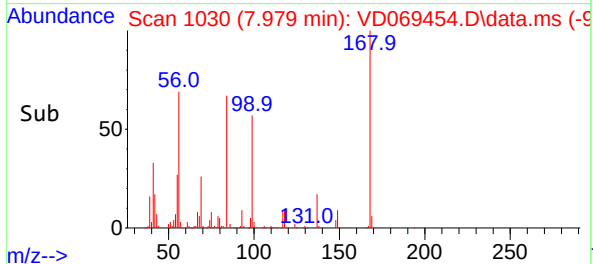
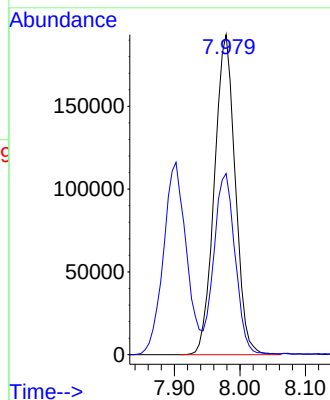
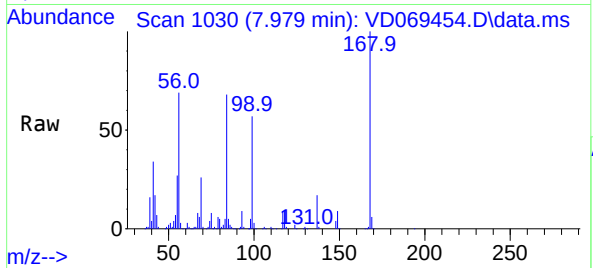
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 168 Resp: 425731  
Ion Ratio Lower Upper  
168 100  
99 56.4 46.2 69.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

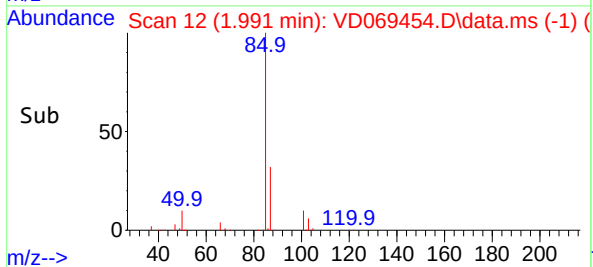
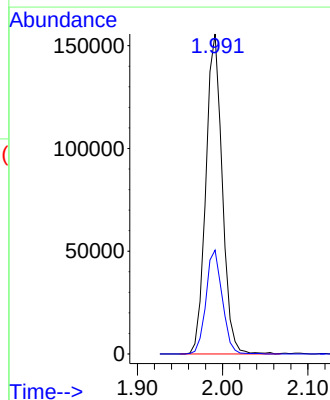
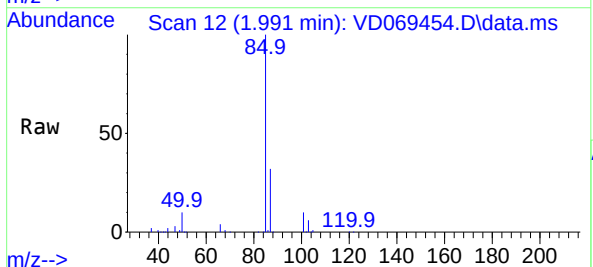
Manual Integrations  
APPROVED

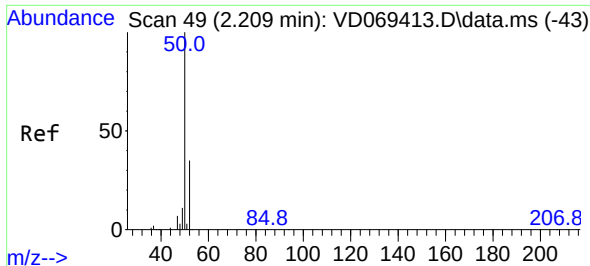
MMDadoda  
6/17/2021 12:14:09 PM



Dichlorodifluoromethane  
Concen: 48.945 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

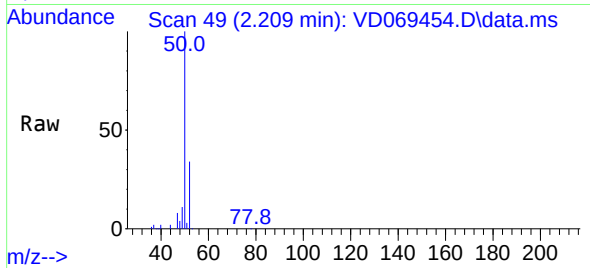
Tgt Ion: 85 Resp: 207597  
Ion Ratio Lower Upper  
85 100  
87 32.5 15.9 47.7



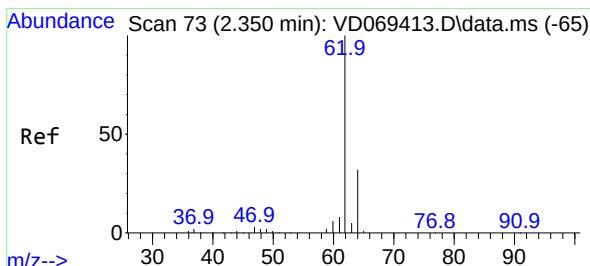
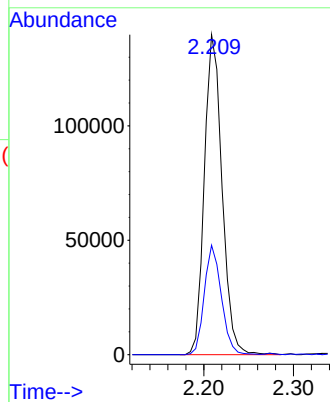
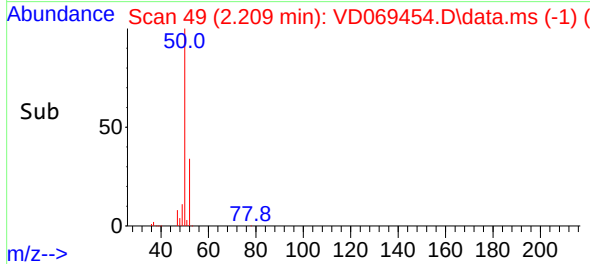


#3  
Chloromethane  
Concen: 45.102 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

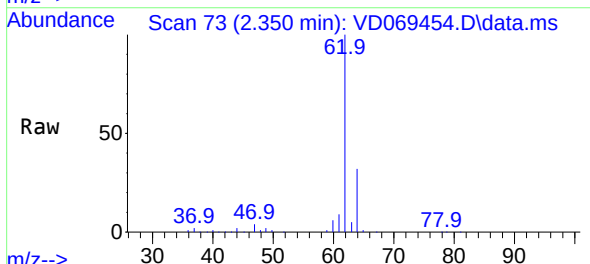
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



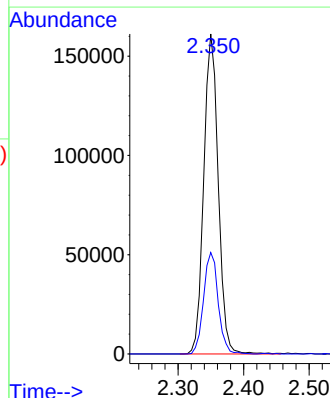
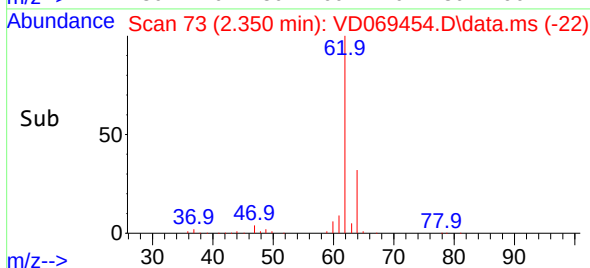
Tgt Ion: 50 Resp: 191363  
Ion Ratio Lower Upper  
50 100  
52 34.2 26.7 40.1

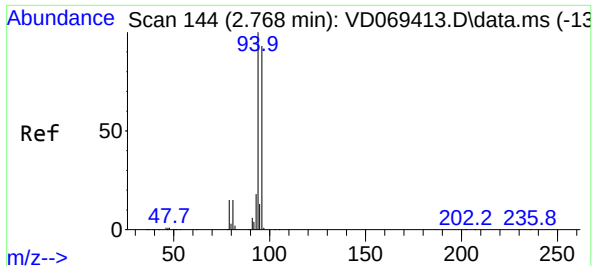


#4  
Vinyl Chloride  
Concen: 48.347 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



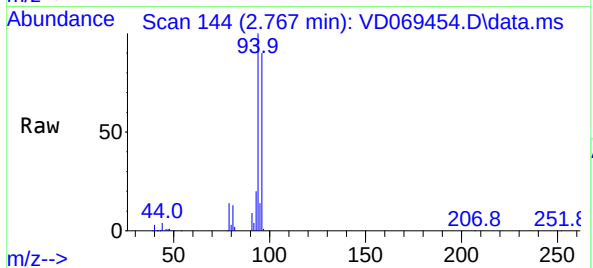
Tgt Ion: 62 Resp: 248105  
Ion Ratio Lower Upper  
62 100  
64 31.7 26.2 39.4



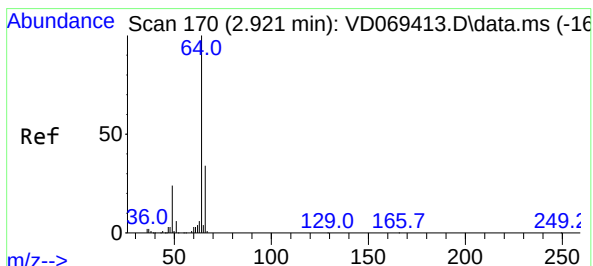
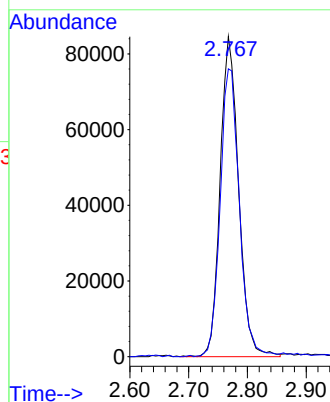
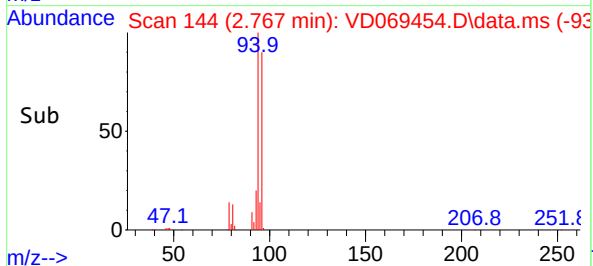


#5  
Bromomethane  
Concen: 47.285 ug/l  
RT: 2.767 min Scan# 144  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

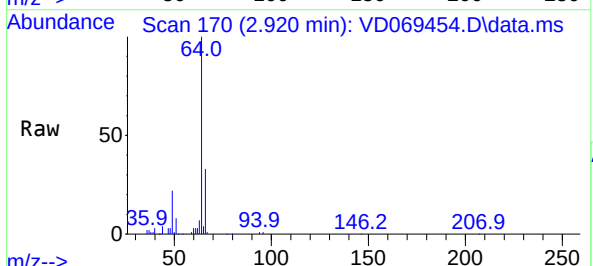
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



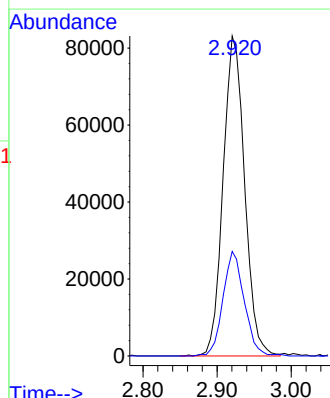
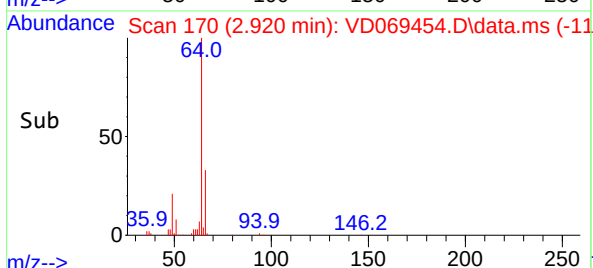
Tgt Ion: 94 Resp: 184358  
Ion Ratio Lower Upper  
94 100  
96 89.9 70.3 105.5

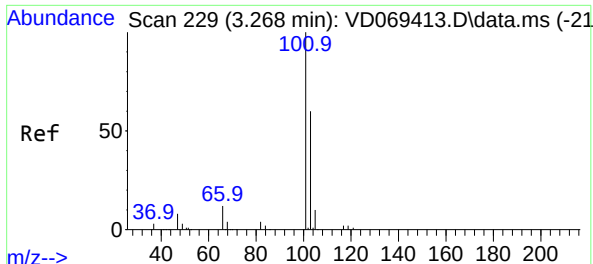


#6  
Chloroethane  
Concen: 47.503 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 64 Resp: 167713  
Ion Ratio Lower Upper  
64 100  
66 32.6 25.4 38.0





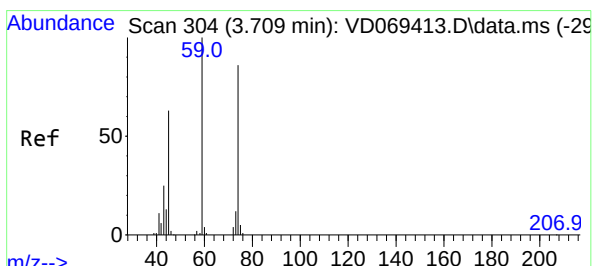
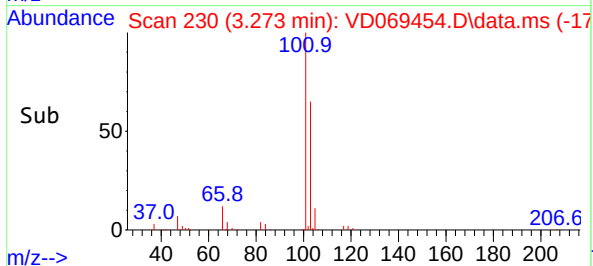
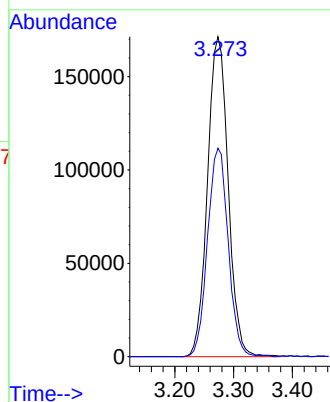
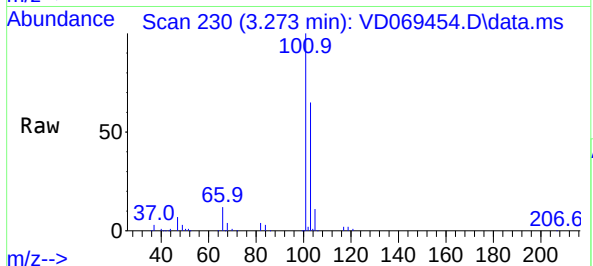
#7  
Trichlorofluoromethane  
Concen: 49.839 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.005 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:101 Resp: 418324  
Ion Ratio Lower Upper  
101 100  
103 65.2 51.0 76.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

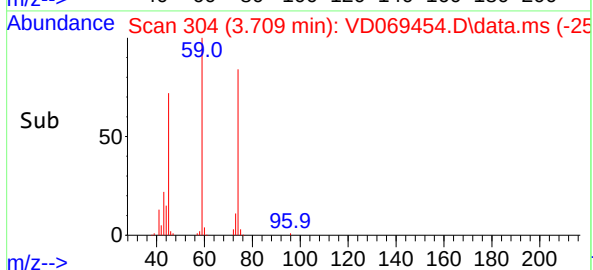
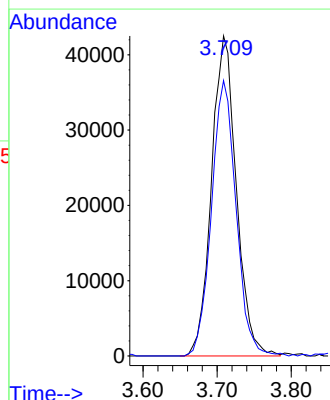
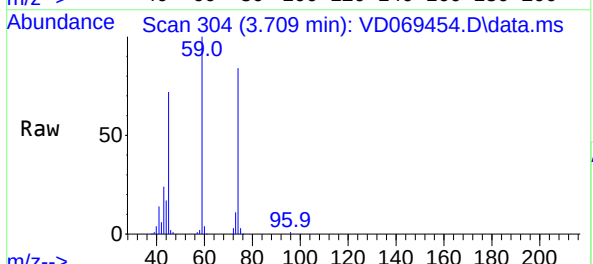
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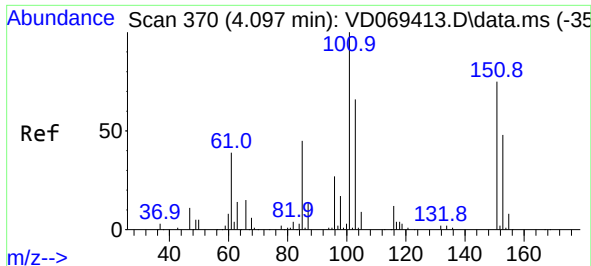


#8  
Diethyl Ether  
Concen: 46.998 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 74 Resp: 99037  
Ion Ratio Lower Upper  
74 100  
45 85.2 42.4 127.3







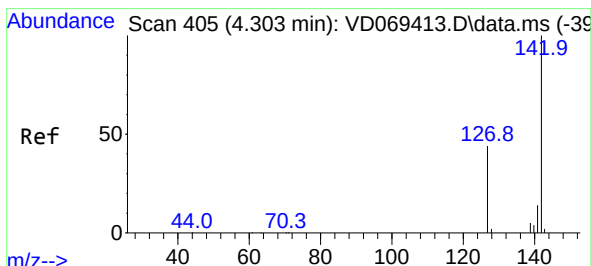
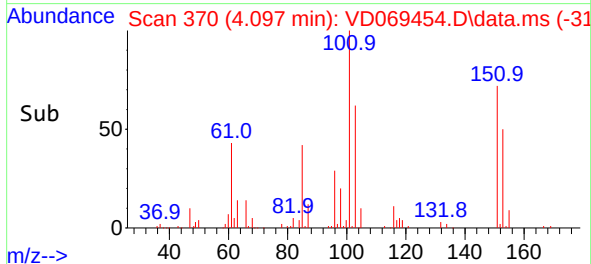
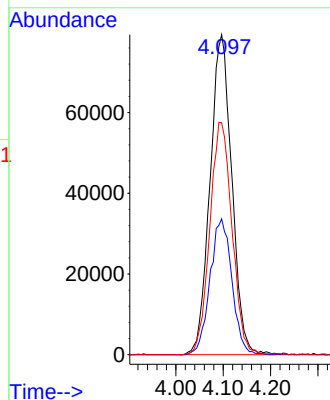
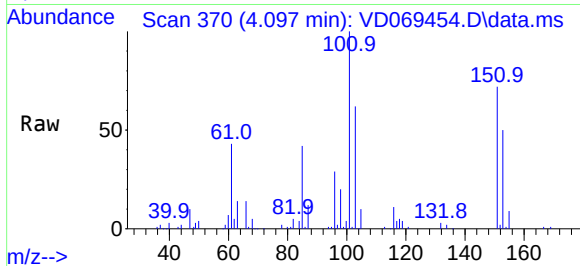
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.745 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:101 Resp: 253290  
Ion Ratio Lower Upper  
101 100  
85 42.6 35.1 52.7  
151 74.1 60.2 90.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

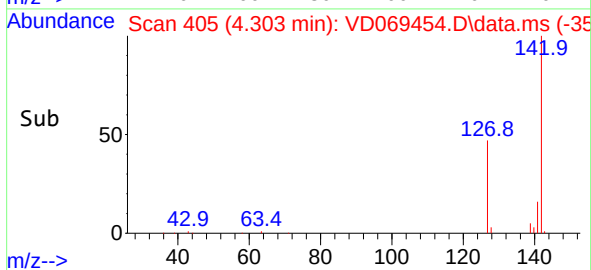
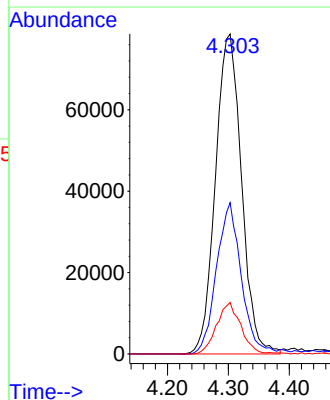
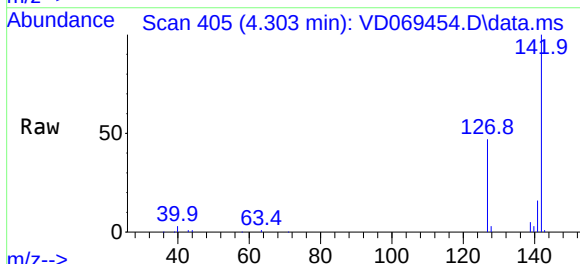
Manual Integrations  
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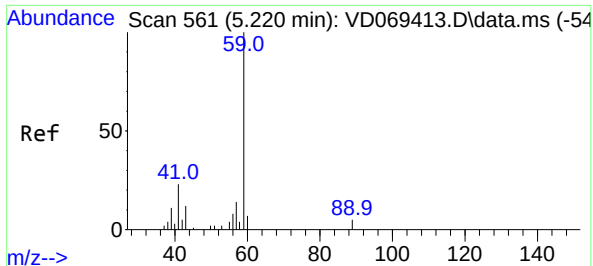
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#10  
Methyl Iodide  
Concen: 45.694 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:142 Resp: 233798  
Ion Ratio Lower Upper  
142 100  
127 44.8 36.2 54.2  
141 15.0 12.2 18.2





#11

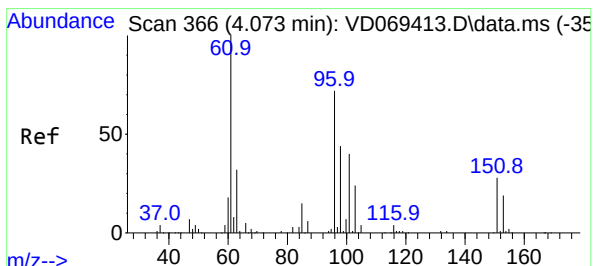
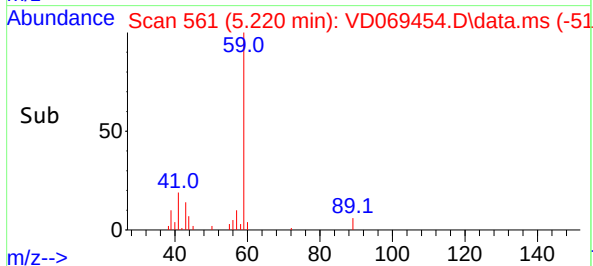
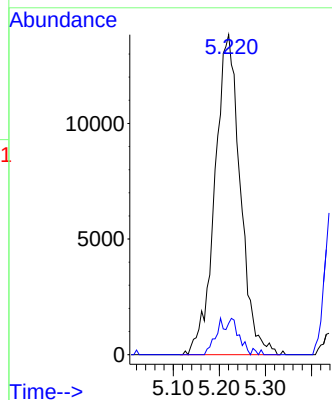
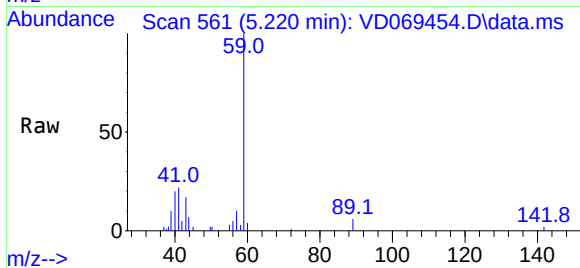
Tert butyl alcohol  
Concen: 211.803 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 59 Resp: 52887  
Ion Ratio Lower Upper  
59 100  
57 4.8 7.8 11.8#

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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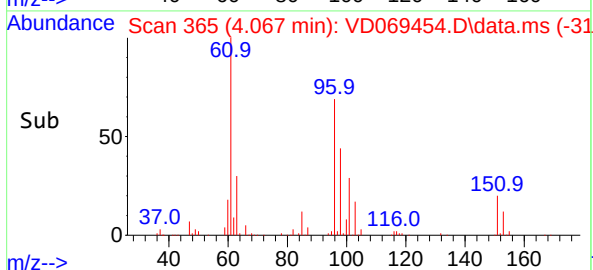
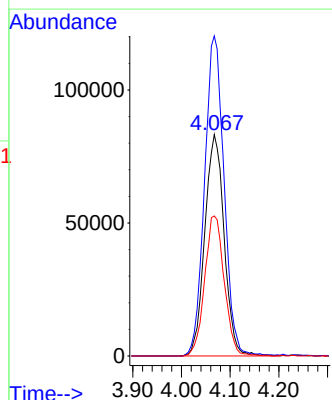
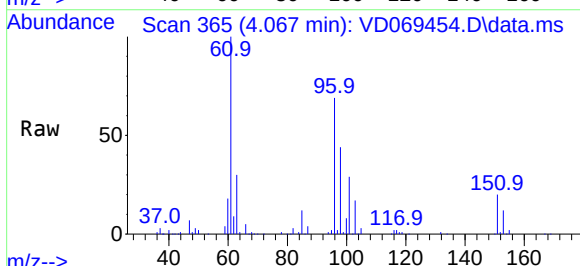
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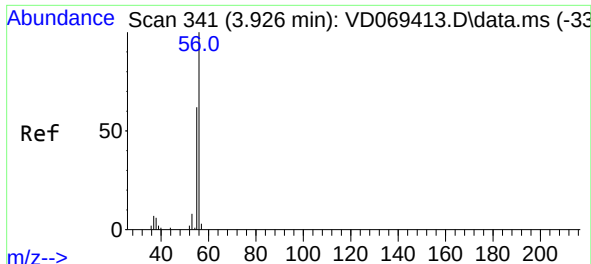


#12

1,1-Dichloroethene  
Concen: 50.848 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

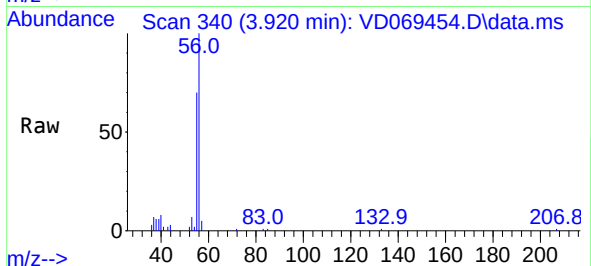
Tgt Ion: 96 Resp: 229588  
Ion Ratio Lower Upper  
96 100  
61 144.5 116.5 174.7  
98 63.2 50.8 76.2





