

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012021\  
 Data File : VD068104.D  
 Acq On : 20 Jan 2021 11:00  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 20 14:31:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 505998   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 854353   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.644 | 117  | 748030   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 337401   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 223143   | 46.10    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 92.20% |
| 35) Dibromofluoromethane    | 7.914  | 113   | 231339   | 48.98    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.96% |
| 50) Toluene-d8              | 10.344 | 98    | 877662   | 46.45    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 92.90% |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 311040   | 45.72    | ug/l | 0.00   |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 91.44% |

|                              |       |     |         |        |        |        |
|------------------------------|-------|-----|---------|--------|--------|--------|
| Target Compounds             |       |     |         |        |        | Qvalue |
| 2) Dichlorodifluoromethane   | 1.991 | 85  | 298230  | 49.62  | ug/l   | 99     |
| 3) Chloromethane             | 2.209 | 50  | 311718  | 48.16  | ug/l   | 99     |
| 4) Vinyl Chloride            | 2.356 | 62  | 375078  | 52.10  | ug/l   | 98     |
| 5) Bromomethane              | 2.773 | 94  | 258573  | 52.37  | ug/l   | 95     |
| 6) Chloroethane              | 2.926 | 64  | 231018  | 52.53  | ug/l   | 99     |
| 7) Trichlorofluoromethane    | 3.279 | 101 | 483606  | 51.17  | ug/l   | 99     |
| 8) Diethyl Ether             | 3.709 | 74  | 132064  | 47.46  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluo... | 4.103 | 101 | 287602  | 52.18  | ug/l   | 95     |
| 10) Methyl Iodide            | 4.303 | 142 | 305918  | 49.51  | ug/l   | 94     |
| 11) Tert butyl alcohol       | 5.215 | 59  | 95569   | 209.29 | ug/l   | 98     |
| 12) 1,1-Dichloroethene       | 4.073 | 96  | 282306  | 50.93  | ug/l   | 89     |
| 13) Acrolein                 | 3.926 | 56  | 80866   | 212.00 | ug/l   | 98     |
| 14) Allyl chloride           | 4.720 | 41  | 403317  | 50.02  | ug/l   | 95     |
| 15) Acrylonitrile            | 5.420 | 53  | 266813  | 242.07 | ug/l   | 99     |
| 16) Acetone                  | 4.156 | 43  | 254149  | 294.06 | ug/l   | 95     |
| 17) Carbon Disulfide         | 4.415 | 76  | 903862  | 50.62  | ug/l   | 99     |
| 18) Methyl Acetate           | 4.720 | 43  | 108858  | 48.53  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether  | 5.479 | 73  | 627112  | 48.93  | ug/l   | 93     |
| 20) Methylene Chloride       | 4.968 | 84  | 302858  | 50.22  | ug/l # | 89     |
| 21) trans-1,2-Dichloroethene | 5.473 | 96  | 317809  | 49.94  | ug/l   | 89     |
| 22) Diisopropyl ether        | 6.362 | 45  | 804883  | 49.47  | ug/l   | 95     |
| 23) Vinyl Acetate            | 6.303 | 43  | 2171600 | 250.38 | ug/l   | 96     |
| 24) 1,1-Dichloroethane       | 6.267 | 63  | 525859  | 49.88  | ug/l   | 98     |
| 25) 2-Butanone               | 7.209 | 43  | 309787  | 238.05 | ug/l   | 98     |
| 26) 2,2-Dichloropropane      | 7.209 | 77  | 502144  | 50.34  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene   | 7.214 | 96  | 345320  | 49.98  | ug/l   | 92     |
| 28) Bromochloromethane       | 7.550 | 49  | 170537  | 47.48  | ug/l # | 78     |
| 29) Tetrahydrofuran          | 7.561 | 42  | 199887  | 236.94 | ug/l   | 93     |
| 30) Chloroform               | 7.709 | 83  | 534106  | 50.14  | ug/l   | 97     |
| 31) Cyclohexane              | 7.985 | 56  | 511045  | 48.76  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane    | 7.909 | 97  | 489150  | 50.95  | ug/l   | 96     |
| 36) 1,1-Dichloropropene      | 8.114 | 75  | 440676  | 51.15  | ug/l   | 97     |
| 37) Ethyl Acetate            | 7.291 | 43  | 146250  | 47.99  | ug/l   | 98     |
| 38) Carbon Tetrachloride     | 8.097 | 117 | 419619  | 52.03  | ug/l   | 99     |
| 39) Methylcyclohexane        | 9.355 | 83  | 580196  | 51.51  | ug/l   | 96     |
| 40) Benzene                  | 8.350 | 78  | 1205525 | 50.04  | ug/l   | 97     |

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 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jan 20 14:31:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 76893    | 41.81  | ug/l # | 89       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 322388   | 50.09  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.456  | 43   | 308814   | 48.62  | ug/l   | 94       |
| 44) Trichloroethene           | 9.114  | 130  | 337023   | 50.94  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 295301   | 50.06  | ug/l   | 96       |
| 46) Dibromomethane            | 9.479  | 93   | 150671   | 50.41  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.661  | 83   | 403106   | 49.98  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.456  | 41   | 153422   | 48.53  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 32266    | 921.13 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 721014   | 244.22 | ug/l   | 97       |
| 52) Toluene                   | 10.403 | 92   | 787128   | 50.15  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 402976   | 49.36  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 479967   | 49.39  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 209903   | 49.55  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 272307   | 48.26  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.950 | 76   | 368910   | 49.36  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.944  | 63   | 659142   | 253.13 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.985 | 43   | 521139   | 254.65 | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.144 | 129  | 263511   | 49.61  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.250 | 107  | 202292   | 48.40  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.879 | 164  | 270897   | 51.38  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.673 | 112  | 807638   | 50.81  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.744 | 131  | 285562   | 51.08  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.744 | 91   | 1520528  | 51.67  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.855 | 106  | 1140003  | 102.61 | ug/l   | 97       |
| 69) o-Xylene                  | 12.179 | 106  | 532768   | 51.63  | ug/l   | 96       |
| 70) Styrene                   | 12.197 | 104  | 895780   | 50.86  | ug/l   | 98       |
| 71) Bromoform                 | 12.361 | 173  | 143526   | 50.65  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 1458333  | 51.94  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.285 | 43   | 285323   | 48.89  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 221739   | 49.66  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 303585   | 93.06  | ug/l # | 100      |
| 77) Bromobenzene              | 12.761 | 156  | 308256   | 51.21  | ug/l   | 88       |
| 78) n-propylbenzene           | 12.820 | 91   | 1723506  | 51.89  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 953081   | 51.11  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 1192567  | 51.00  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.532 | 75   | 81786    | 50.73  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 13.002 | 91   | 1009223  | 52.04  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 13.226 | 119  | 1019691  | 51.46  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 1179965  | 50.84  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 1440417  | 51.97  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 1305074  | 51.77  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 595154   | 51.42  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 586106   | 51.40  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.844 | 91   | 1260021  | 52.09  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.114 | 117  | 237385   | 52.13  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.891 | 146  | 506587   | 51.11  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.502 | 75   | 35635    | 48.76  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 347062   | 51.07  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 193685   | 51.41  | ug/l   | 99       |
| 95) Naphthalene               | 15.402 | 128  | 632670   | 49.66  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.596 | 180  | 285894   | 49.88  | ug/l   | 99       |

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Data File : VD068104.D  
Acq On : 20 Jan 2021 11:00  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

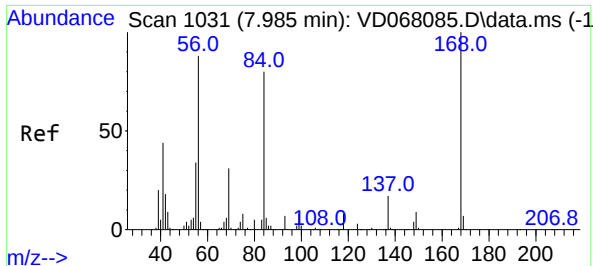
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Jan 20 14:31:05 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

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

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

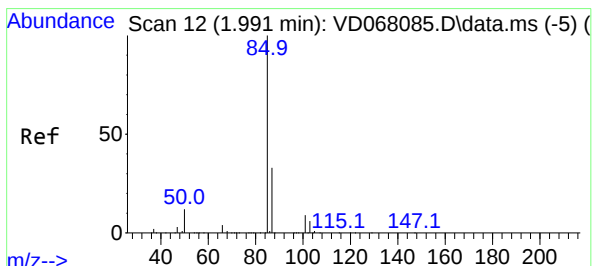
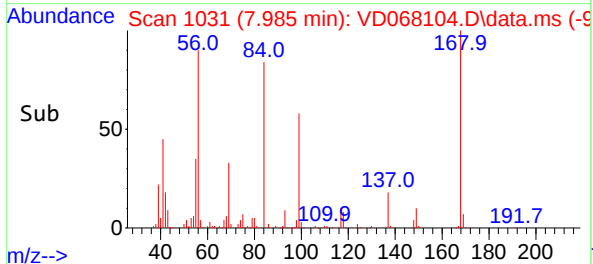
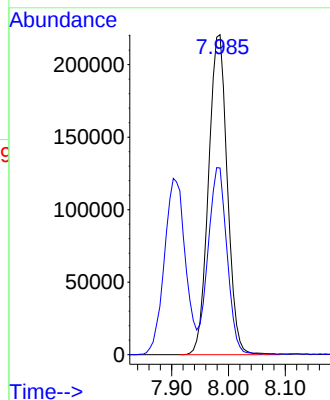
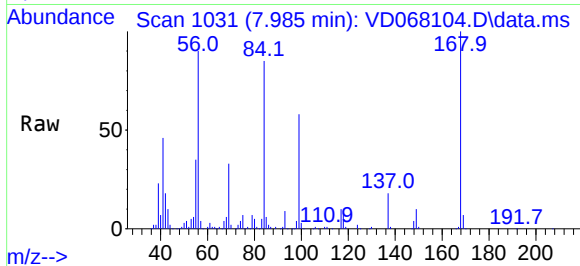




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

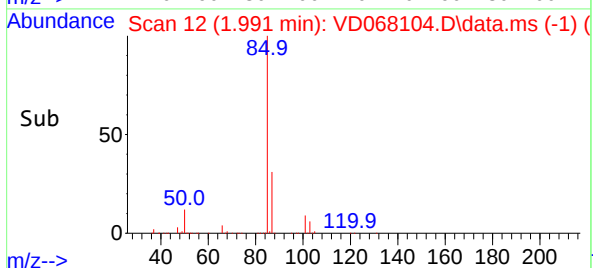
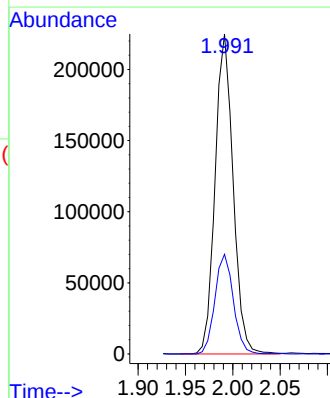
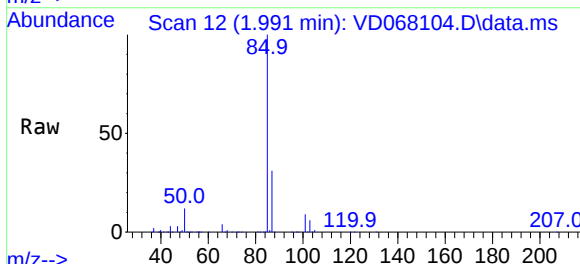
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

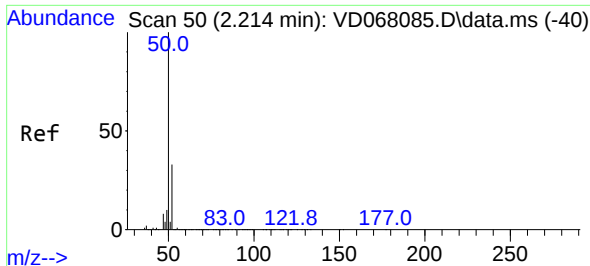
Tgt Ion:168 Resp: 505998  
Ion Ratio Lower Upper  
168 100  
99 58.1 43.5 65.3



#2  
Dichlorodifluoromethane  
Concen: 49.62 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 85 Resp: 298230  
Ion Ratio Lower Upper  
85 100  
87 31.1 15.4 46.1

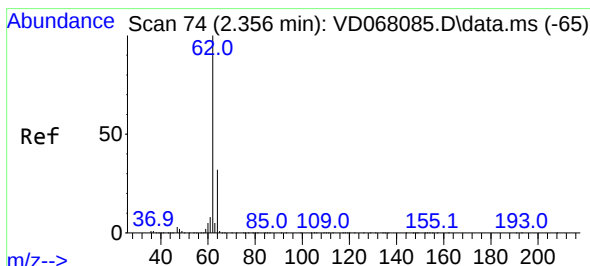
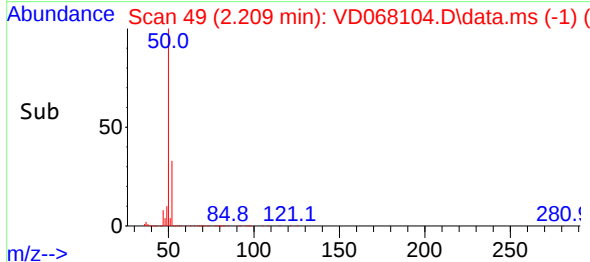
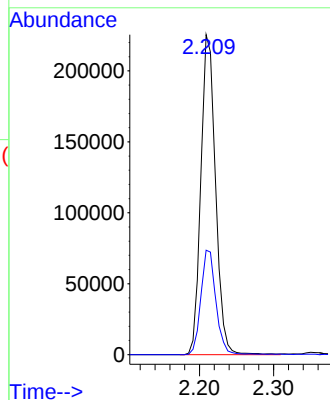
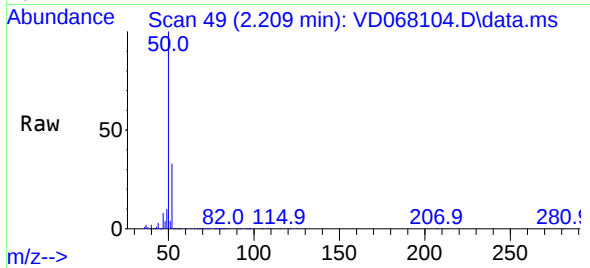




#3  
Chloromethane  
Concen: 48.16 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.005 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

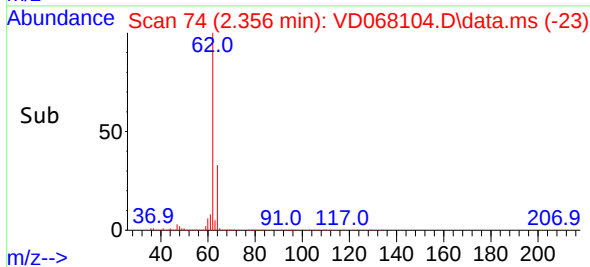
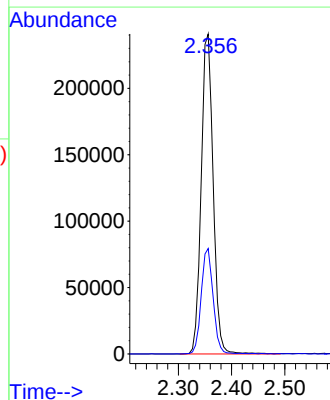
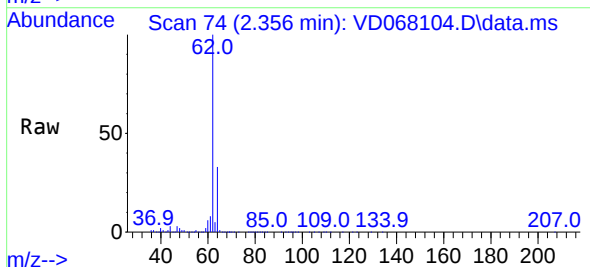
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

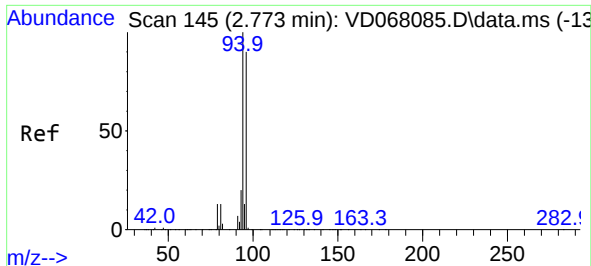
Tgt Ion: 50 Resp: 311718  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.2



#4  
Vinyl Chloride  
Concen: 52.10 ug/l  
RT: 2.356 min Scan# 74  
Delta R.T. -0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 62 Resp: 375078  
Ion Ratio Lower Upper  
62 100  
64 33.0 25.4 38.2

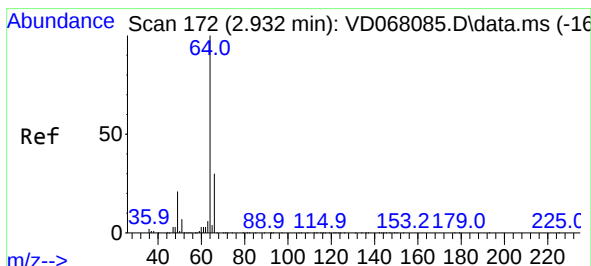
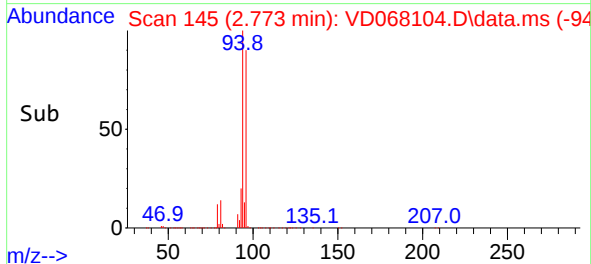
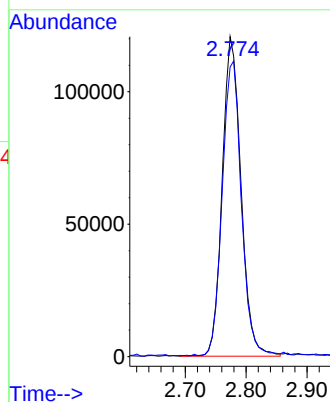
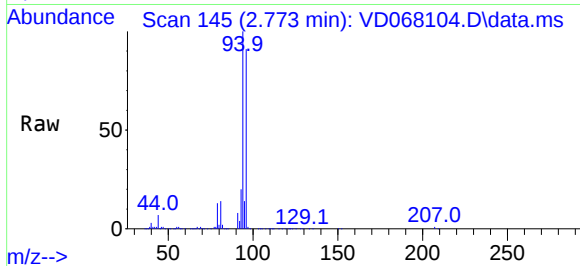




#5  
Bromomethane  
Concen: 52.37 ug/l  
RT: 2.773 min Scan# 145  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

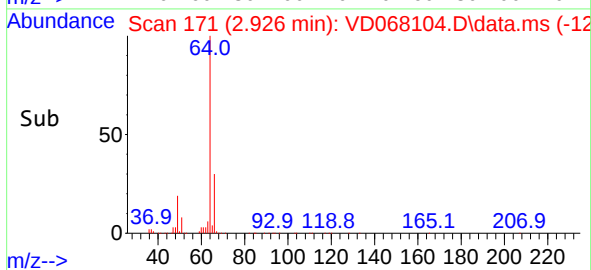
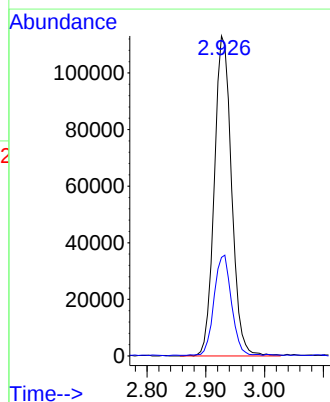
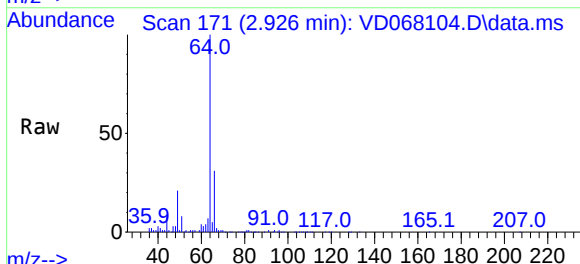
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

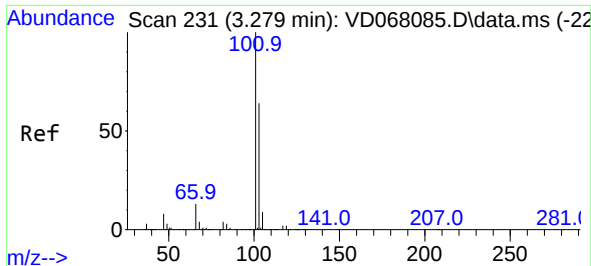
Tgt Ion: 94 Resp: 258573  
Ion Ratio Lower Upper  
94 100  
96 90.2 75.8 113.8



#6  
Chloroethane  
Concen: 52.53 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 64 Resp: 231018  
Ion Ratio Lower Upper  
64 100  
66 30.6 25.1 37.7

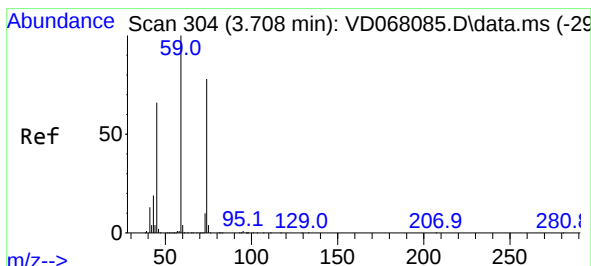
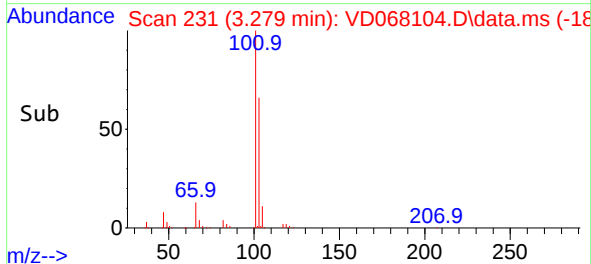
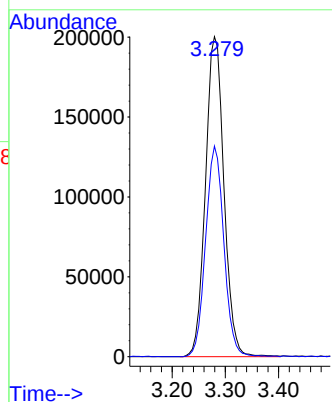
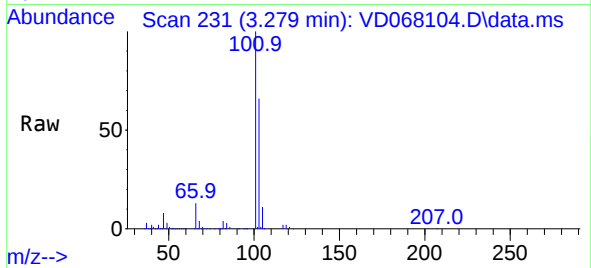




#7  
Trichlorofluoromethane  
Concen: 51.17 ug/l  
RT: 3.279 min Scan# 231  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

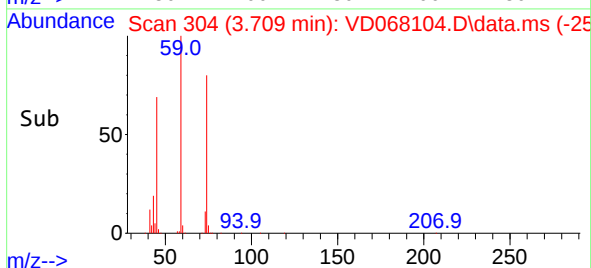
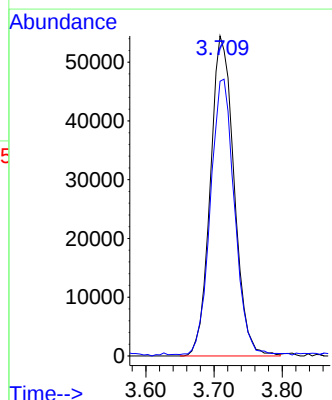
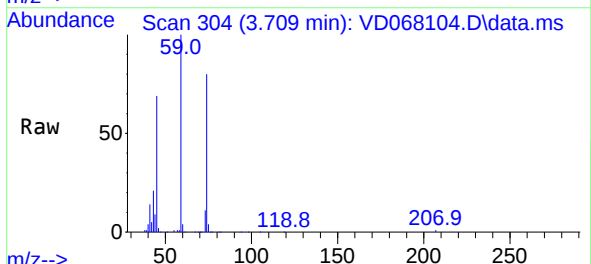
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

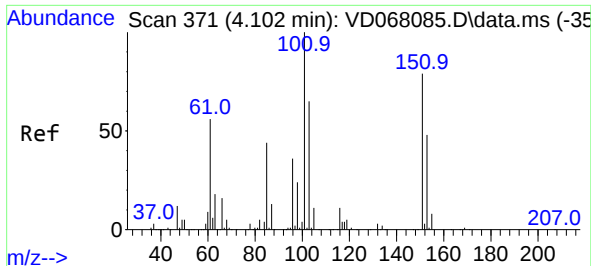
Tgt Ion:101 Resp: 483606  
Ion Ratio Lower Upper  
101 100  
103 65.8 52.0 78.0



#8  
Diethyl Ether  
Concen: 47.46 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.001 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 74 Resp: 132064  
Ion Ratio Lower Upper  
74 100  
45 87.5 42.1 126.4

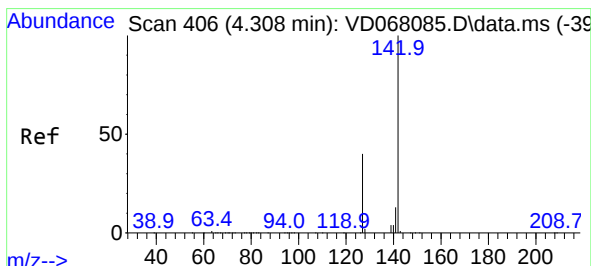
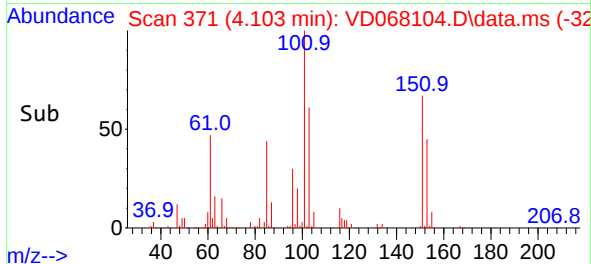
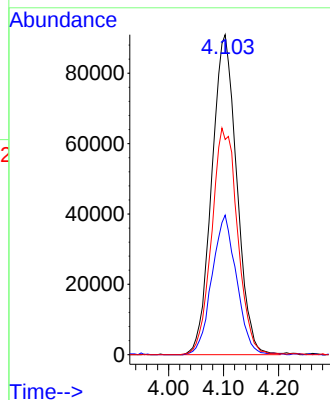
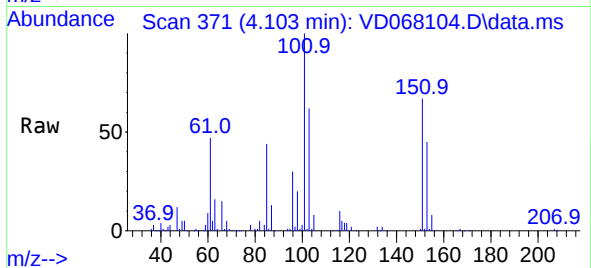