#13  
Acrolein  
Concen: 243.878 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

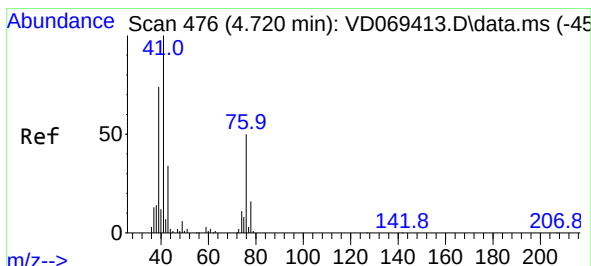
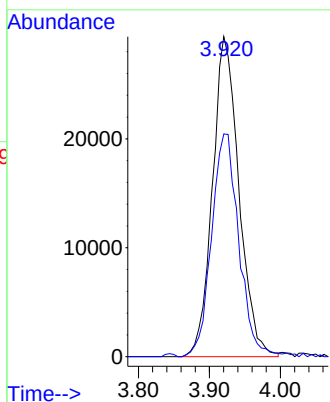
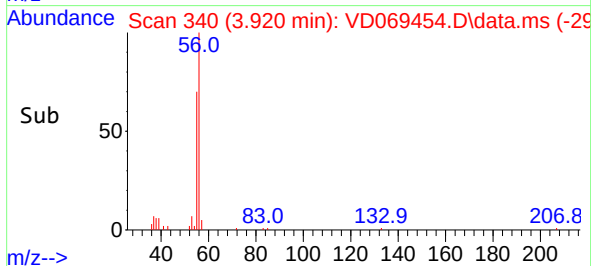
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



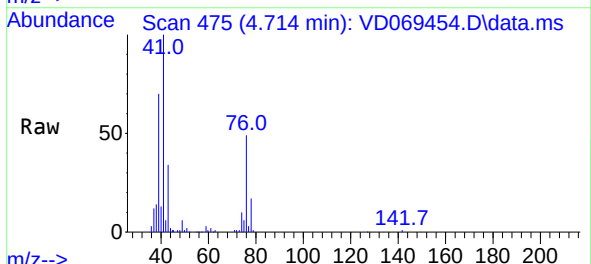
Tgt Ion: 56 Resp: 75916  
Ion Ratio Lower Upper  
56 100  
55 72.0 53.8 80.8

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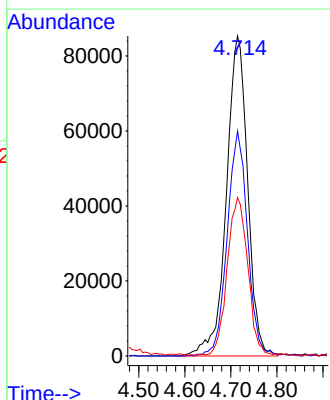
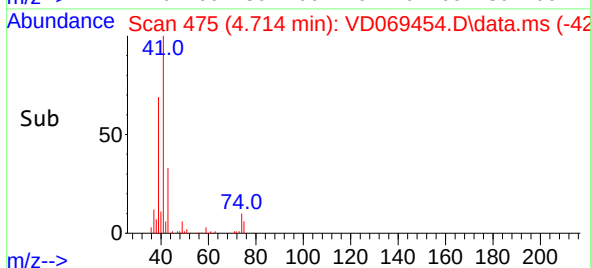
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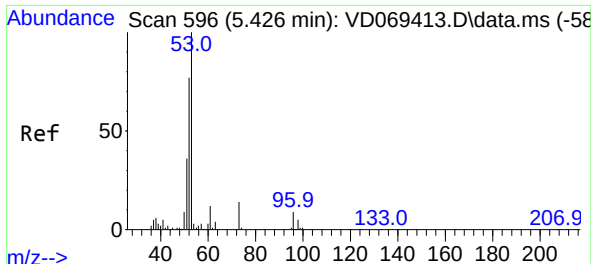


#14  
Allyl chloride  
Concen: 51.436 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



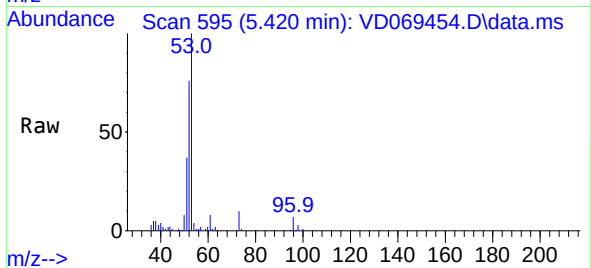
Tgt Ion: 41 Resp: 273148  
Ion Ratio Lower Upper  
41 100  
39 67.2 56.1 84.1  
76 47.5 37.9 56.9





#15  
Acrylonitrile  
Concen: 234.029 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

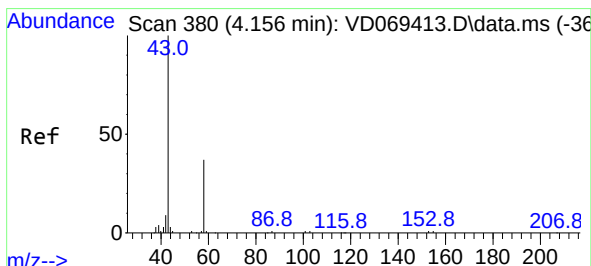
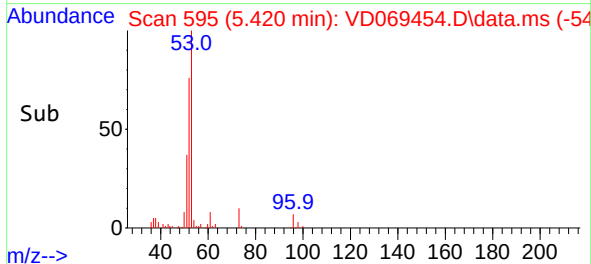
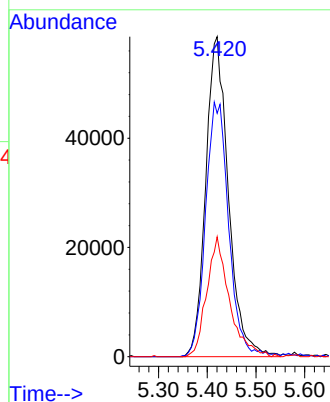
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 53 Resp: 189480  
Ion Ratio Lower Upper  
53 100  
52 81.2 64.5 96.7  
51 37.4 28.6 43.0

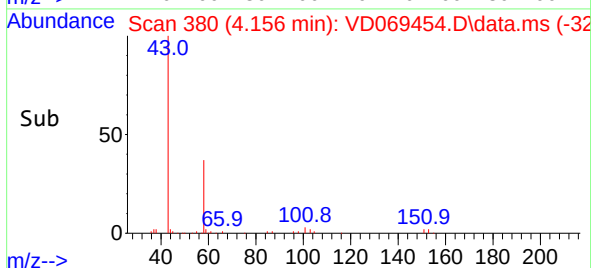
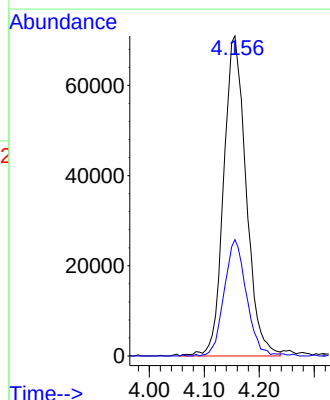
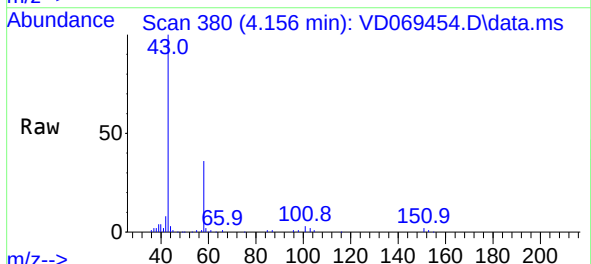
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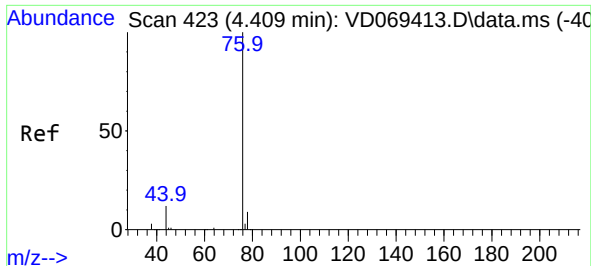
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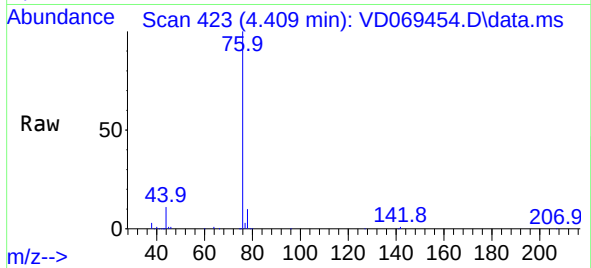
#16  
Acetone  
Concen: 253.651 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 43 Resp: 201651  
Ion Ratio Lower Upper  
43 100  
58 36.3 27.5 41.3

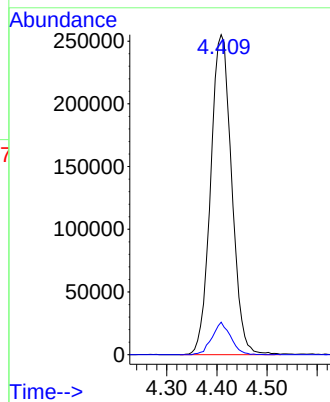
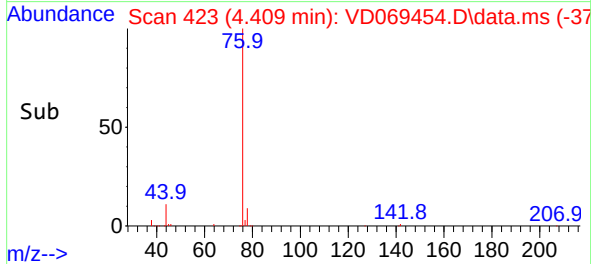




#17  
Carbon Disulfide  
Concen: 50.892 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



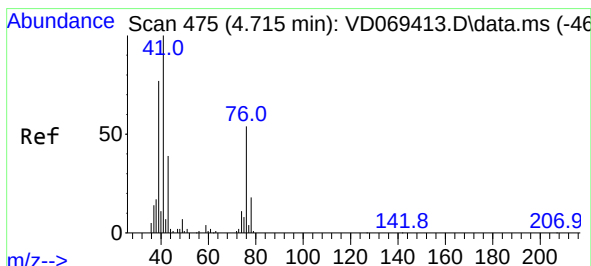
Tgt Ion: 76 Resp: 743298  
Ion Ratio Lower Upper  
76 100  
78 10.2 7.4 11.0



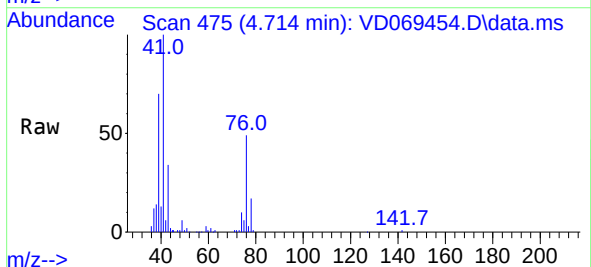
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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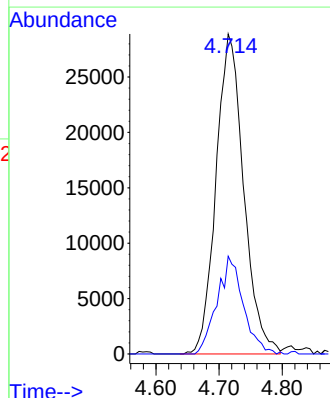
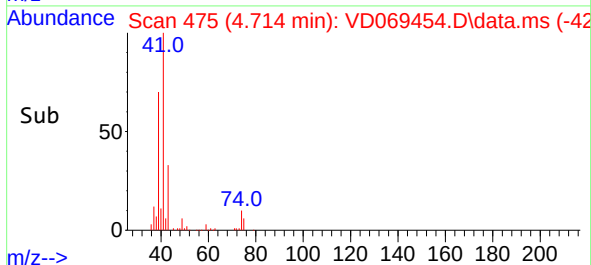
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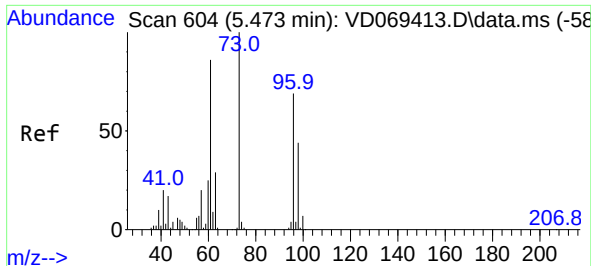


#18  
Methyl Acetate  
Concen: 45.105 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



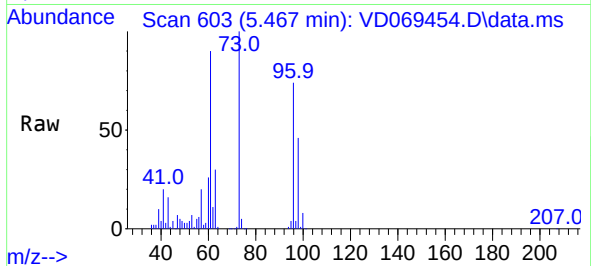
Tgt Ion: 43 Resp: 87783  
Ion Ratio Lower Upper  
43 100  
74 29.0 22.8 34.2





#19  
Methyl tert-butyl Ether  
Concen: 50.189 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

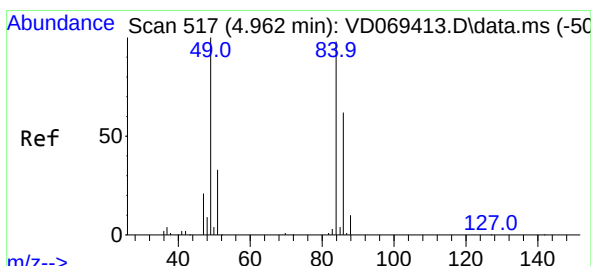
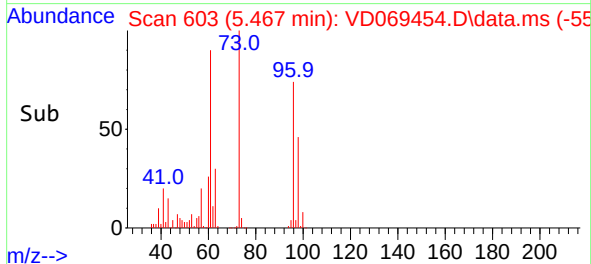
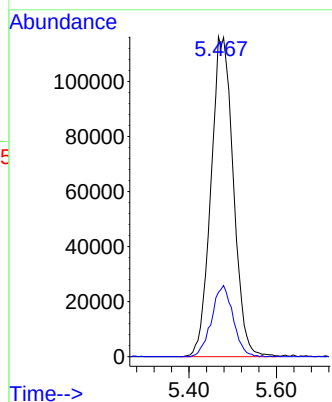
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



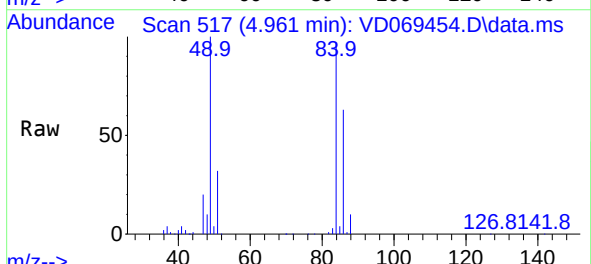
Tgt Ion: 73 Resp: 413165  
Ion Ratio Lower Upper  
73 100  
57 20.1 15.7 23.5

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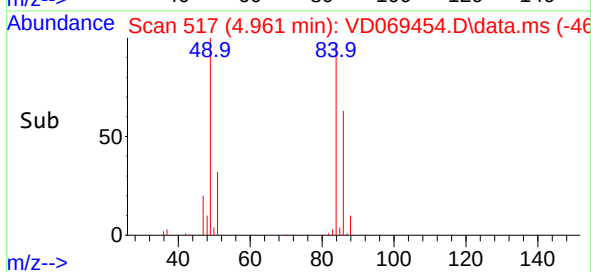
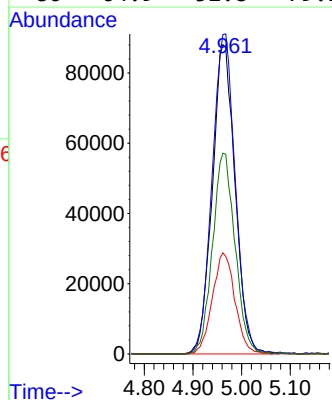
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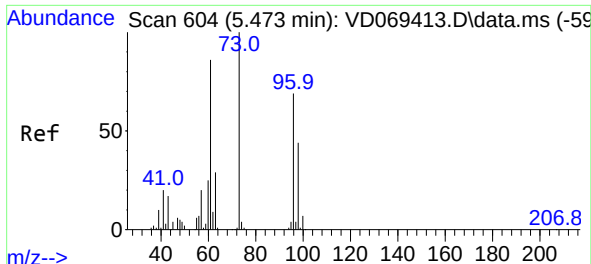


#20  
Methylene Chloride  
Concen: 49.056 ug/l  
RT: 4.961 min Scan# 517  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



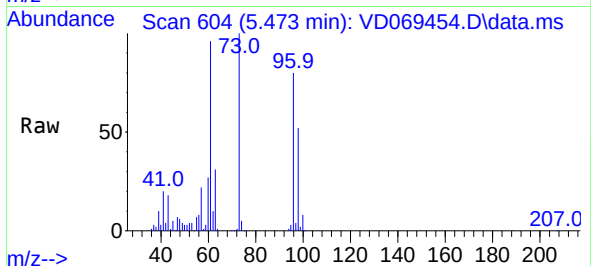
Tgt Ion: 84 Resp: 285928  
Ion Ratio Lower Upper  
84 100  
49 103.3 83.7 125.5  
51 32.7 26.4 39.6  
86 64.9 52.8 79.2





#21  
trans-1,2-Dichloroethene  
Concen: 51.519 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

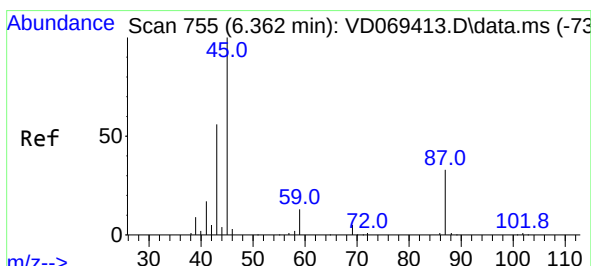
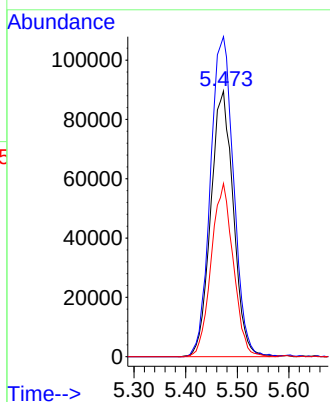
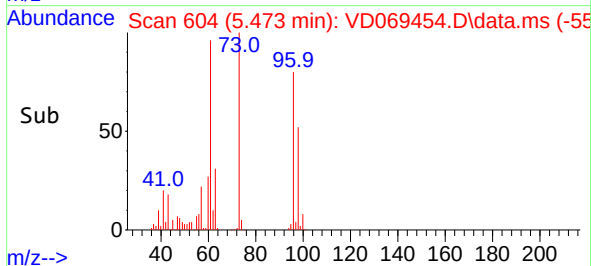
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ClientSampleId :  
VSTDCCC050



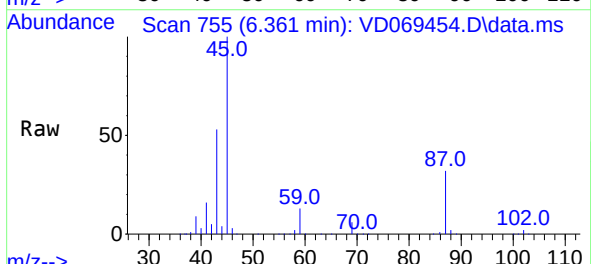
Tgt Ion: 96 Resp: 272352  
Ion Ratio Lower Upper  
96 100  
61 120.5 98.8 148.2  
98 65.2 51.4 77.2

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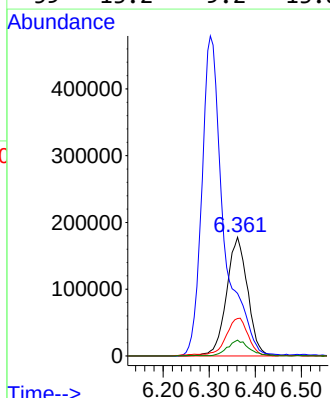
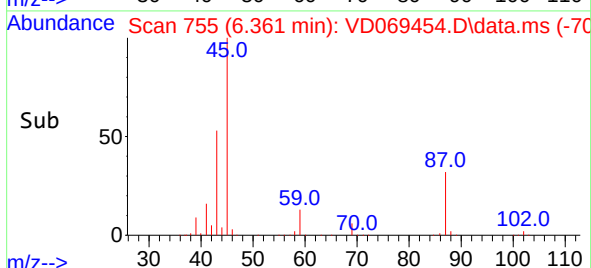
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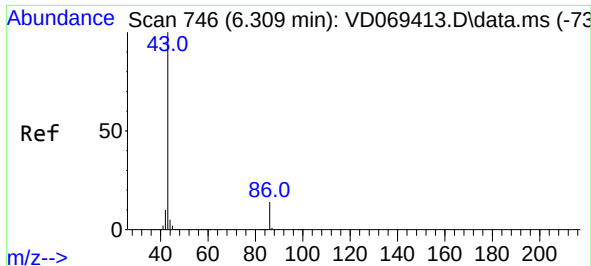


#22  
Diisopropyl ether  
Concen: 53.408 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 45 Resp: 563920  
Ion Ratio Lower Upper  
45 100  
43 52.6 38.7 58.1  
87 31.3 25.6 38.4  
59 13.2 9.2 13.8





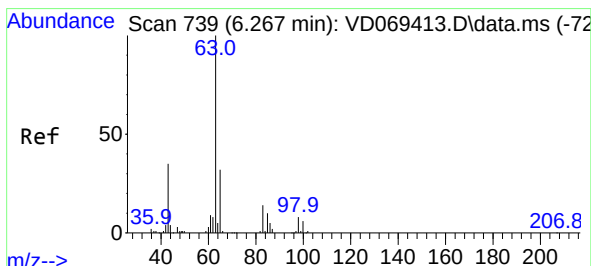
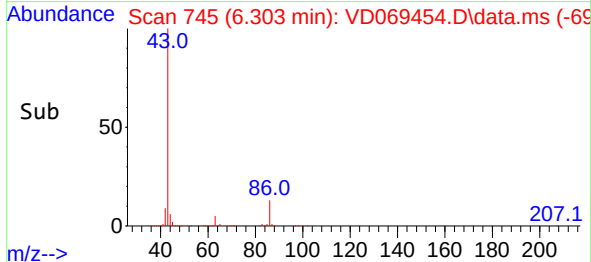
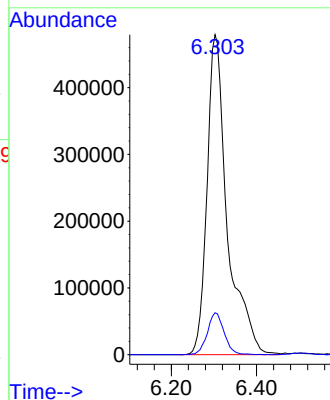
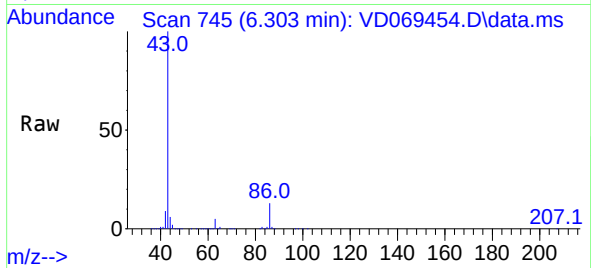
#23  
 Vinyl Acetate  
 Concen: 234.801 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD069454.D  
 Acq: 16 Jun 2021 08:46

Tgt Ion: 43 Resp: 1586437  
 Ion Ratio Lower Upper  
 43 100  
 86 13.0 10.5 15.7

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

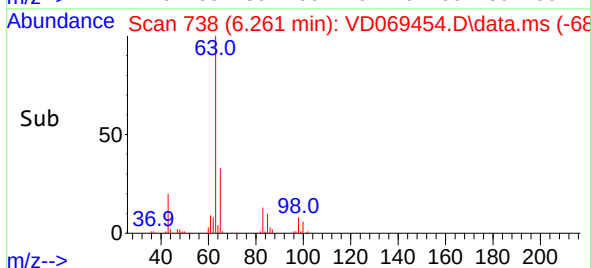
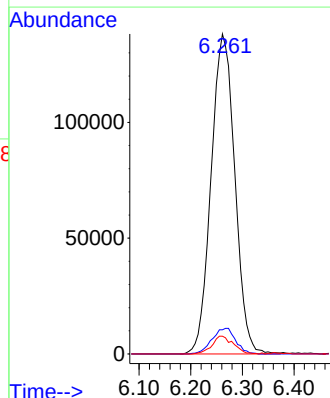
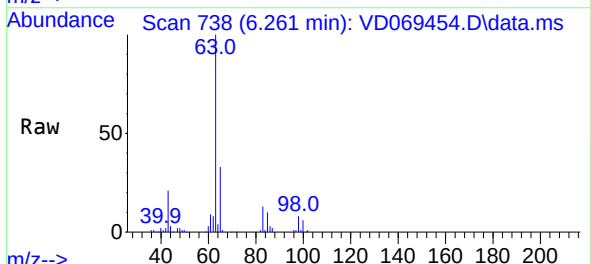
Manual Integrations  
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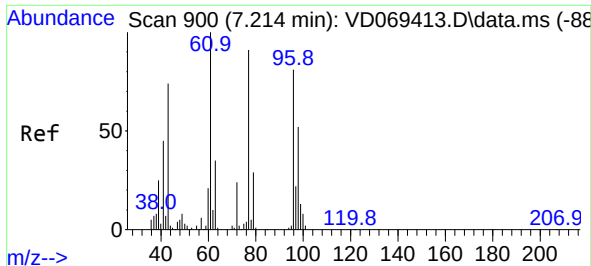


#24  
 1,1-Dichloroethane  
 Concen: 50.155 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.006 min  
 Lab File: VD069454.D  
 Acq: 16 Jun 2021 08:46

Tgt Ion: 63 Resp: 440858  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.4  
 100 5.5 2.6 7.8

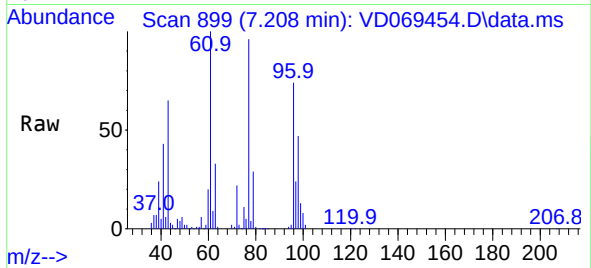






#25  
2-Butanone  
Concen: 246.742 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

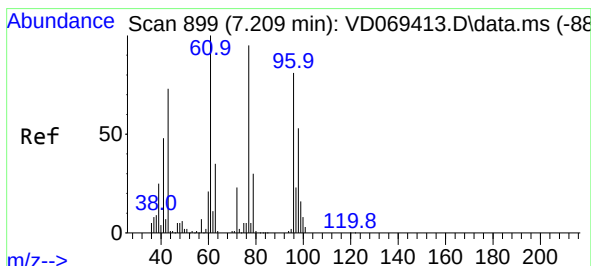
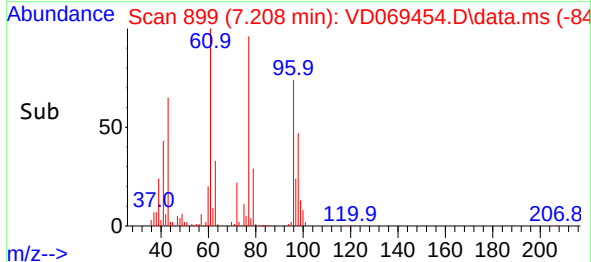
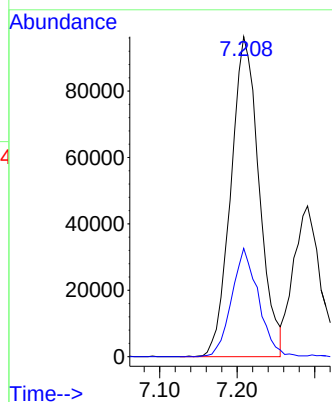
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 43 Resp: 244599  
Ion Ratio Lower Upper  
43 100  
72 33.9 23.9 35.9

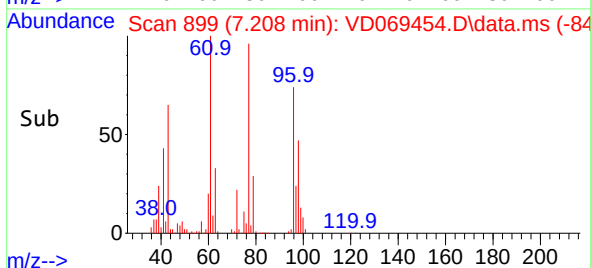
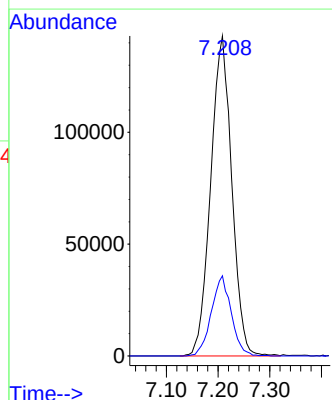
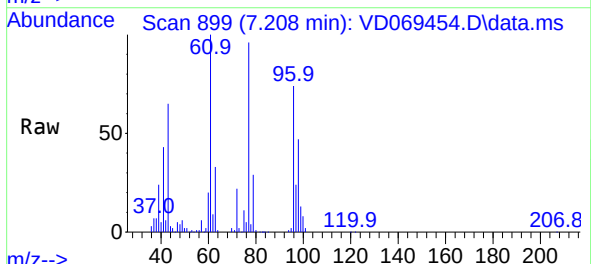
Manual Integrations  
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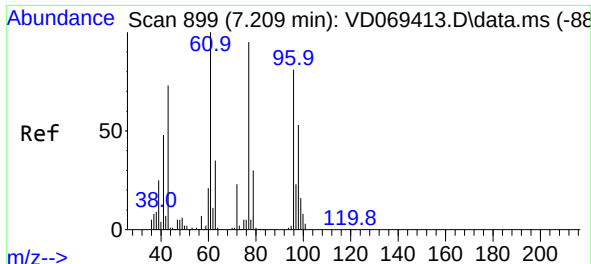
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#26  
2,2-Dichloropropane  
Concen: 52.389 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 77 Resp: 405730  
Ion Ratio Lower Upper  
77 100  
97 23.7 12.1 36.3





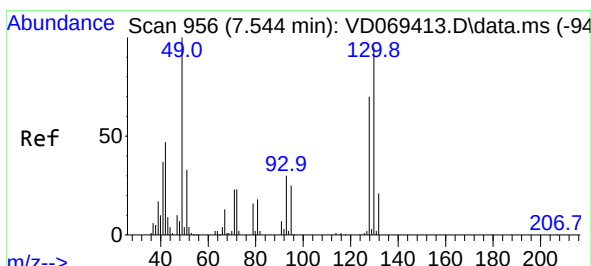
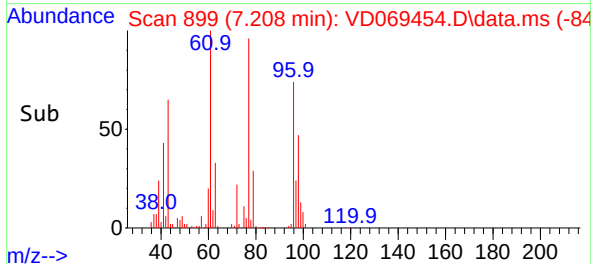
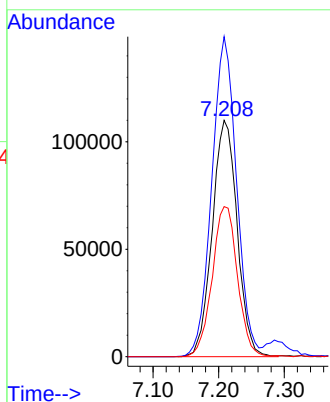
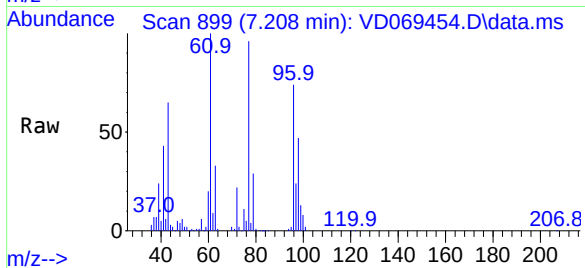
#27  
cis-1,2-Dichloroethene  
Concen: 50.703 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 96 Resp: 290130  
Ion Ratio Lower Upper  
96 100  
61 134.4 0.0 265.6  
98 64.7 0.0 129.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

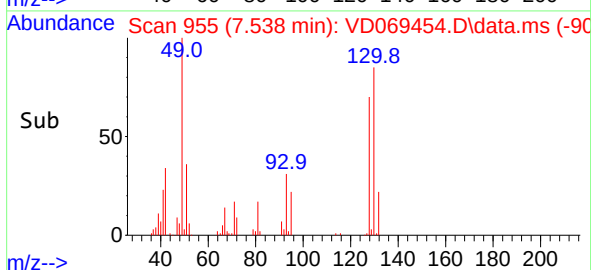
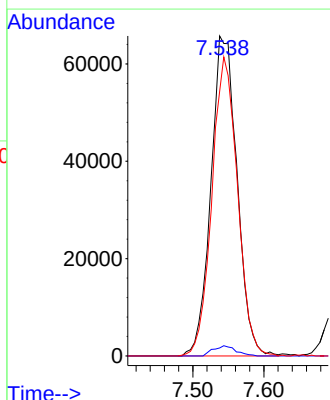
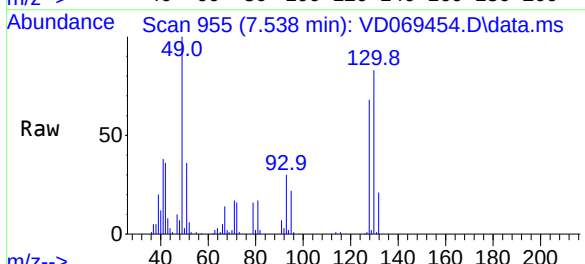
Manual Integrations  
APPROVED

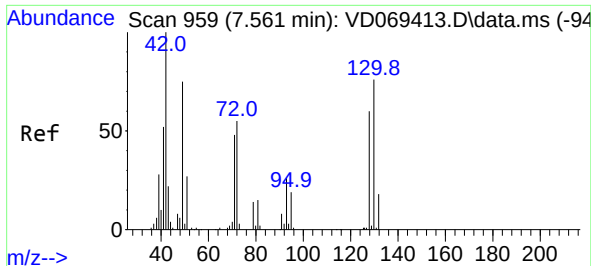
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#28  
Bromochloromethane  
Concen: 52.134 ug/l  
RT: 7.538 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 49 Resp: 167873  
Ion Ratio Lower Upper  
49 100  
129 2.8 0.0 4.6  
130 91.4 72.0 108.0





#29  
Tetrahydrofuran  
Concen: 247.429 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

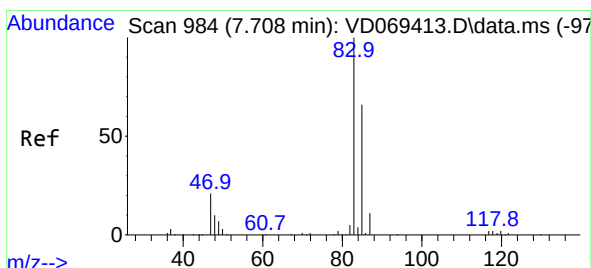
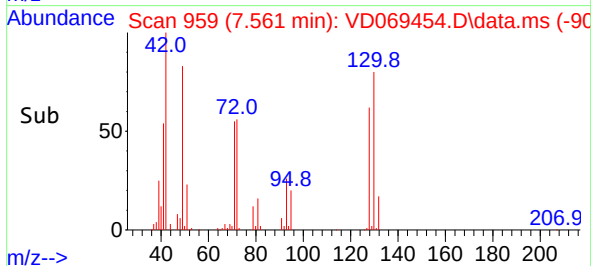
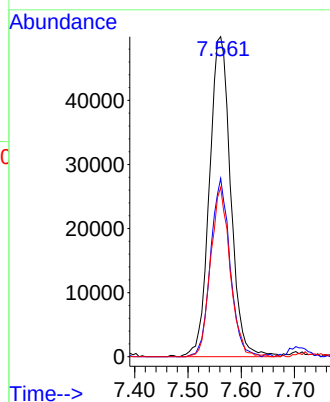
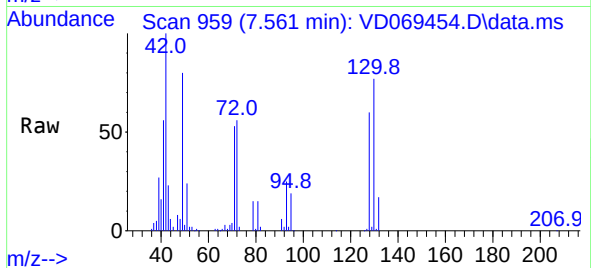
Tgt Ion: 42 Resp: 138033  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 50.9  | 41.0  | 61.6  |
| 71  | 48.5  | 38.9  | 58.3  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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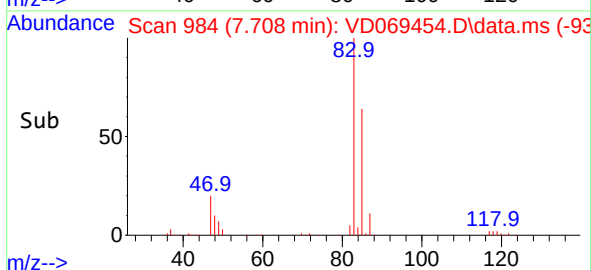
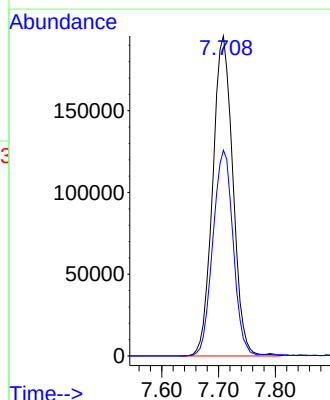
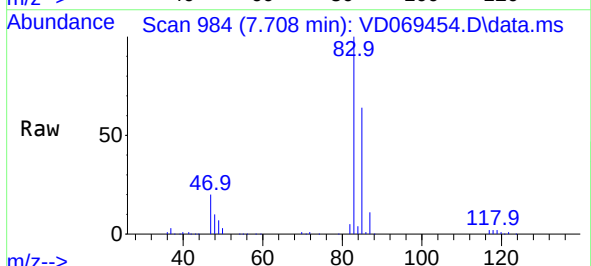
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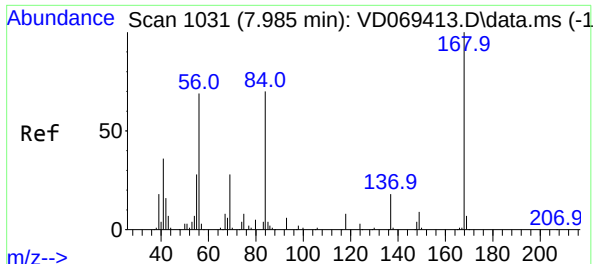


#30  
Chloroform  
Concen: 49.213 ug/l  
RT: 7.708 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 83 Resp: 481977  

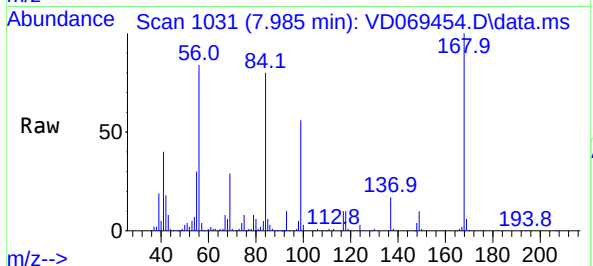
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.3  | 52.6  | 78.8  |





#31  
Cyclohexane  
Concen: 52.562 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

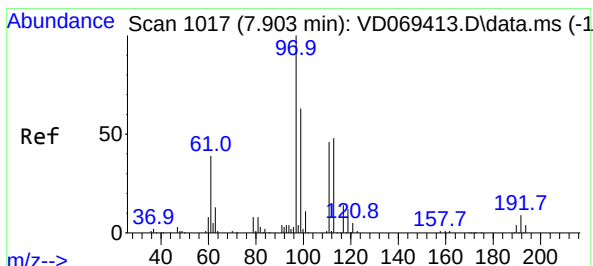
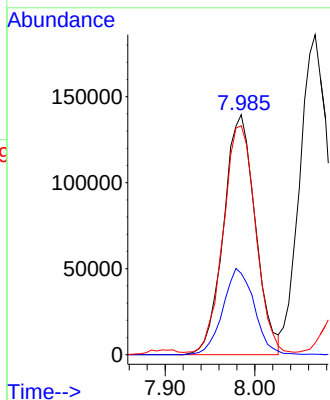
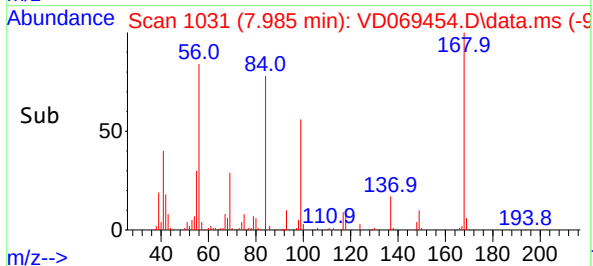
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



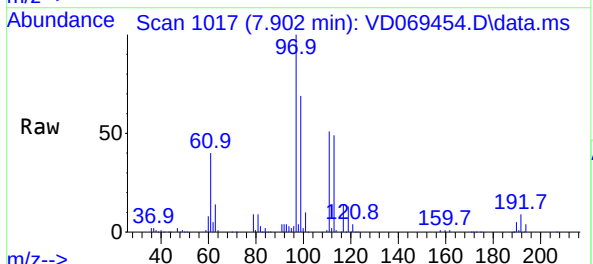
Tgt Ion: 56 Resp: 343049  
Ion Ratio Lower Upper  
56 100  
69 33.9 29.0 43.4  
84 94.3 81.1 121.7

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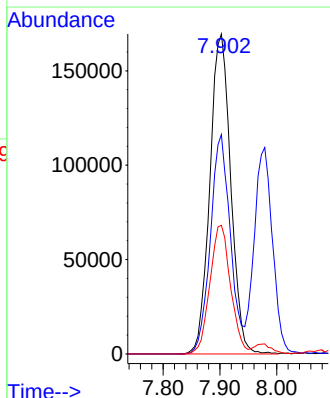
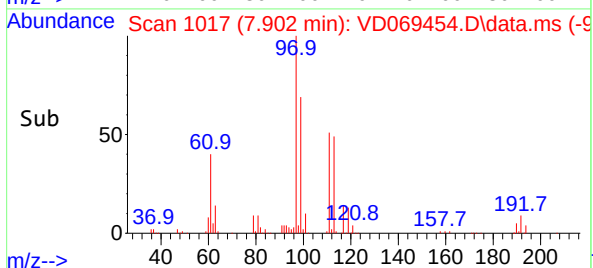
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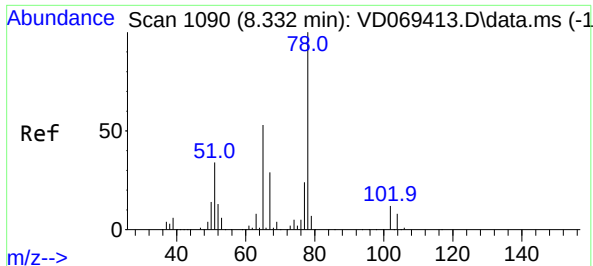


#32  
1,1,1-Trichloroethane  
Concen: 50.224 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 97 Resp: 432106  
Ion Ratio Lower Upper  
97 100  
99 66.1 51.9 77.9  
61 39.8 31.8 47.6





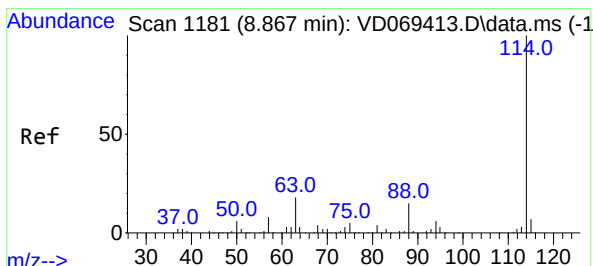
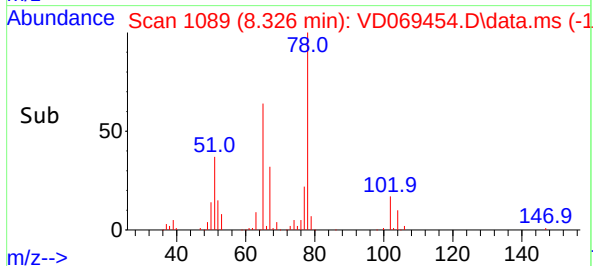
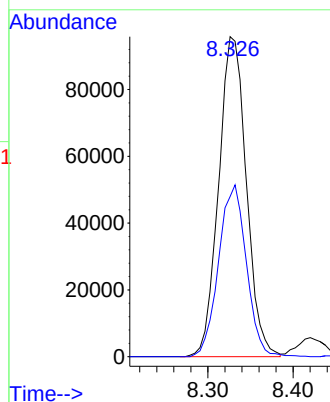
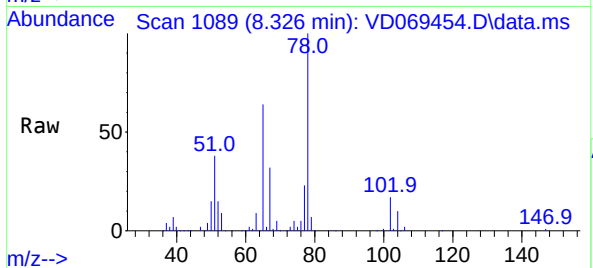
#33  
1,2-Dichloroethane-d4  
Concen: 45.106 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 65 Resp: 216642  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 105.8

Instrument :  
MSVOA\_D  
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VSTDCCC050

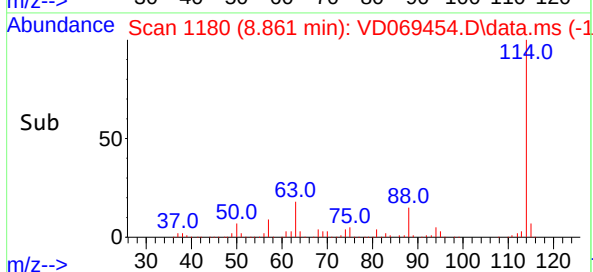
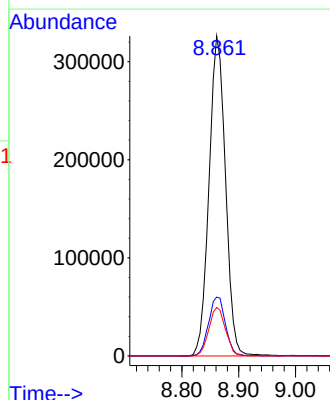
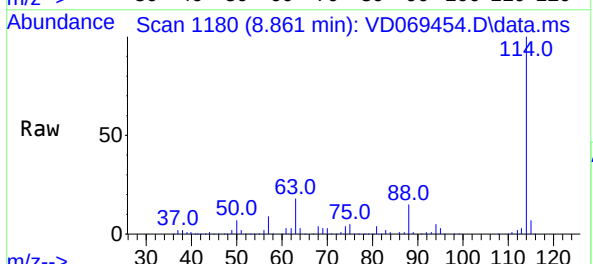
Manual Integrations  
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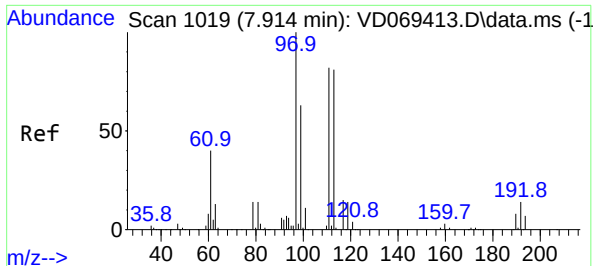
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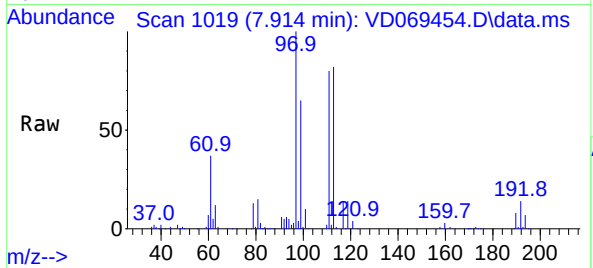
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 114 Resp: 655867  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 35.6  
88 15.2 0.0 31.2

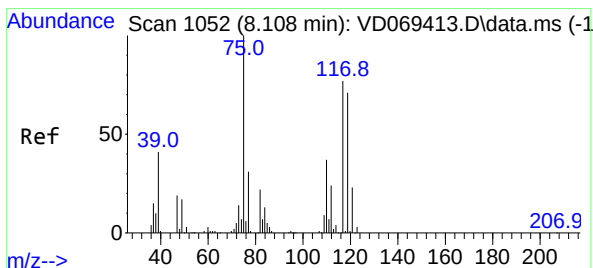
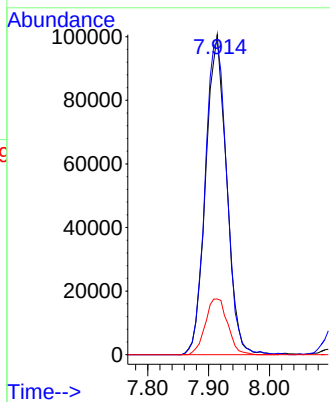
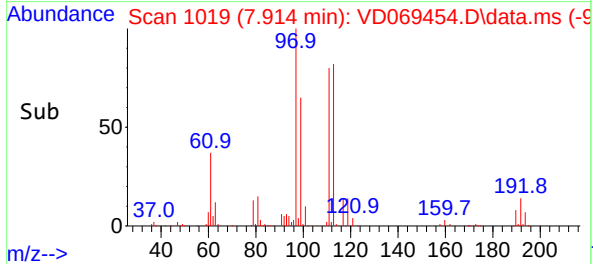




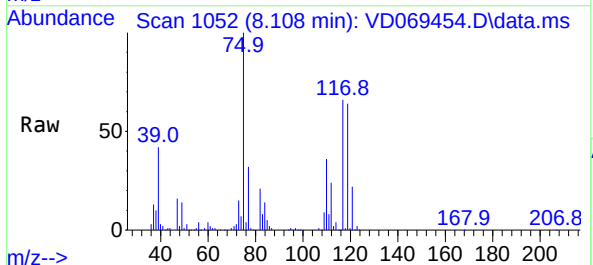
#35  
Dibromofluoromethane  
Concen: 48.710 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



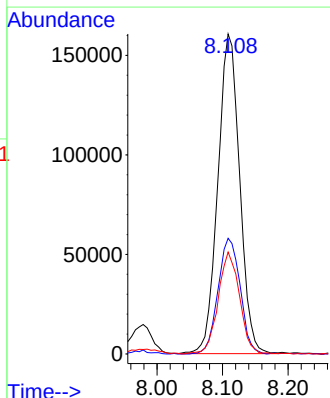
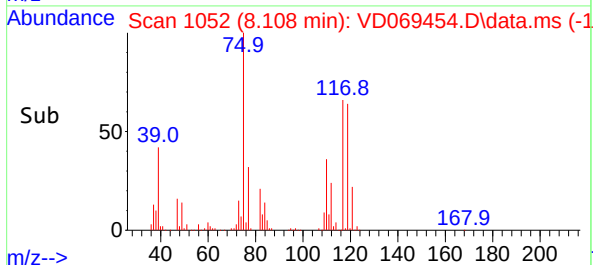
Tgt Ion:113 Resp: 239288  
Ion Ratio Lower Upper  
113 100  
111 102.4 83.0 124.6  
192 18.6 15.1 22.7



#36  
1,1-Dichloropropene  
Concen: 54.241 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