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.18 ug/l  
RT: 4.103 min Scan# 371  
Delta R.T. 0.001 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

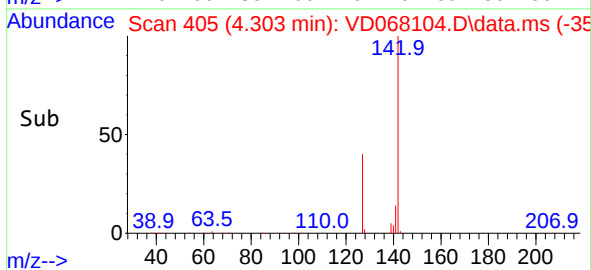
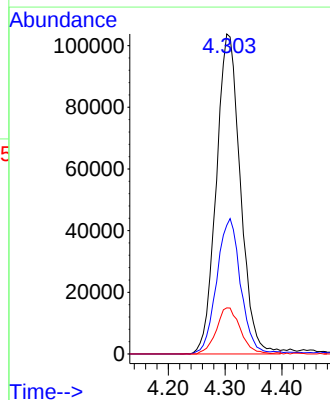
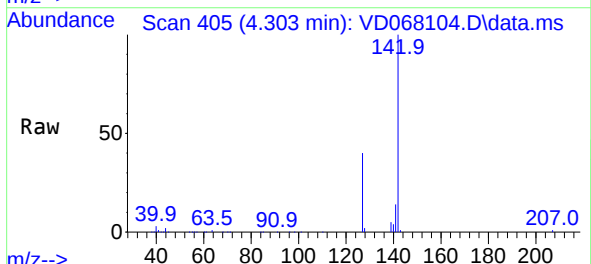
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

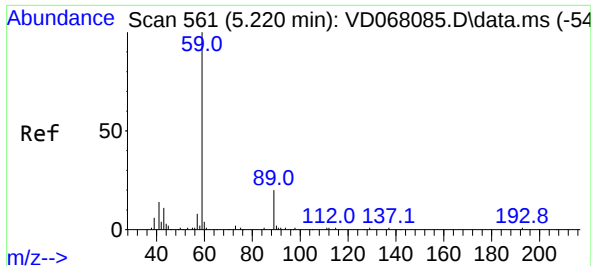
Tgt Ion:101 Resp: 287602  
Ion Ratio Lower Upper  
101 100  
85 42.9 34.0 51.0  
151 73.2 64.1 96.1



#10  
Methyl Iodide  
Concen: 49.51 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.005 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:142 Resp: 305918  
Ion Ratio Lower Upper  
142 100  
127 41.8 37.9 56.9  
141 14.3 11.5 17.3

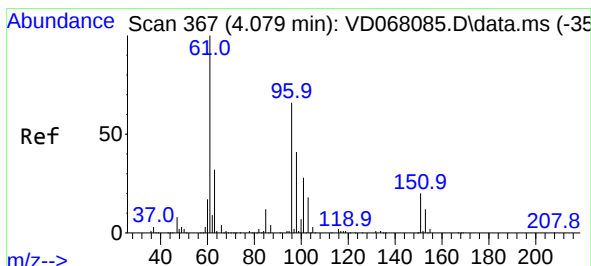
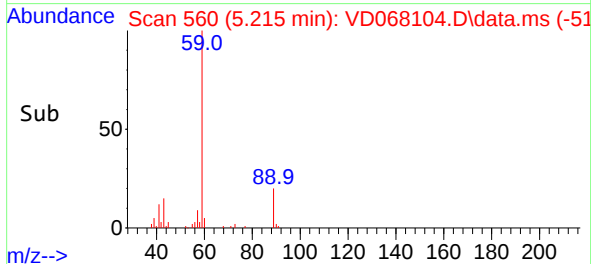
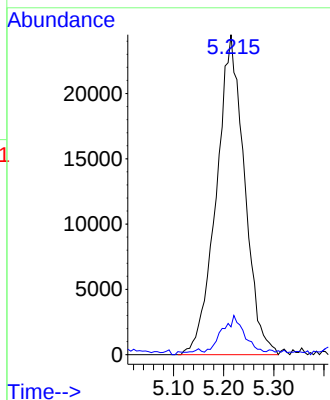
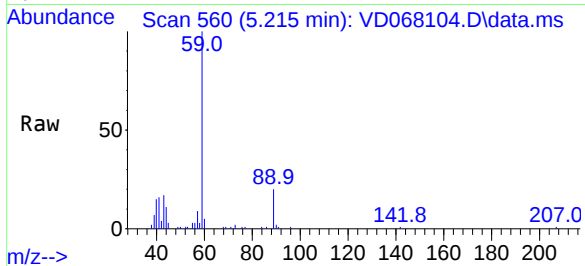




#11  
Tert butyl alcohol  
Concen: 209.29 ug/l  
RT: 5.215 min Scan# 560  
Delta R.T. -0.005 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

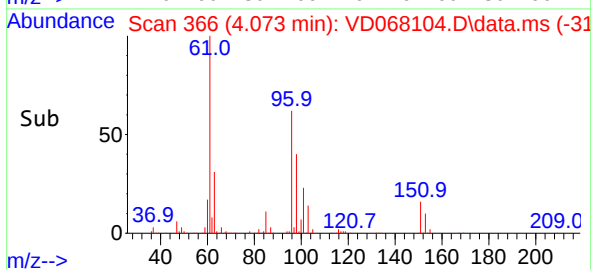
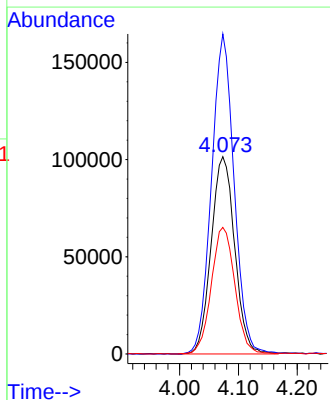
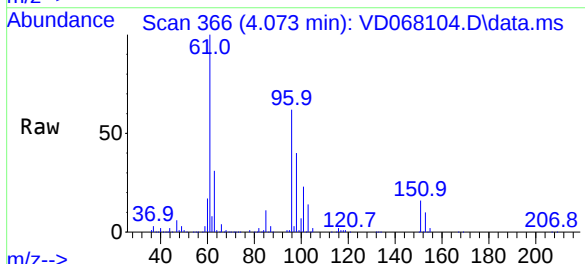
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

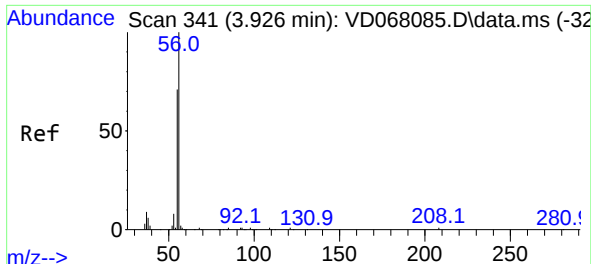
Tgt Ion: 59 Resp: 95569  
Ion Ratio Lower Upper  
59 100  
57 8.7 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 50.93 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 96 Resp: 282306  
Ion Ratio Lower Upper  
96 100  
61 162.2 116.2 174.4  
98 64.2 48.6 73.0

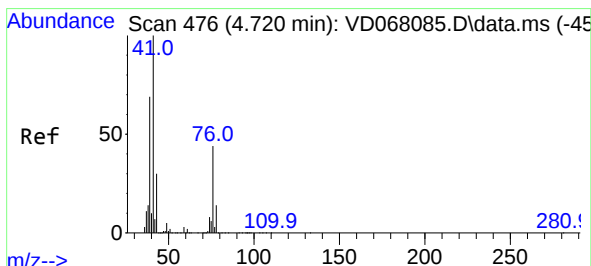
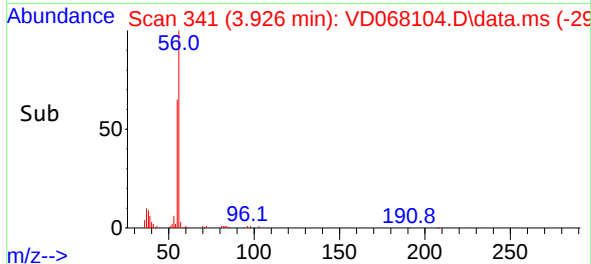
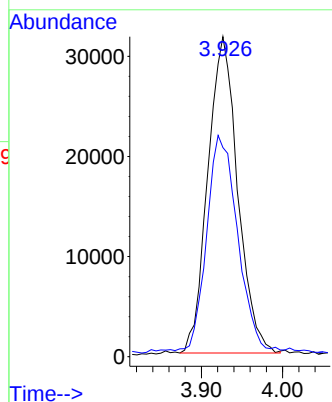
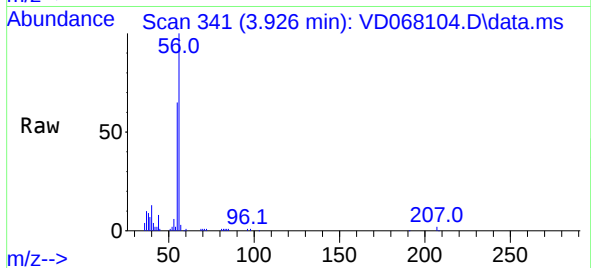




#13  
Acrolein  
Concen: 212.00 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

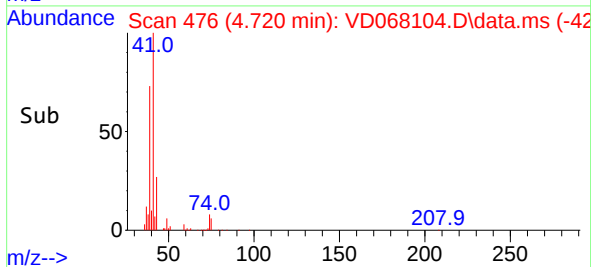
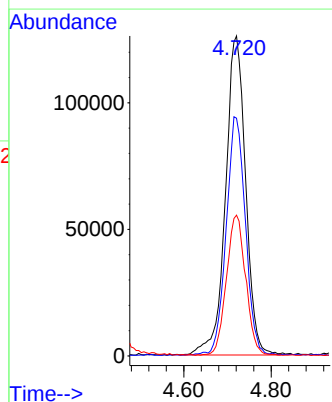
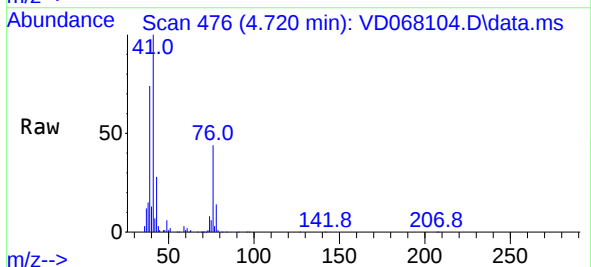
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

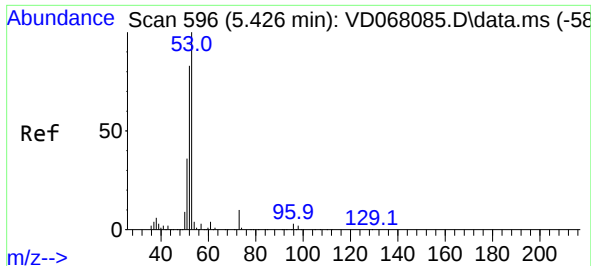
Tgt Ion: 56 Resp: 80866  
Ion Ratio Lower Upper  
56 100  
55 72.6 56.5 84.7



#14  
Allyl chloride  
Concen: 50.02 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 41 Resp: 403317  
Ion Ratio Lower Upper  
41 100  
39 71.3 56.3 84.5  
76 42.1 38.9 58.3

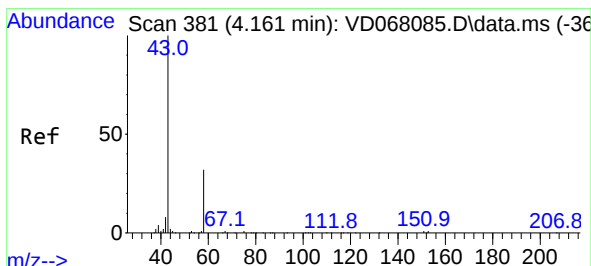
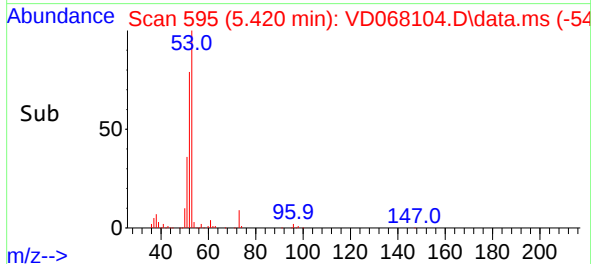
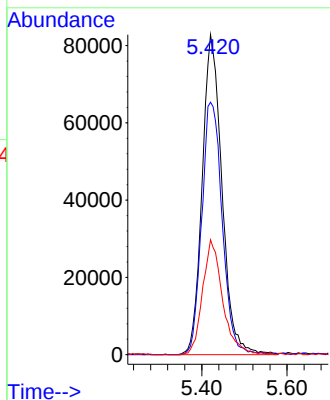
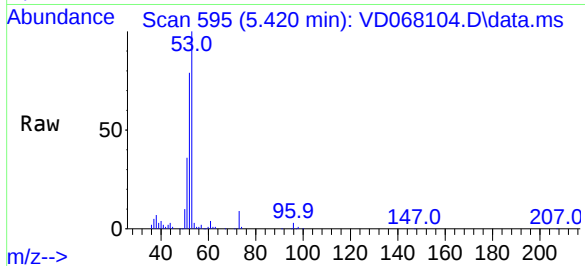




#15  
Acrylonitrile  
Concen: 242.07 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

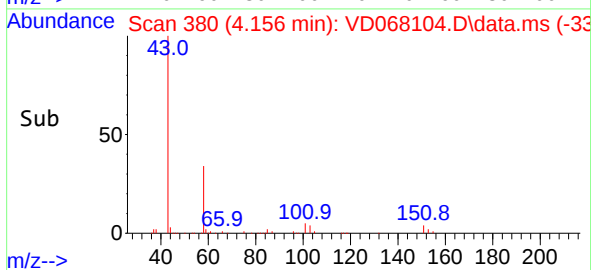
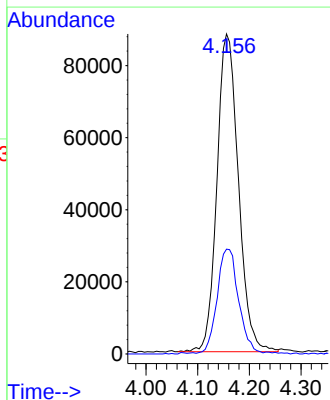
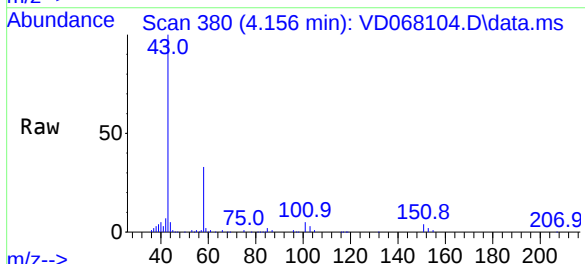
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

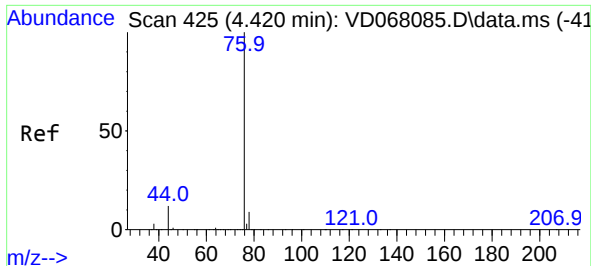
|             |              |
|-------------|--------------|
| Tgt Ion: 53 | Resp: 266813 |
| Ion Ratio   | Lower Upper  |
| 53 100      |              |
| 52 81.7     | 66.2 99.2    |
| 51 36.5     | 29.0 43.4    |



#16  
Acetone  
Concen: 294.06 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 254149 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 58 33.0     | 24.2 36.4    |

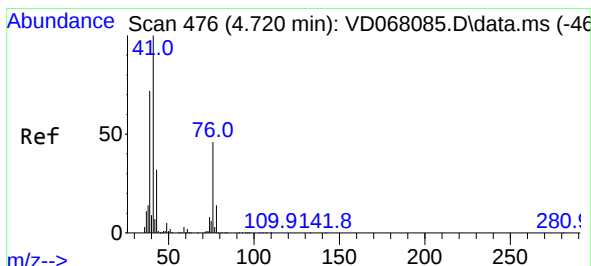
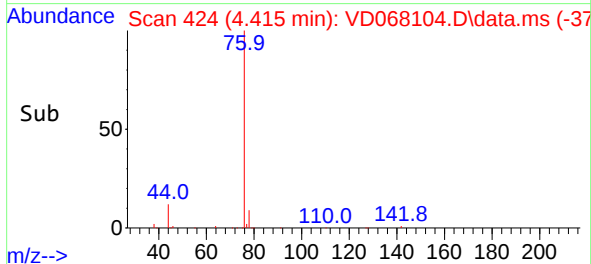
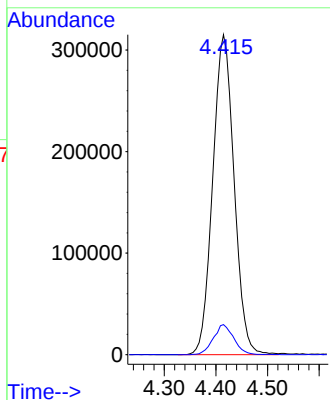
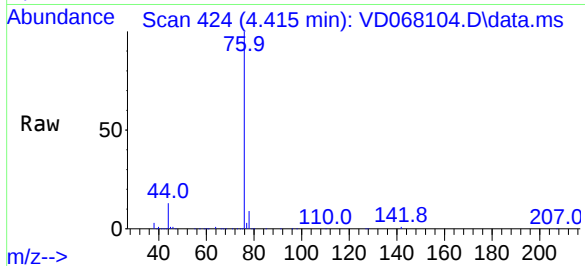




#17  
Carbon Disulfide  
Concen: 50.62 ug/l  
RT: 4.415 min Scan# 424  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

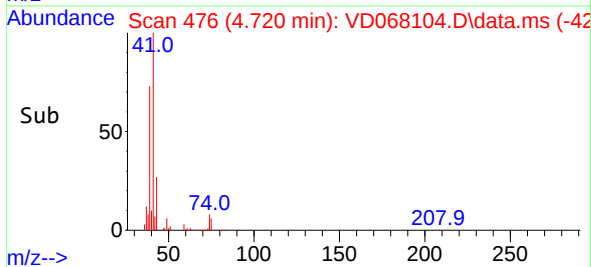
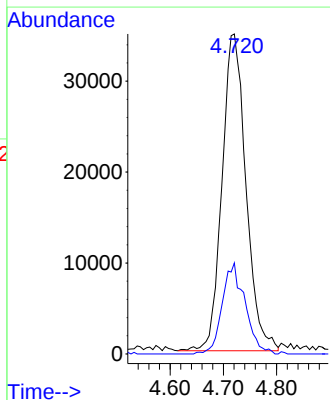
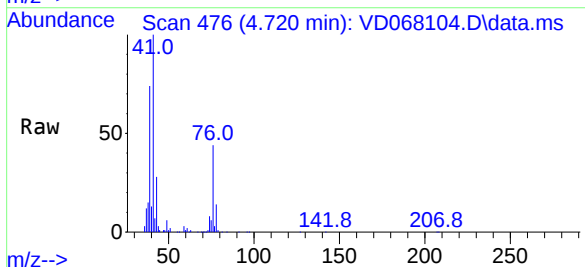
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

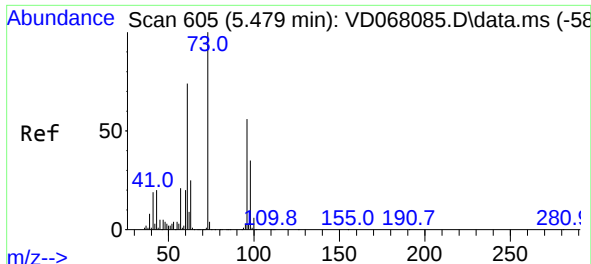
Tgt Ion: 76 Resp: 903862  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9



#18  
Methyl Acetate  
Concen: 48.53 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 43 Resp: 108858  
Ion Ratio Lower Upper  
43 100  
74 27.4 25.4 38.0

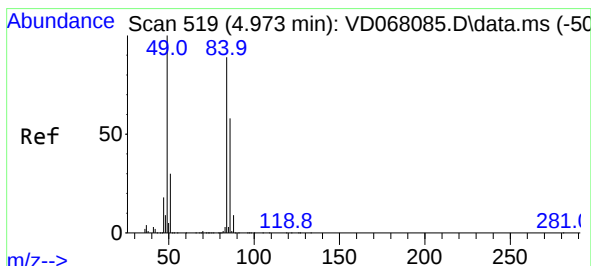
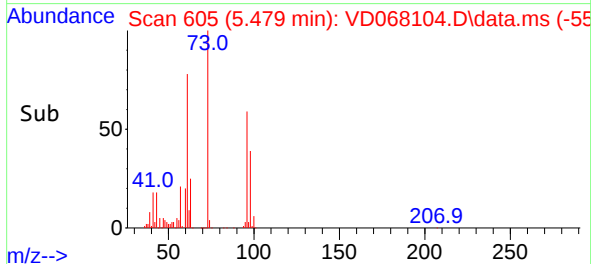
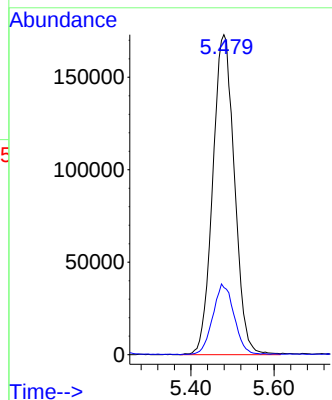
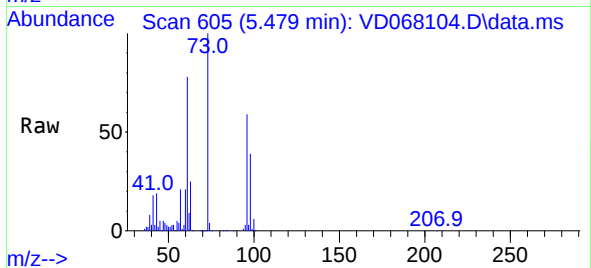




#19  
Methyl tert-butyl Ether  
Concen: 48.93 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

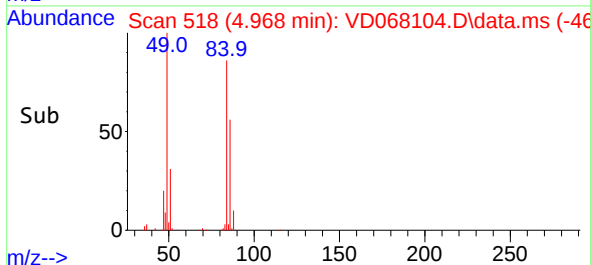
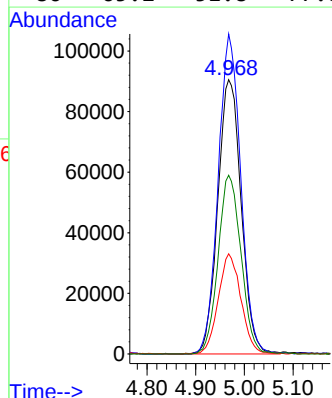
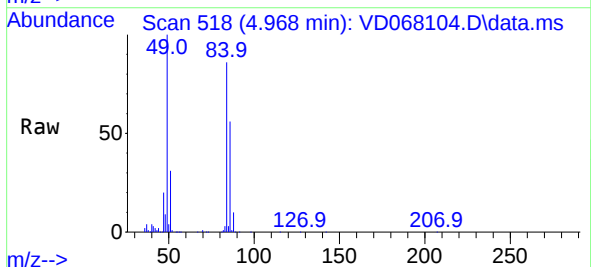
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

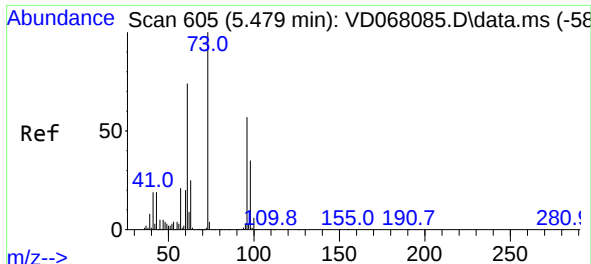
Tgt Ion: 73 Resp: 627112  
Ion Ratio Lower Upper  
73 100  
57 21.0 14.4 21.6



#20  
Methylene Chloride  
Concen: 50.22 ug/l  
RT: 4.968 min Scan# 518  
Delta R.T. -0.005 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 84 Resp: 302858  
Ion Ratio Lower Upper  
84 100  
49 116.7 77.4 116.2#  
51 36.5 26.1 39.1  
86 65.2 51.8 77.8

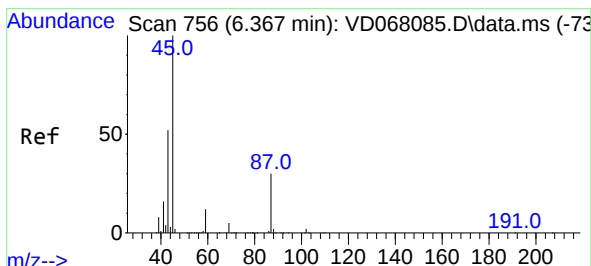
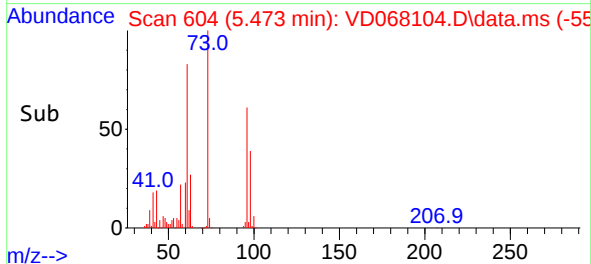
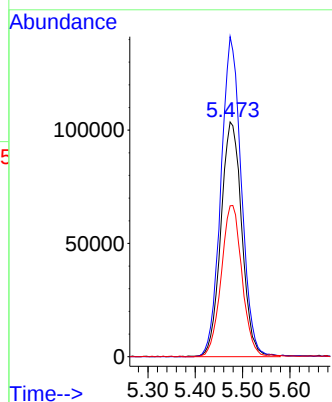
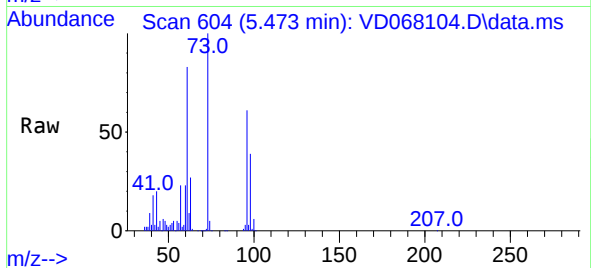




#21  
trans-1,2-Dichloroethene  
Concen: 49.94 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