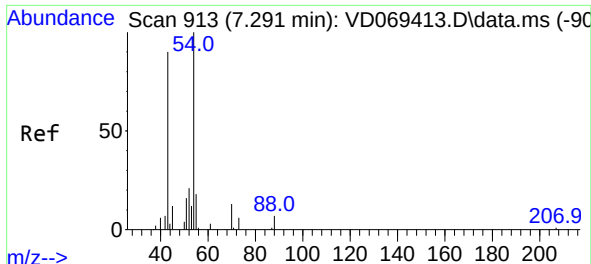
Tgt Ion: 75 Resp: 370441  
Ion Ratio Lower Upper  
75 100  
110 36.7 18.4 55.2  
77 31.3 24.9 37.3



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

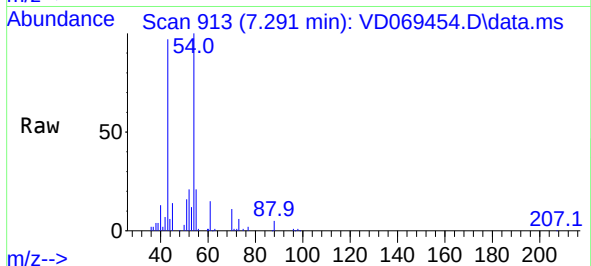
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#37  
Ethyl Acetate  
Concen: 49.104 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

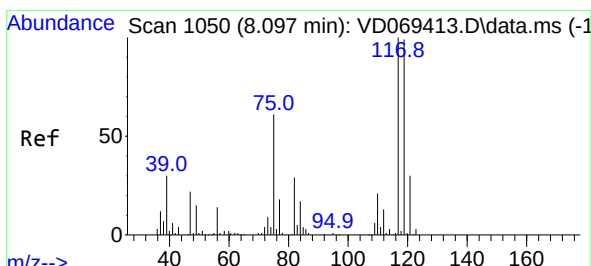
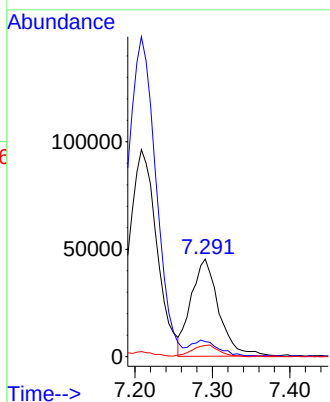
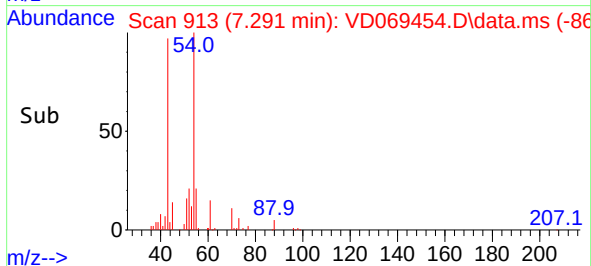
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



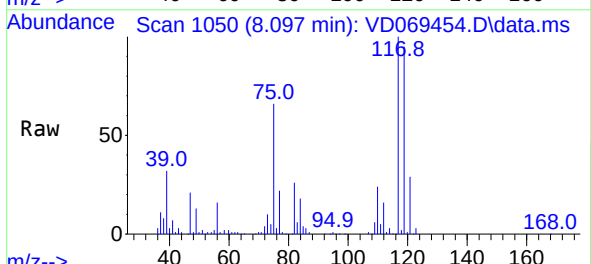
Tgt Ion: 43 Resp: 112197  
Ion Ratio Lower Upper  
43 100  
61 16.0 11.0 16.6  
70 11.7 9.7 14.5

Manual Integrations  
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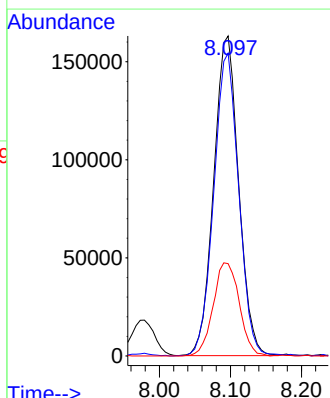
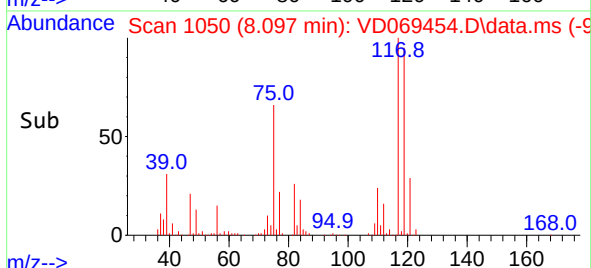
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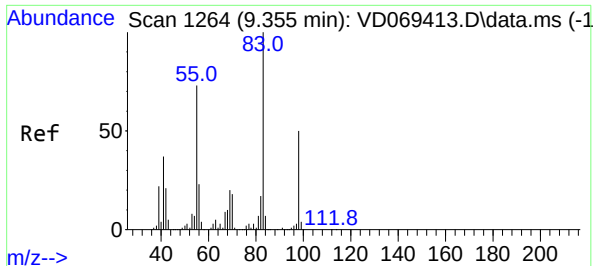


#38  
Carbon Tetrachloride  
Concen: 53.580 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 117 Resp: 396385  
Ion Ratio Lower Upper  
117 100  
119 94.6 79.4 119.2  
121 28.9 26.1 39.1





#39

Methylcyclohexane

Concen: 57.285 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD069454.D

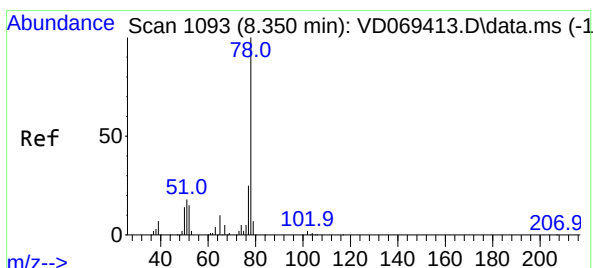
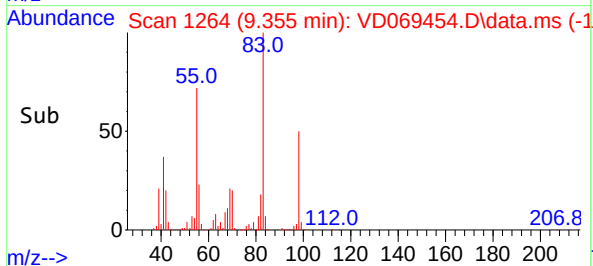
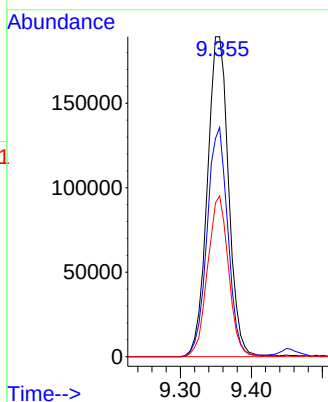
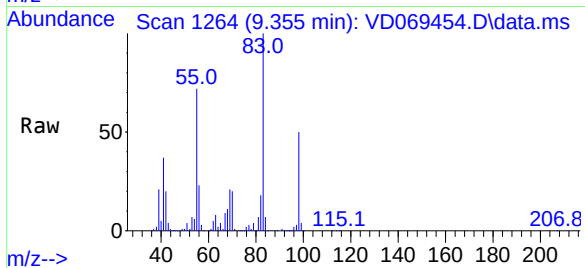
Acq: 16 Jun 2021 08:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 393516 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 71.7  | 57.4  | 86.2   |
| 98       | 50.2  | 42.2  | 63.2   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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#40

Benzene

Concen: 52.849 ug/l

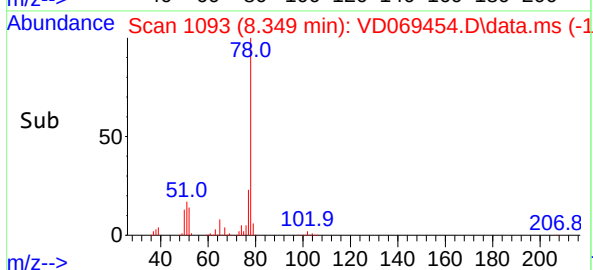
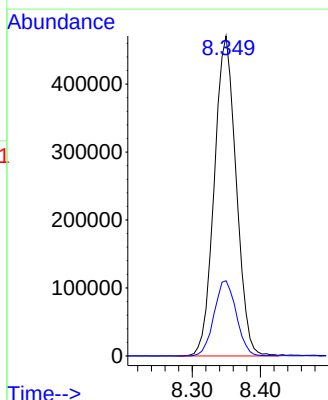
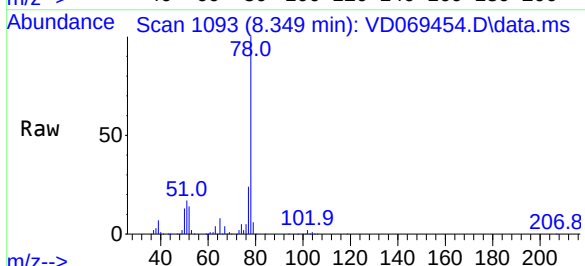
RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

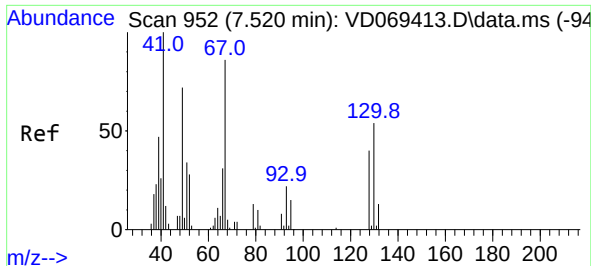
Lab File: VD069454.D

Acq: 16 Jun 2021 08:46

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 78    | Resp: | 1050484 |
| Ion      | Ratio | Lower | Upper   |
| 78       | 100   |       |         |
| 77       | 23.5  | 18.7  | 28.1    |







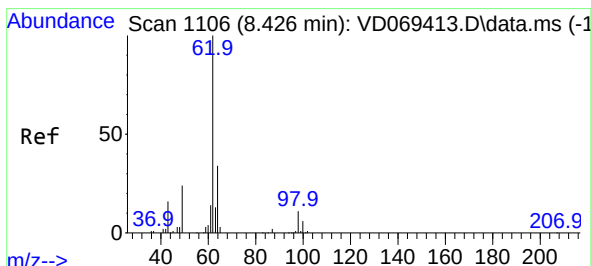
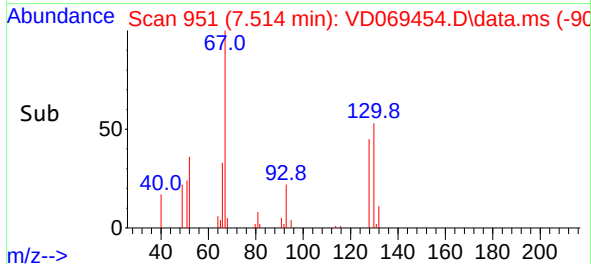
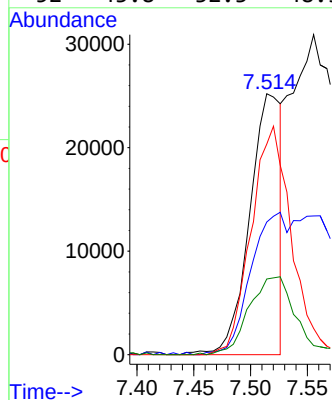
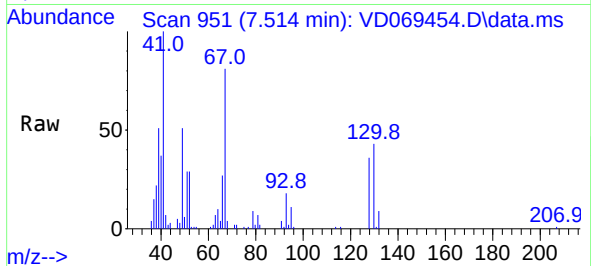
#41  
Methacrylonitrile  
Concen: 42.828 ug/l  
RT: 7.514 min Scan# 951  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 48683 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.4  | 50.6  | 76.0  |
| 67       | 112.7 | 86.2  | 129.4 |
| 52       | 43.8  | 32.3  | 48.5  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

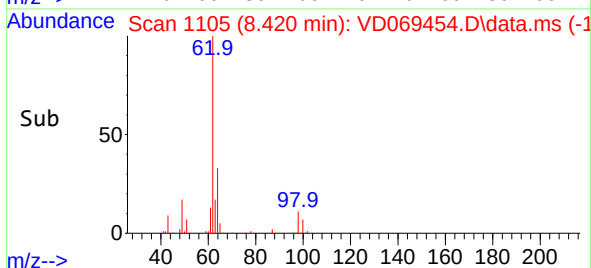
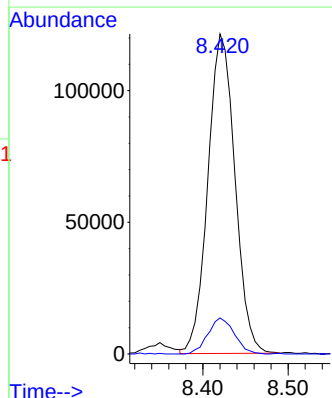
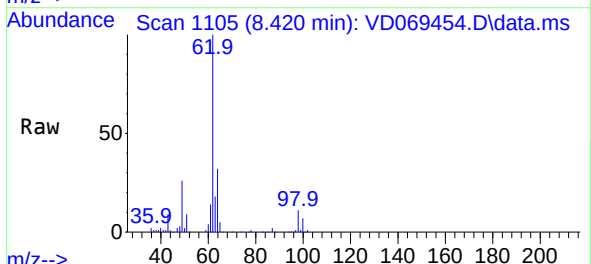
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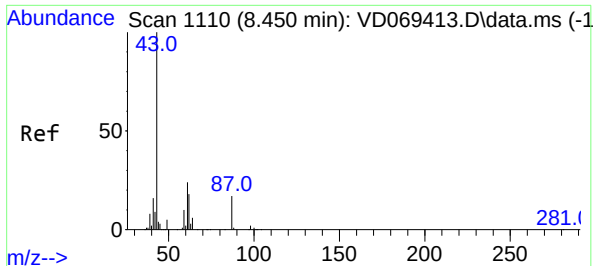
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#42  
1,2-Dichloroethane  
Concen: 49.062 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 267593 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.0  | 0.0   | 21.4   |





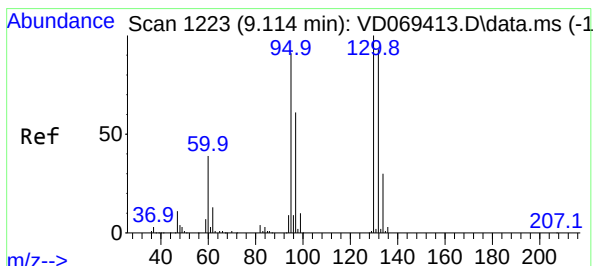
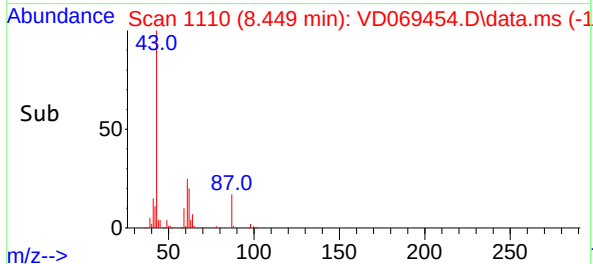
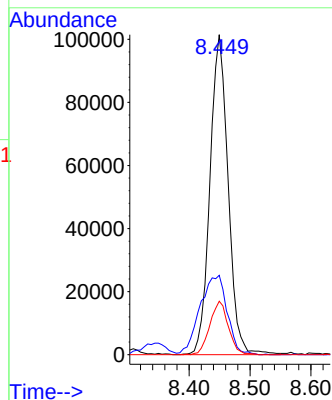
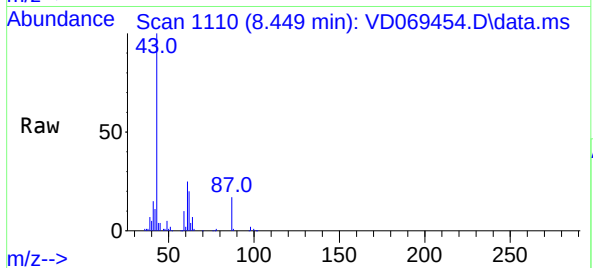
#43  
Isopropyl Acetate  
Concen: 48.693 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 43 Resp: 210374  
Ion Ratio Lower Upper  
43 100  
61 37.0 29.0 43.6  
87 17.0 12.7 19.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

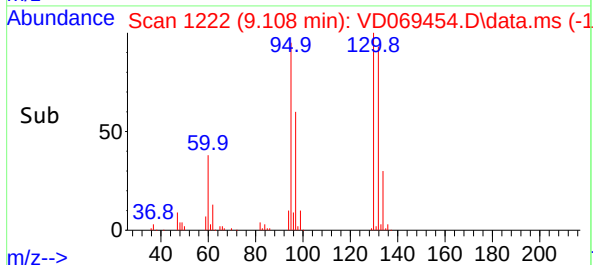
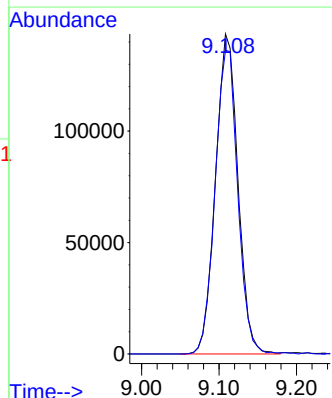
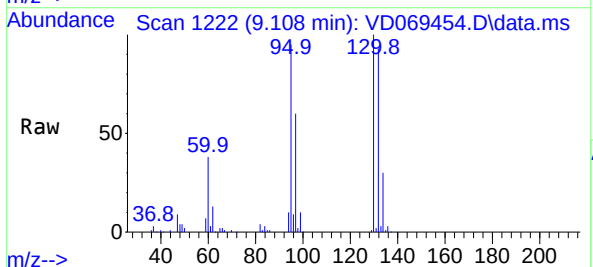
Manual Integrations  
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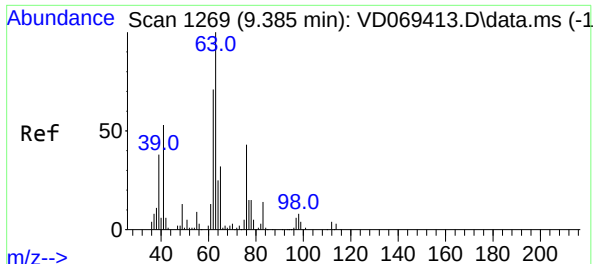
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#44  
Trichloroethene  
Concen: 52.044 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:130 Resp: 288504  
Ion Ratio Lower Upper  
130 100  
95 94.9 0.0 198.8





#45

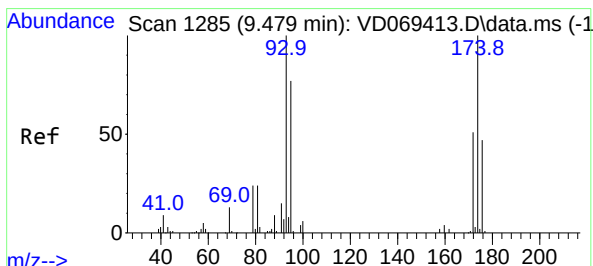
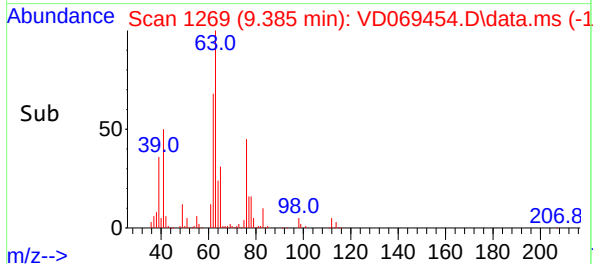
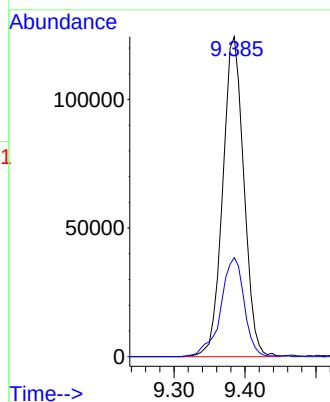
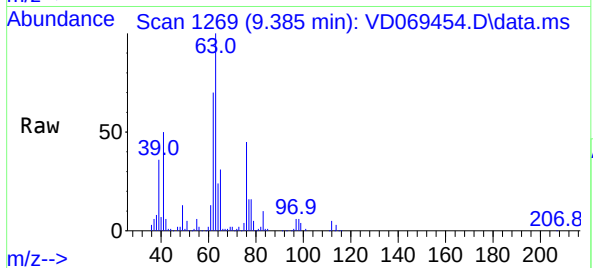
1,2-Dichloropropane  
Concen: 52.888 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 63 Resp: 256630  
Ion Ratio Lower Upper  
63 100  
65 30.9 25.3 37.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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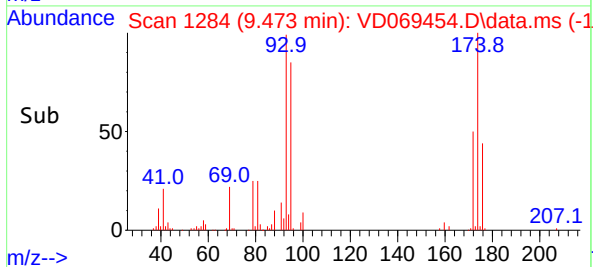
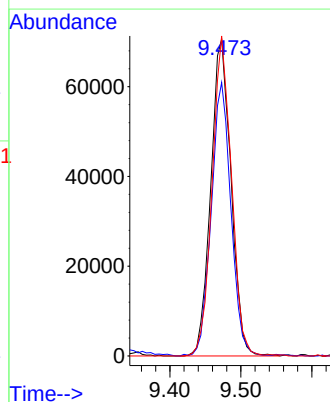
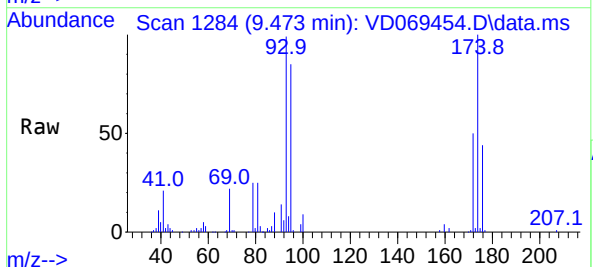
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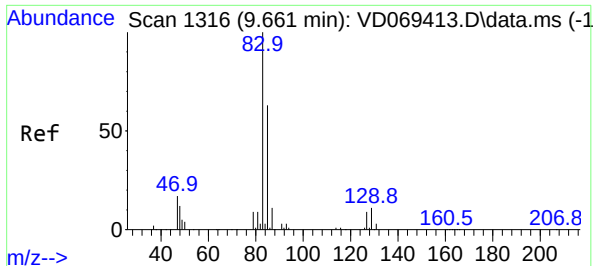


#46

Dibromomethane  
Concen: 50.207 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

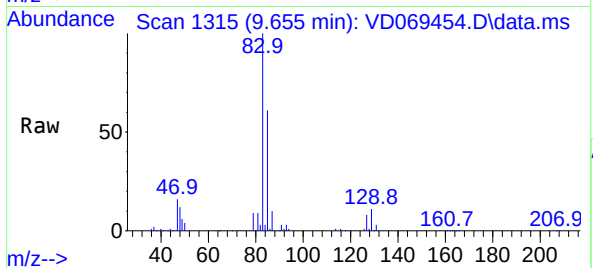
Tgt Ion: 93 Resp: 139588  
Ion Ratio Lower Upper  
93 100  
95 84.0 63.4 95.2  
174 96.4 74.5 111.7





#47  
Bromodichloromethane  
Concen: 51.270 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

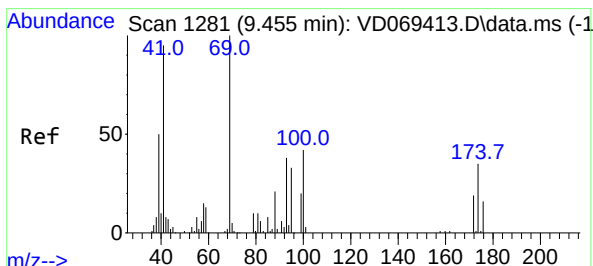
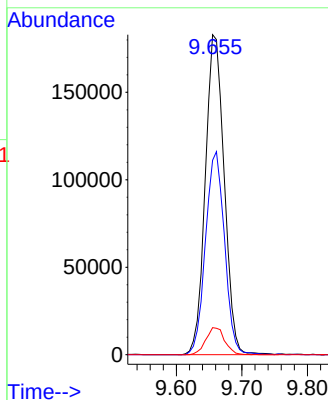
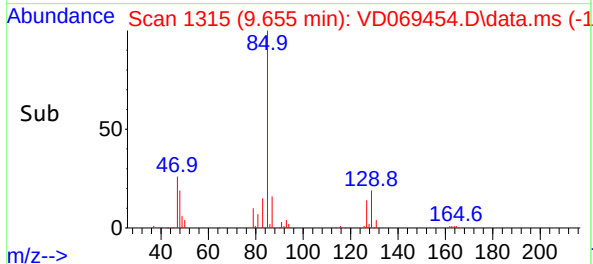
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



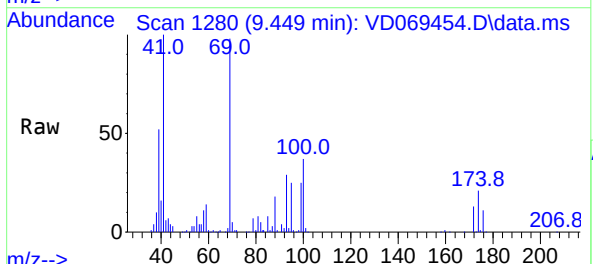
Tgt Ion: 83 Resp: 367514  
Ion Ratio Lower Upper  
83 100  
85 60.8 48.2 72.2  
127 8.4 7.1 10.7