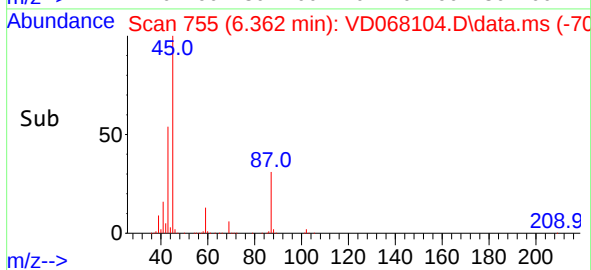
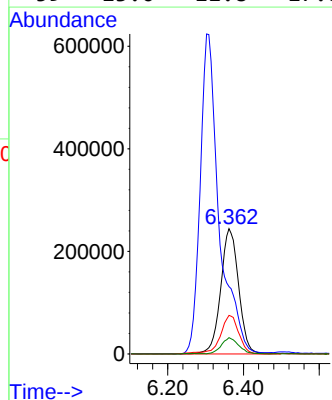
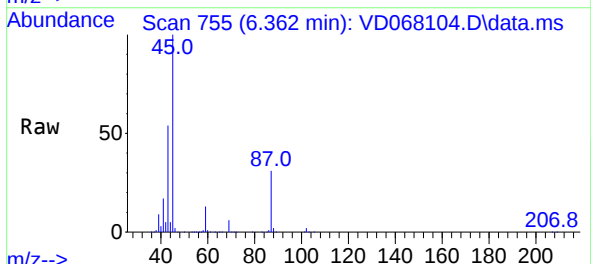
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

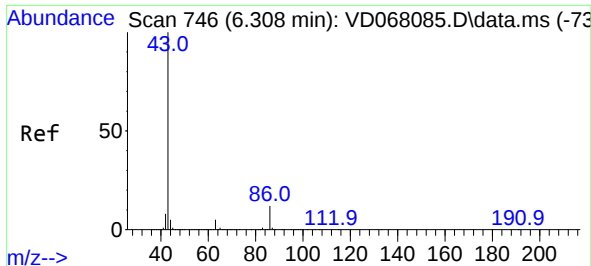
Tgt Ion: 96 Resp: 317809  
Ion Ratio Lower Upper  
96 100  
61 136.3 96.7 145.1  
98 64.0 47.6 71.4



#22  
Diisopropyl ether  
Concen: 49.47 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 45 Resp: 804883  
Ion Ratio Lower Upper  
45 100  
43 53.6 43.9 65.9  
87 30.6 29.9 44.9  
59 13.0 11.8 17.8

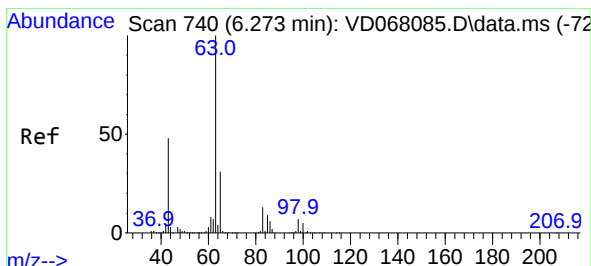
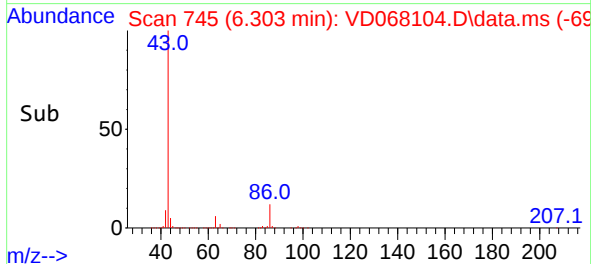
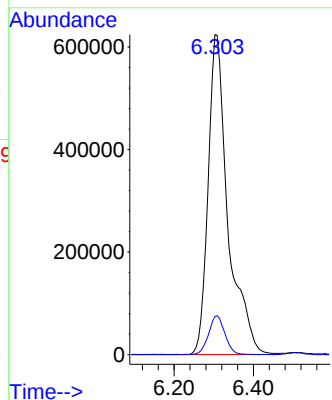
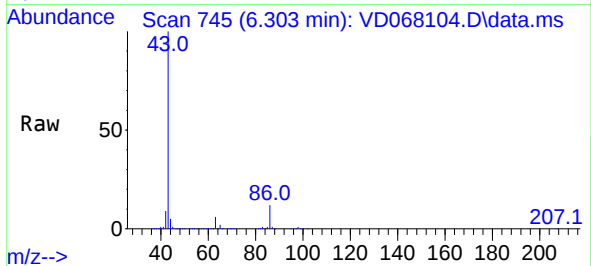




#23  
 Vinyl Acetate  
 Concen: 250.38 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD068104.D  
 Acq: 20 Jan 2021 11:00

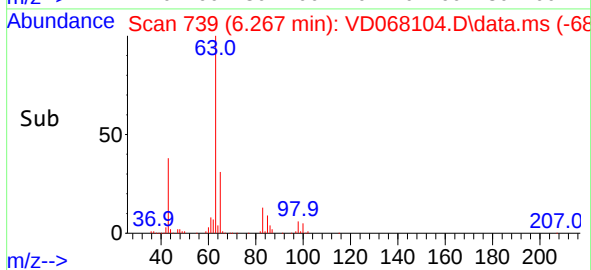
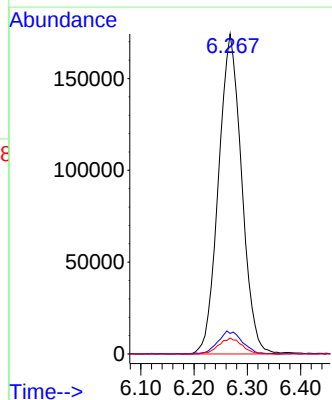
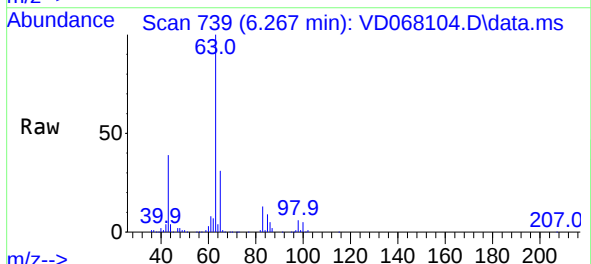
Instrument :  
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 ClientSampleId :  
 VSTDCCC050

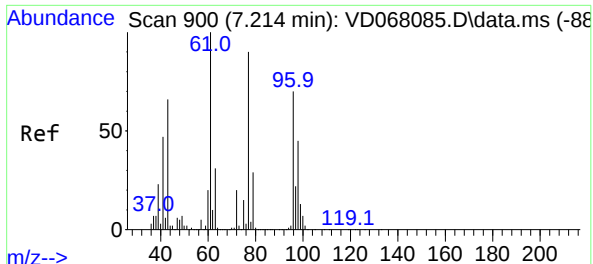
Tgt Ion: 43 Resp: 2171600  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 10.8 16.2



#24  
 1,1-Dichloroethane  
 Concen: 49.88 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068104.D  
 Acq: 20 Jan 2021 11:00

Tgt Ion: 63 Resp: 525859  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.8 11.4  
 100 5.0 2.6 8.0

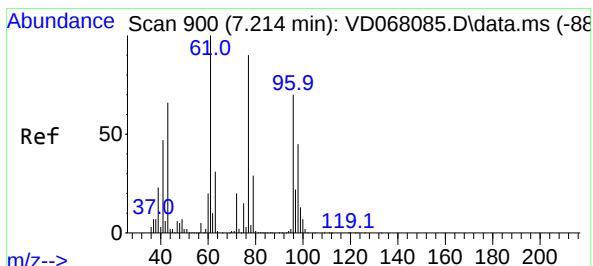
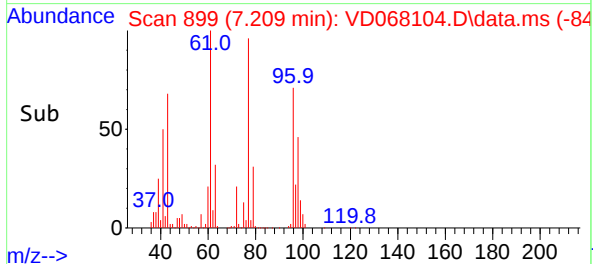
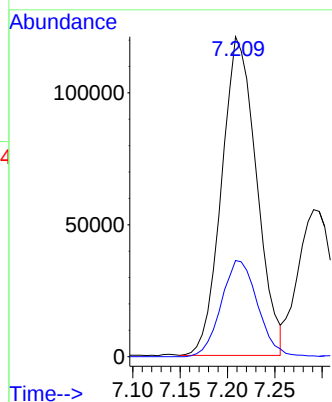
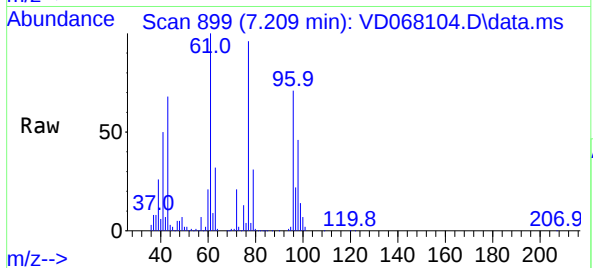




#25  
2-Butanone  
Concen: 238.05 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

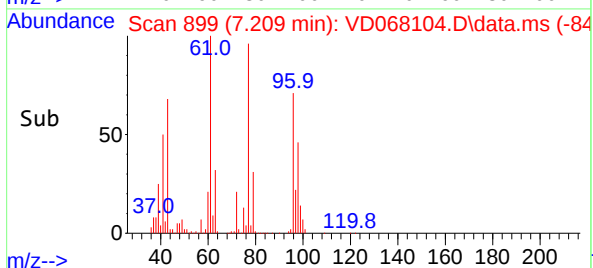
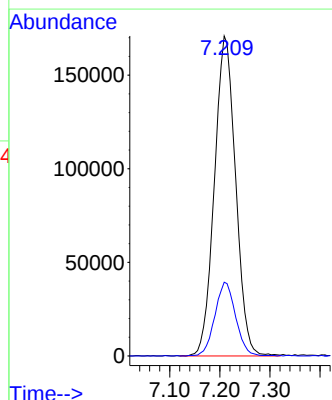
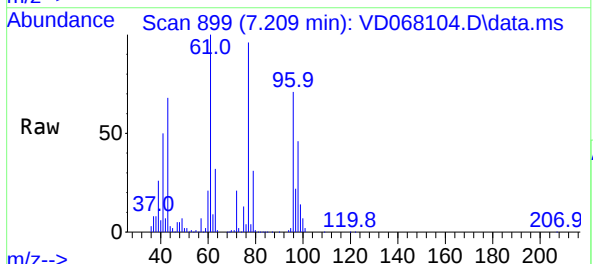
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

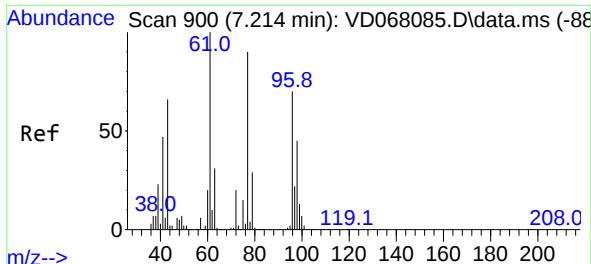
Tgt Ion: 43 Resp: 309787  
Ion Ratio Lower Upper  
43 100  
72 30.2 25.1 37.7



#26  
2,2-Dichloropropane  
Concen: 50.34 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 77 Resp: 502144  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.7 35.1

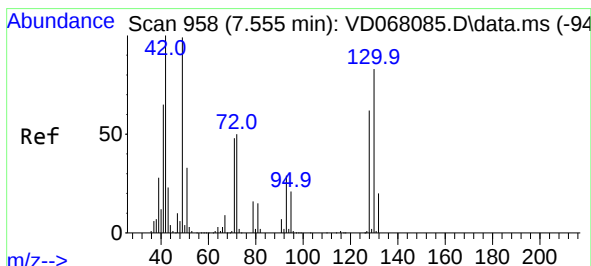
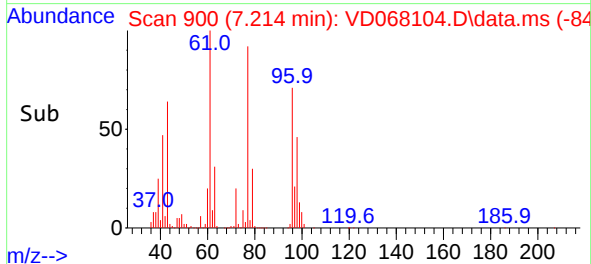
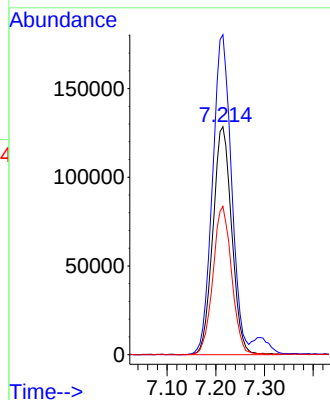
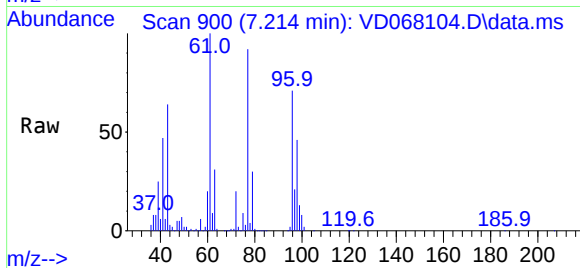




#27  
cis-1,2-Dichloroethene  
Concen: 49.98 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

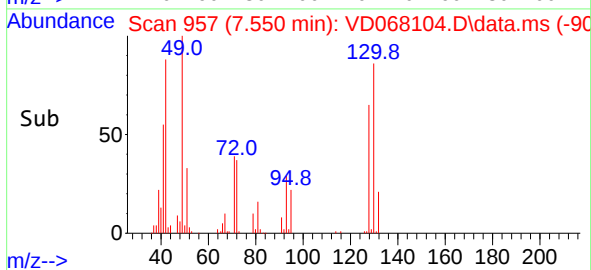
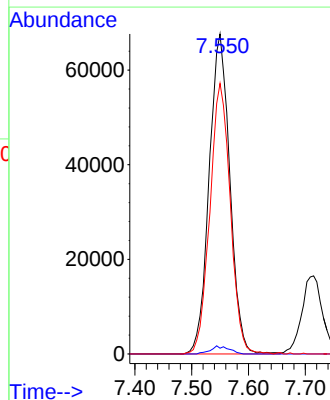
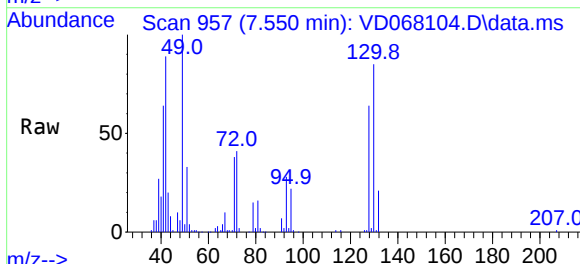
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

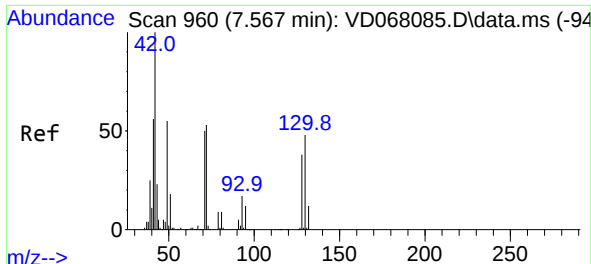
Tgt Ion: 96 Resp: 345320  
Ion Ratio Lower Upper  
96 100  
61 141.0 0.0 257.4  
98 64.7 0.0 126.6



#28  
Bromochloromethane  
Concen: 47.48 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 49 Resp: 170537  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.8  
130 83.7 85.5 128.3#

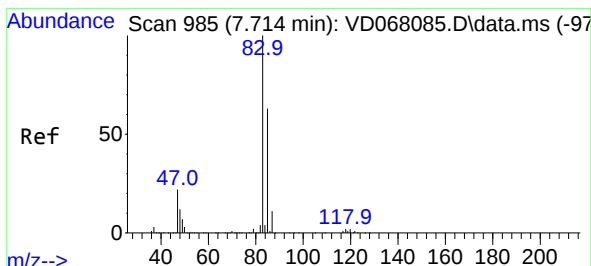
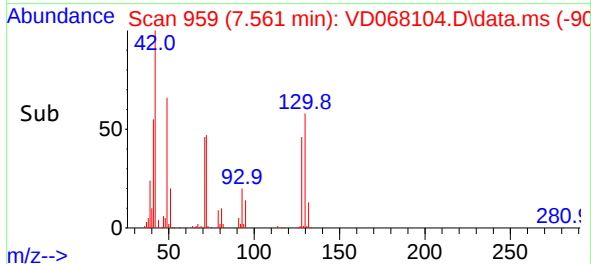
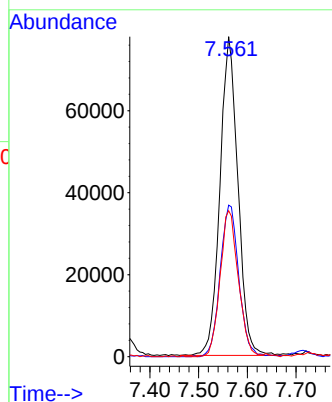
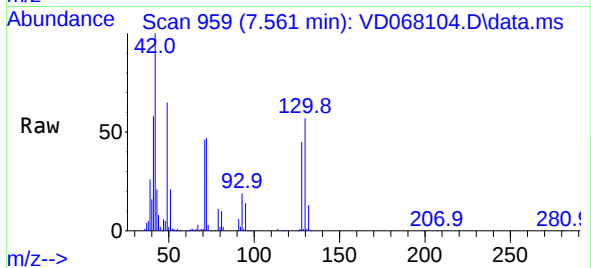




#29  
Tetrahydrofuran  
Concen: 236.94 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

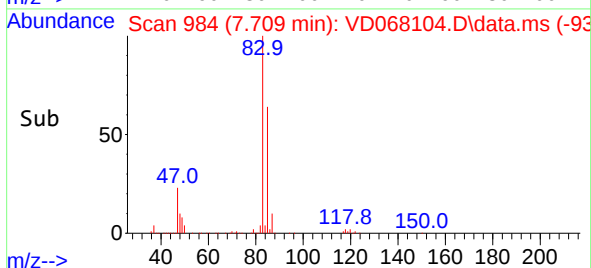
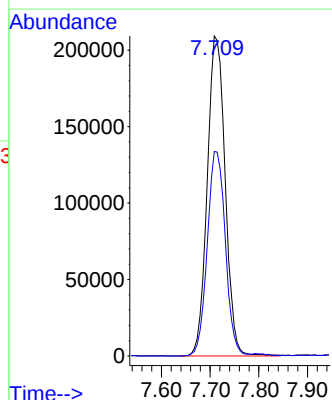
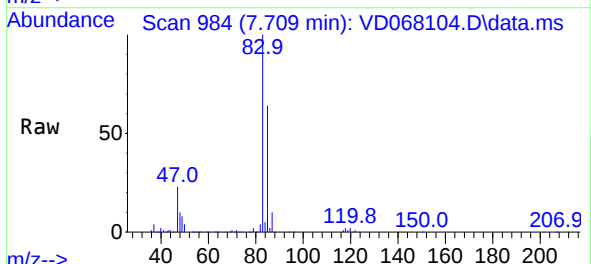
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

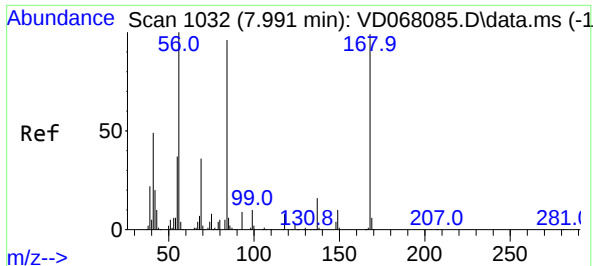
Tgt Ion: 42 Resp: 199887  
Ion Ratio Lower Upper  
42 100  
72 49.5 43.4 65.0  
71 46.5 40.8 61.2



#30  
Chloroform  
Concen: 50.14 ug/l  
RT: 7.709 min Scan# 984  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 83 Resp: 534106  
Ion Ratio Lower Upper  
83 100  
85 63.9 53.4 80.0

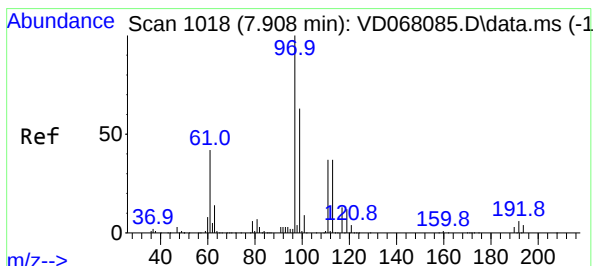
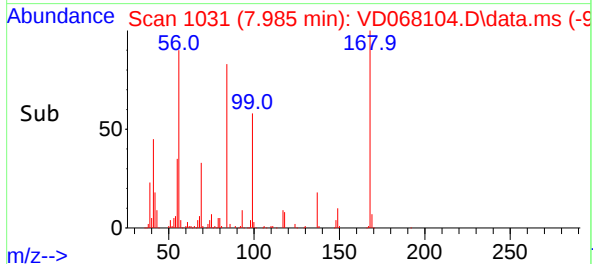
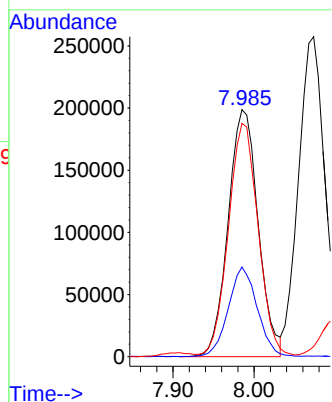
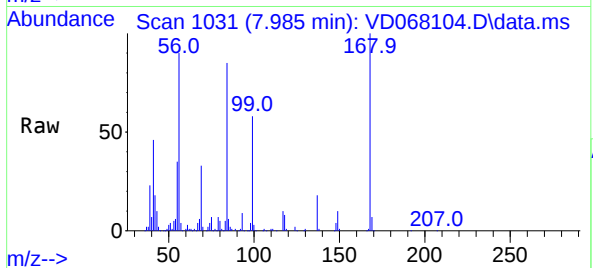




#31  
Cyclohexane  
Concen: 48.76 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

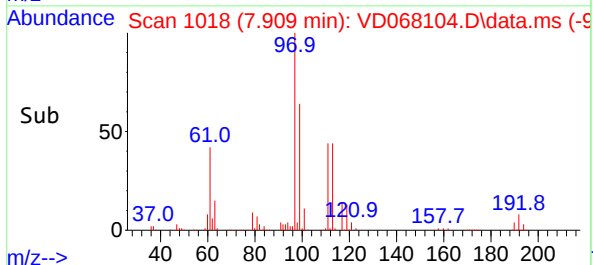
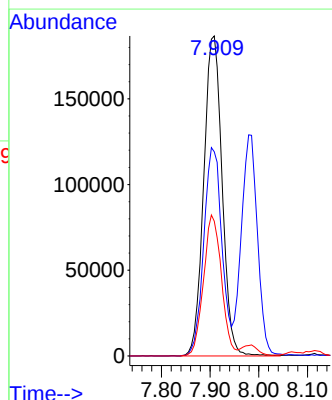
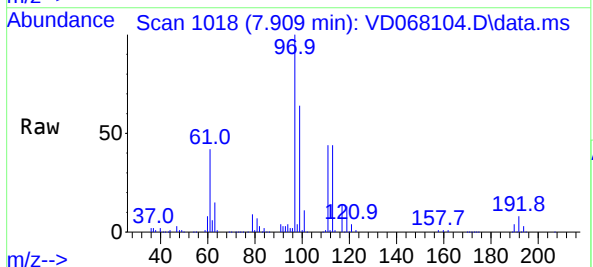
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

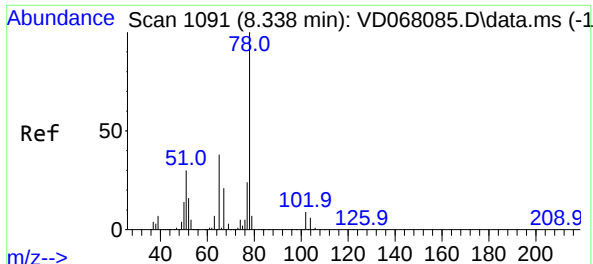
Tgt Ion: 56 Resp: 511045  
Ion Ratio Lower Upper  
56 100  
69 36.2 30.1 45.1  
84 92.8 82.1 123.1



#32  
1,1,1-Trichloroethane  
Concen: 50.95 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 97 Resp: 489150  
Ion Ratio Lower Upper  
97 100  
99 64.2 52.1 78.1  
61 43.0 30.1 45.1

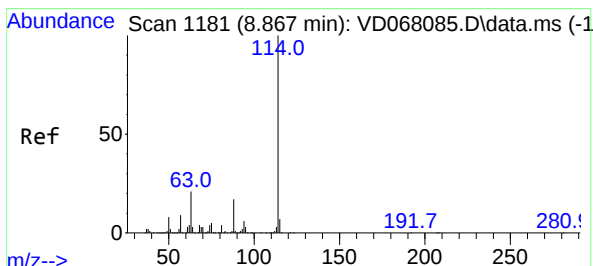
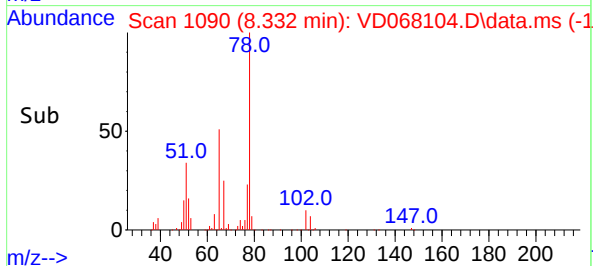
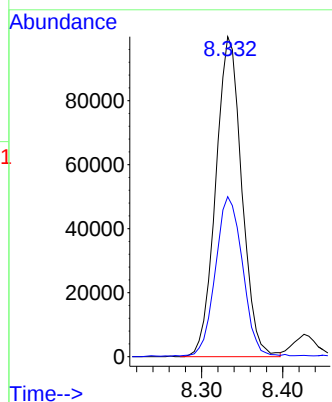
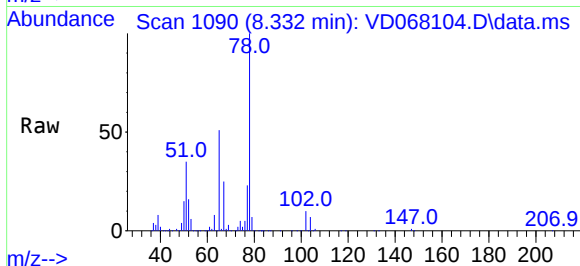




#33  
1,2-Dichloroethane-d4  
Concen: 46.10 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

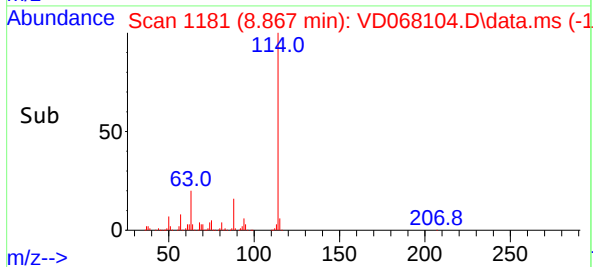
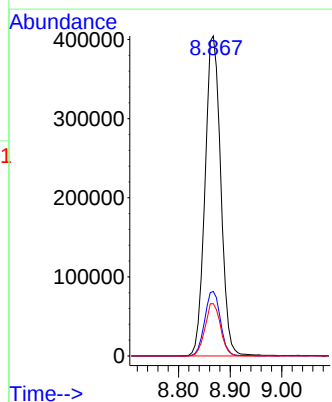
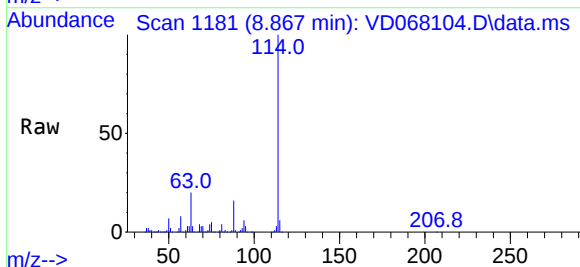
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