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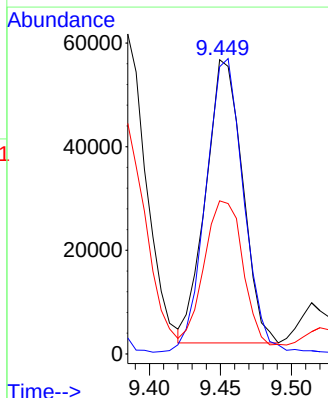
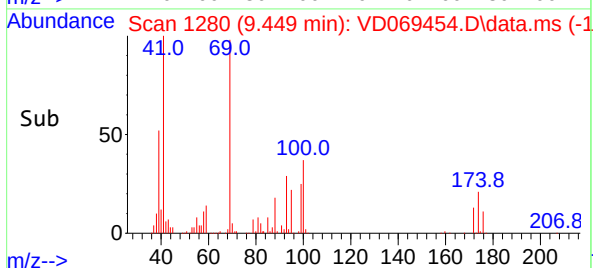
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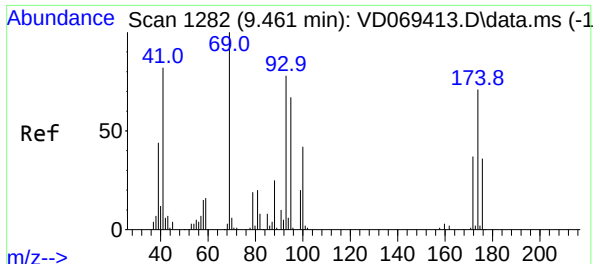


#48  
Methyl methacrylate  
Concen: 50.173 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 41 Resp: 98579  
Ion Ratio Lower Upper  
41 100  
69 107.7 77.6 116.4  
39 53.3 45.3 67.9





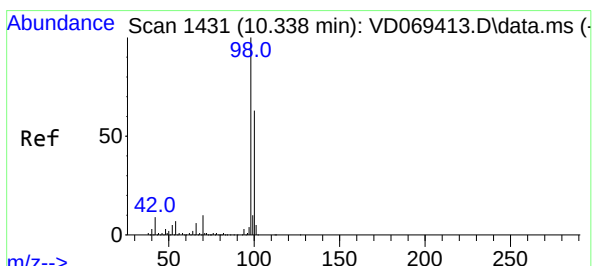
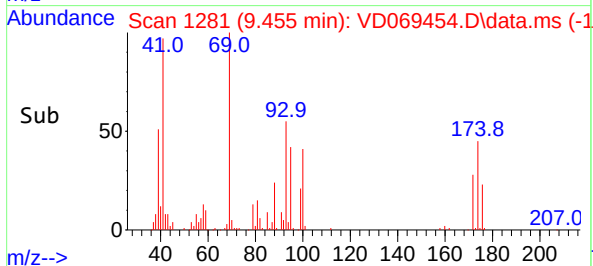
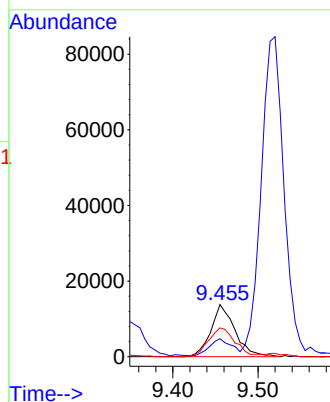
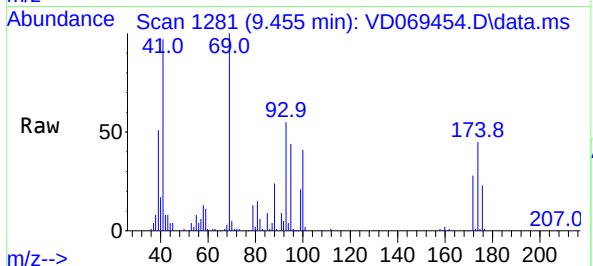
#49  
1,4-Dioxane  
Concen: 998.675 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 88 Resp: 27039  
Ion Ratio Lower Upper  
88 100  
43 29.5 25.4 38.2  
58 61.5 50.2 75.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

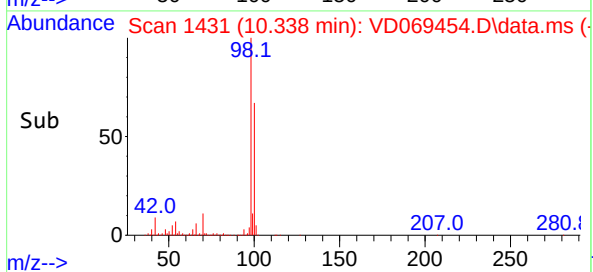
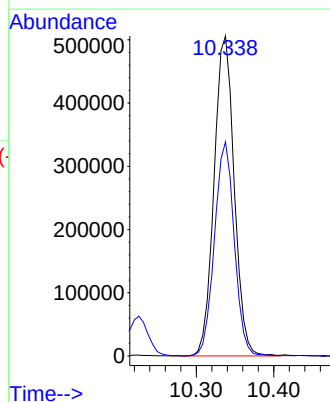
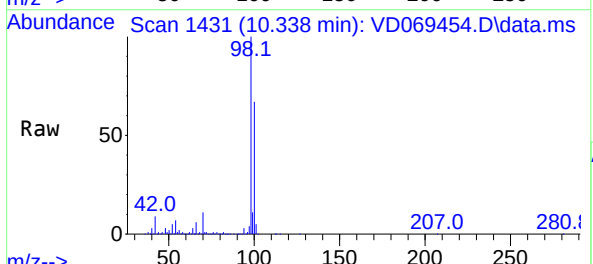
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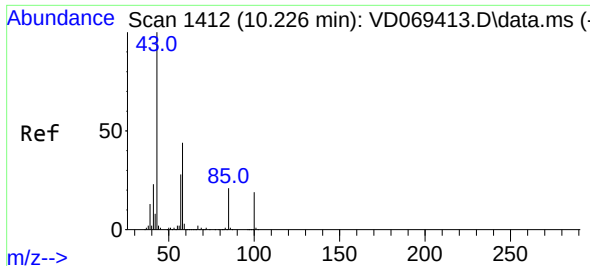
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#50  
Toluene-d8  
Concen: 50.853 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 98 Resp: 913680  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.1 78.1





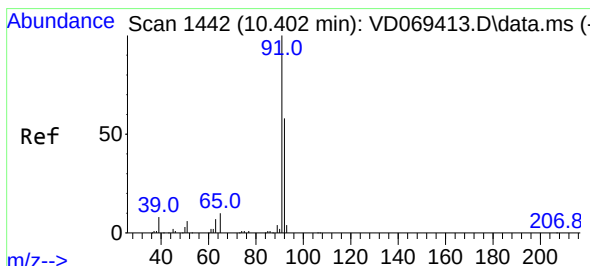
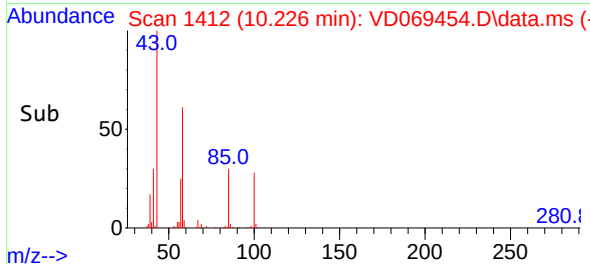
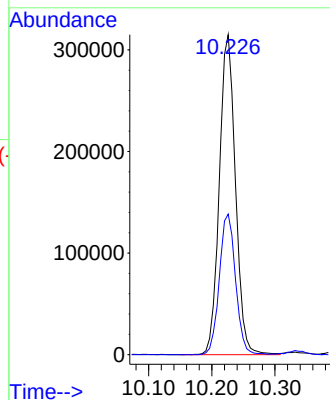
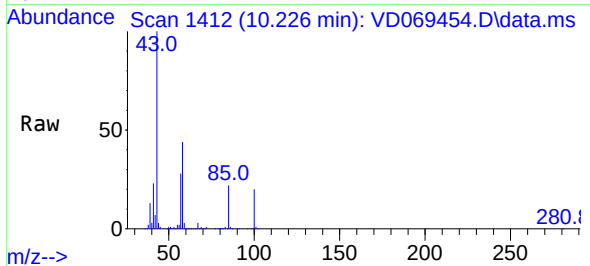
#51  
4-Methyl-2-Pentanone  
Concen: 253.541 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 43 Resp: 558873  
Ion Ratio Lower Upper  
43 100  
58 44.2 35.1 52.7

Instrument :  
MSVOA\_D  
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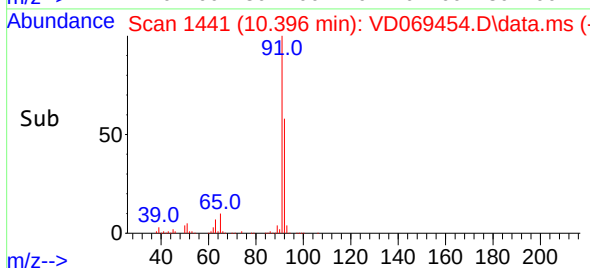
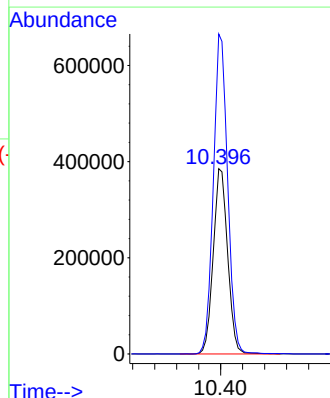
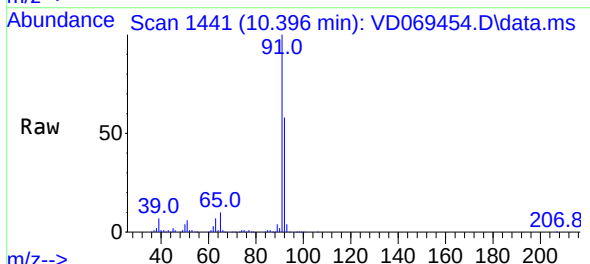
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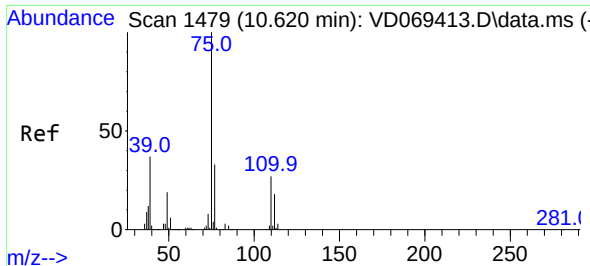
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#52  
Toluene  
Concen: 55.434 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 92 Resp: 699647  
Ion Ratio Lower Upper  
92 100  
91 171.5 138.4 207.6





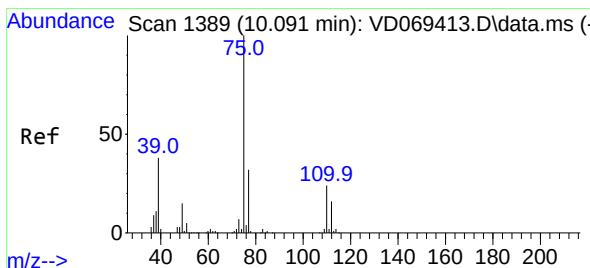
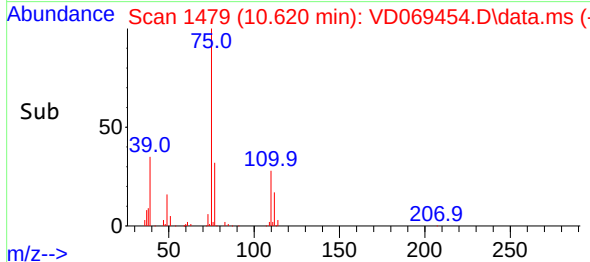
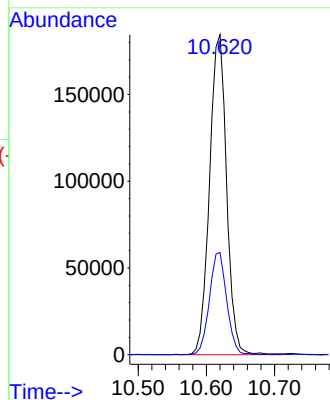
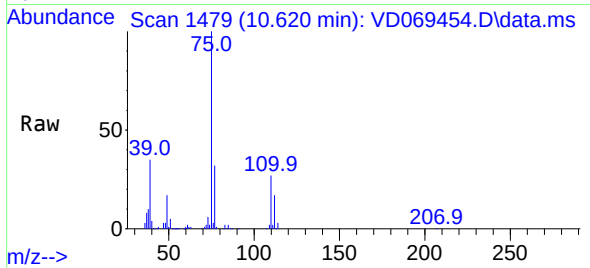
#53  
t-1,3-Dichloropropene  
Concen: 52.294 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 75 Resp: 321080  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.1 37.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

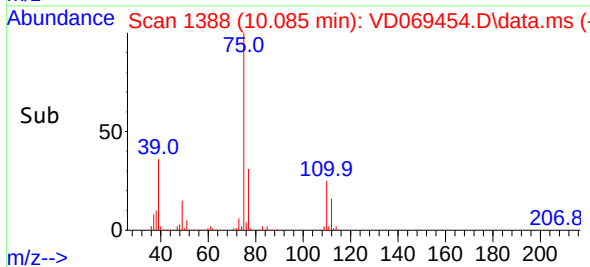
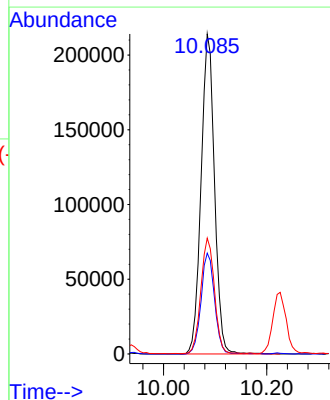
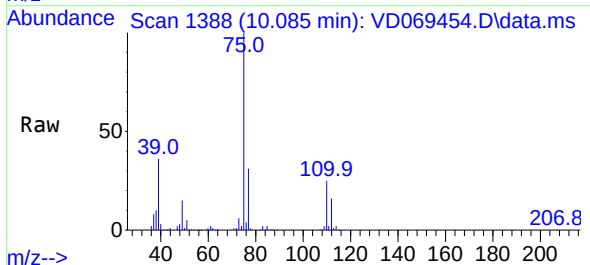
Manual Integrations  
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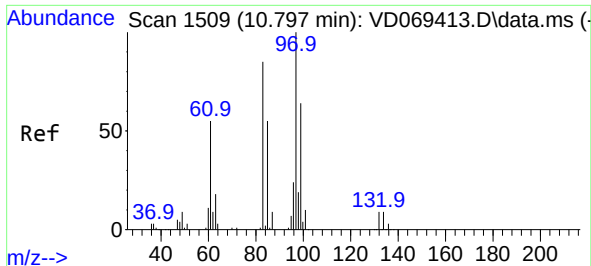
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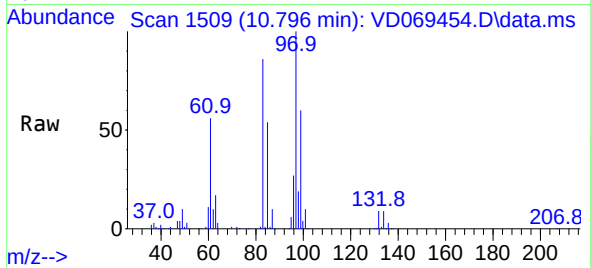
#54  
cis-1,3-Dichloropropene  
Concen: 52.296 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 75 Resp: 385984  
Ion Ratio Lower Upper  
75 100  
77 31.5 26.2 39.2  
39 36.1 29.7 44.5



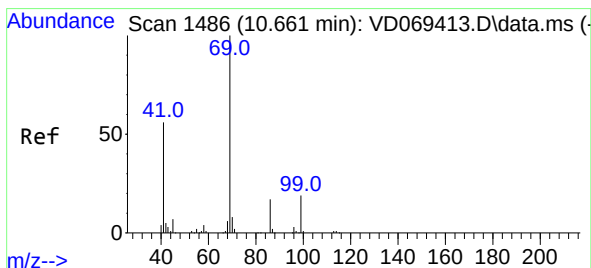
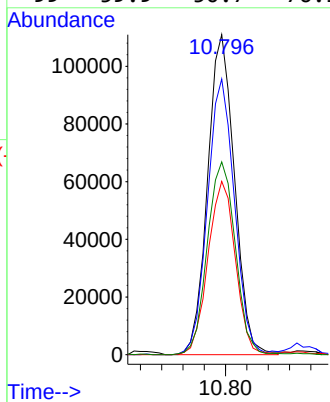
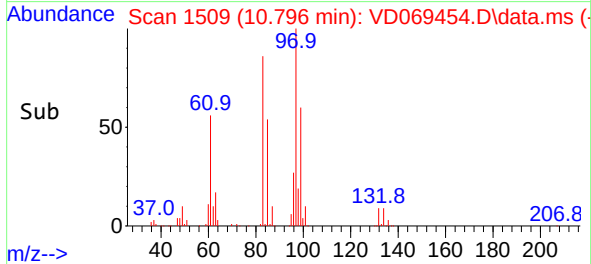


#55  
1,1,2-Trichloroethane  
Concen: 50.549 ug/l  
RT: 10.796 min Scan# 1509  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

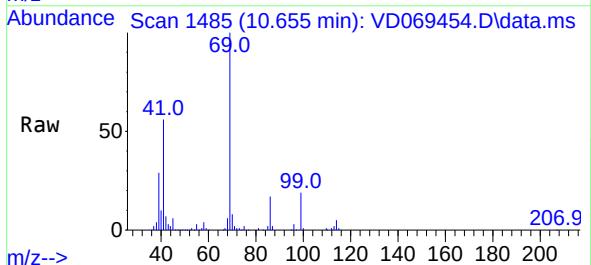


Tgt Ion: 97 Resp: 194265

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.0  | 69.4  | 104.0 |
| 85  | 54.0  | 44.5  | 66.7  |
| 99  | 59.9  | 50.7  | 76.1  |

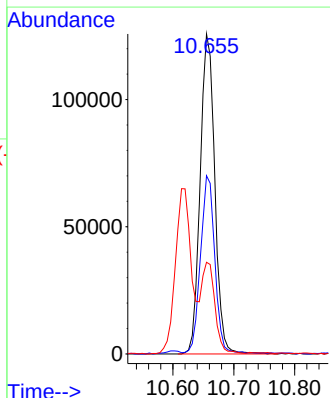
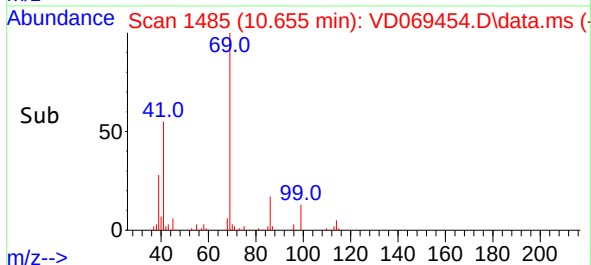


#56  
Ethyl methacrylate  
Concen: 47.876 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 69 Resp: 209548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 54.1  | 45.4  | 68.2  |
| 39  | 24.5  | 21.7  | 32.5  |

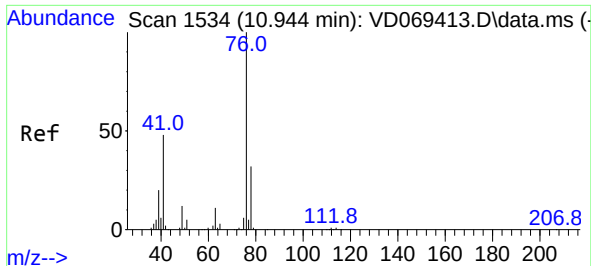


Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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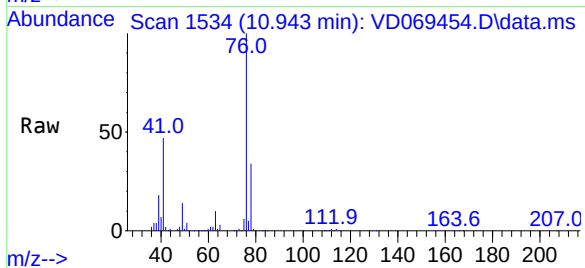
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#57  
1,3-Dichloropropane  
Concen: 51.282 ug/l  
RT: 10.943 min Scan# 1534  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

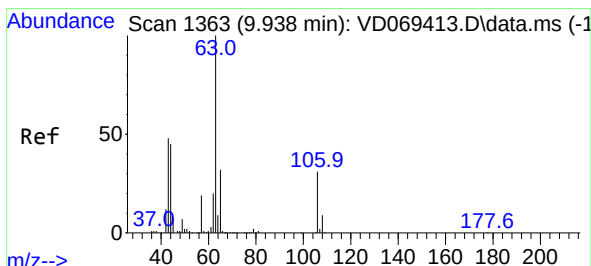
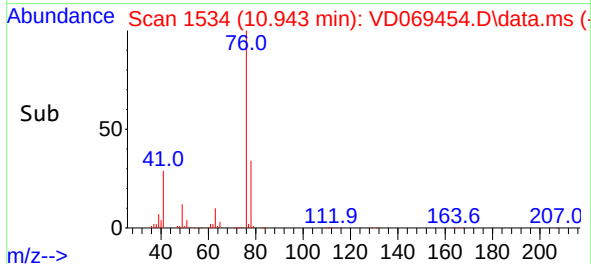
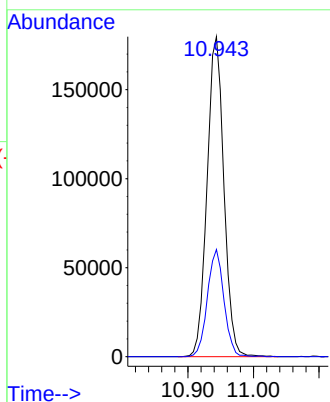
Instrument :  
MSVOA\_D  
ClientSampleId :  
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Tgt Ion: 76 Resp: 320816  
Ion Ratio Lower Upper  
76 100  
78 32.9 26.2 39.2

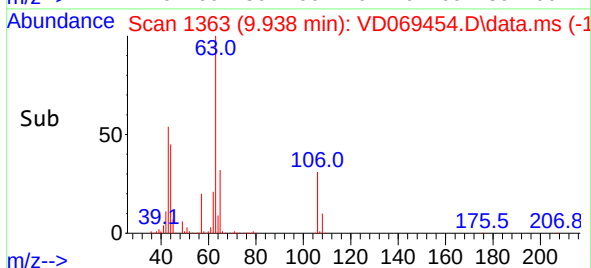
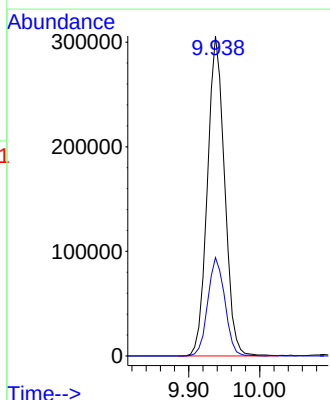
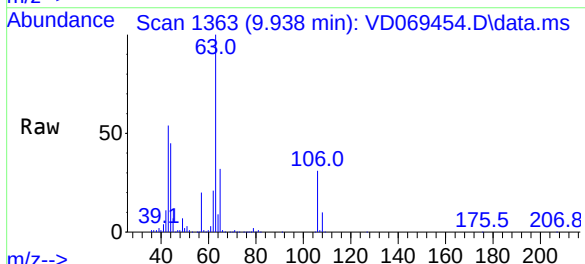
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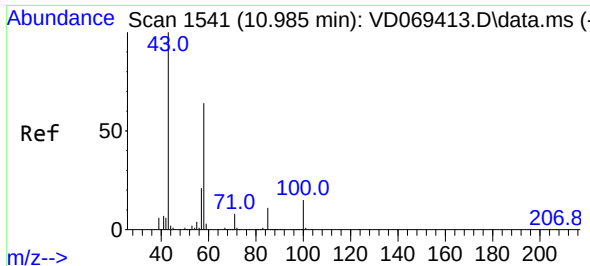
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#58  
2-Chloroethyl Vinyl ether  
Concen: 233.429 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

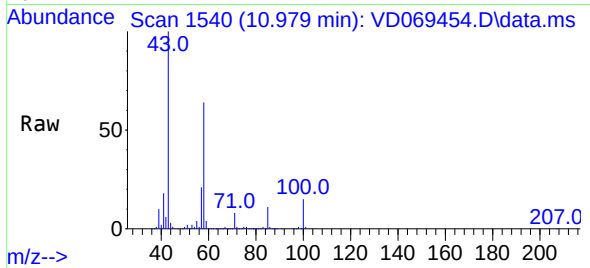
Tgt Ion: 63 Resp: 513912  
Ion Ratio Lower Upper  
63 100  
106 30.5 24.8 37.2





#59  
2-Hexanone  
Concen: 274.565 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

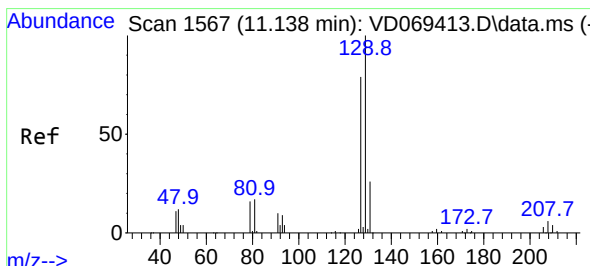
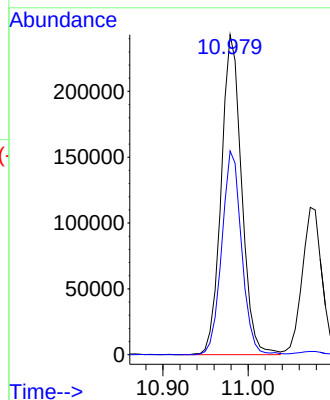
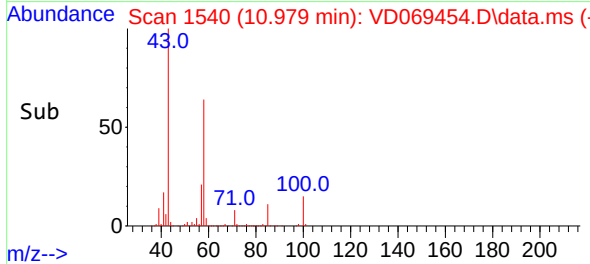
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ClientSampleId :  
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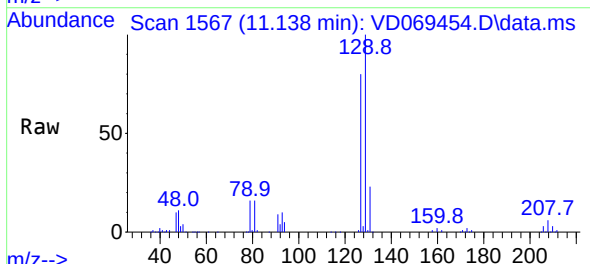
Tgt Ion: 43 Resp: 403988  
Ion Ratio Lower Upper  
43 100  
58 61.9 30.8 92.3