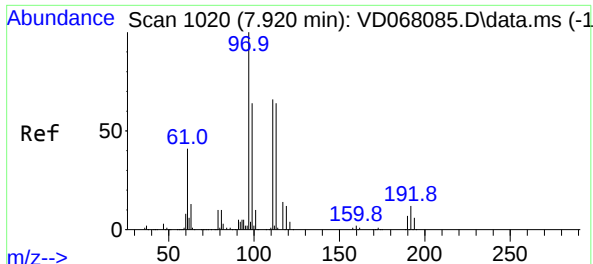
Tgt Ion: 65 Resp: 223143  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 114 Resp: 854353  
Ion Ratio Lower Upper  
114 100  
63 20.2 0.0 34.8  
88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.98 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068104.D

Acq: 20 Jan 2021 11:00

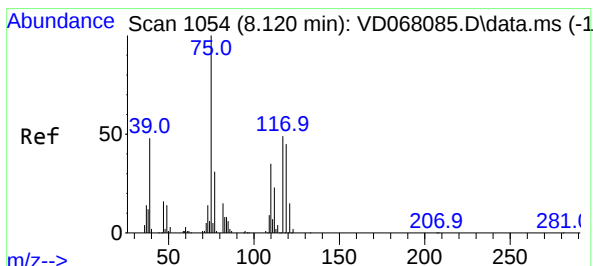
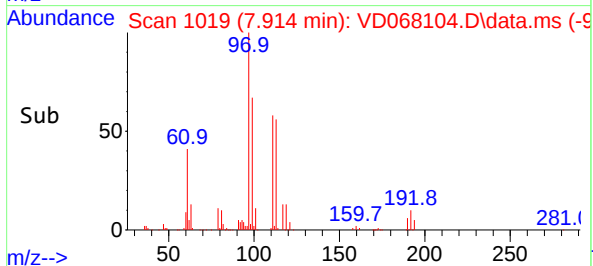
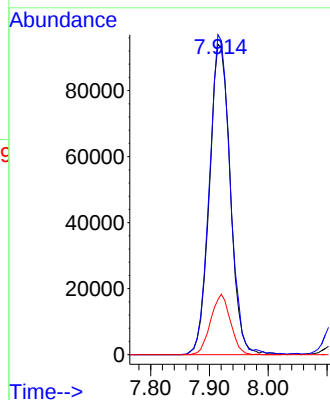
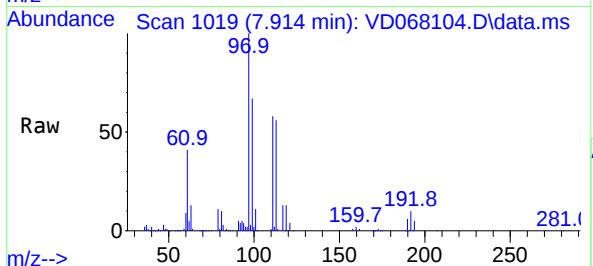
Tgt Ion:113 Resp: 231339

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 51.15 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VD068104.D

Acq: 20 Jan 2021 11:00

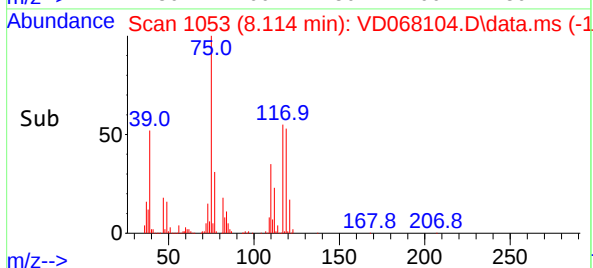
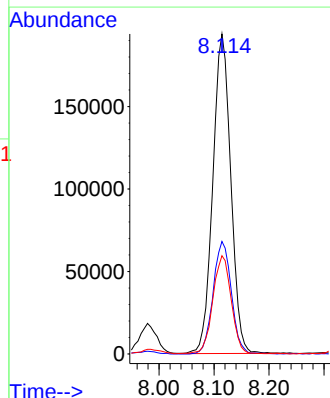
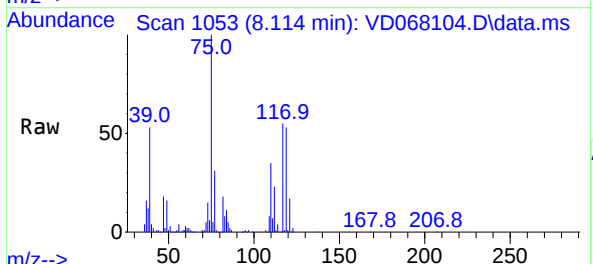
Tgt Ion: 75 Resp: 440676

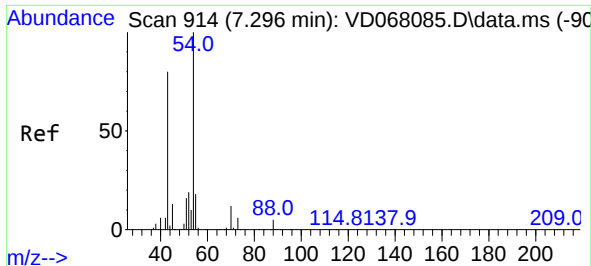
Ion Ratio Lower Upper

75 100

110 35.8 19.4 58.2

77 31.3 25.3 37.9

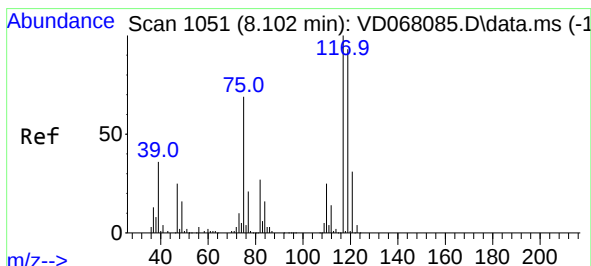
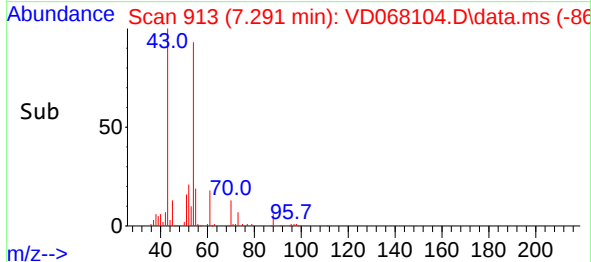
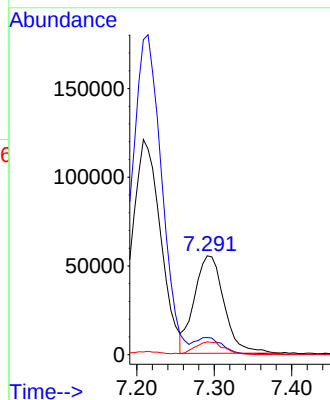
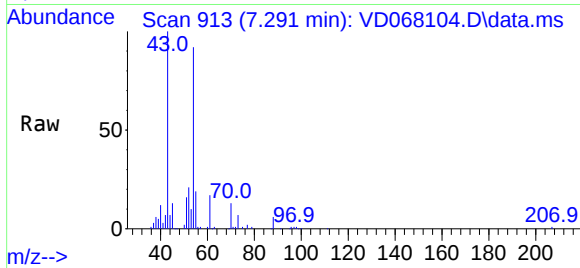




#37  
Ethyl Acetate  
Concen: 47.99 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

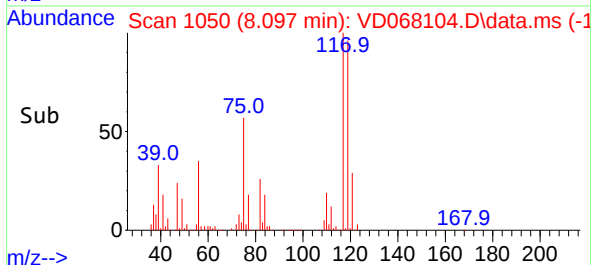
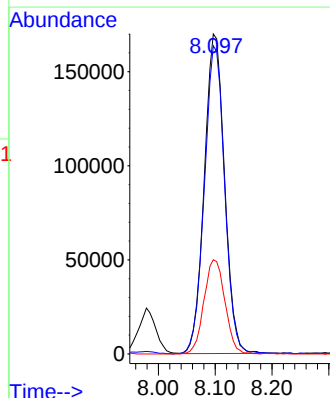
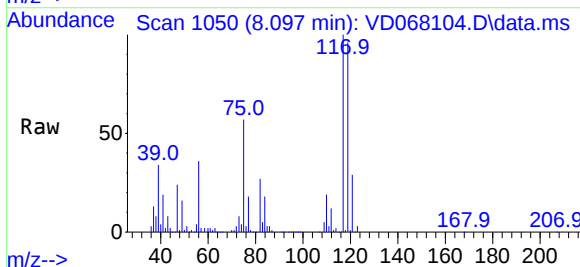
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

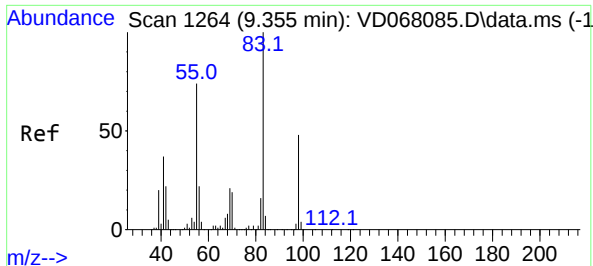
Tgt Ion: 43 Resp: 146250  
Ion Ratio Lower Upper  
43 100  
61 15.6 12.9 19.3  
70 12.9 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 52.03 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 117 Resp: 419619  
Ion Ratio Lower Upper  
117 100  
119 96.4 77.3 115.9  
121 29.5 24.7 37.1





#39

Methylcyclohexane

Concen: 51.51 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD068104.D

Acq: 20 Jan 2021 11:00

Tgt Ion: 83 Resp: 580196

Ion Ratio Lower Upper

83 100

55 74.1 55.2 82.8

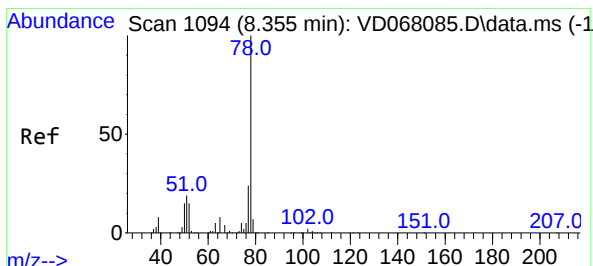
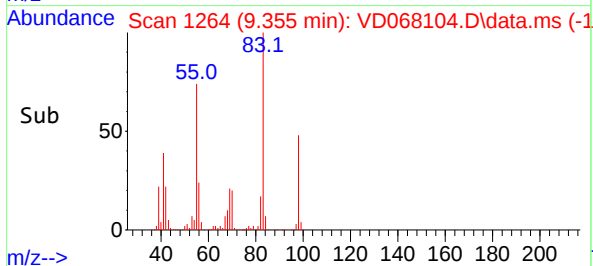
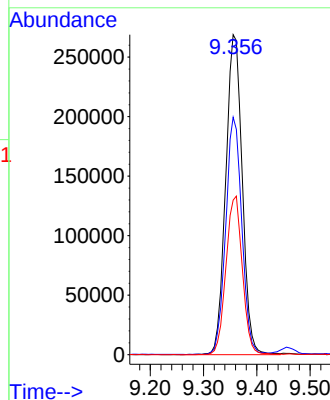
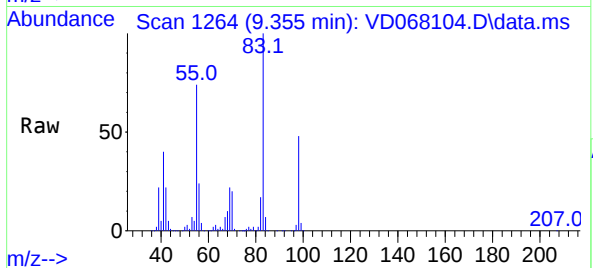
98 48.3 39.1 58.7

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050



#40

Benzene

Concen: 50.04 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.005 min

Lab File: VD068104.D

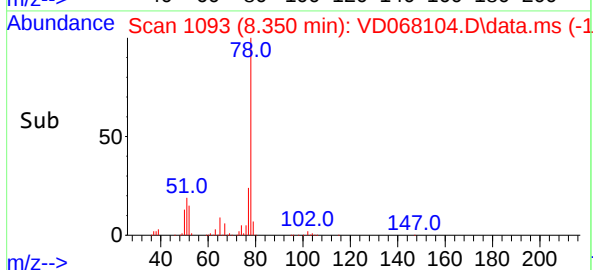
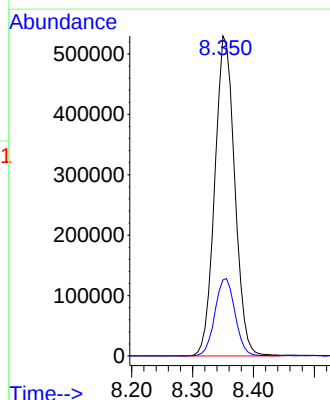
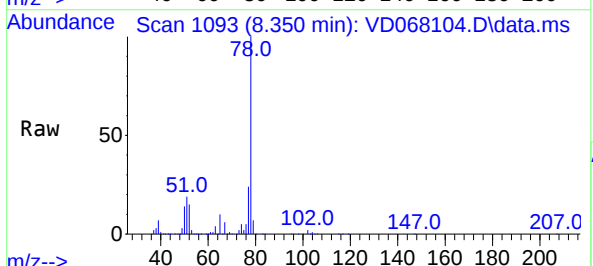
Acq: 20 Jan 2021 11:00

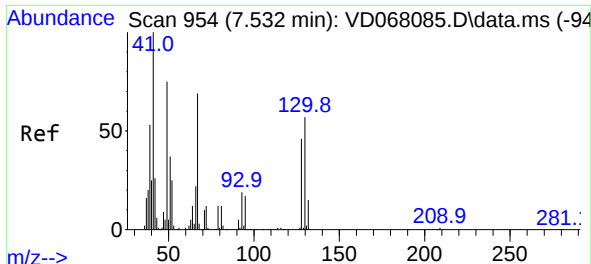
Tgt Ion: 78 Resp: 1205525

Ion Ratio Lower Upper

78 100

77 23.7 17.8 26.6

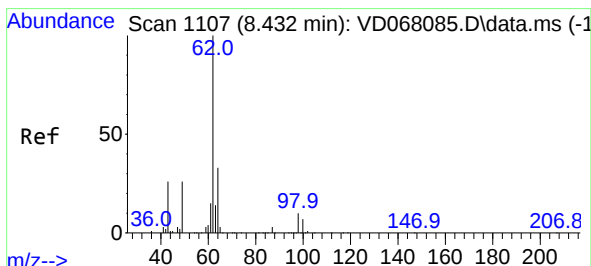
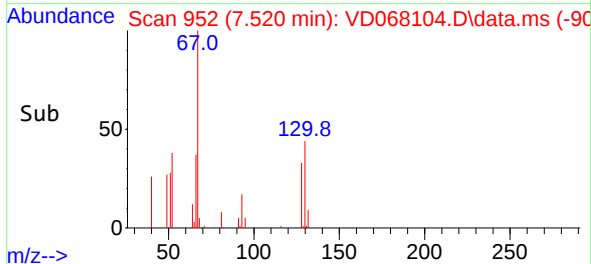
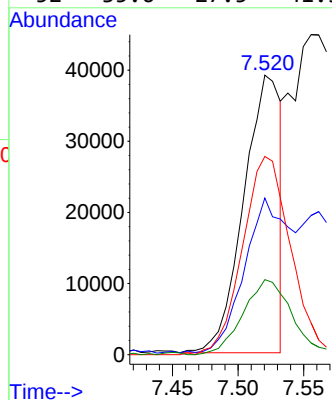
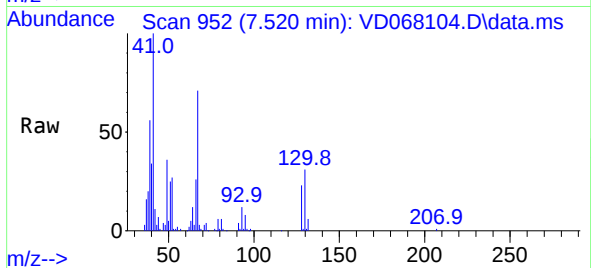




#41  
Methacrylonitrile  
Concen: 41.81 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. -0.012 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

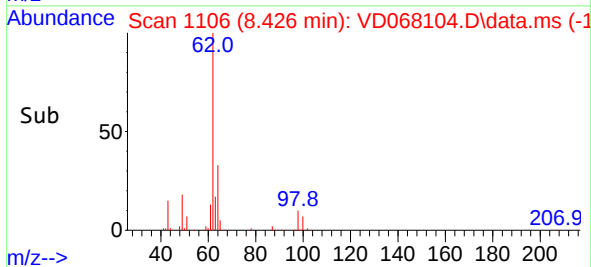
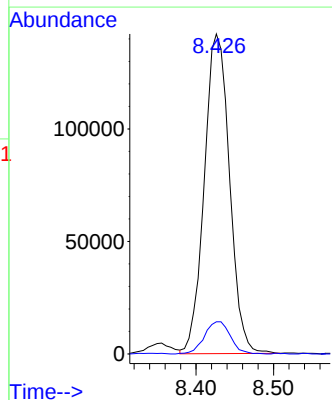
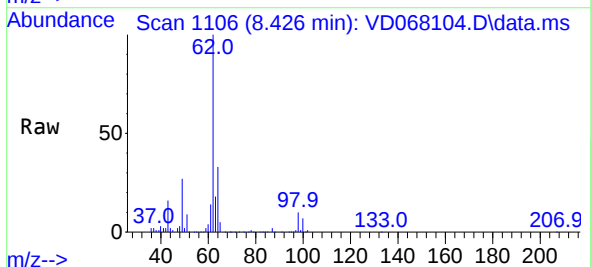
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

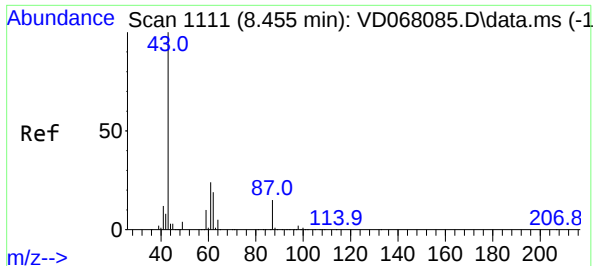
Tgt Ion: 41 Resp: 76893  
Ion Ratio Lower Upper  
41 100  
39 69.2 45.2 67.8#  
67 93.1 67.4 101.2  
52 35.6 27.5 41.3



#42  
1,2-Dichloroethane  
Concen: 50.09 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 62 Resp: 322388  
Ion Ratio Lower Upper  
62 100  
98 10.4 0.0 21.8

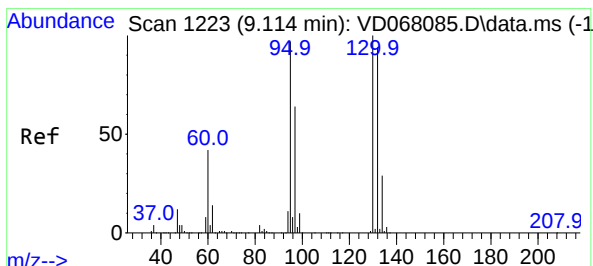
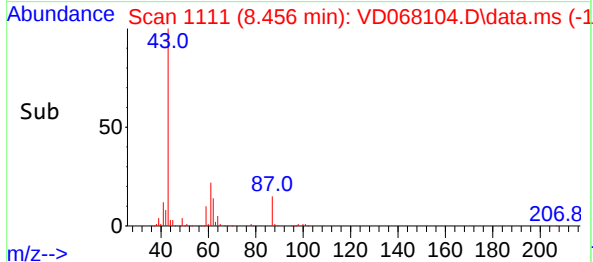
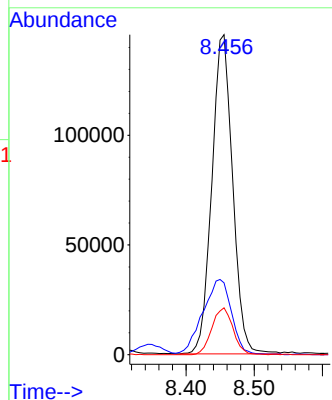
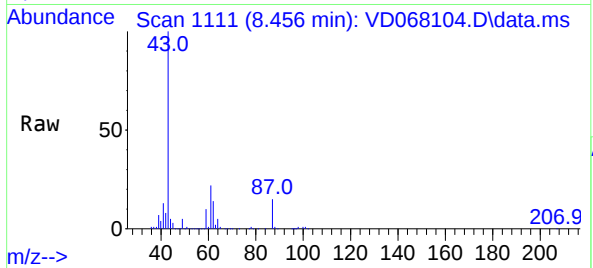




#43  
Isopropyl Acetate  
Concen: 48.62 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

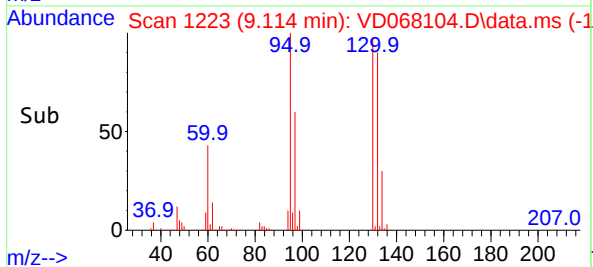
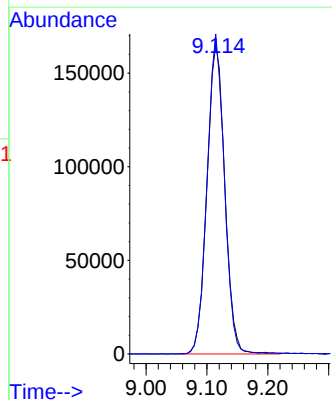
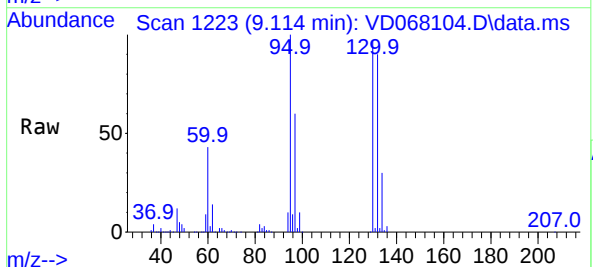
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

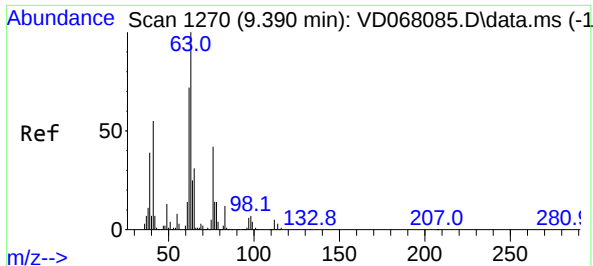
Tgt Ion: 43 Resp: 308814  
Ion Ratio Lower Upper  
43 100  
61 32.7 28.7 43.1  
87 15.0 13.9 20.9



#44  
Trichloroethene  
Concen: 50.94 ug/l  
RT: 9.114 min Scan# 1223  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:130 Resp: 337023  
Ion Ratio Lower Upper  
130 100  
95 103.3 0.0 191.2



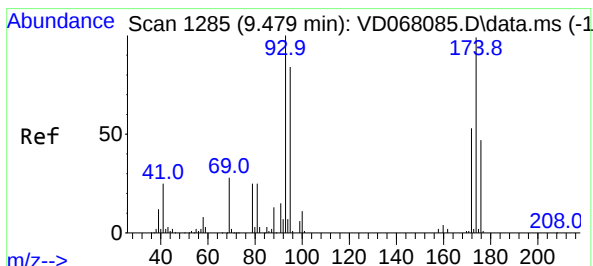
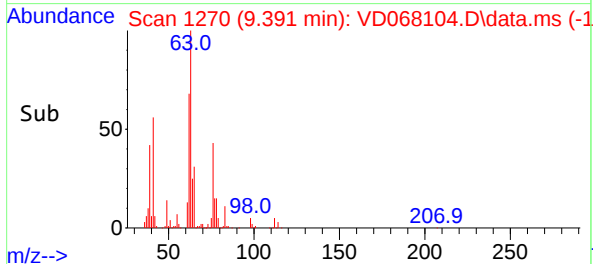
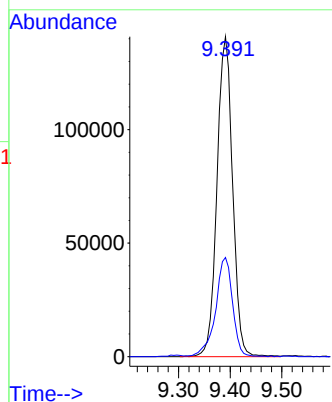
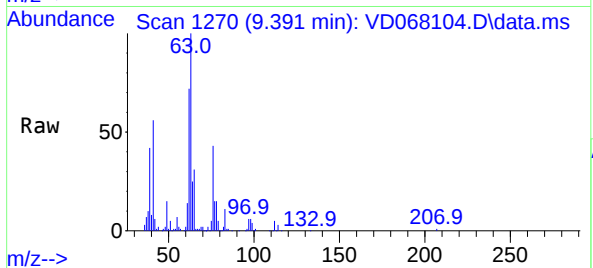


#45

1,2-Dichloropropane  
Concen: 50.06 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

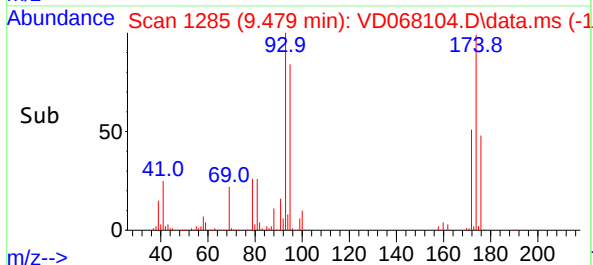
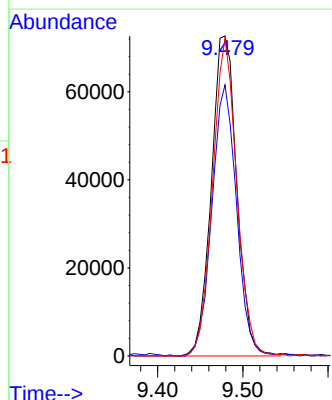
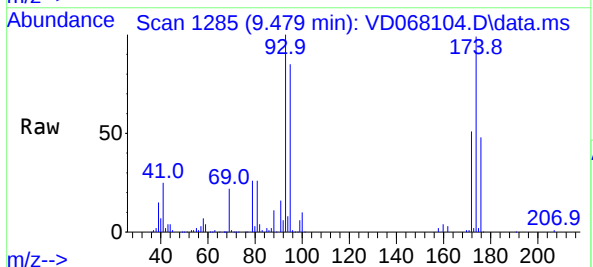
Tgt Ion: 63 Resp: 295301  
Ion Ratio Lower Upper  
63 100  
65 31.0 26.6 40.0

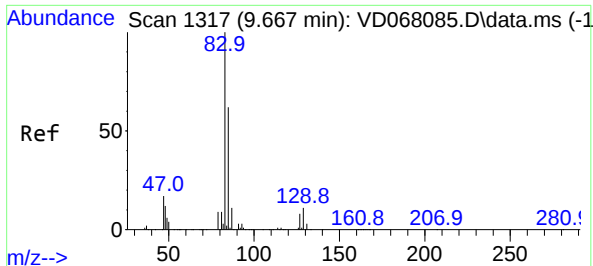


#46

Dibromomethane  
Concen: 50.41 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 93 Resp: 150671  
Ion Ratio Lower Upper  
93 100  
95 81.9 67.3 100.9  
174 94.2 84.6 127.0

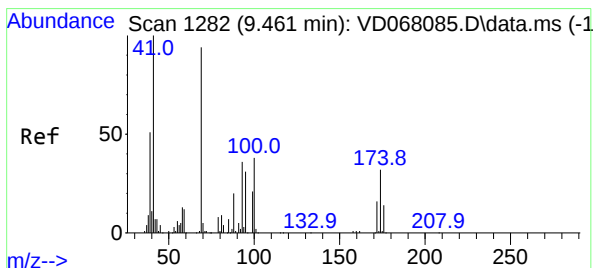
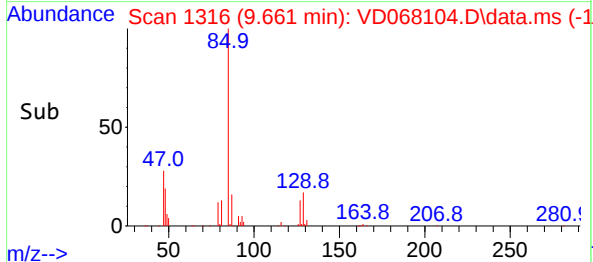
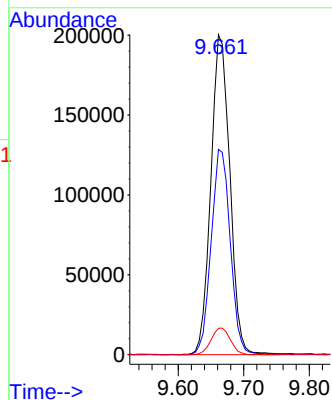
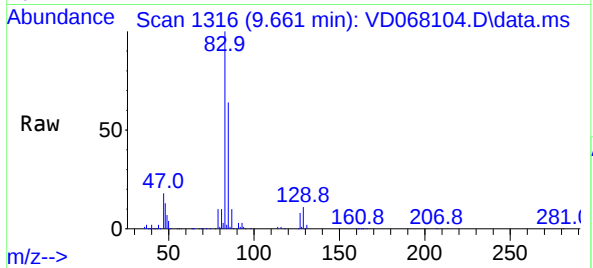




#47  
Bromodichloromethane  
Concen: 49.98 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

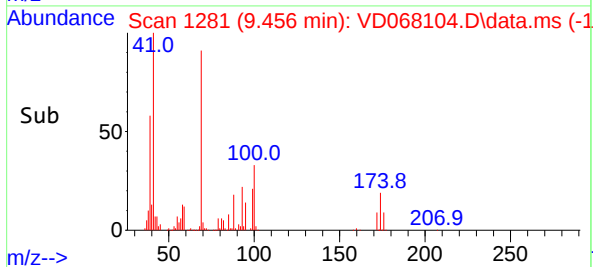
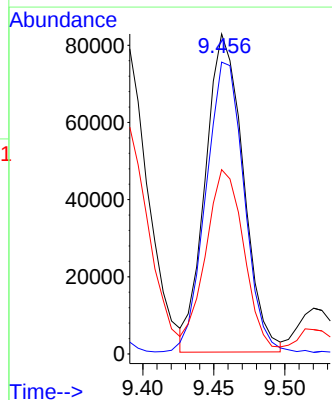
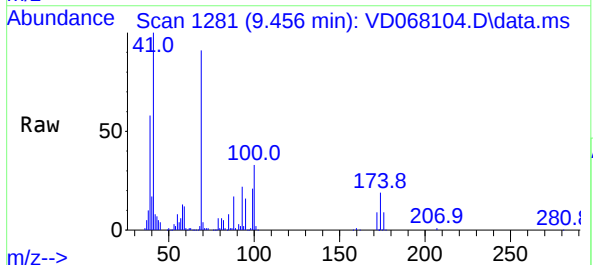
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

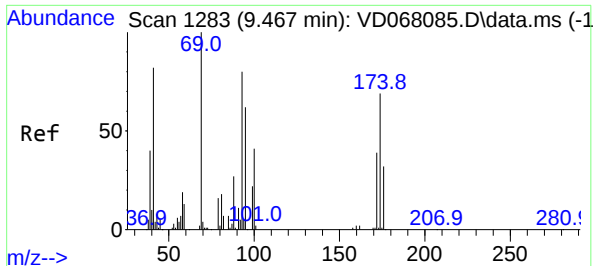
Tgt Ion: 83 Resp: 403106  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.6 77.4  
127 8.3 7.4 11.0



#48  
Methyl methacrylate  
Concen: 48.53 ug/l  
RT: 9.456 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 41 Resp: 153422  
Ion Ratio Lower Upper  
41 100  
69 91.9 77.1 115.7  
39 54.5 41.5 62.3

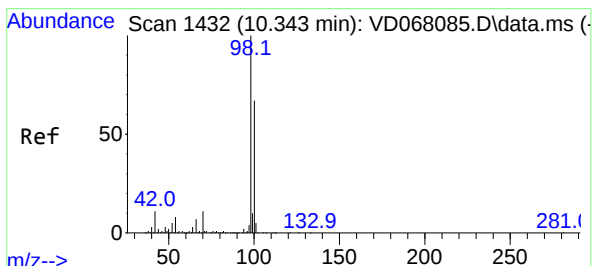
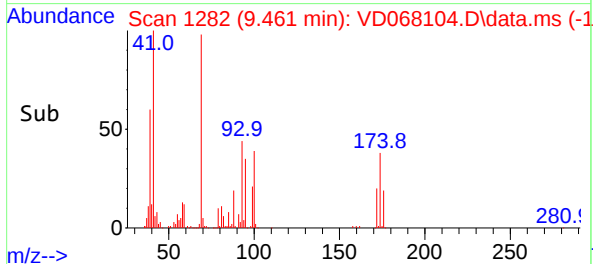
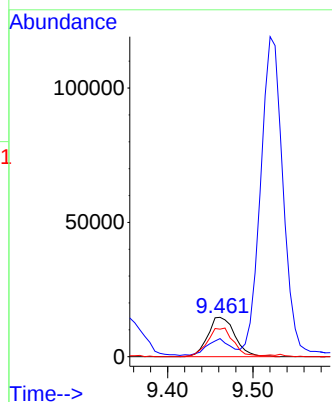
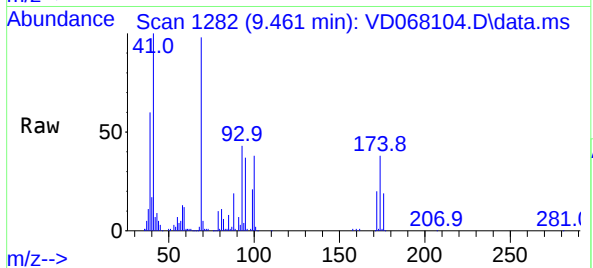




#49  
1,4-Dioxane  
Concen: 921.13 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

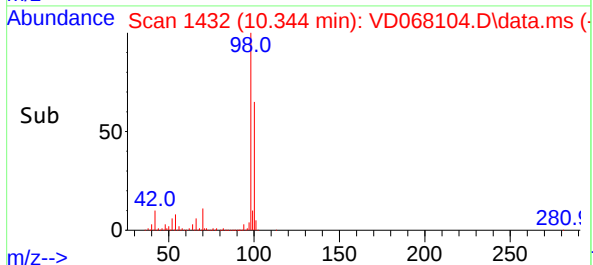
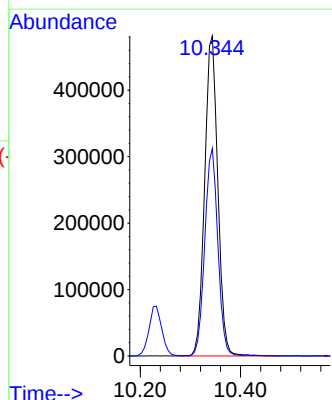
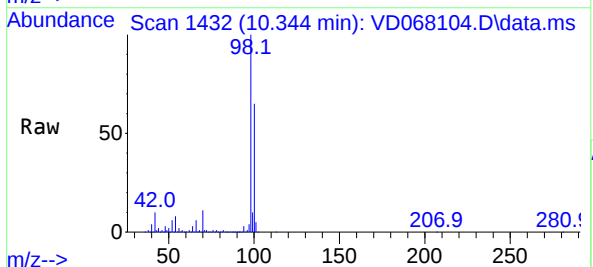
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

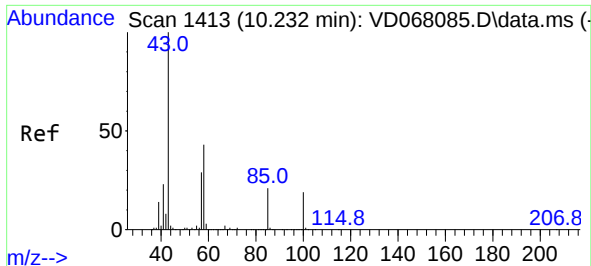
Tgt Ion: 88 Resp: 32266  
Ion Ratio Lower Upper  
88 100  
43 36.8 22.1 33.1#  
58 70.1 46.7 70.1



#50  
Toluene-d8  
Concen: 46.45 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 98 Resp: 877662  
Ion Ratio Lower Upper  
98 100  
100 64.2 53.0 79.4

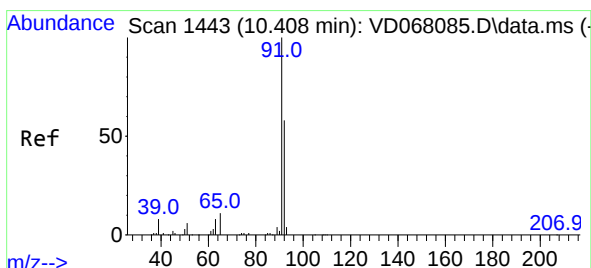
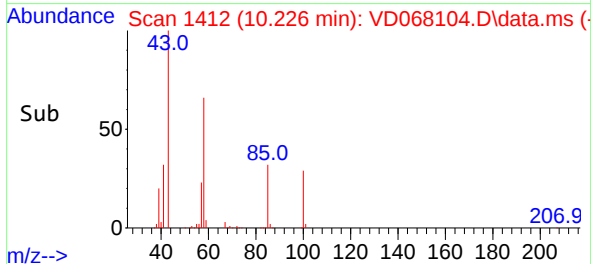
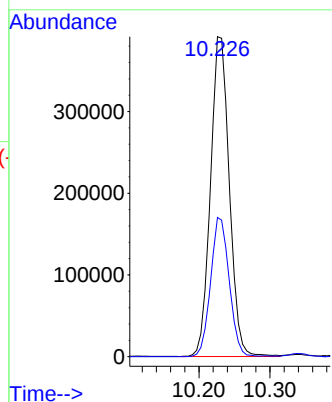
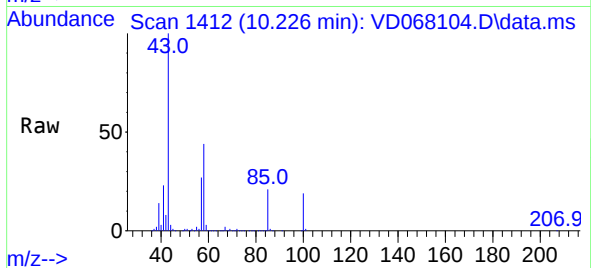




#51  
4-Methyl-2-Pentanone  
Concen: 244.22 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

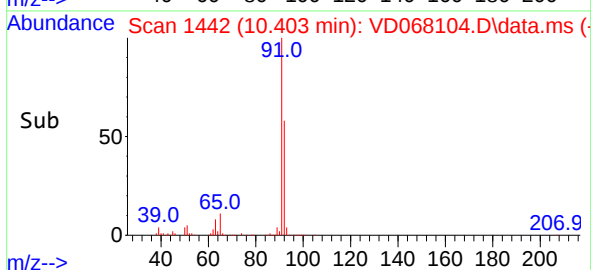
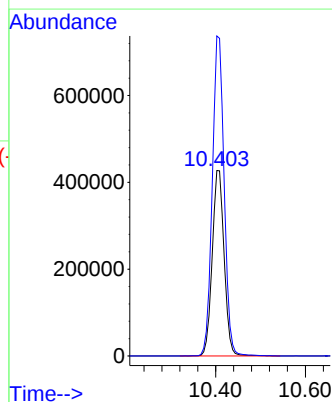
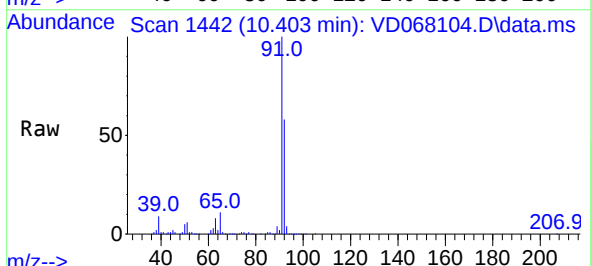
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

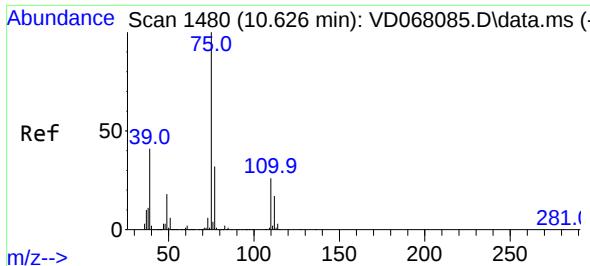
Tgt Ion: 43 Resp: 721014  
Ion Ratio Lower Upper  
43 100  
58 42.9 36.1 54.1



#52  
Toluene  
Concen: 50.15 ug/l  
RT: 10.403 min Scan# 1442  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 92 Resp: 787128  
Ion Ratio Lower Upper  
92 100  
91 171.8 134.1 201.1

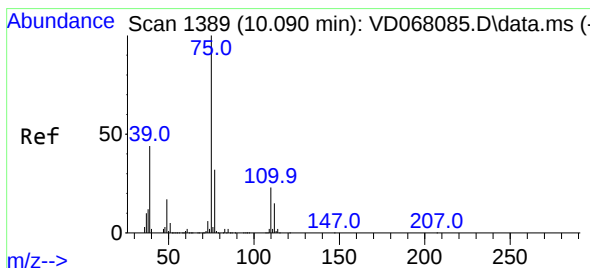
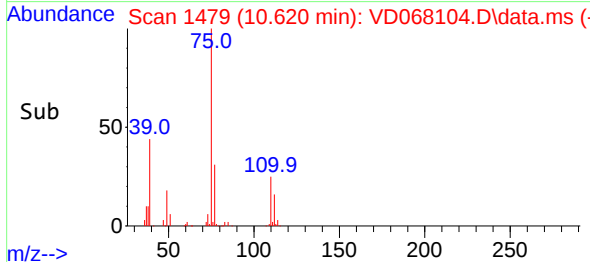
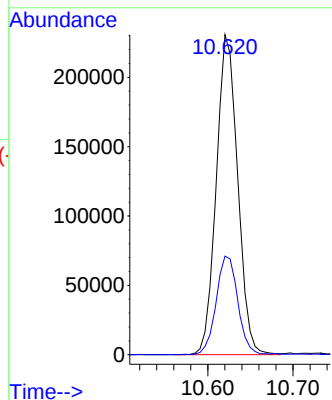
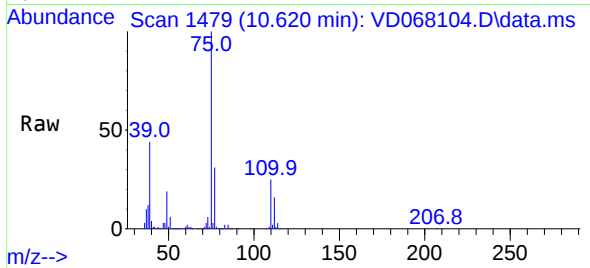




#53  
t-1,3-Dichloropropene  
Concen: 49.36 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

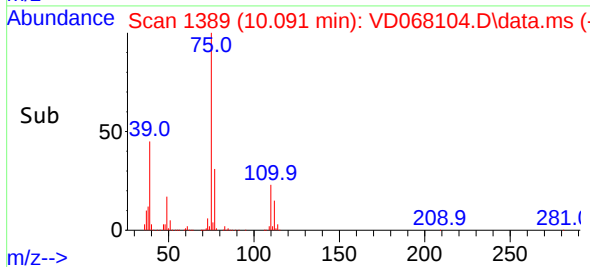
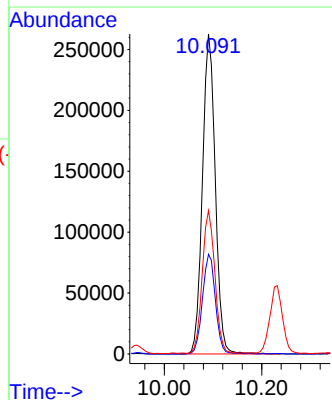
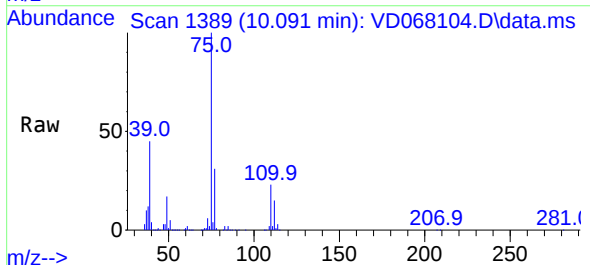
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

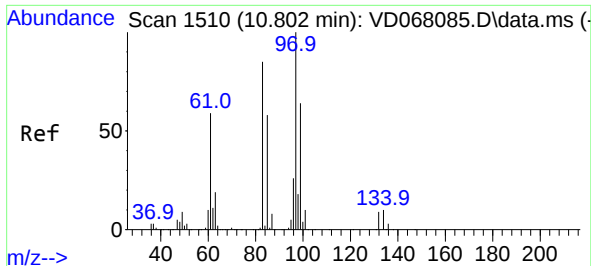
Tgt Ion: 75 Resp: 402976  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 49.39 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 75 Resp: 479967  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.6 37.0  
39 44.5 31.4 47.0



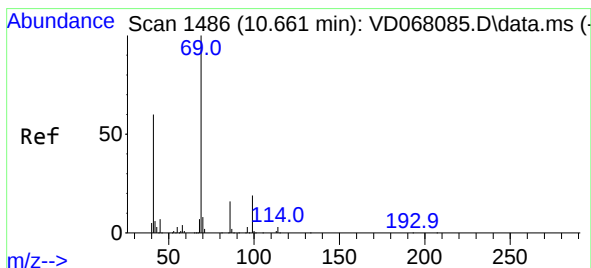
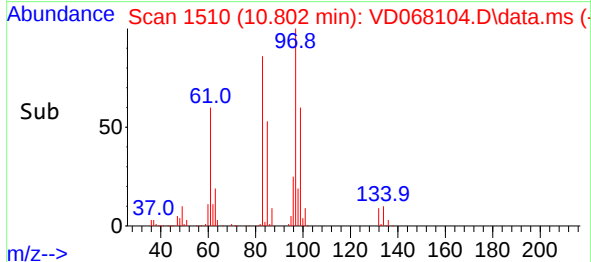
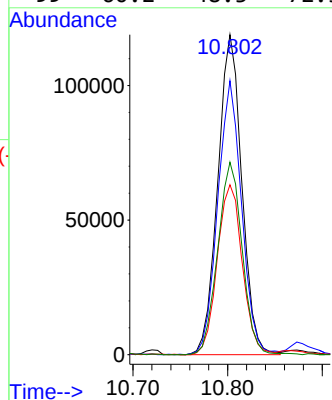
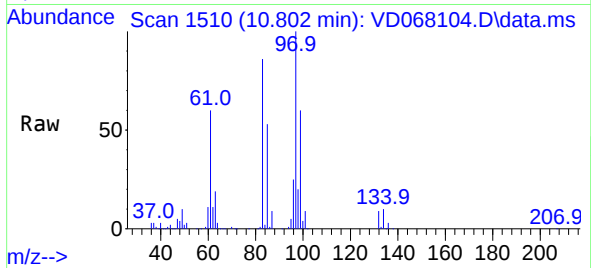


#55  
1,1,2-Trichloroethane  
Concen: 49.55 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 209903

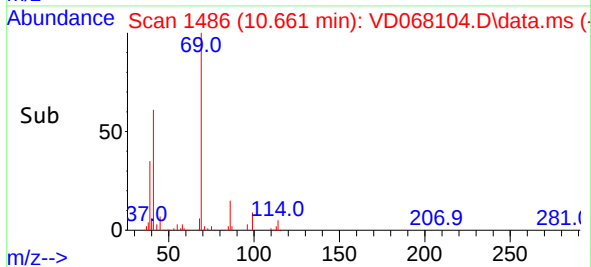
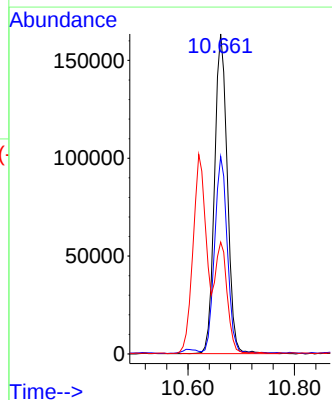
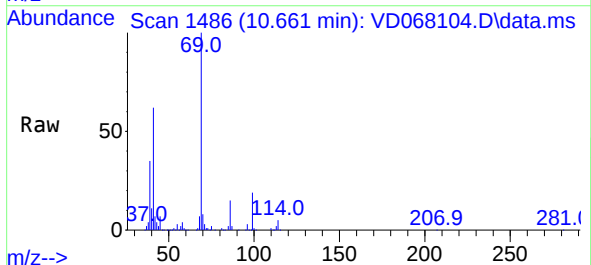
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 85.5  | 61.8  | 92.6  |
| 85  | 53.1  | 42.2  | 63.2  |
| 99  | 60.2  | 48.3  | 72.5  |

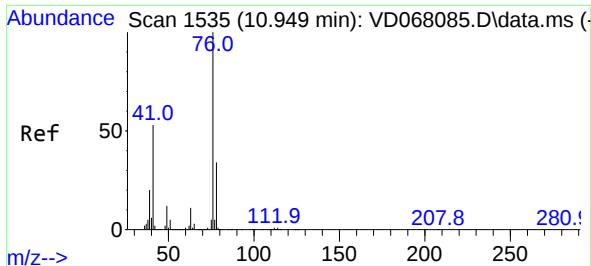


#56  
Ethyl methacrylate  
Concen: 48.26 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 69 Resp: 272307

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.9  | 44.9  | 67.3  |
| 39  | 32.6  | 21.9  | 32.9  |

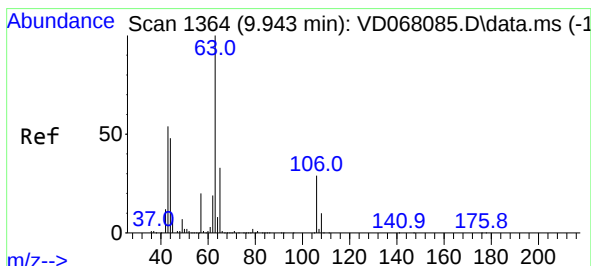
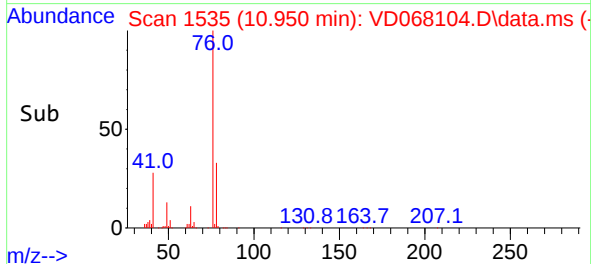
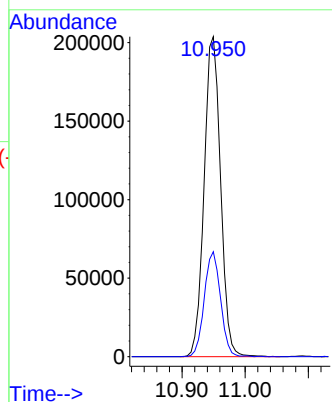
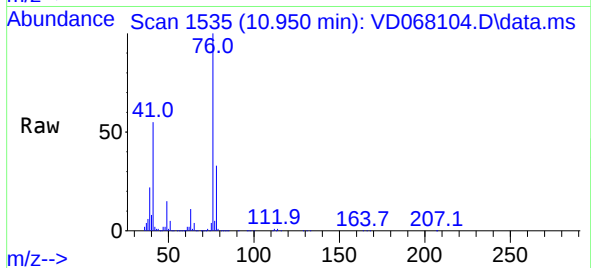




#57  
1,3-Dichloropropane  
Concen: 49.36 ug/l  
RT: 10.950 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

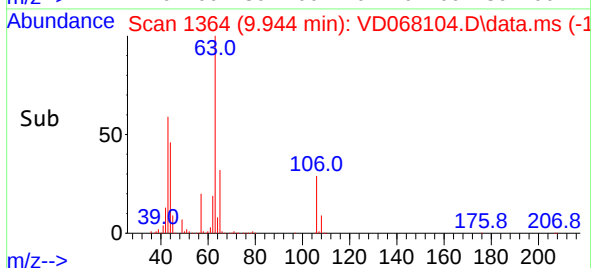
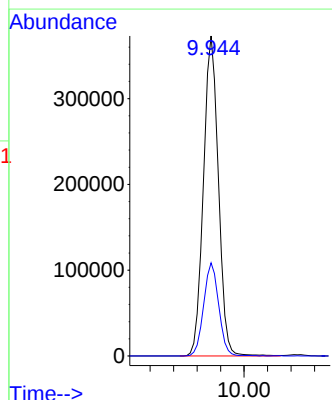
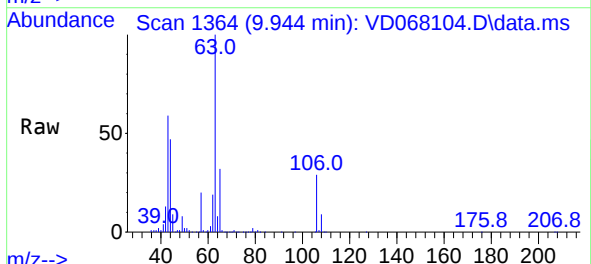
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

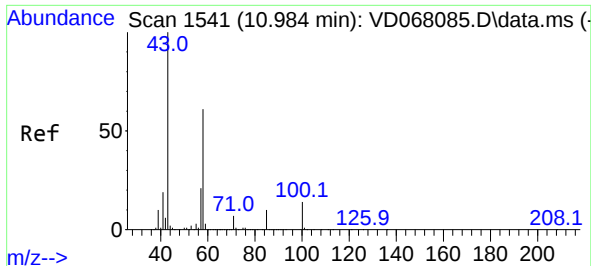
Tgt Ion: 76 Resp: 368910  
Ion Ratio Lower Upper  
76 100  
78 32.4 25.6 38.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 253.13 ug/l  
RT: 9.944 min Scan# 1364  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 63 Resp: 659142  
Ion Ratio Lower Upper  
63 100  
106 29.2 27.0 40.4