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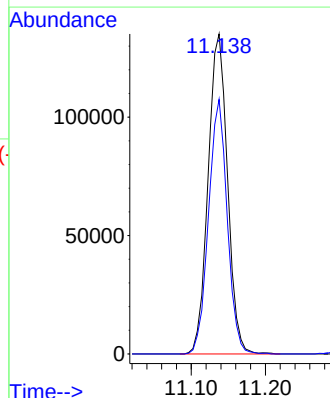
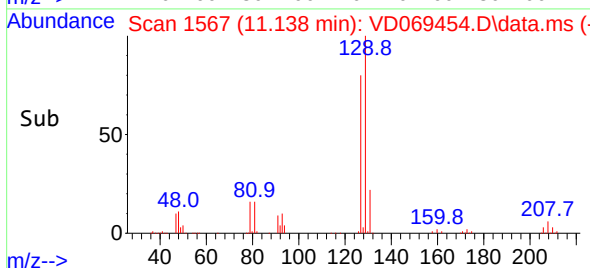
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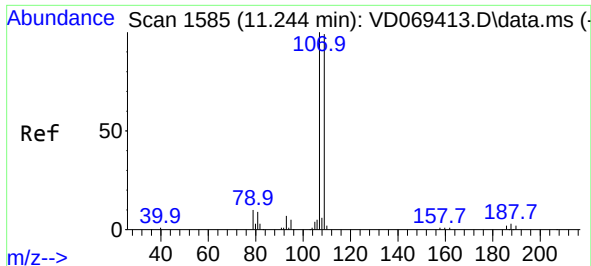


#60  
Dibromochloromethane  
Concen: 50.199 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



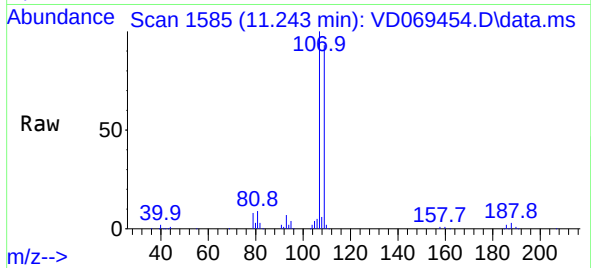
Tgt Ion: 129 Resp: 245866  
Ion Ratio Lower Upper  
129 100  
127 76.6 39.6 118.7



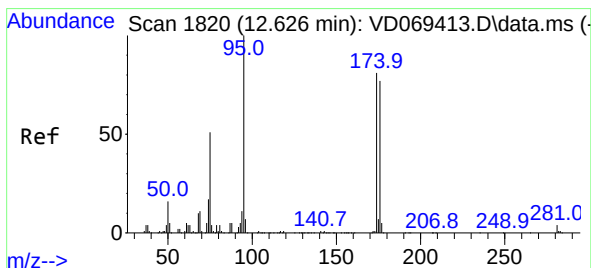
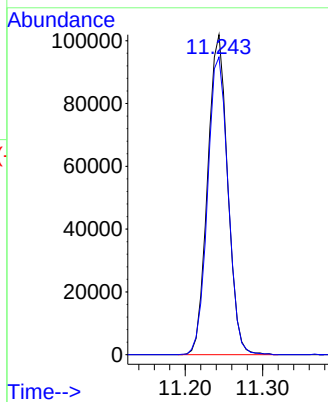
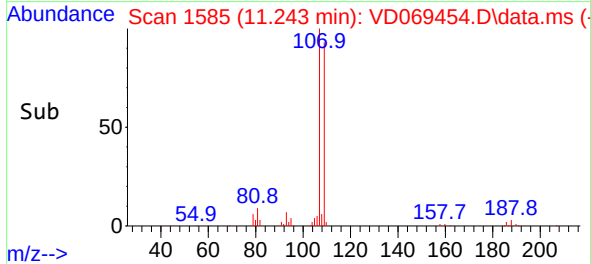


#61  
1,2-Dibromoethane  
Concen: 49.554 ug/l  
RT: 11.243 min Scan# 1585  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

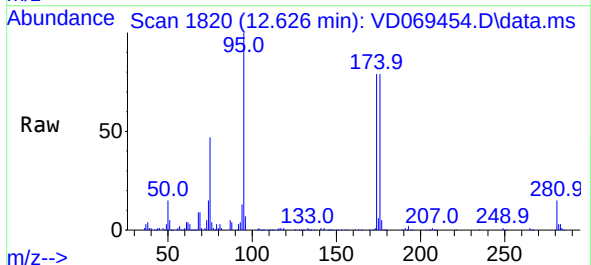
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



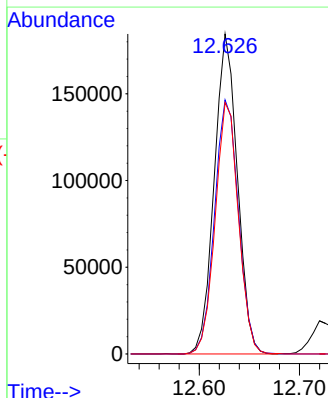
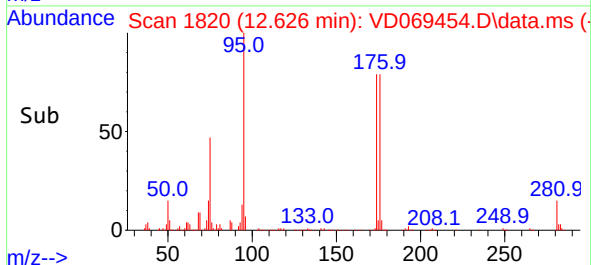
Tgt Ion:107 Resp: 182935  
Ion Ratio Lower Upper  
107 100  
109 95.3 75.9 113.9

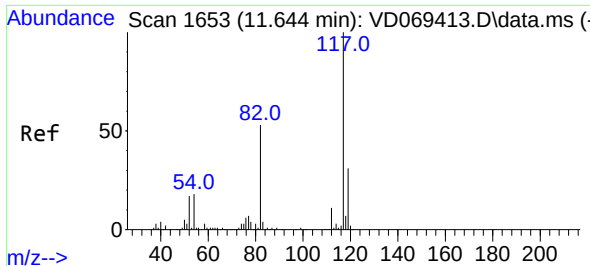


#62  
4-Bromofluorobenzene  
Concen: 51.161 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

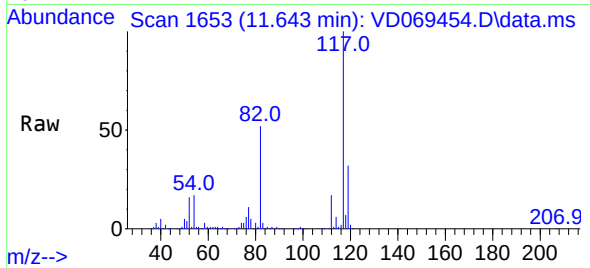


Tgt Ion: 95 Resp: 294945  
Ion Ratio Lower Upper  
95 100  
174 82.1 0.0 162.8  
176 79.0 0.0 154.4

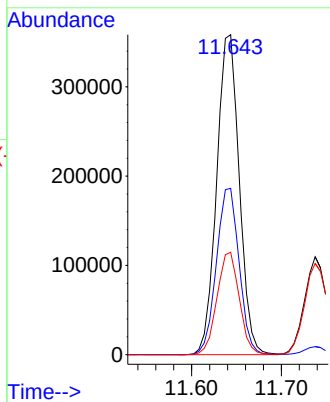
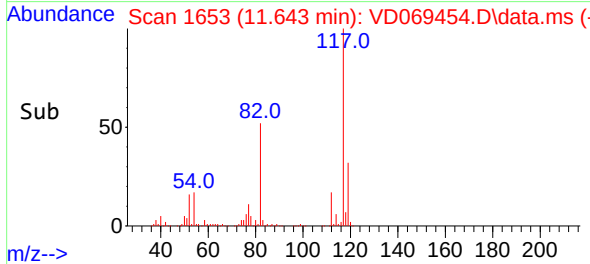




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



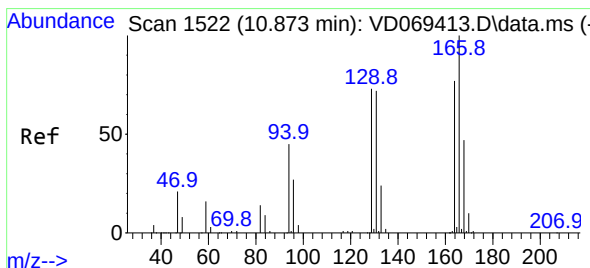
Tgt Ion:117 Resp: 627240  
Ion Ratio Lower Upper  
117 100  
82 52.0 43.3 64.9  
119 32.0 25.3 37.9



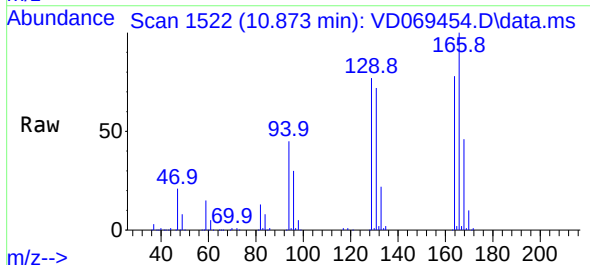
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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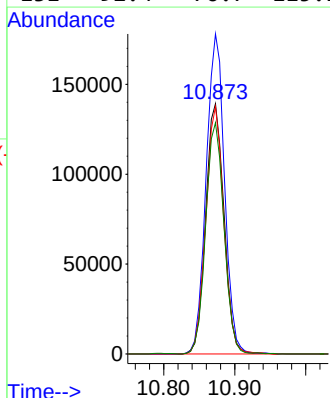
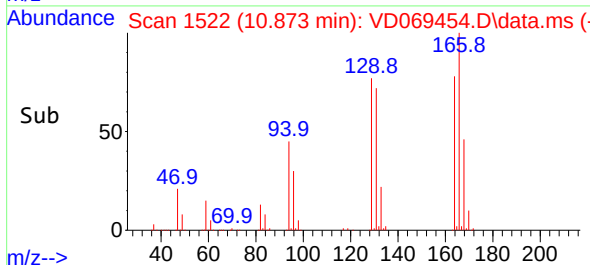
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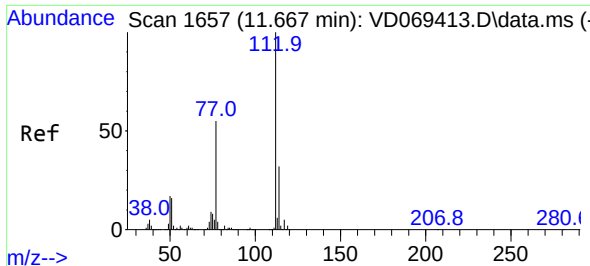


#64  
Tetrachloroethene  
Concen: 51.579 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

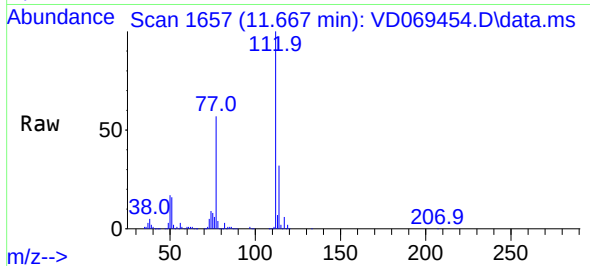


Tgt Ion:164 Resp: 250209  
Ion Ratio Lower Upper  
164 100  
166 127.9 100.2 150.4  
129 98.9 78.1 117.1  
131 92.4 76.7 115.1

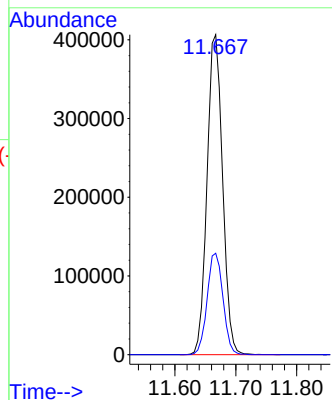




#65  
Chlorobenzene  
Concen: 52.224 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



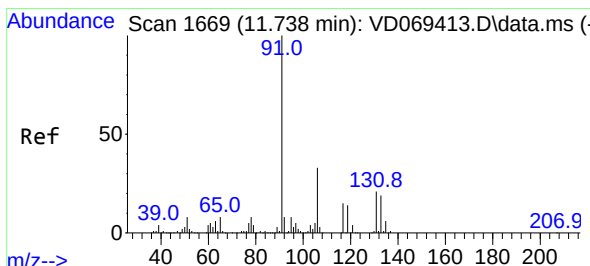
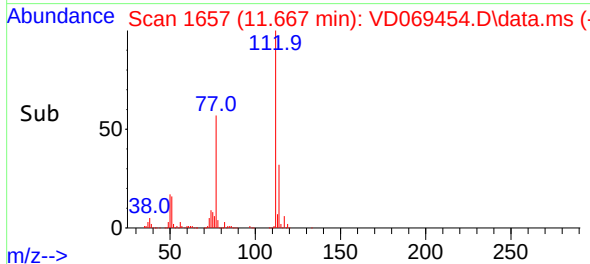
Tgt Ion:112 Resp: 720492  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.6 38.4



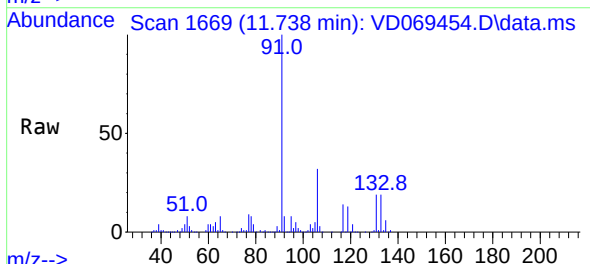
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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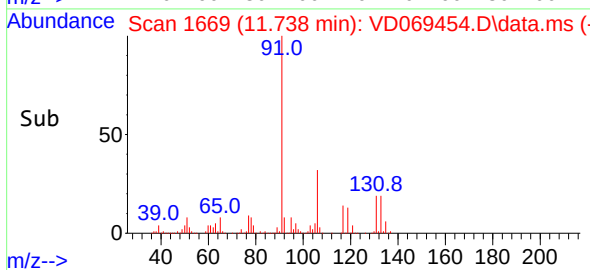
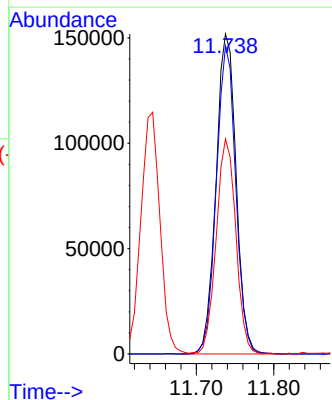
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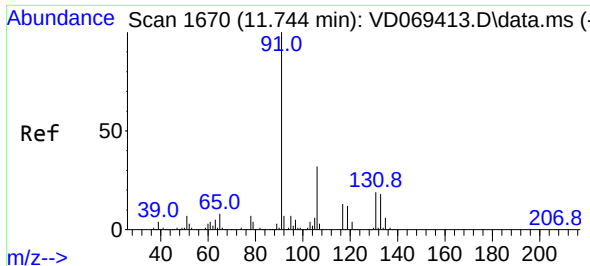


#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.589 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



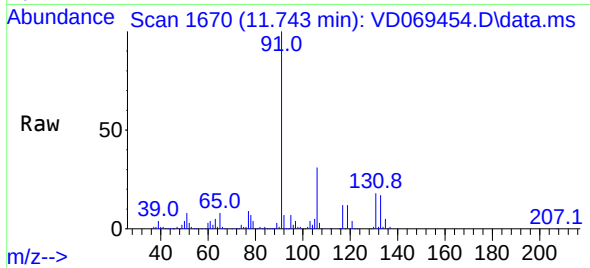
Tgt Ion:131 Resp: 273183  
Ion Ratio Lower Upper  
131 100  
133 93.3 47.4 142.2  
119 65.8 32.8 98.3





#67  
Ethyl Benzene  
Concen: 56.676 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

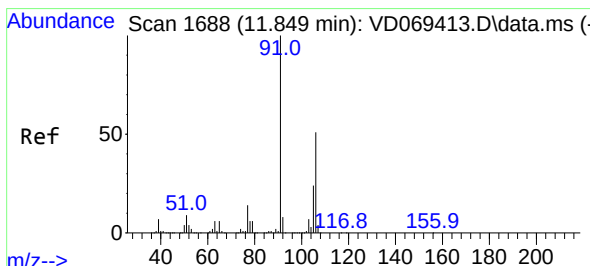
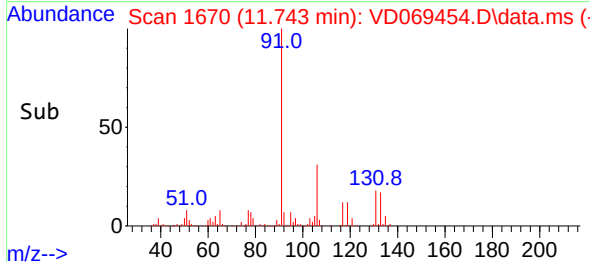
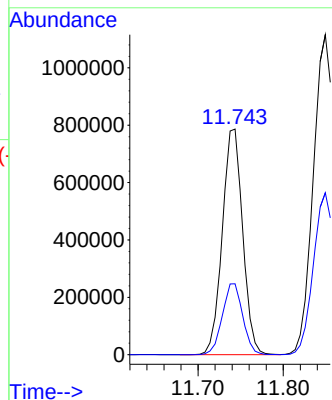
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



Tgt Ion: 91 Resp: 1311323  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.9 38.9

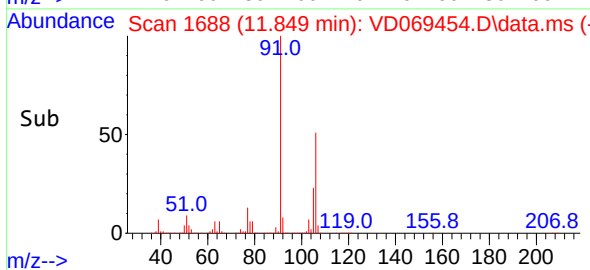
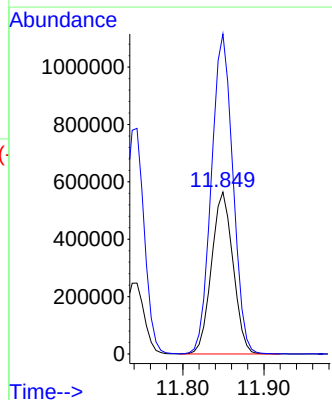
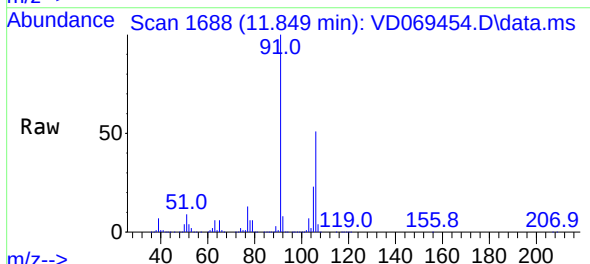
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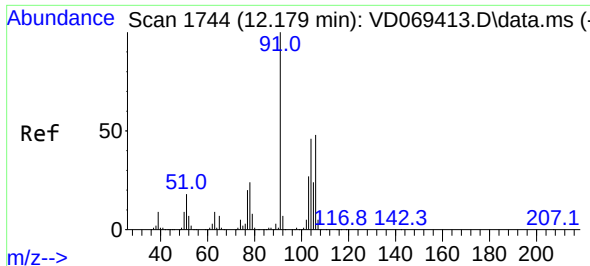
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#68  
m/p-Xylenes  
Concen: 113.158 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

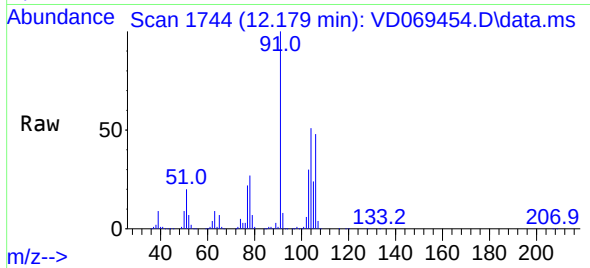
Tgt Ion:106 Resp: 1039988  
Ion Ratio Lower Upper  
106 100  
91 197.6 158.3 237.5





#69  
o-Xylene  
Concen: 56.855 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

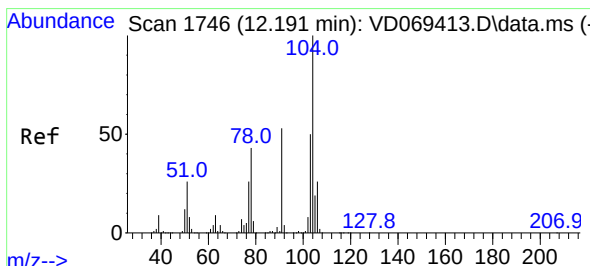
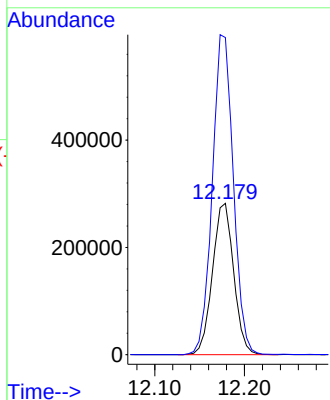
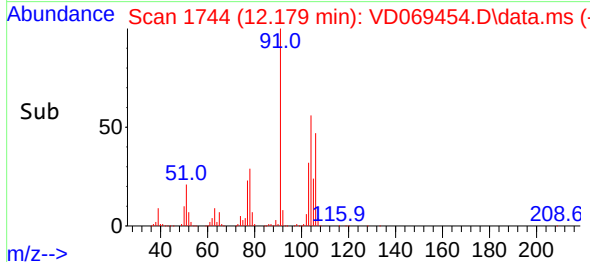
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



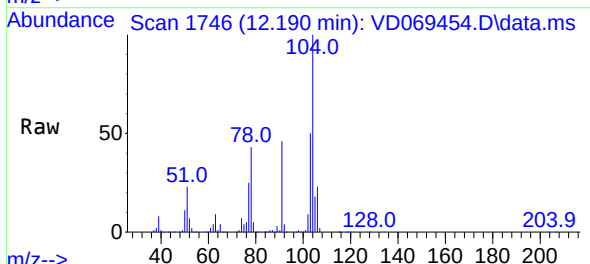
Tgt Ion:106 Resp: 462356  
Ion Ratio Lower Upper  
106 100  
91 209.8 105.5 316.4

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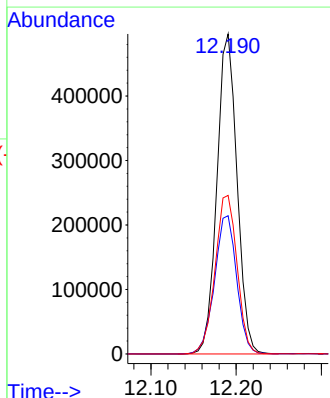
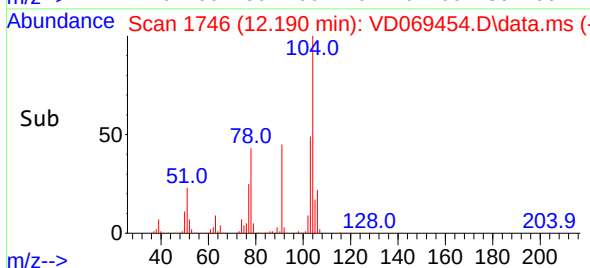
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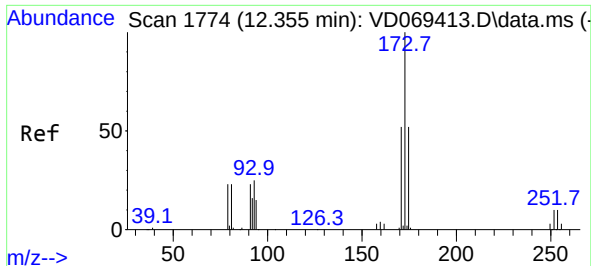


#70  
Styrene  
Concen: 56.946 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion:104 Resp: 814822  
Ion Ratio Lower Upper  
104 100  
78 47.7 37.5 56.3  
103 54.3 44.3 66.5





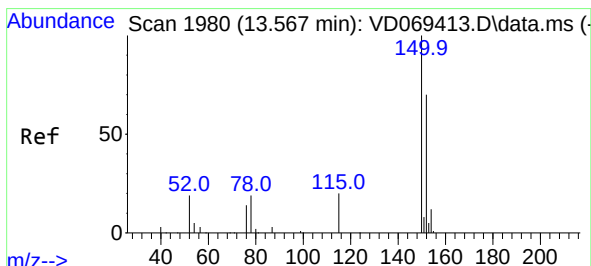
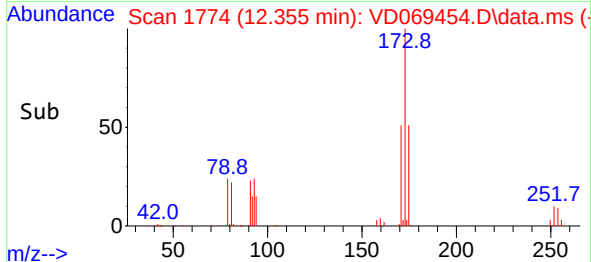
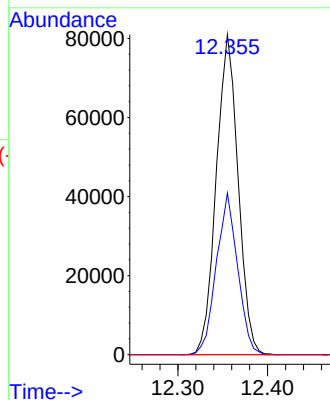
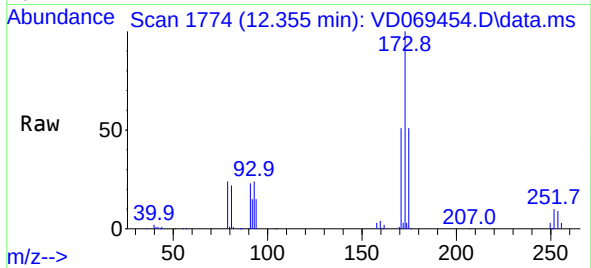
#71  
Bromoform  
Concen: 49.990 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:173 Resp: 137046  
Ion Ratio Lower Upper  
173 100  
175 49.2 23.8 71.2  
254 0.0 0.0 0.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