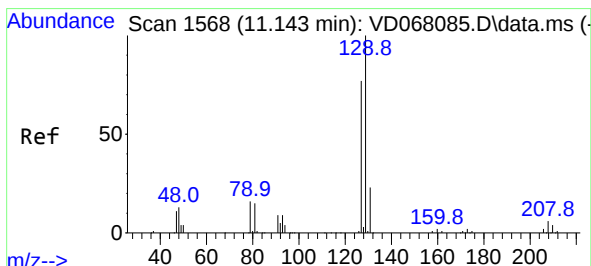
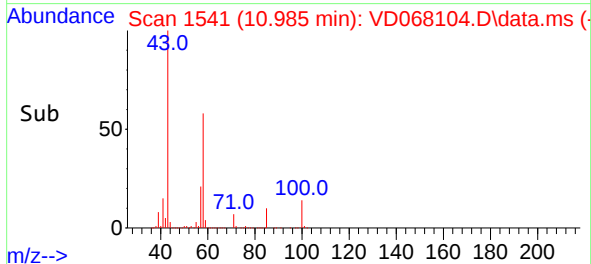
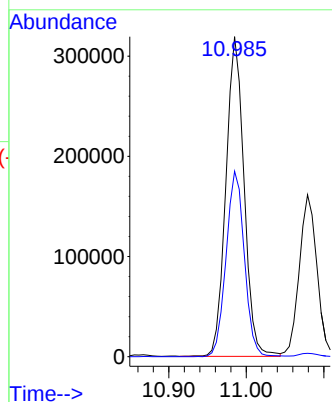
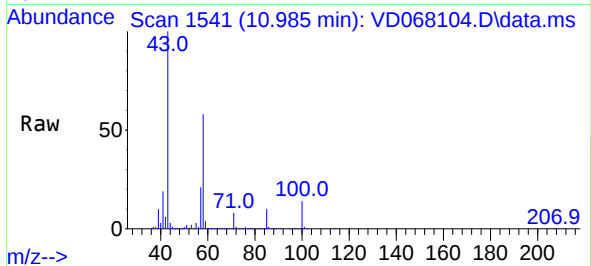




#59  
2-Hexanone  
Concen: 254.65 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

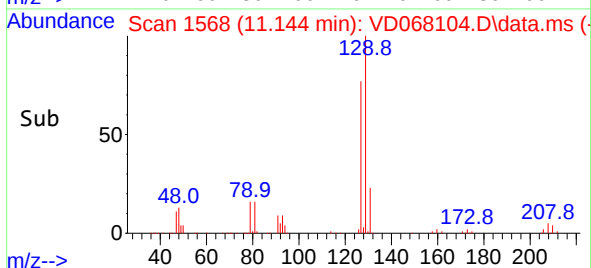
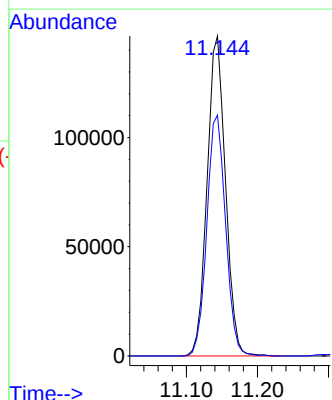
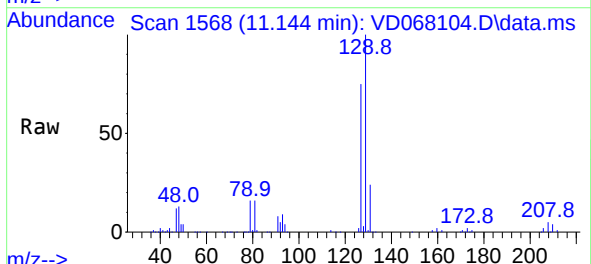
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

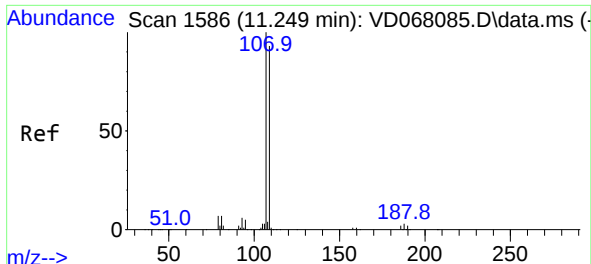
Tgt Ion: 43 Resp: 521139  
Ion Ratio Lower Upper  
43 100  
58 58.3 31.0 93.0



#60  
Dibromochloromethane  
Concen: 49.61 ug/l  
RT: 11.144 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 129 Resp: 263511  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.6 116.0

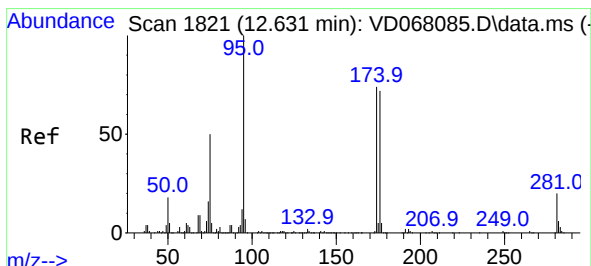
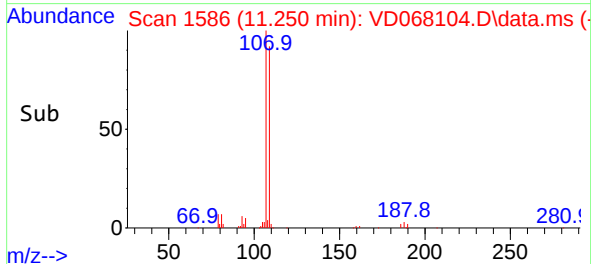
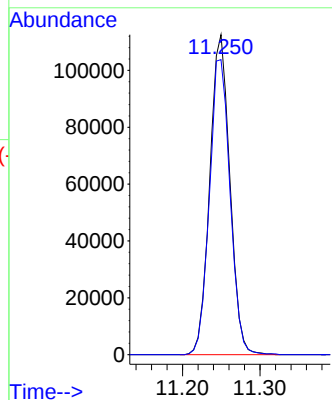
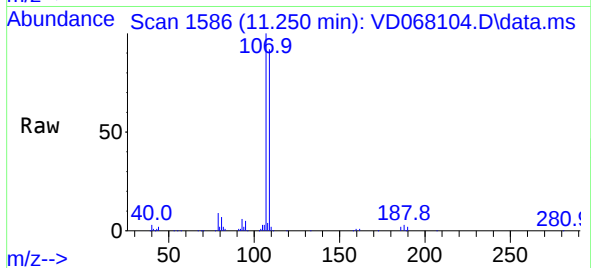




#61  
1,2-Dibromoethane  
Concen: 48.40 ug/l  
RT: 11.250 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

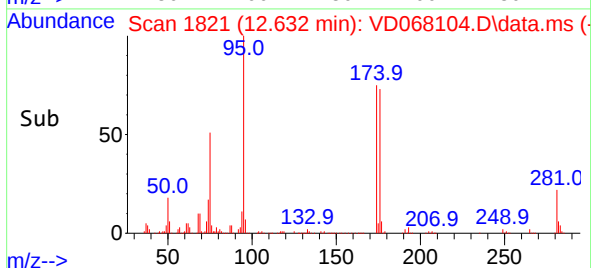
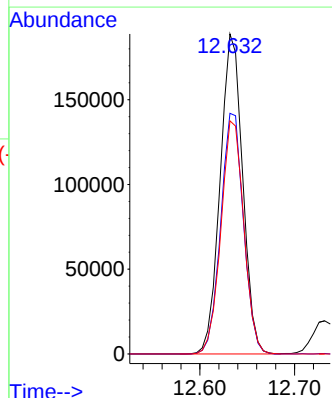
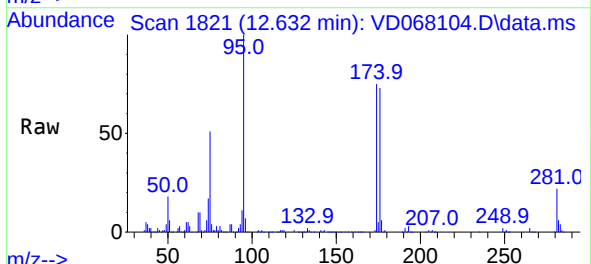
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

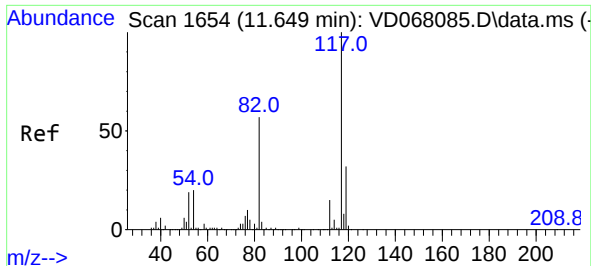
Tgt Ion:107 Resp: 202292  
Ion Ratio Lower Upper  
107 100  
109 95.0 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 45.72 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 95 Resp: 311040  
Ion Ratio Lower Upper  
95 100  
174 76.2 0.0 172.4  
176 74.1 0.0 168.4



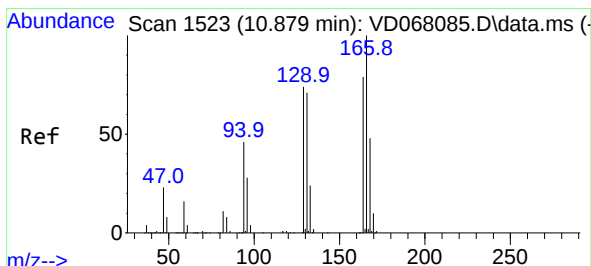
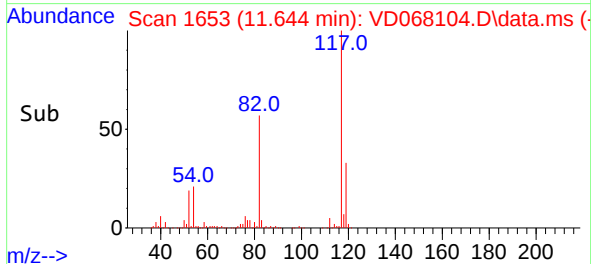
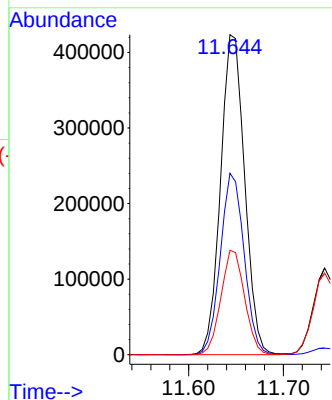
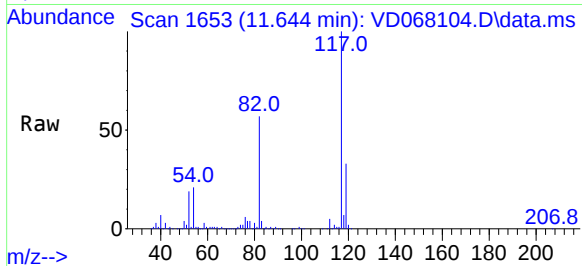


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.644 min Scan# 1653  
Delta R.T. -0.005 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:117 Resp: 748030

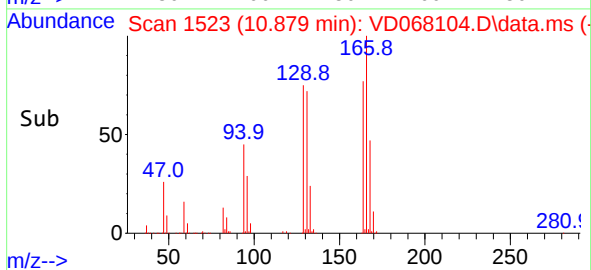
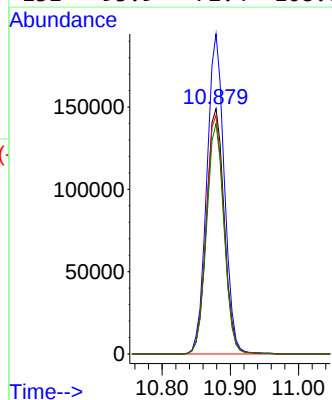
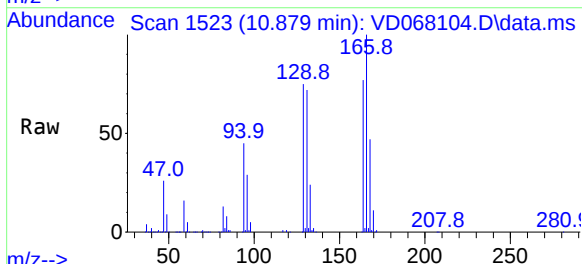
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.7  | 41.4  | 62.0  |
| 119 | 32.6  | 26.1  | 39.1  |

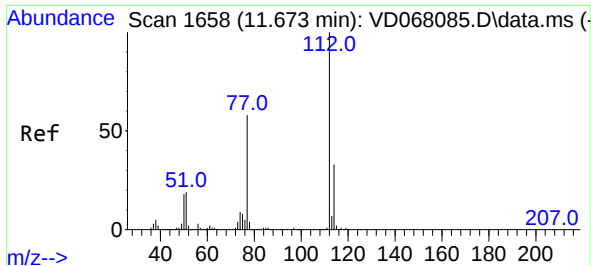


#64  
Tetrachloroethene  
Concen: 51.38 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:164 Resp: 270897

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 130.5 | 105.5 | 158.3 |
| 129 | 97.3  | 75.6  | 113.4 |
| 131 | 93.9  | 72.4  | 108.6 |

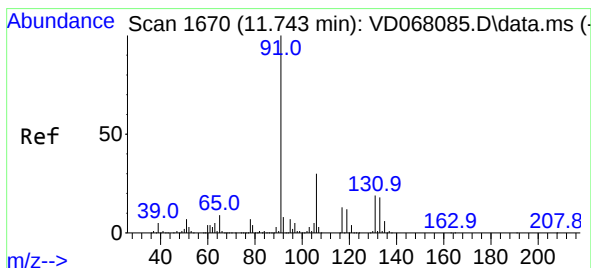
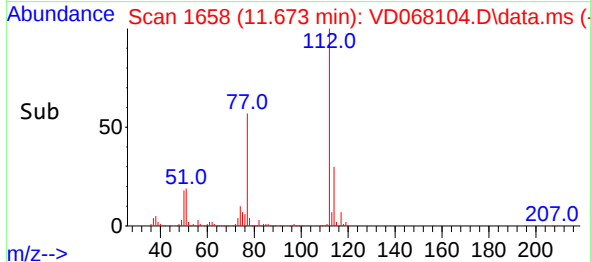
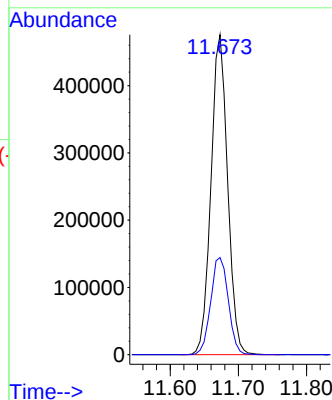
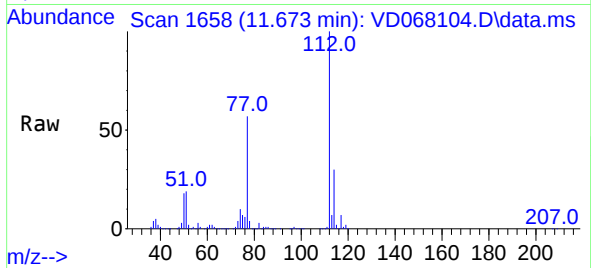




#65  
Chlorobenzene  
Concen: 50.81 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

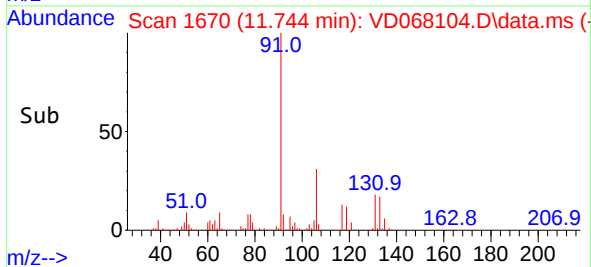
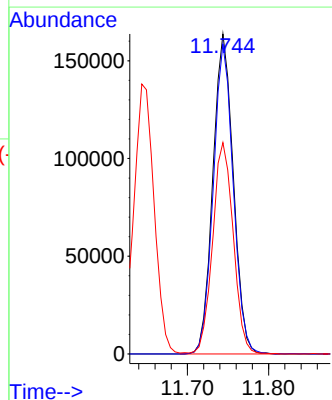
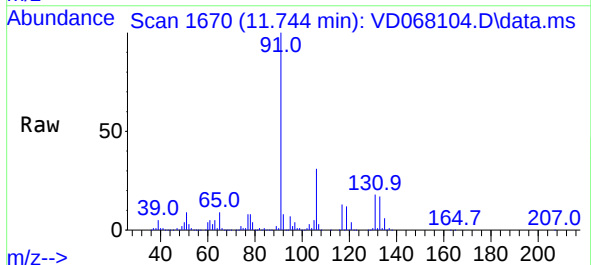
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

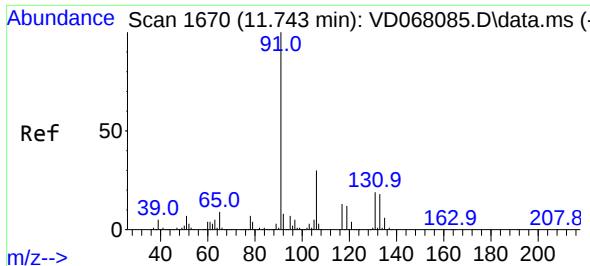
Tgt Ion:112 Resp: 807638  
Ion Ratio Lower Upper  
112 100  
114 30.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.08 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:131 Resp: 285562  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.1 144.4  
119 66.7 31.6 94.8

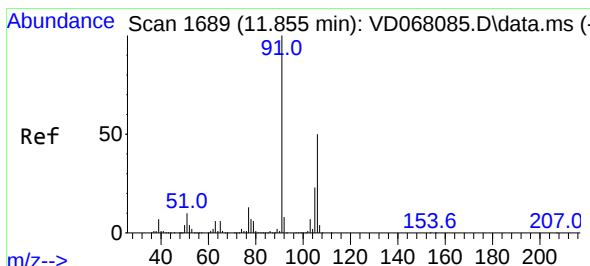
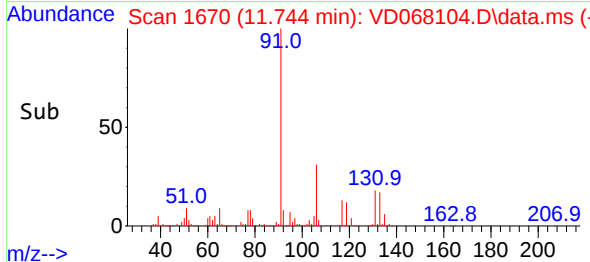
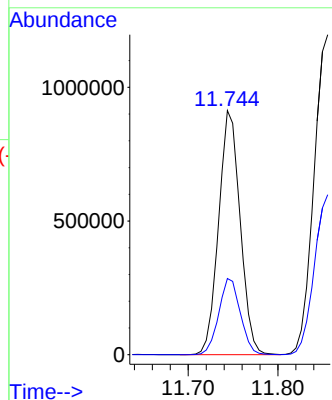
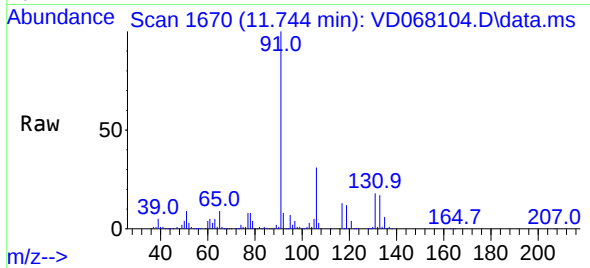




#67  
Ethyl Benzene  
Concen: 51.67 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

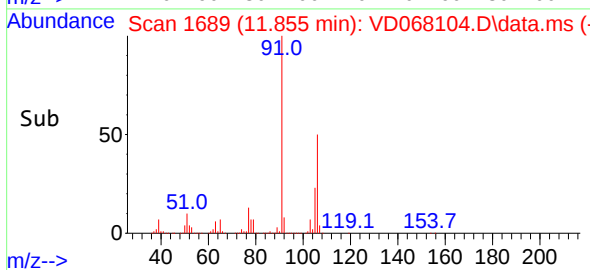
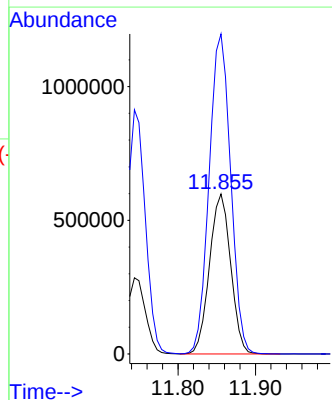
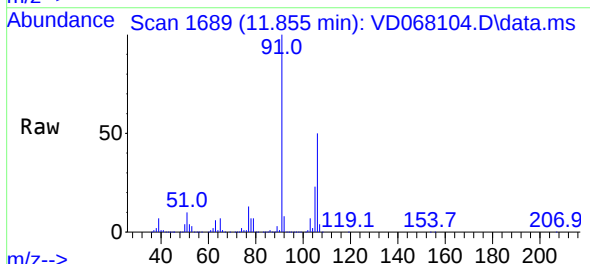
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

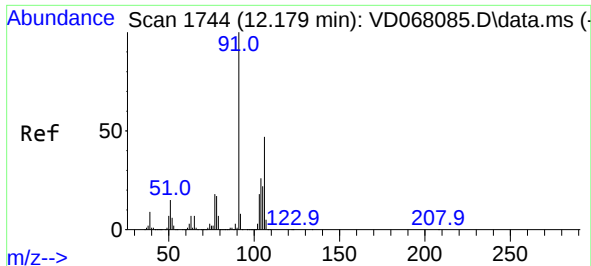
Tgt Ion: 91 Resp: 1520528  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.9 38.9



#68  
m/p-Xylenes  
Concen: 102.61 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:106 Resp: 1140003  
Ion Ratio Lower Upper  
106 100  
91 202.9 159.1 238.7

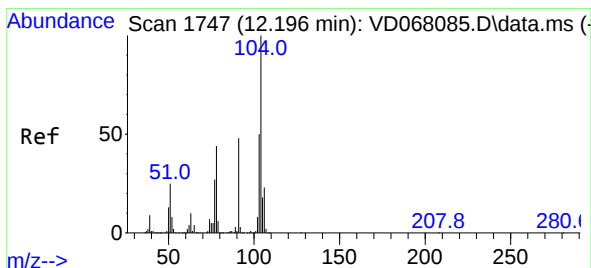
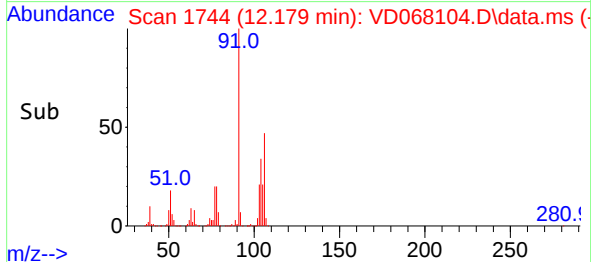
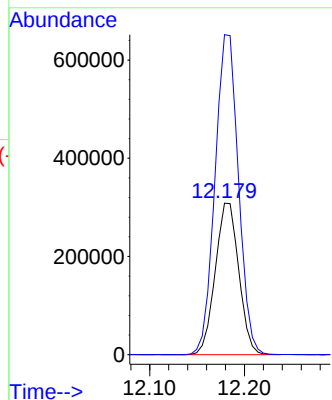
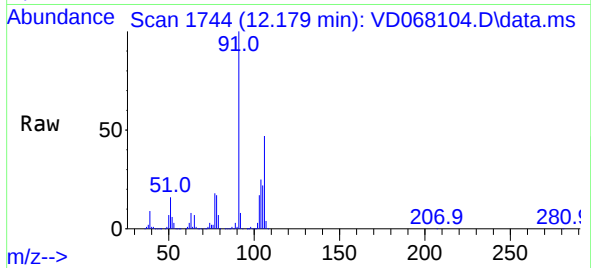




#69  
o-Xylene  
Concen: 51.63 ug/l  
RT: 12.179 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

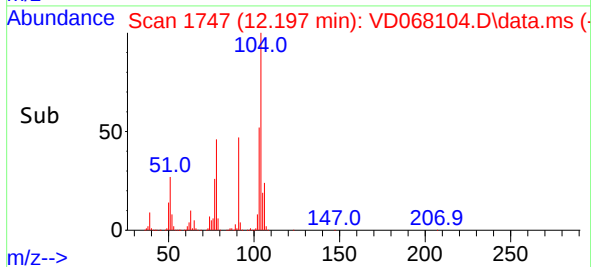
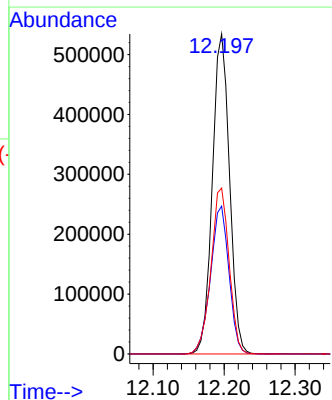
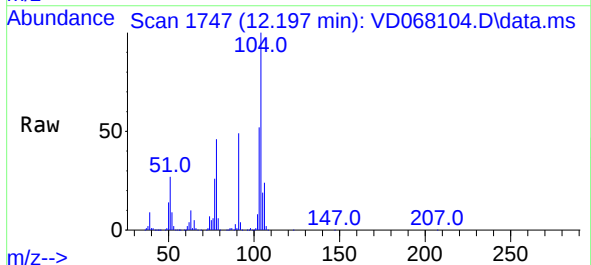
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

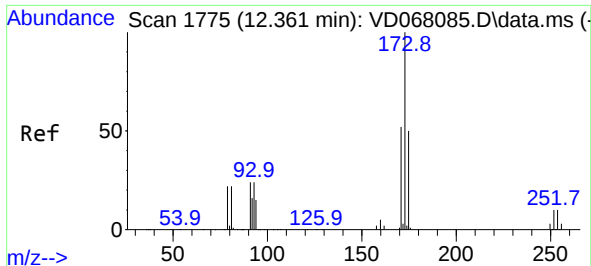
Tgt Ion:106 Resp: 532768  
Ion Ratio Lower Upper  
106 100  
91 210.7 108.7 325.9



#70  
Styrene  
Concen: 50.86 ug/l  
RT: 12.197 min Scan# 1747  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:104 Resp: 895780  
Ion Ratio Lower Upper  
104 100  
78 49.6 38.2 57.2  
103 54.9 43.1 64.7

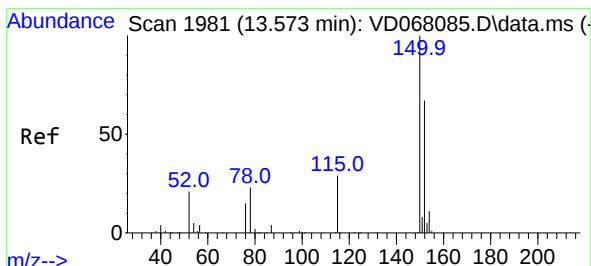
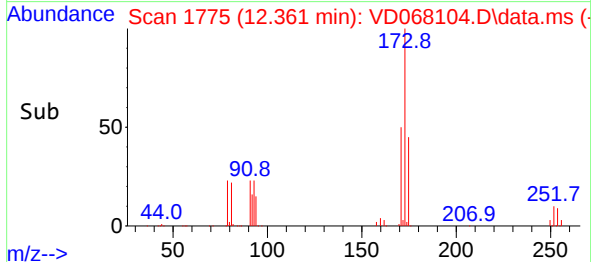
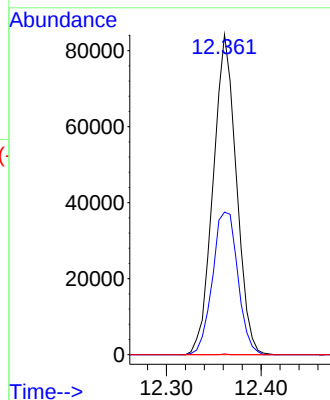
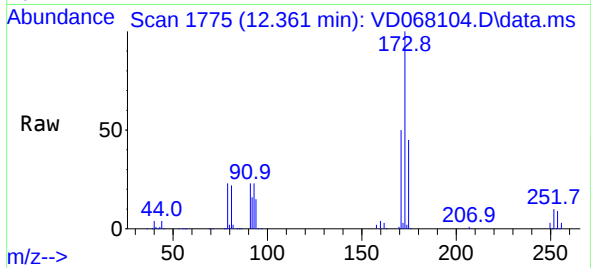




#71  
Bromoform  
Concen: 50.65 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

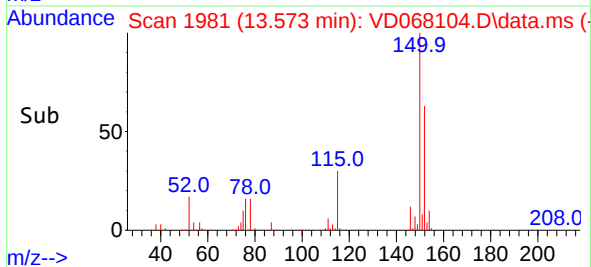
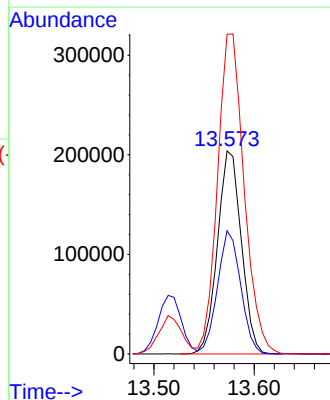
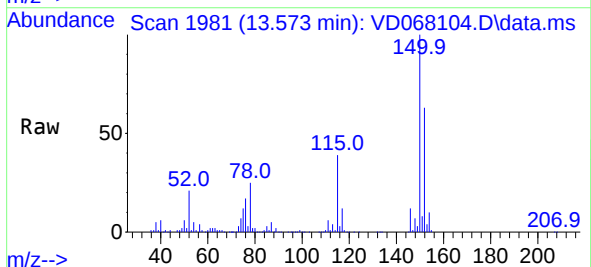
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

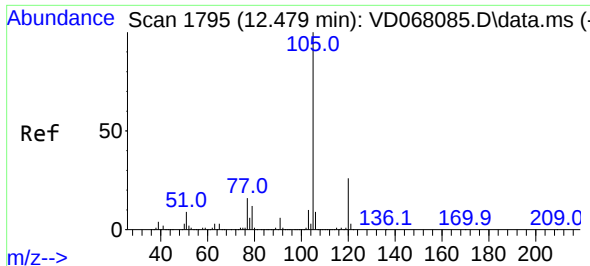
Tgt Ion:173 Resp: 143526  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 73.8  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:152 Resp: 337401  
Ion Ratio Lower Upper  
152 100  
115 58.8 28.9 86.8  
150 175.2 0.0 344.4

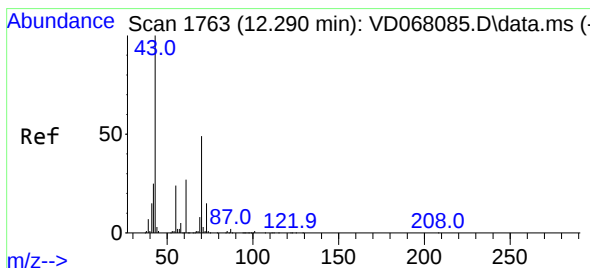
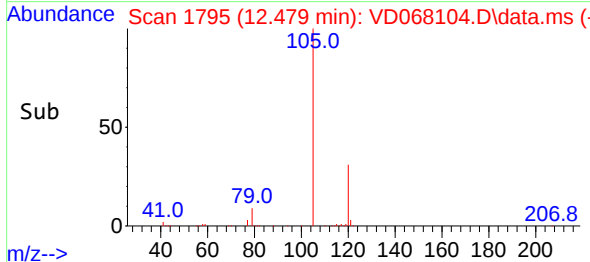
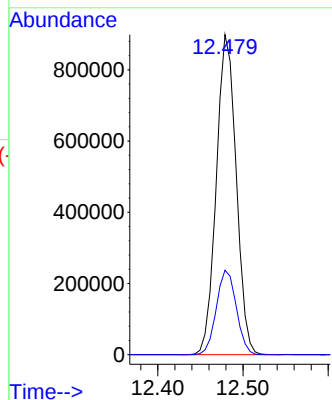
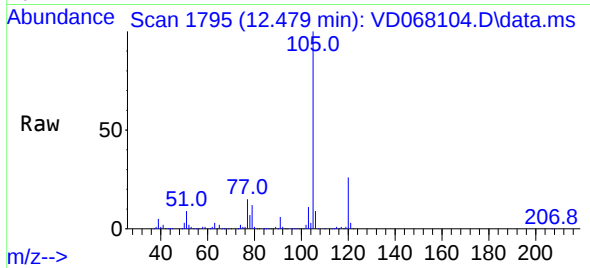




#73  
Isopropylbenzene  
Concen: 51.94 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

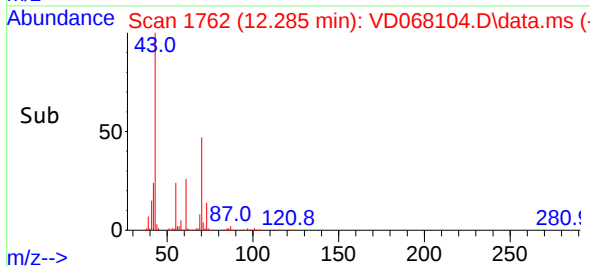
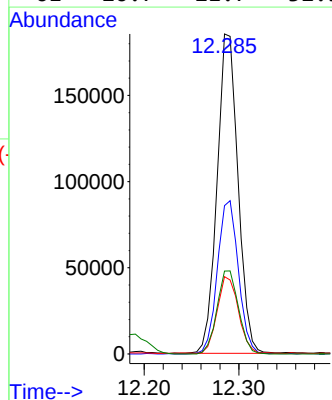
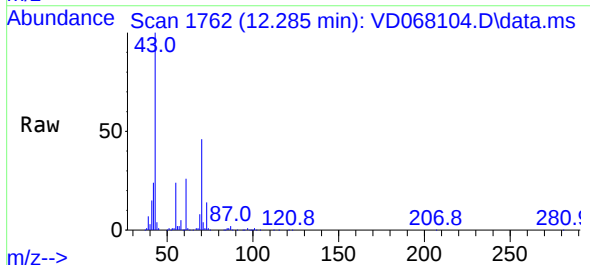
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

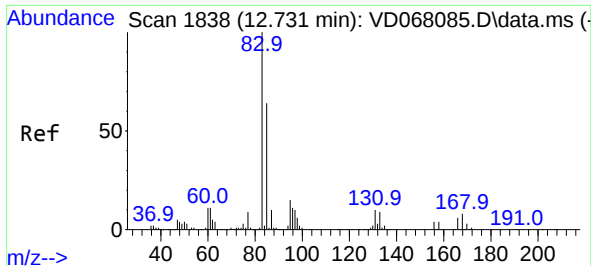
Tgt Ion:105 Resp: 1458333  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.2 39.6



#74  
N-ethyl acetate  
Concen: 48.89 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 43 Resp: 285323  
Ion Ratio Lower Upper  
43 100  
70 48.2 41.8 62.8  
55 24.4 24.2 36.4  
61 26.7 21.7 32.5

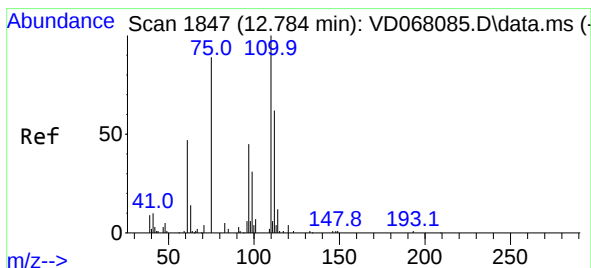
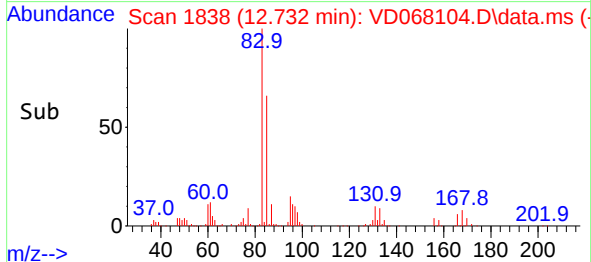
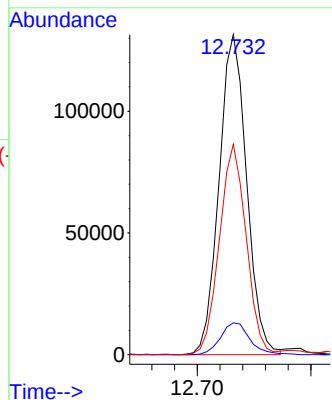
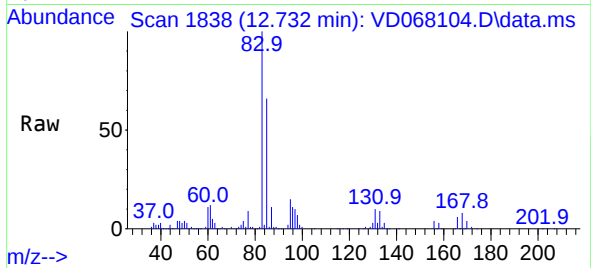




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.66 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

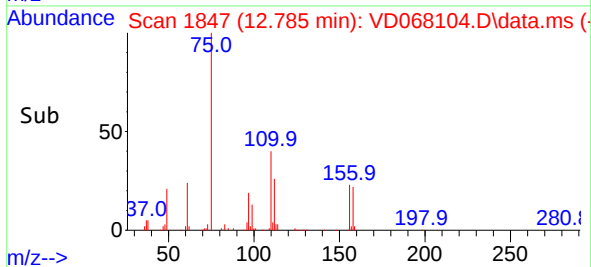
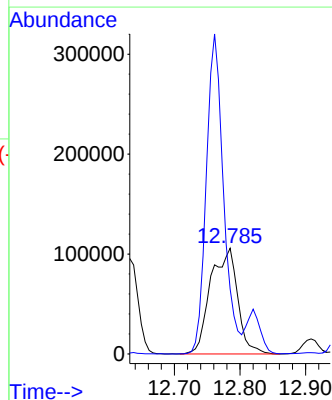
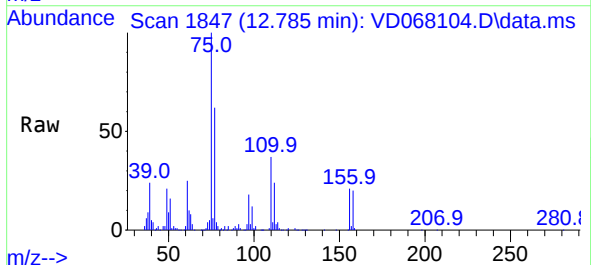
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

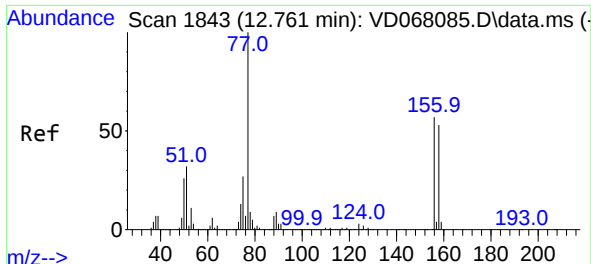
Tgt Ion: 83 Resp: 221739  
Ion Ratio Lower Upper  
83 100  
131 10.6 5.8 17.4  
85 63.7 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 93.06 ug/l  
RT: 12.785 min Scan# 1847  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 75 Resp: 303585  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

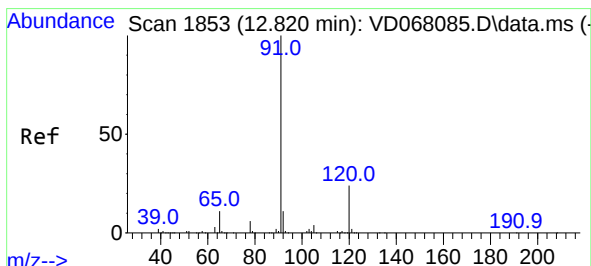
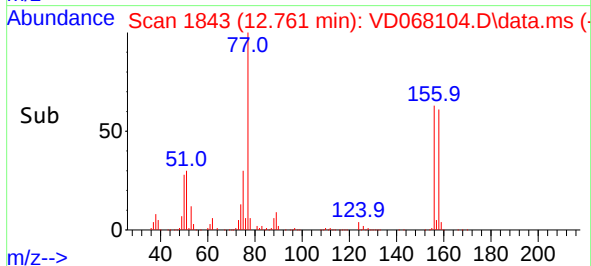
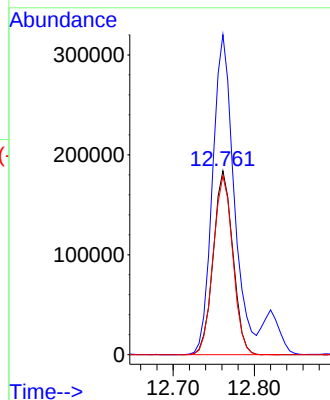
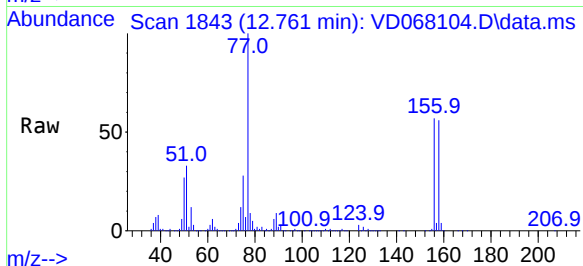




#77  
Bromobenzene  
Concen: 51.21 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

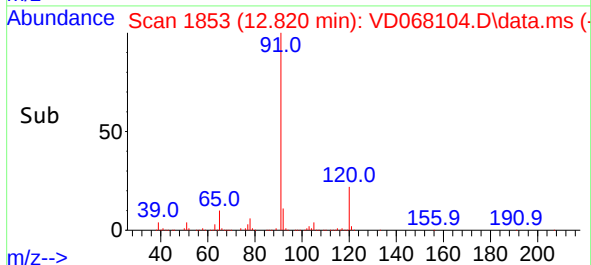
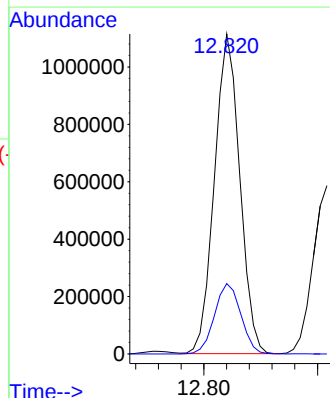
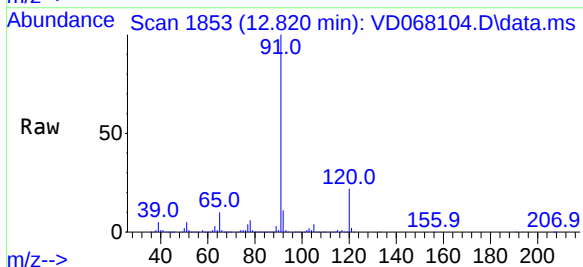
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

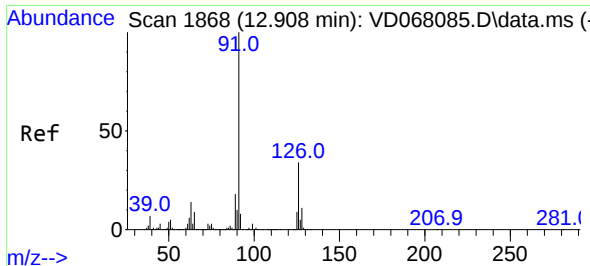
Tgt Ion:156 Resp: 308256  
Ion Ratio Lower Upper  
156 100  
77 190.7 82.8 248.3  
158 97.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 51.89 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 91 Resp: 1723506  
Ion Ratio Lower Upper  
91 100  
120 22.9 12.0 36.0

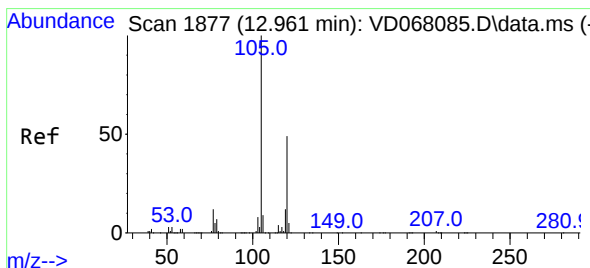
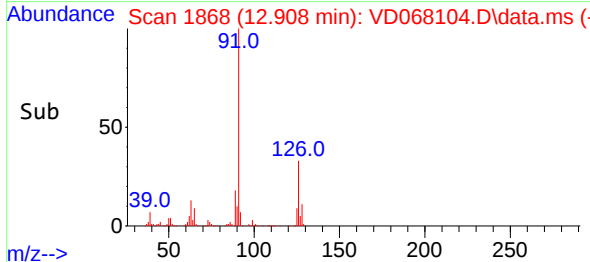
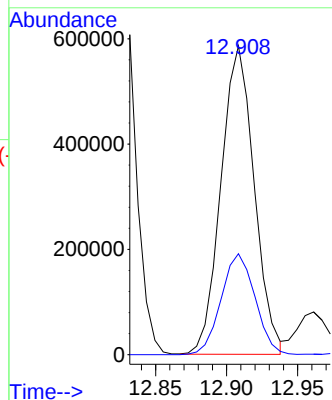
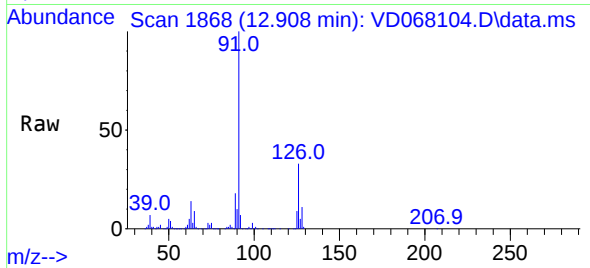




#79  
2-Chlorotoluene  
Concen: 51.11 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

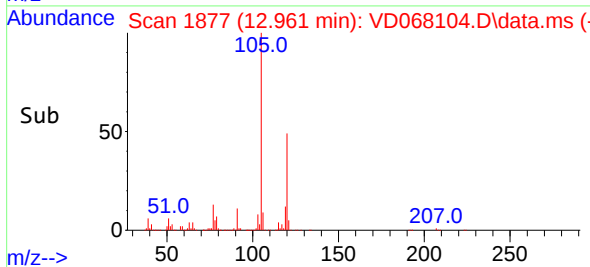
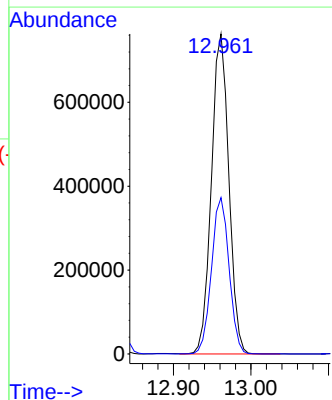
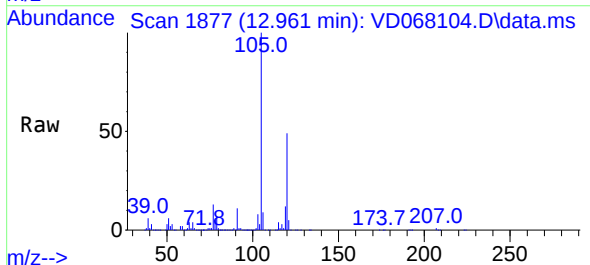
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

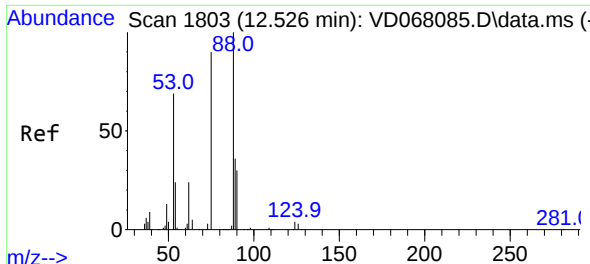
Tgt Ion: 91 Resp: 953081  
Ion Ratio Lower Upper  
91 100  
126 33.4 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 51.00 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 105 Resp: 1192567  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.2 72.6

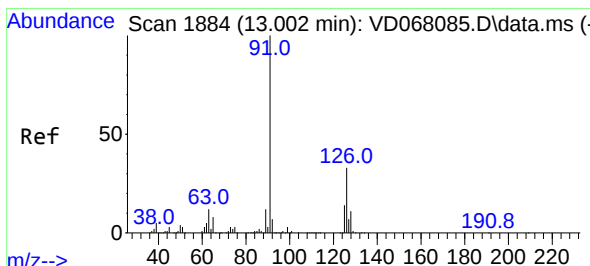
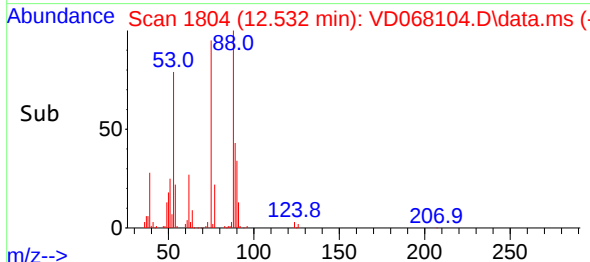
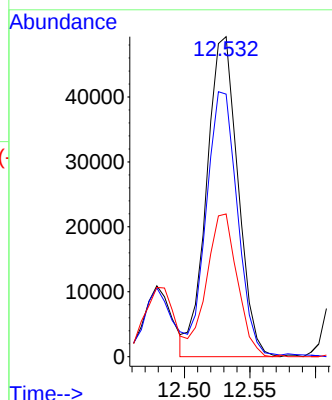
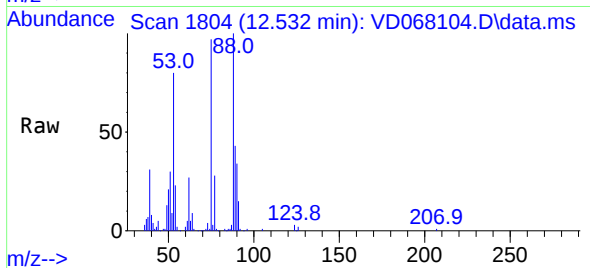




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.73 ug/l  
RT: 12.532 min Scan# 1804  
Delta R.T. 0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

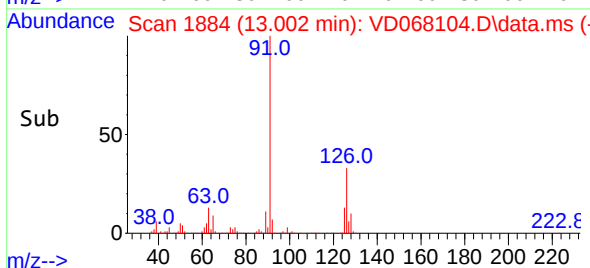
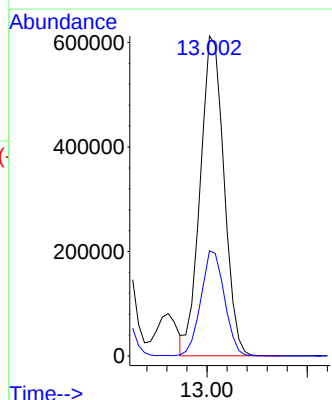
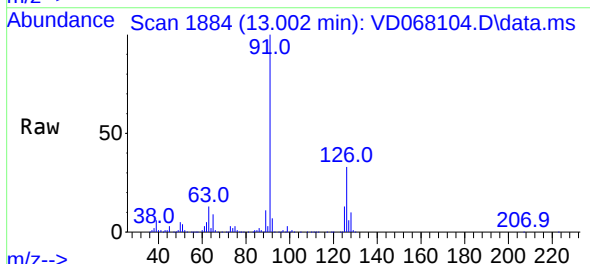
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

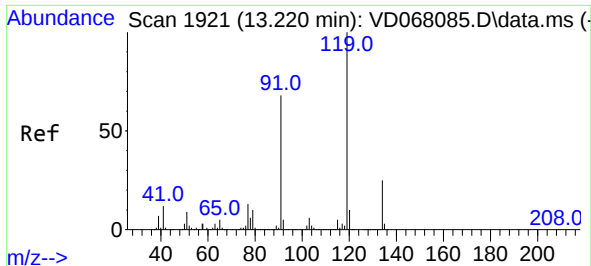
Tgt Ion: 75 Resp: 81786  
Ion Ratio Lower Upper  
75 100  
53 81.1 70.2 105.2  
89 43.4 40.3 60.5



#82  
4-Chlorotoluene  
Concen: 52.04 ug/l  
RT: 13.002 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

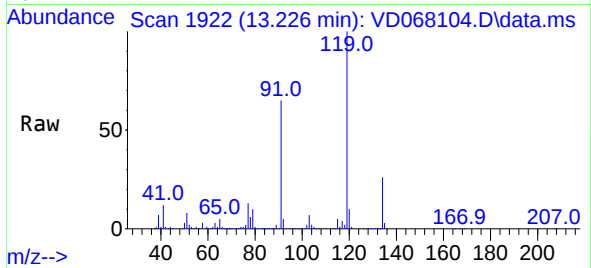
Tgt Ion: 91 Resp: 1009223  
Ion Ratio Lower Upper  
91 100  
126 32.7 17.7 53.1



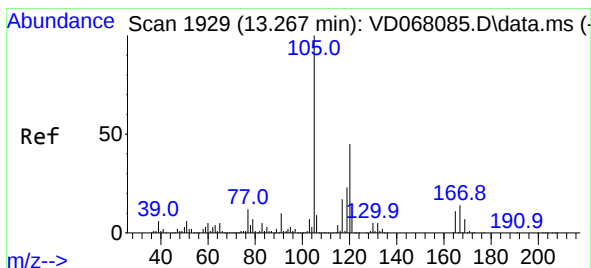
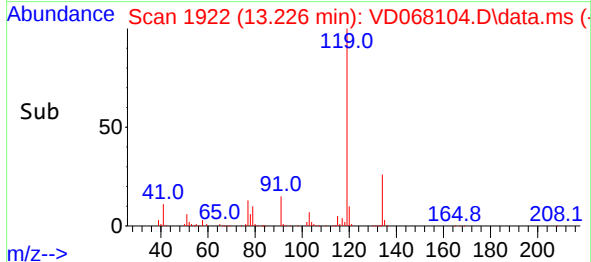
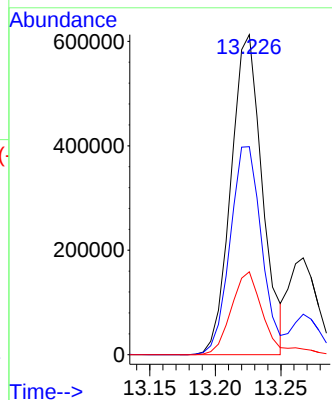