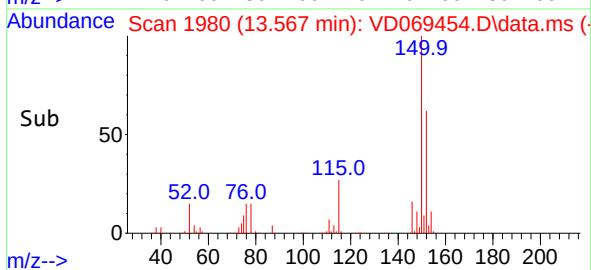
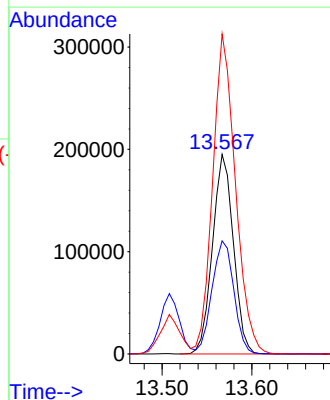
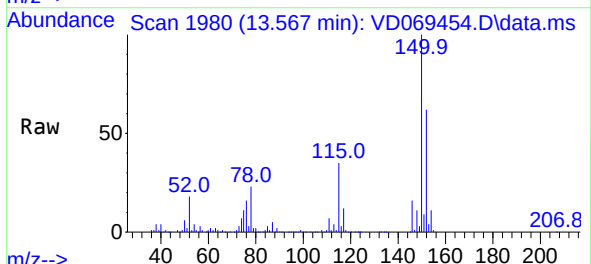
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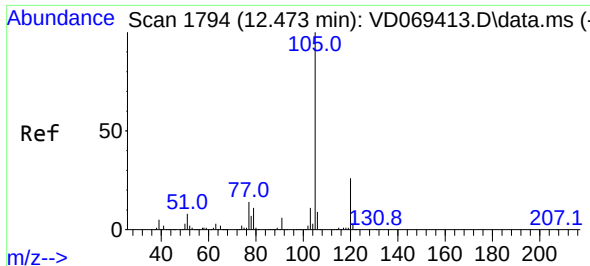


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:152 Resp: 315540  
Ion Ratio Lower Upper  
152 100  
115 59.3 29.4 88.3  
150 175.2 0.0 355.0

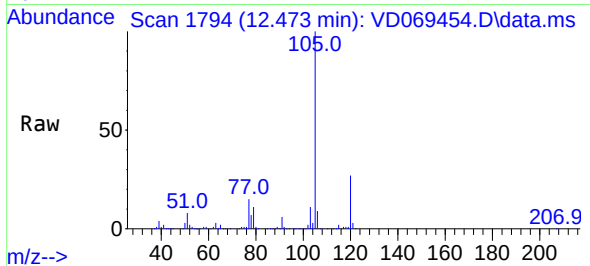






#73  
Isopropylbenzene  
Concen: 56.403 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

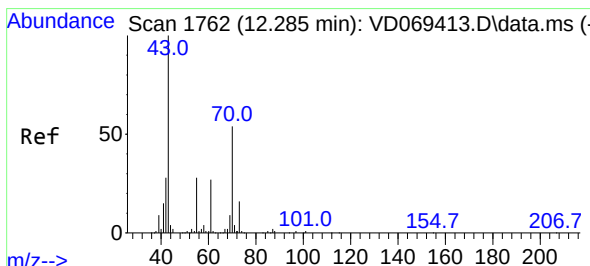
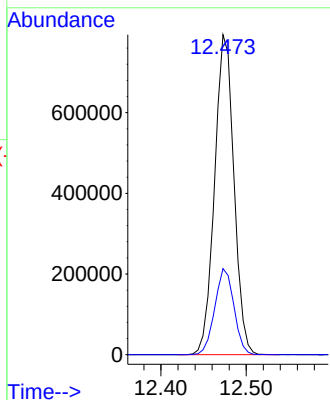
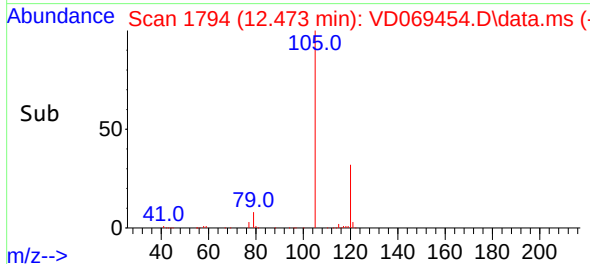
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ClientSampleId :  
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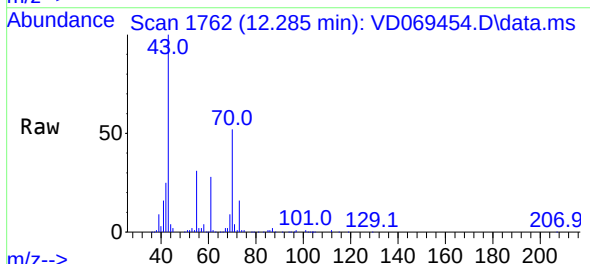
Tgt Ion:105 Resp: 1251245  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.5 40.5

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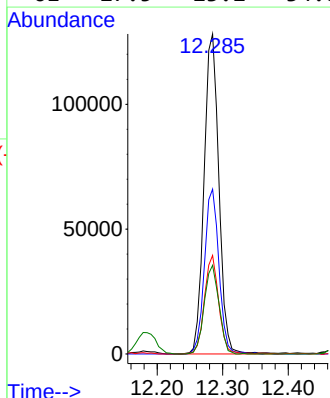
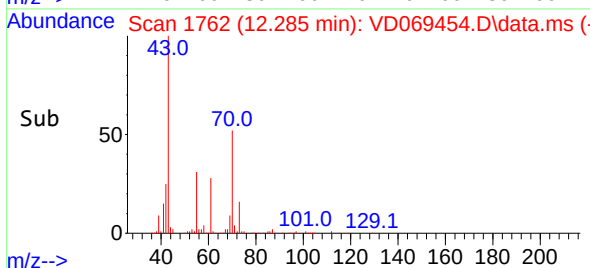
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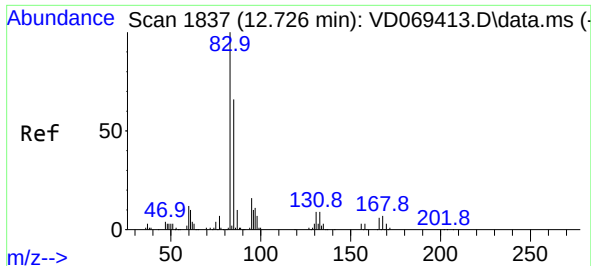


#74  
N-ethyl acetate  
Concen: 50.724 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 43 Resp: 201864  
Ion Ratio Lower Upper  
43 100  
70 50.6 40.9 61.3  
55 29.8 23.4 35.0  
61 27.5 23.2 34.8





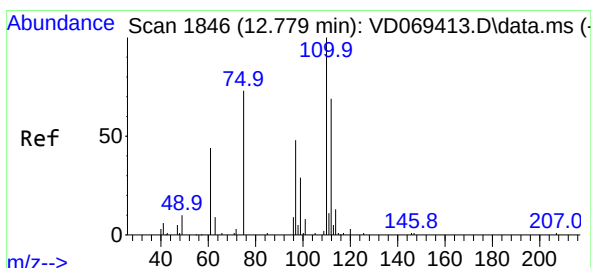
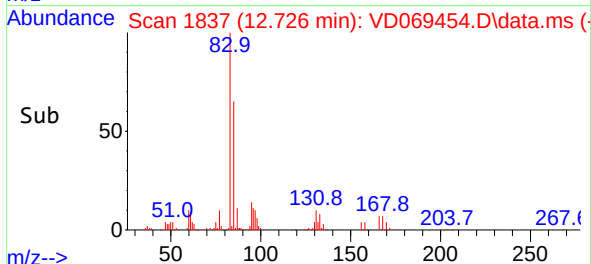
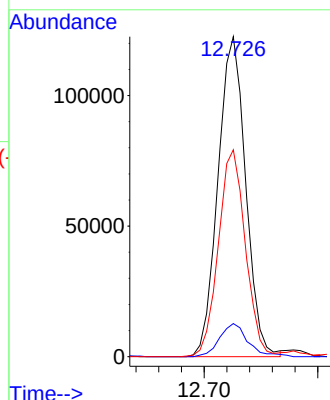
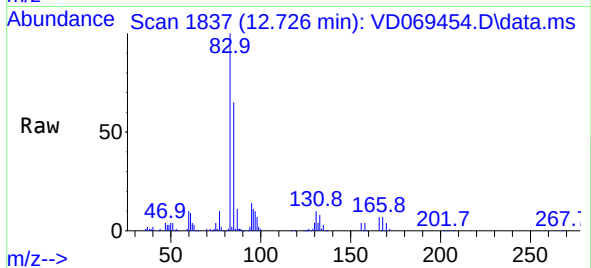
#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.708 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 83 Resp: 207458  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.3 16.1  
85 63.0 32.6 98.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

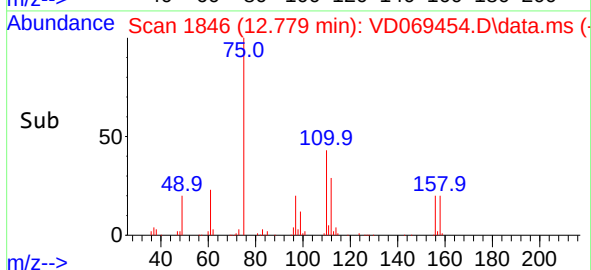
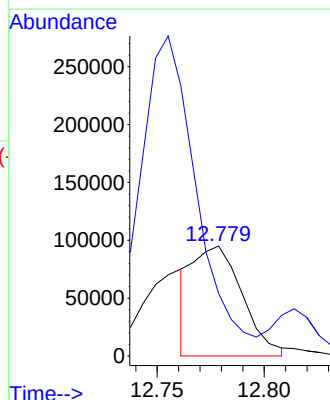
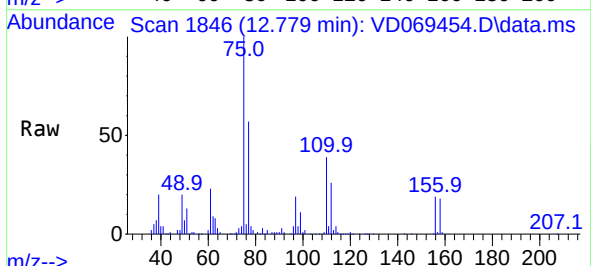
Manual Integrations  
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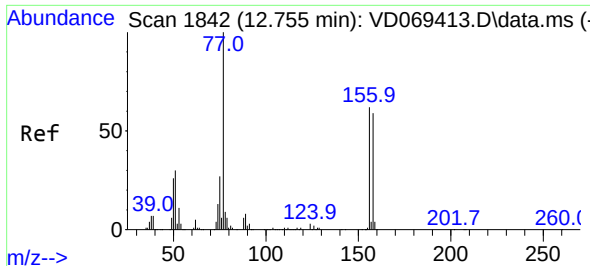
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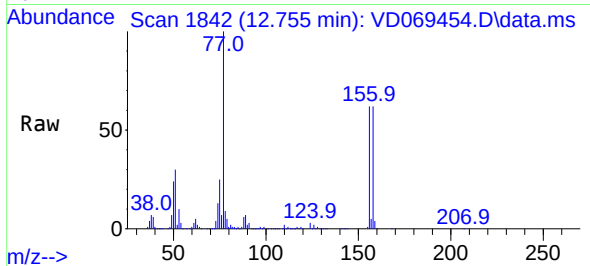
#76  
1,2,3-Trichloropropane  
Concen: 48.016 ug/l m  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 75 Resp: 153606  
Ion Ratio Lower Upper  
75 100  
77 0.0 183.8 551.2#

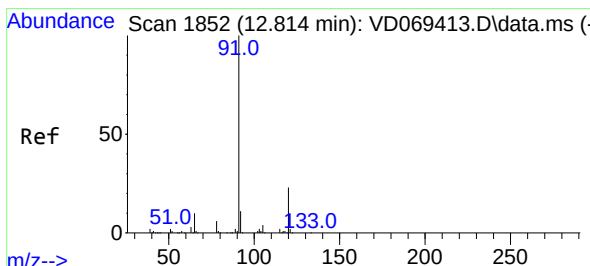
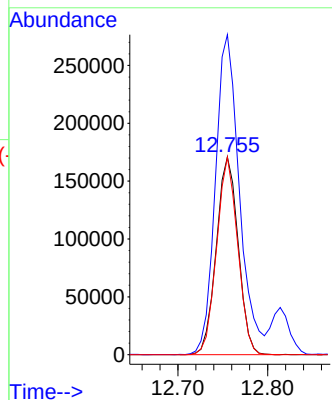
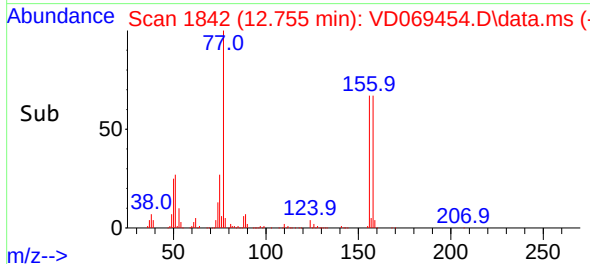




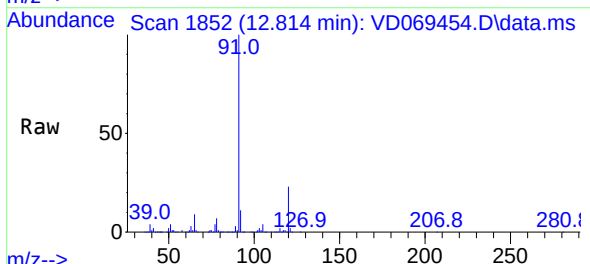
#77  
Bromobenzene  
Concen: 51.826 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



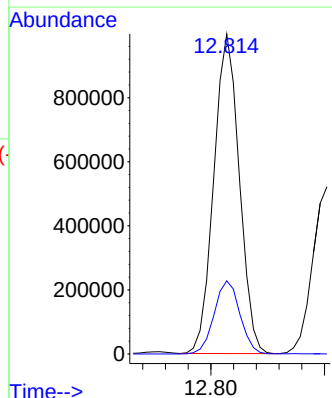
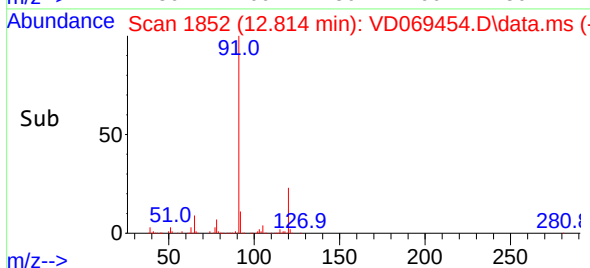
Tgt Ion:156 Resp: 288266  
Ion Ratio Lower Upper  
156 100  
77 178.3 89.3 267.9  
158 96.3 48.0 144.2



#78  
n-propylbenzene  
Concen: 57.116 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



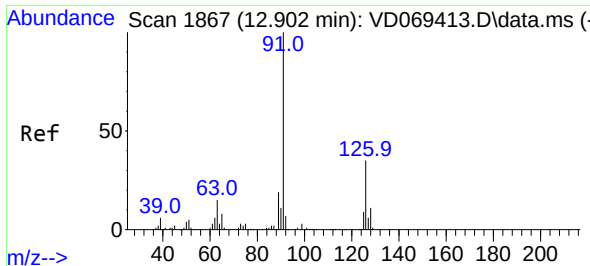
Tgt Ion: 91 Resp: 1554933  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.6 34.8



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

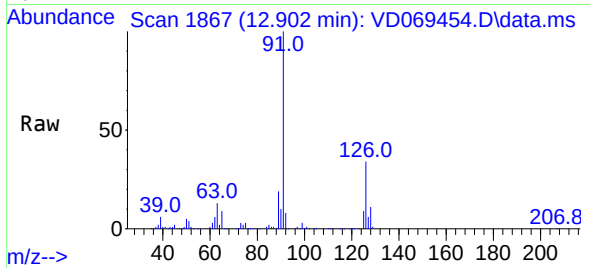
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#79  
2-Chlorotoluene  
Concen: 54.797 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

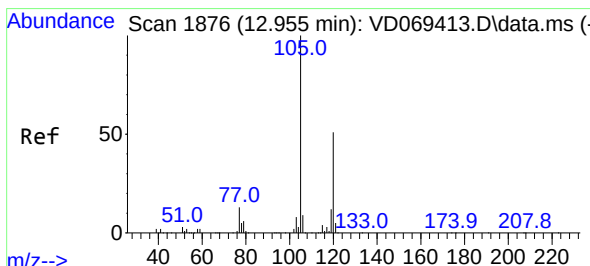
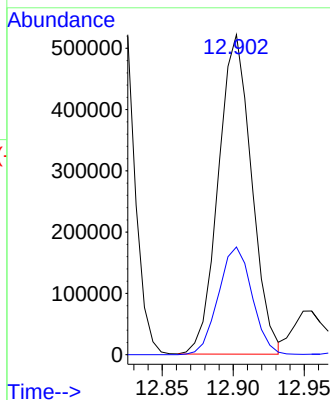
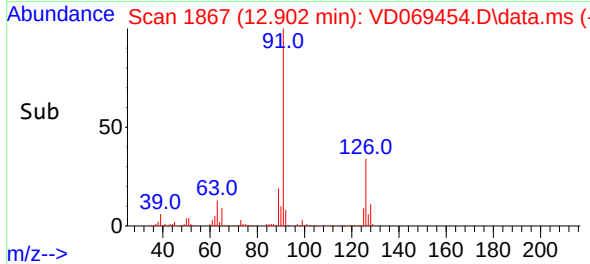
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



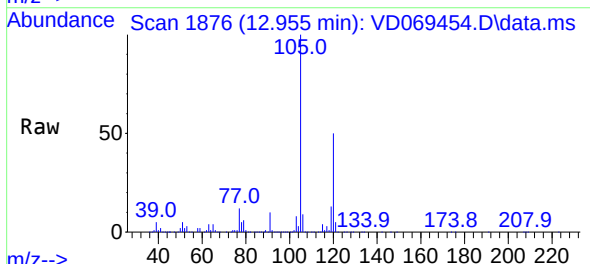
Tgt Ion: 91 Resp: 848001  
Ion Ratio Lower Upper  
91 100  
126 34.2 16.8 50.3

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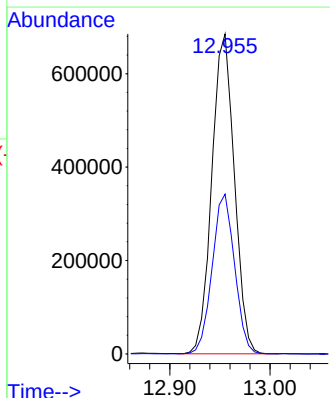
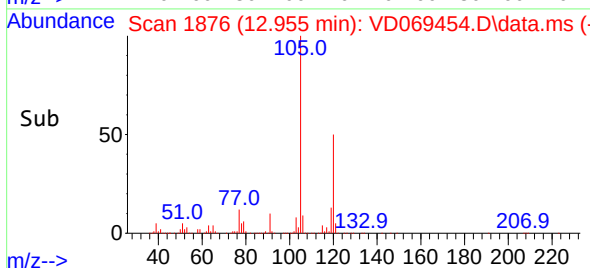
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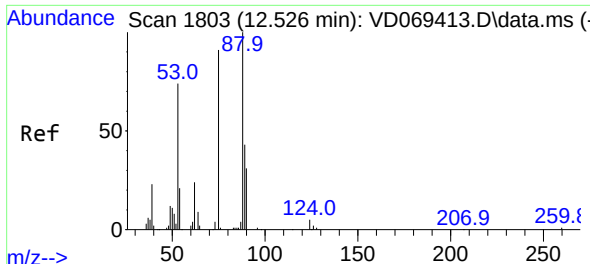


#80  
1,3,5-Trimethylbenzene  
Concen: 57.185 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



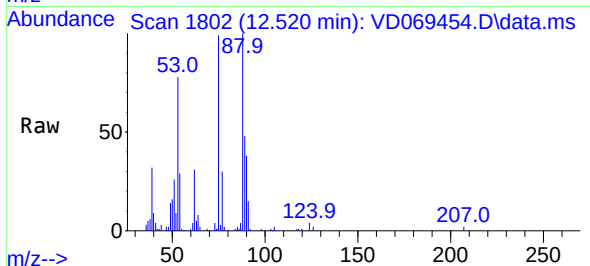
Tgt Ion:105 Resp: 1069455  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.9 74.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.376 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

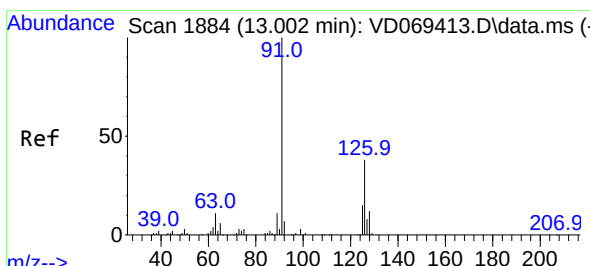
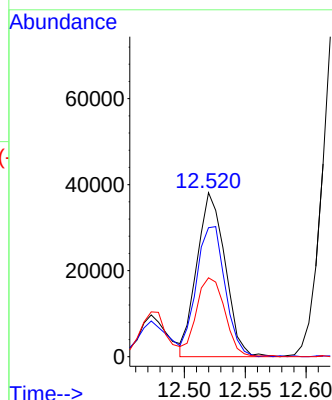
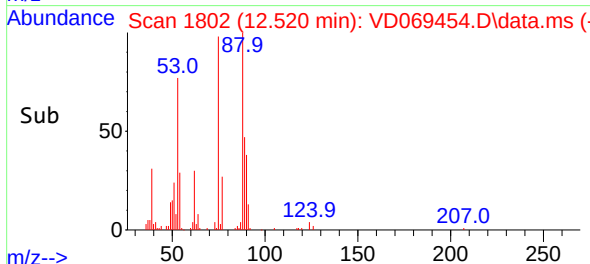
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050



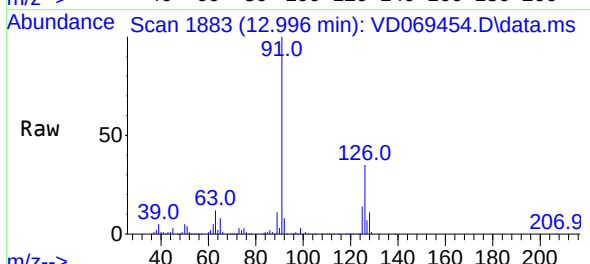
Tgt Ion: 75 Resp: 61608  
Ion Ratio Lower Upper  
75 100  
53 81.1 62.6 94.0  
89 48.8 35.6 53.4

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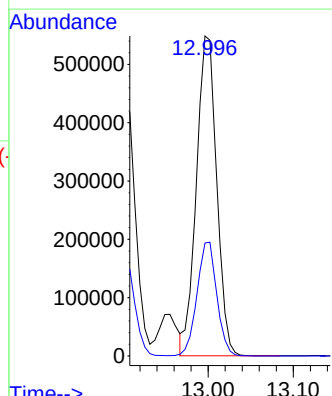
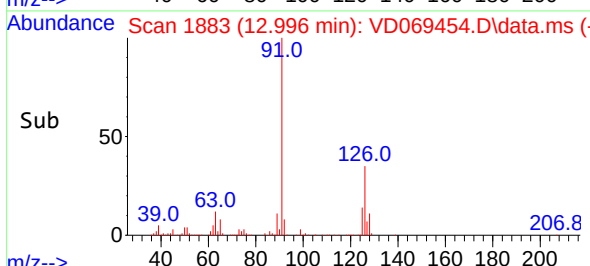
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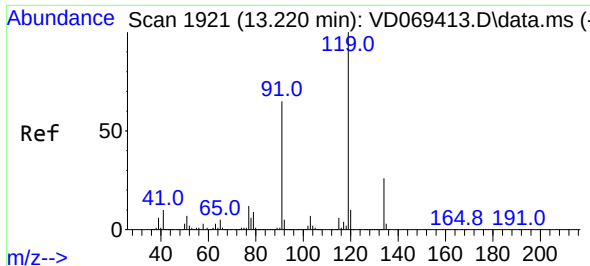


#82  
4-Chlorotoluene  
Concen: 55.054 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion: 91 Resp: 906718  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.4 52.2





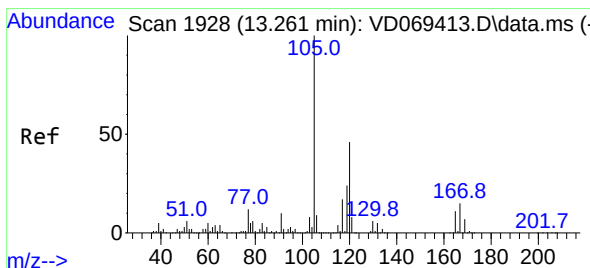
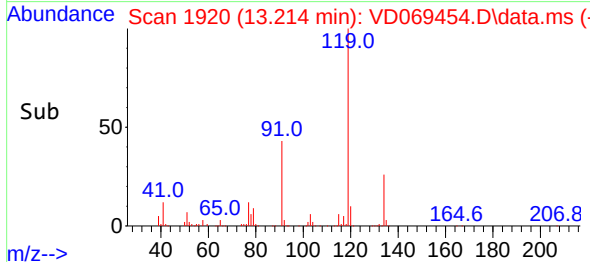
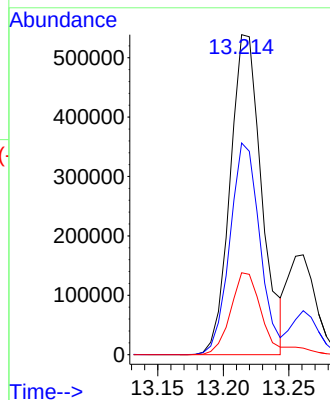
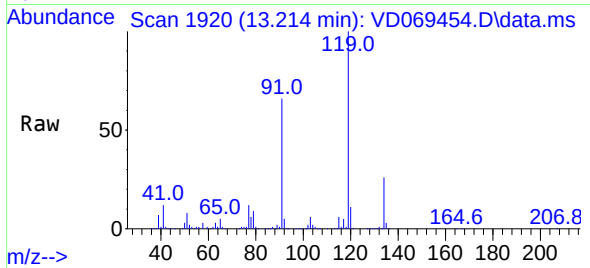
#83  
tert-Butylbenzene  
Concen: 56.576 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:119 Resp: 900753  
Ion Ratio Lower Upper  
119 100  
91 62.9 31.7 95.1  
134 26.3 13.4 40.1

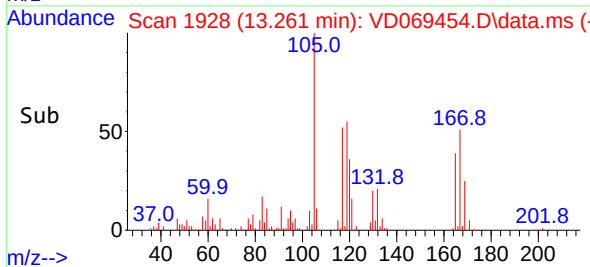
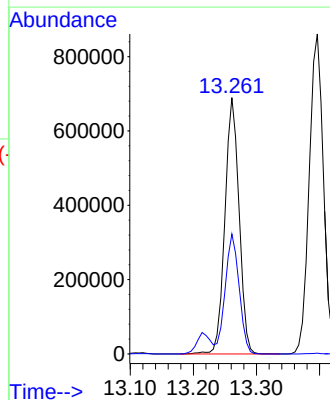
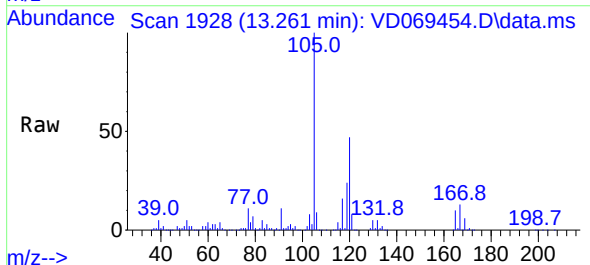
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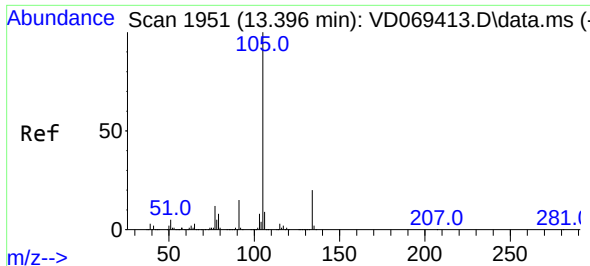
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#84  
1,2,4-Trimethylbenzene  
Concen: 57.498 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

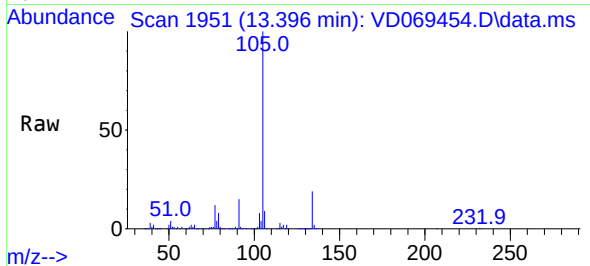
Tgt Ion:105 Resp: 1075076  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.6 67.8





#85  
 sec-Butylbenzene  
 Concen: 57.248 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.000 min  
 Lab File: VD069454.D  
 Acq: 16 Jun 2021 08:46

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

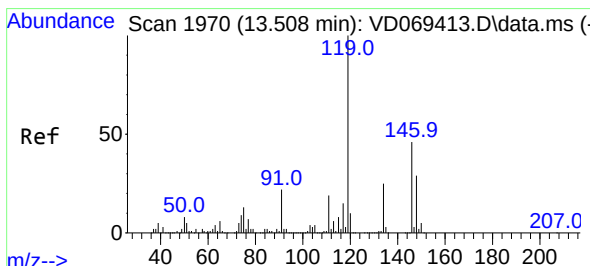
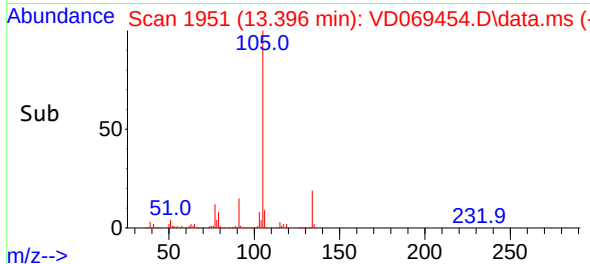
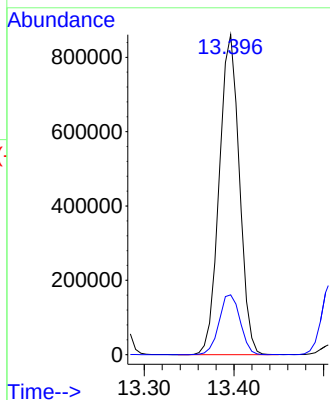


Tgt Ion:105 Resp: 1339913  

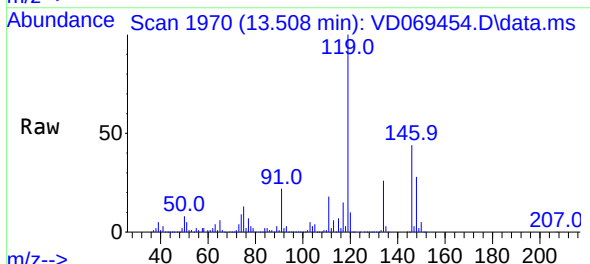
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 134 | 19.7  | 10.1  | 30.3  |

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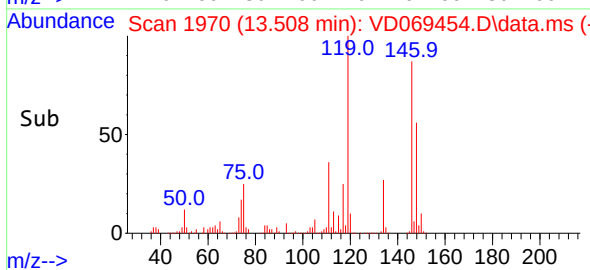
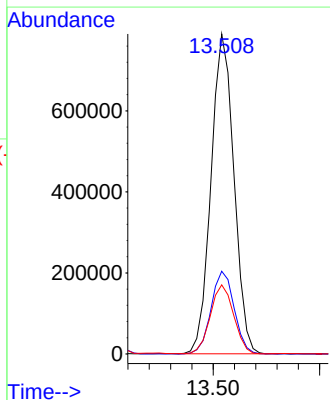


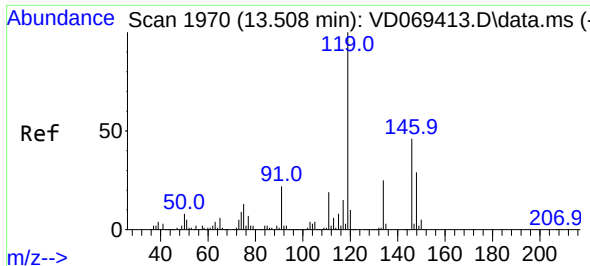
#86  
 p-Isopropyltoluene  
 Concen: 57.913 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: VD069454.D  
 Acq: 16 Jun 2021 08:46



Tgt Ion:119 Resp: 1177573  

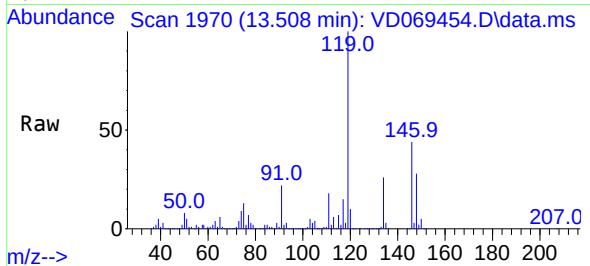
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 134 | 26.1  | 13.0  | 39.0  |
| 91  | 22.0  | 11.3  | 33.8  |





#87  
1,3-Dichlorobenzene  
Concen: 52.129 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

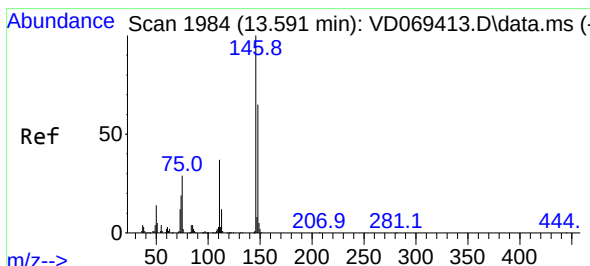
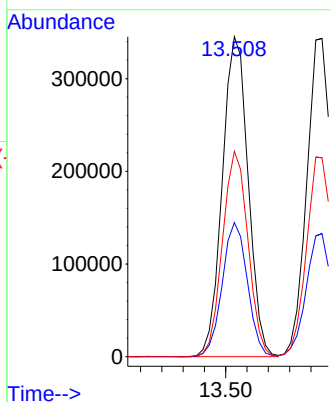
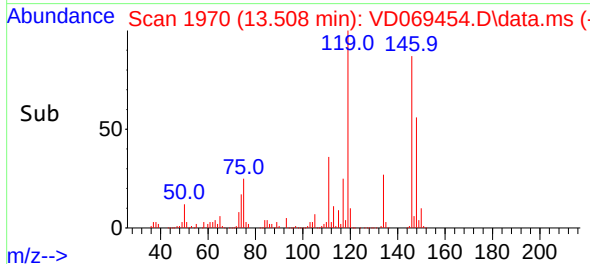
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



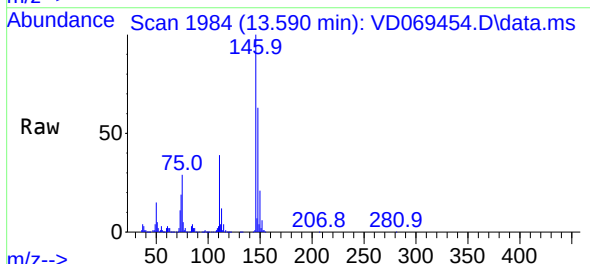
Tgt Ion:146 Resp: 580684  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.3 60.9  
148 63.4 31.9 95.9

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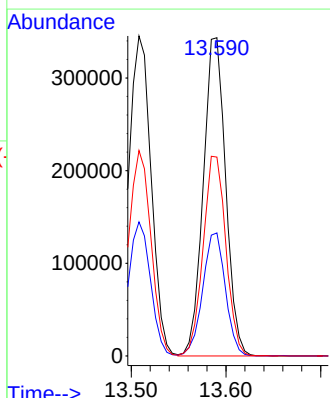
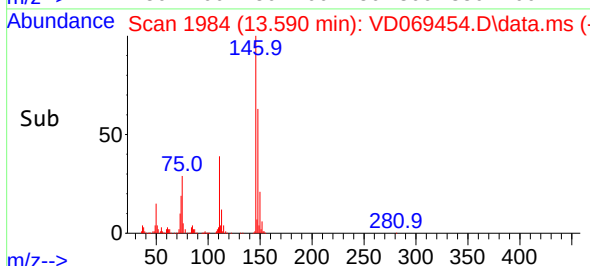
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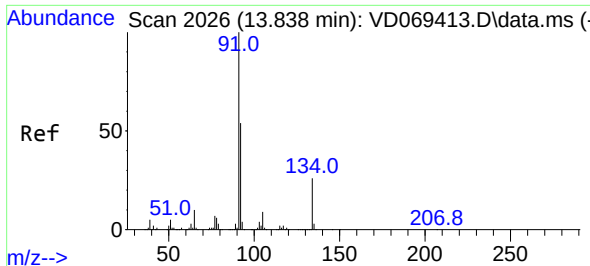
#88  
1,4-Dichlorobenzene  
Concen: 50.841 ug/l  
RT: 13.590 min Scan# 1984  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



Tgt Ion:146 Resp: 564120  
Ion Ratio Lower Upper  
146 100  
111 39.0 19.4 58.4  
148 63.9 31.1 93.3







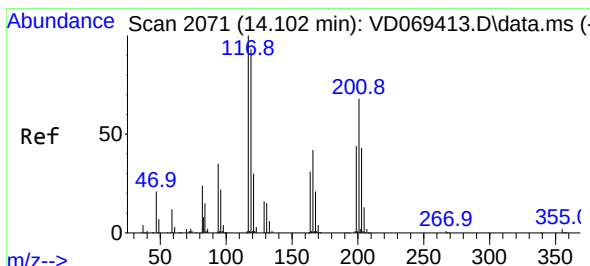
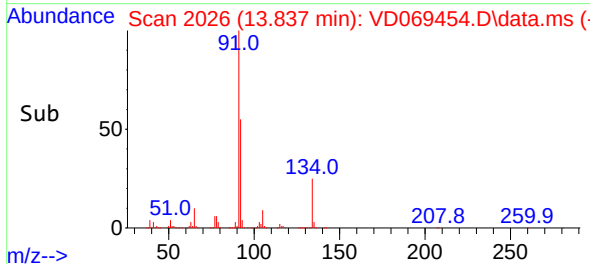
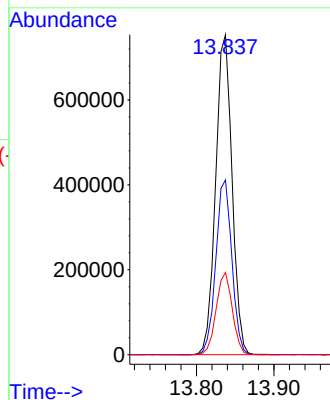
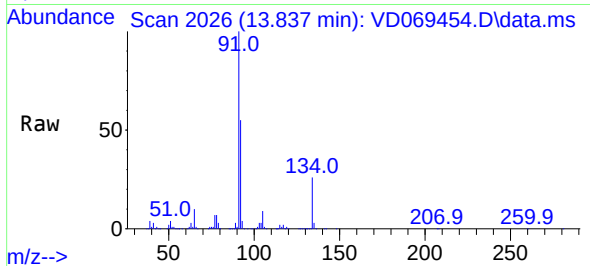
#89  
n-Butylbenzene  
Concen: 58.538 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 91 Resp: 1107278  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.4 79.2  
134 25.3 13.0 38.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

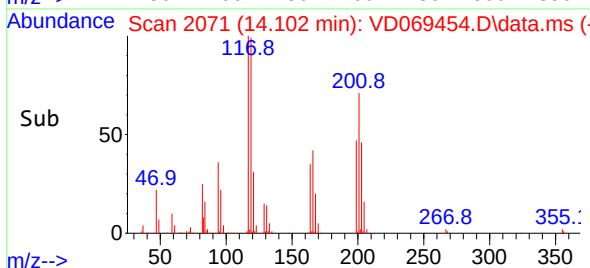
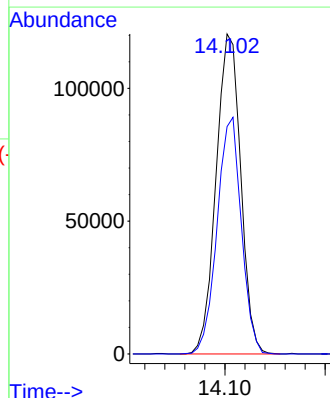
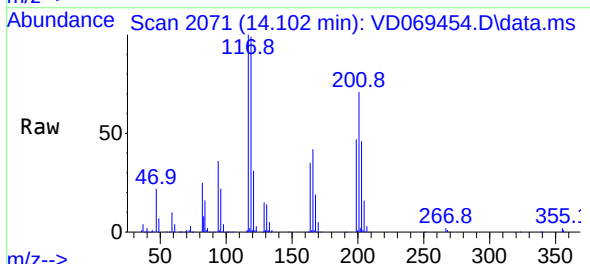
Manual Integrations  
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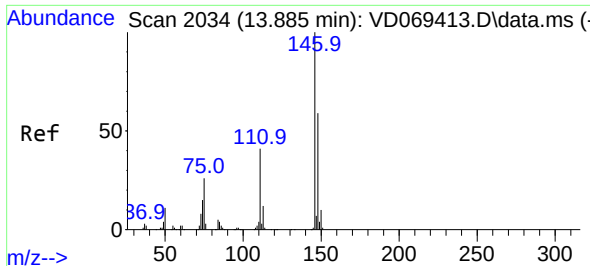
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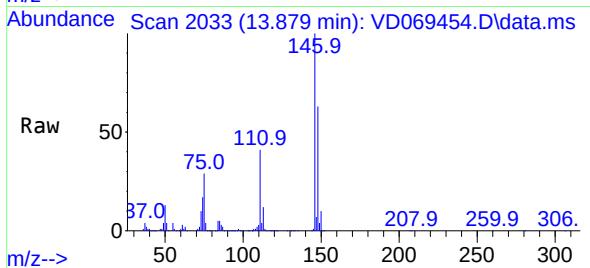
#90  
Hexachloroethane  
Concen: 51.998 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion: 117 Resp: 205801  
Ion Ratio Lower Upper  
117 100  
201 72.7 36.0 108.1

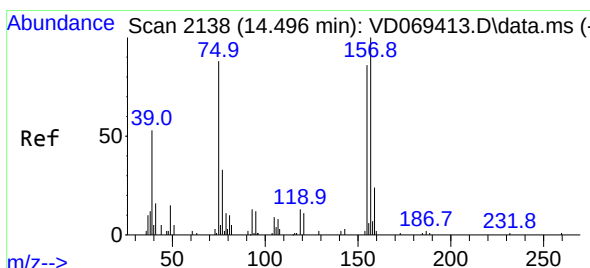
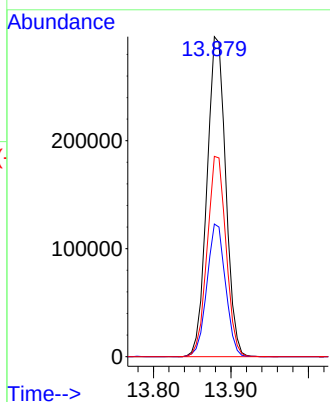
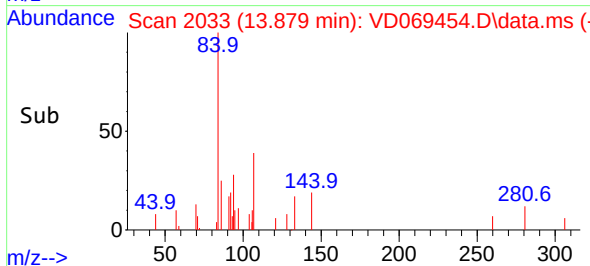




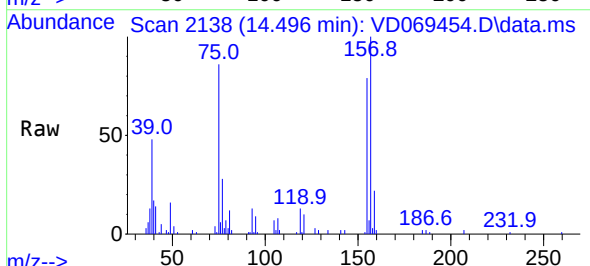
#91  
1,2-Dichlorobenzene  
Concen: 51.212 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



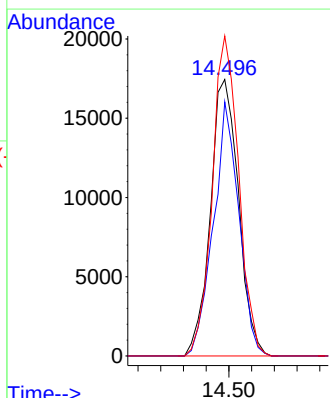
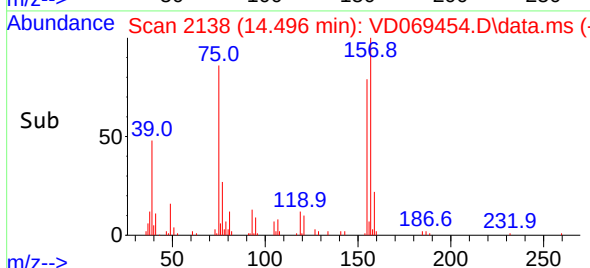
Tgt Ion:146 Resp: 497690  
Ion Ratio Lower Upper  
146 100  
111 41.2 20.5 61.6  
148 62.9 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.814 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



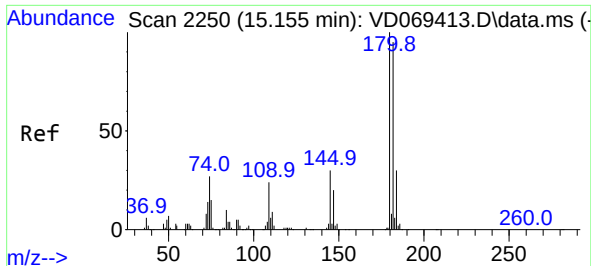
Tgt Ion: 75 Resp: 30028  
Ion Ratio Lower Upper  
75 100  
155 83.3 42.1 126.4  
157 108.7 54.4 163.3



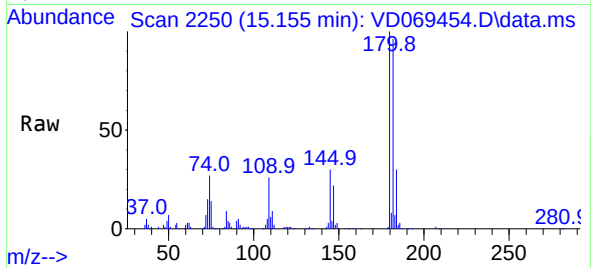
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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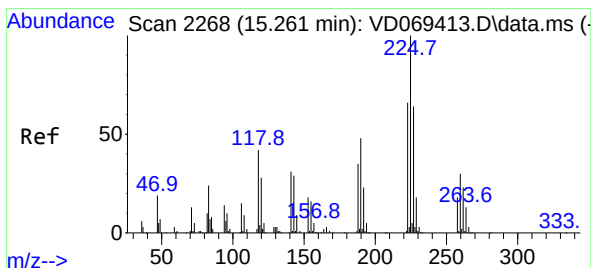
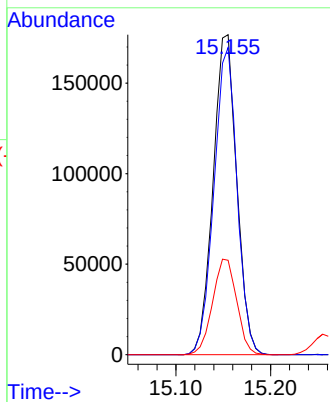
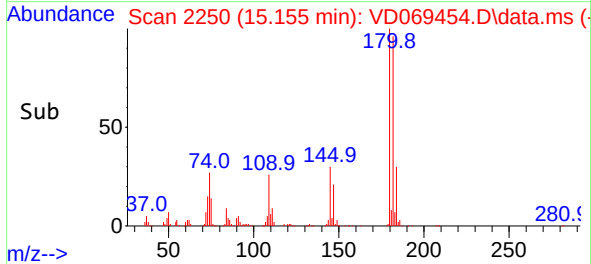
MMDadoda  
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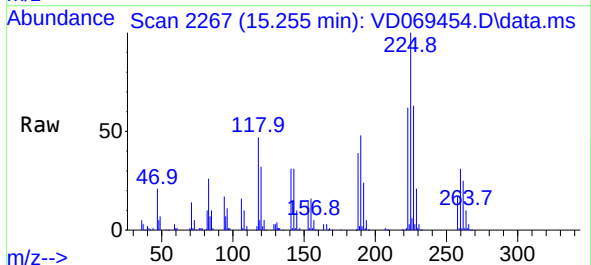
#93  
1,2,4-Trichlorobenzene  
Concen: 54.120 ug/l  
RT: 15.155 min Scan# 2250  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



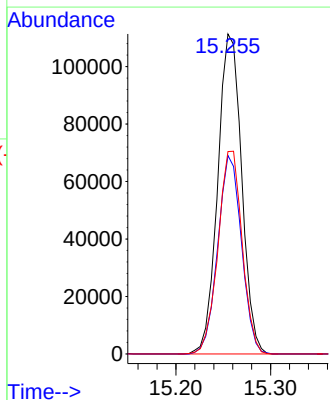
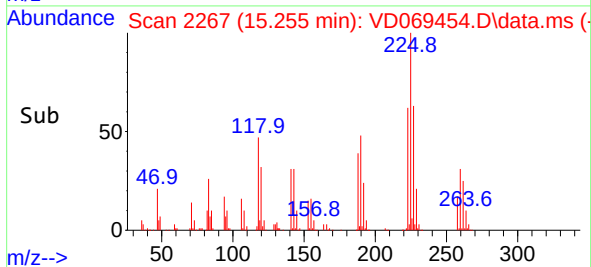
Tgt Ion:180 Resp: 306040  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.3 141.8  
145 30.6 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 55.310 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.006 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46



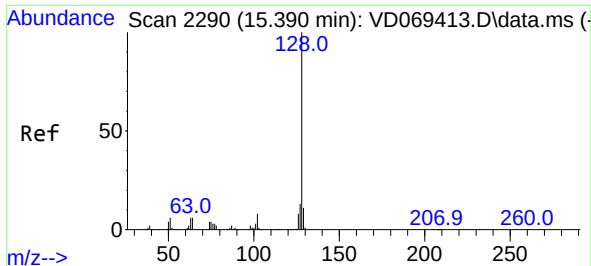
Tgt Ion:225 Resp: 195574  
Ion Ratio Lower Upper  
225 100  
223 61.5 30.5 91.5  
227 63.7 31.4 94.2



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

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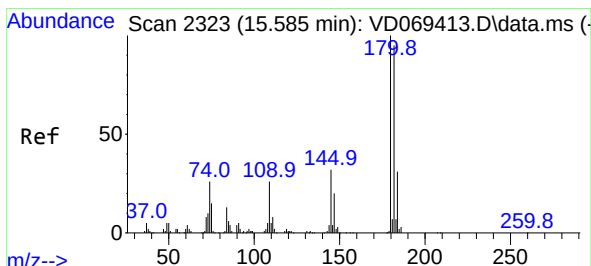
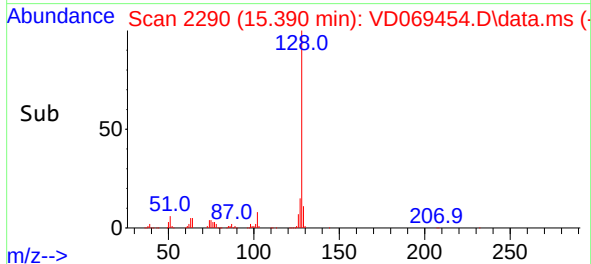
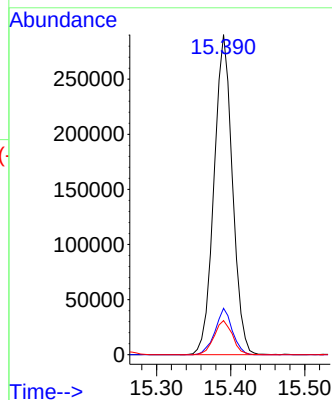
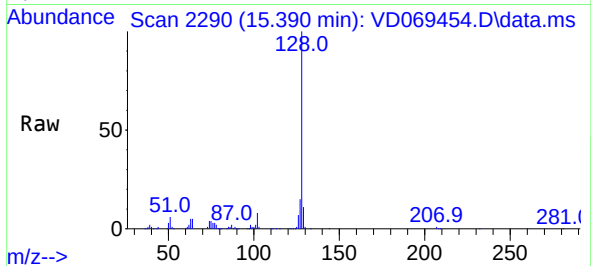
#95  
Naphthalene  
Concen: 46.131 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:128 Resp: 501040  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.4 15.6  
129 10.6 8.8 13.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 52.867 ug/l  
RT: 15.584 min Scan# 2323  
Delta R.T. -0.001 min  
Lab File: VD069454.D  
Acq: 16 Jun 2021 08:46

Tgt Ion:180 Resp: 259554  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.0 141.0  
145 32.8 15.9 47.7