#83  
tert-Butylbenzene  
Concen: 51.46 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

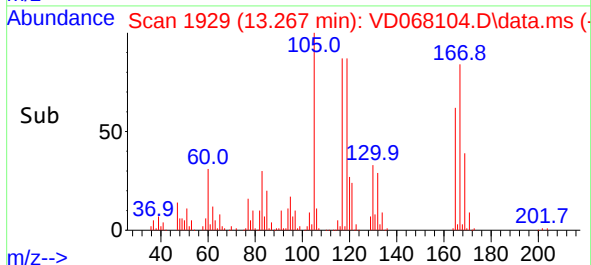
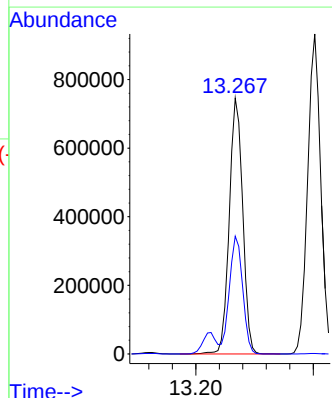
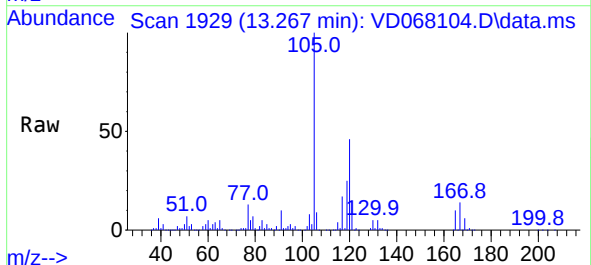


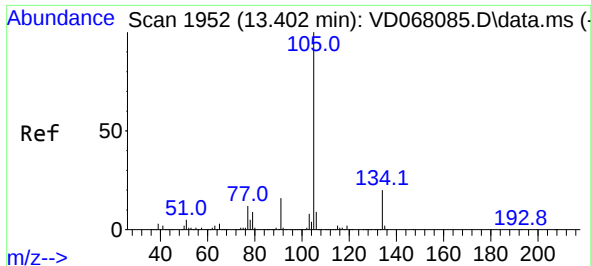
Tgt Ion:119 Resp: 1019691  
Ion Ratio Lower Upper  
119 100  
91 65.3 31.1 93.5  
134 26.8 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 50.84 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:105 Resp: 1179965  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.4 67.0

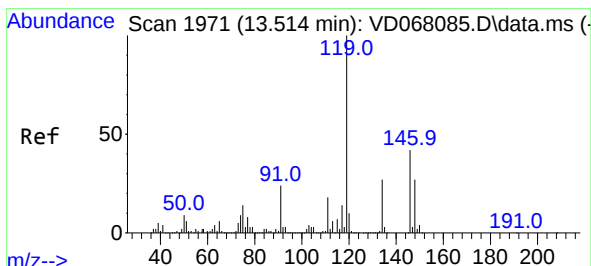
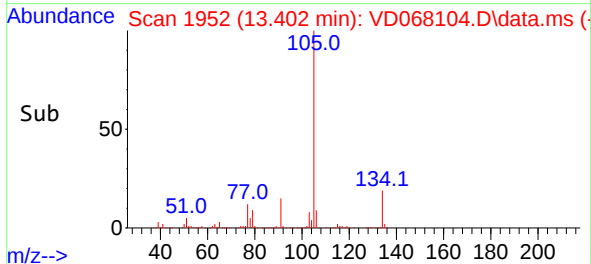
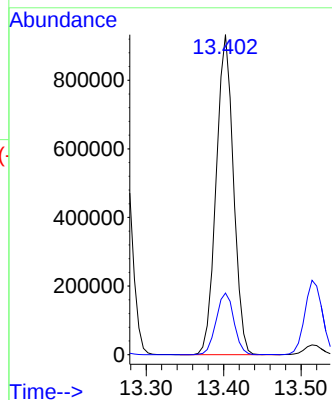
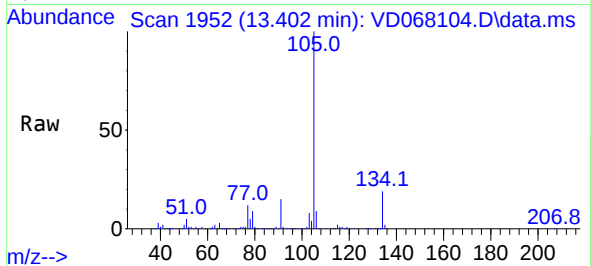




#85  
sec-Butylbenzene  
Concen: 51.97 ug/l  
RT: 13.402 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

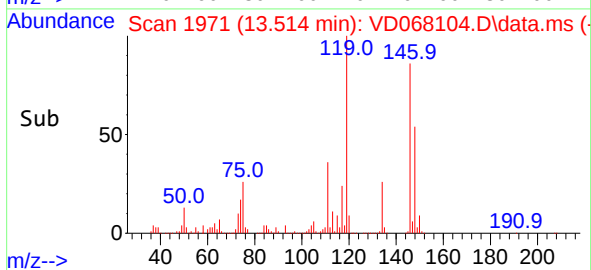
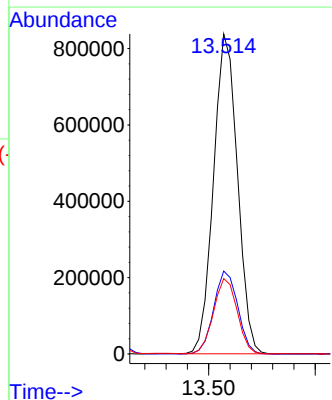
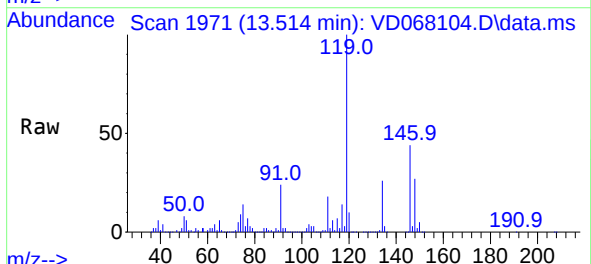
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

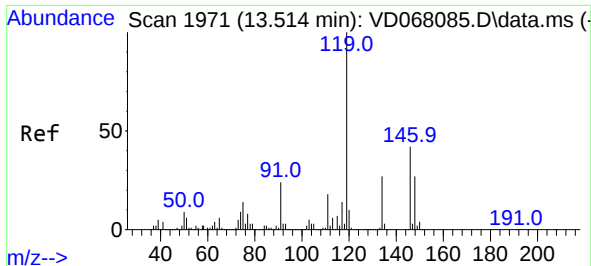
Tgt Ion:105 Resp: 1440417  
Ion Ratio Lower Upper  
105 100  
134 19.9 10.3 30.9



#86  
p-Isopropyltoluene  
Concen: 51.77 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:119 Resp: 1305074  
Ion Ratio Lower Upper  
119 100  
134 26.0 12.9 38.7  
91 23.3 11.7 35.0

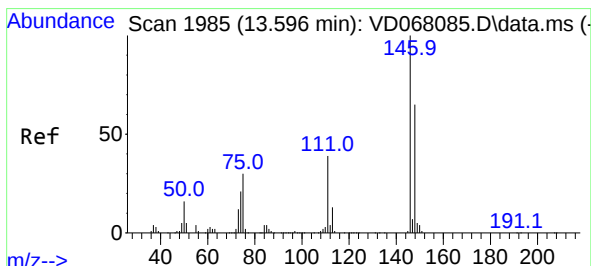
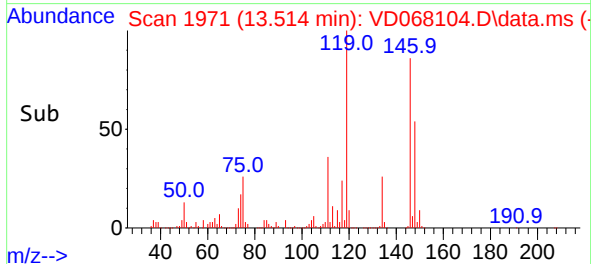
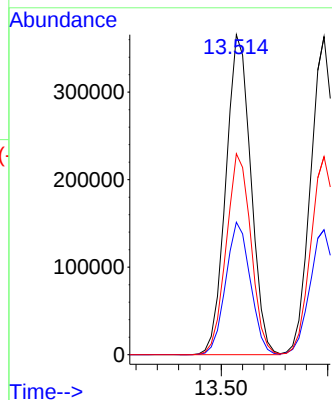
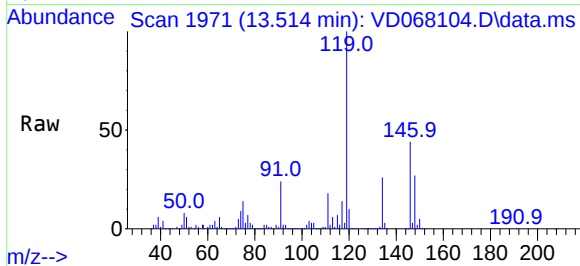




#87  
1,3-Dichlorobenzene  
Concen: 51.42 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

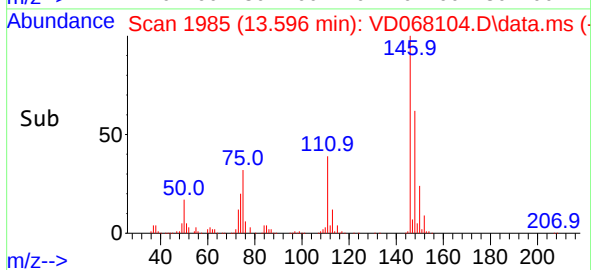
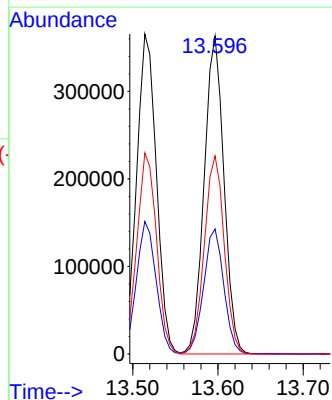
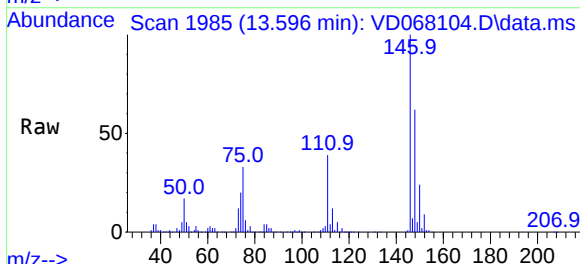
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

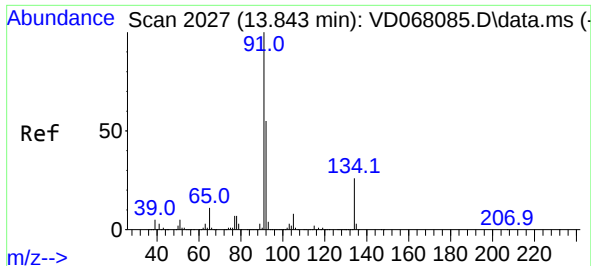
Tgt Ion:146 Resp: 595154  
Ion Ratio Lower Upper  
146 100  
111 41.0 19.5 58.5  
148 62.4 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 51.40 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:146 Resp: 586106  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.1 57.1  
148 63.0 31.9 95.7

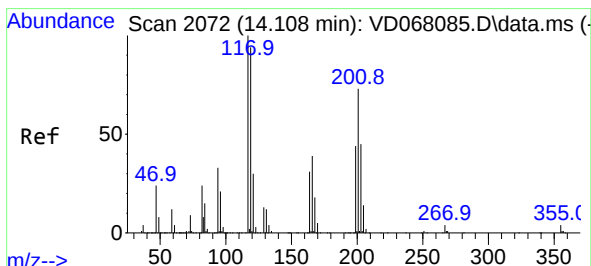
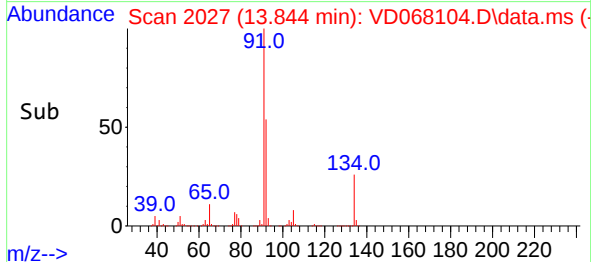
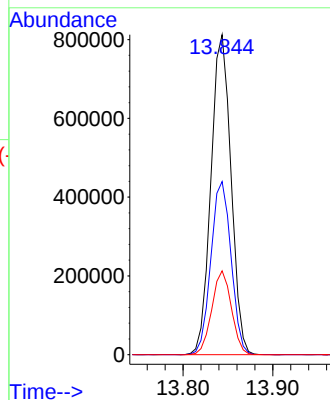
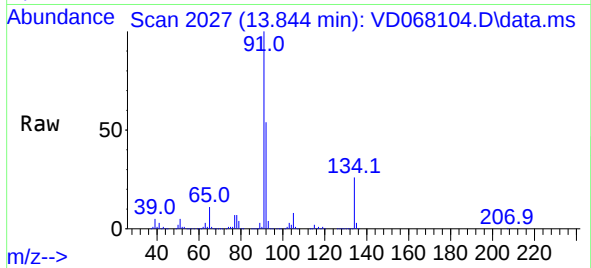




#89  
n-Butylbenzene  
Concen: 52.09 ug/l  
RT: 13.844 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

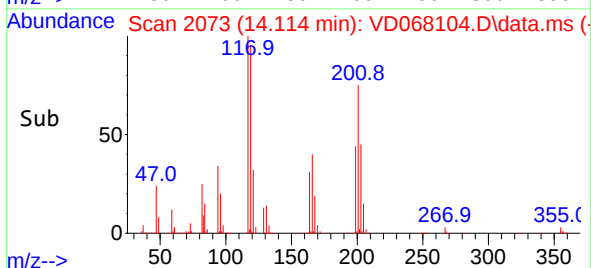
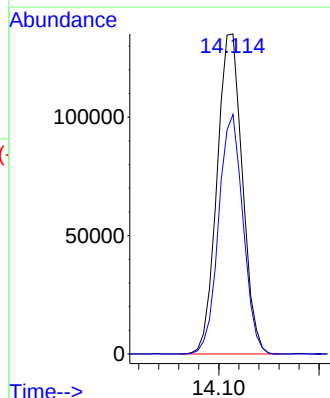
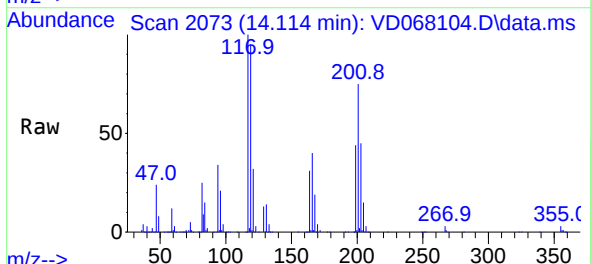
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

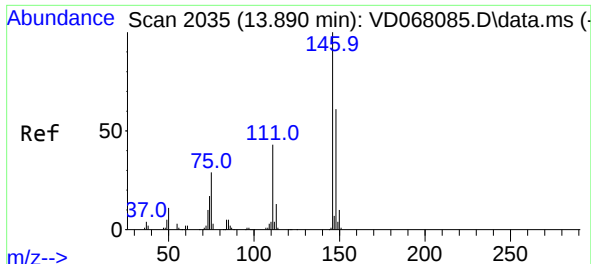
Tgt Ion: 91 Resp: 1260021  
Ion Ratio Lower Upper  
91 100  
92 54.5 27.2 81.6  
134 25.6 13.9 41.7



#90  
Hexachloroethane  
Concen: 52.13 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 117 Resp: 237385  
Ion Ratio Lower Upper  
117 100  
201 71.9 39.5 118.5

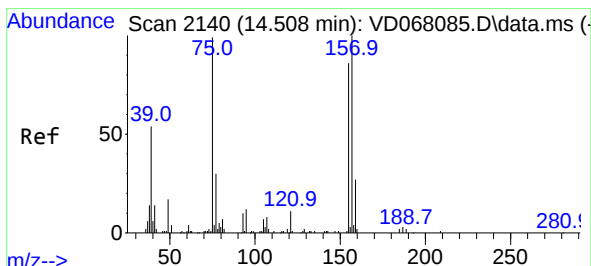
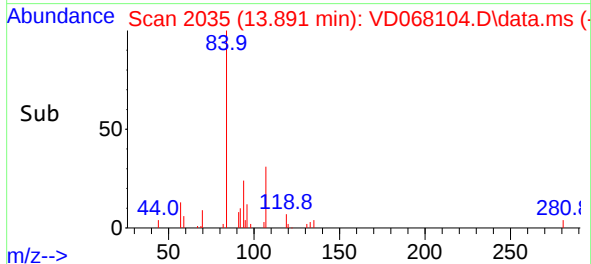
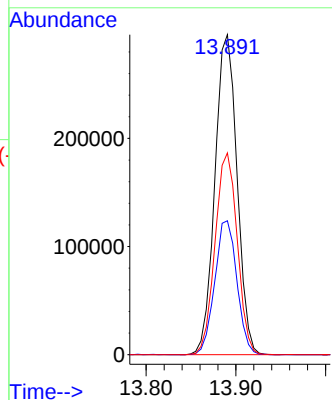
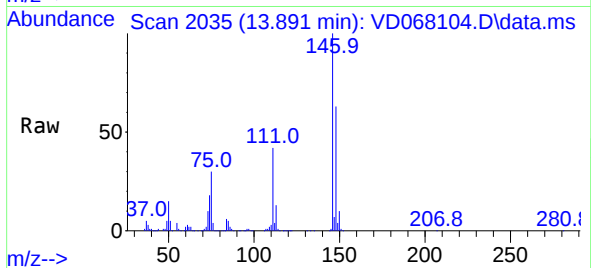




#91  
1,2-Dichlorobenzene  
Concen: 51.11 ug/l  
RT: 13.891 min Scan# 2035  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

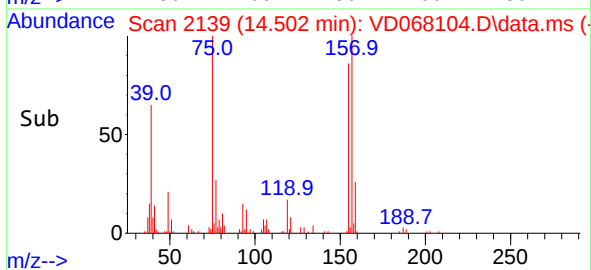
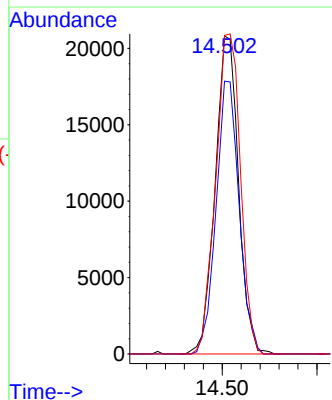
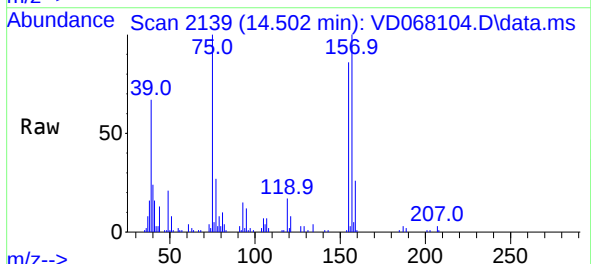
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

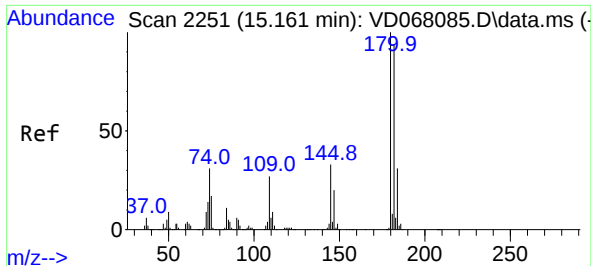
Tgt Ion:146 Resp: 506587  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.3 60.9  
148 63.2 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.76 ug/l  
RT: 14.502 min Scan# 2139  
Delta R.T. -0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion: 75 Resp: 35635  
Ion Ratio Lower Upper  
75 100  
155 84.9 48.0 144.2  
157 106.8 65.0 194.8

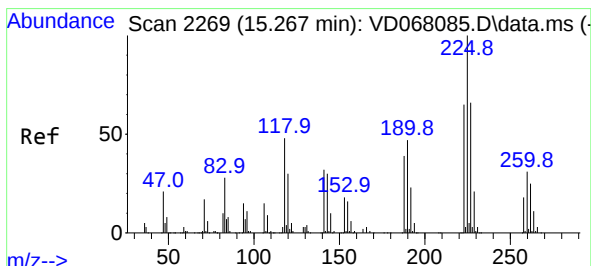
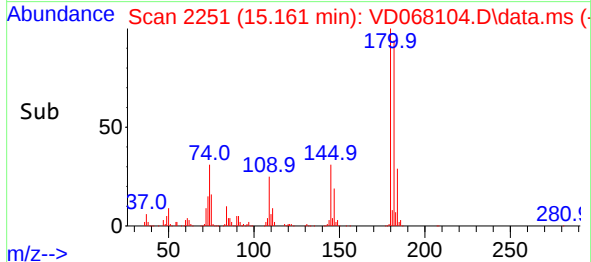
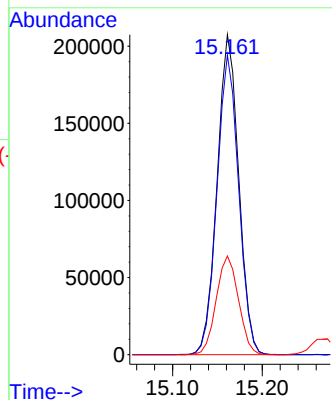
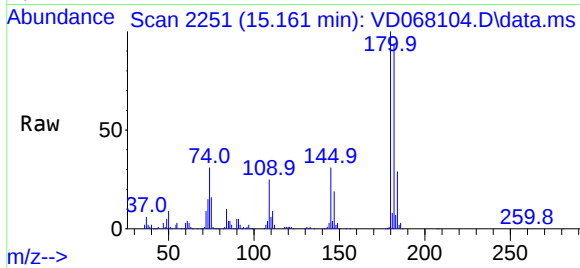




#93  
1,2,4-Trichlorobenzene  
Concen: 51.07 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

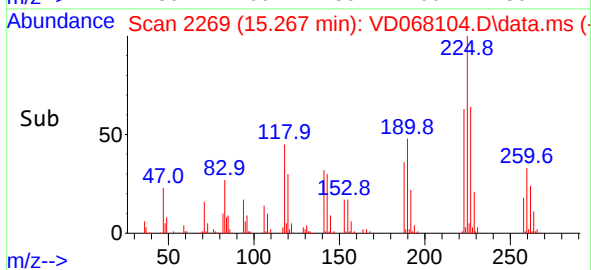
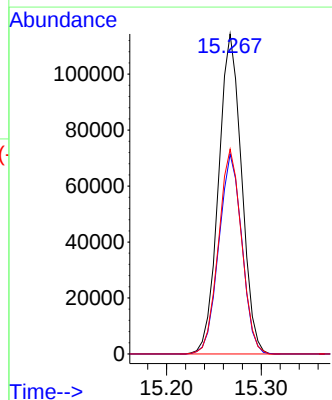
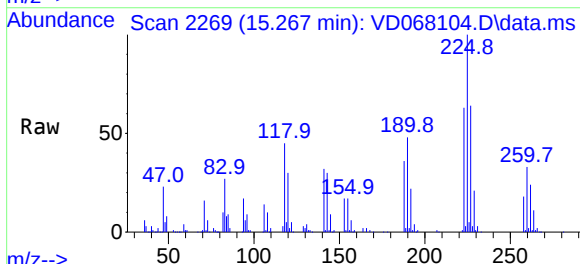
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

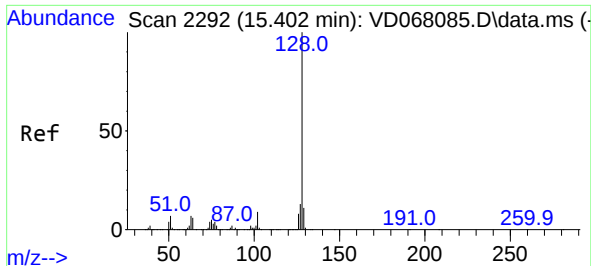
Tgt Ion:180 Resp: 347062  
Ion Ratio Lower Upper  
180 100  
182 94.0 46.8 140.4  
145 31.7 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 51.41 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:225 Resp: 193685  
Ion Ratio Lower Upper  
225 100  
223 62.2 31.9 95.5  
227 64.0 32.1 96.5

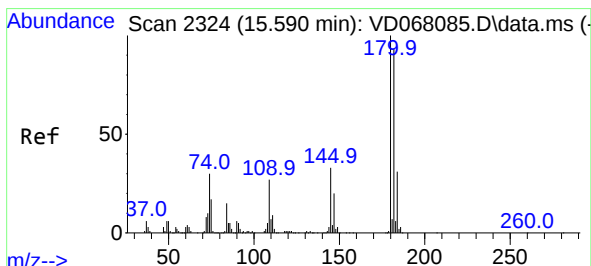
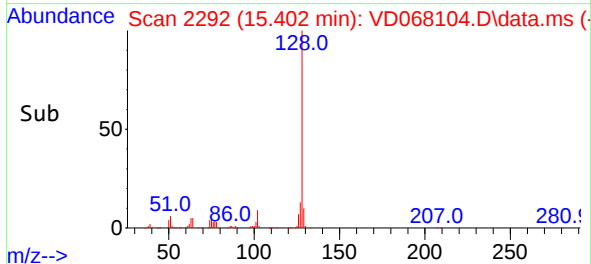
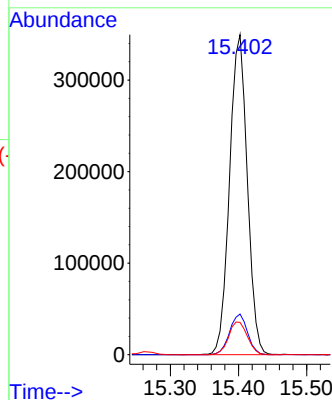
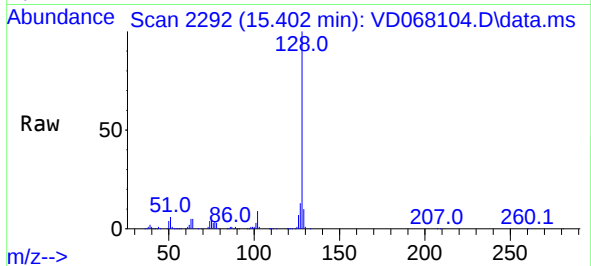




#95  
Naphthalene  
Concen: 49.66 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. 0.000 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 632670  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.9 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 49.88 ug/l  
RT: 15.596 min Scan# 2325  
Delta R.T. 0.006 min  
Lab File: VD068104.D  
Acq: 20 Jan 2021 11:00

Tgt Ion:180 Resp: 285894  
Ion Ratio Lower Upper  
180 100  
182 95.6 48.3 144.8  
145 33.4 16.7 50.1

