

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052423\  
 Data File : VD076207.D  
 Acq On : 24 May 2023 11:01  
 Operator : KP/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 24 16:23:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 10:08:53 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 211480   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 356869   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 326824   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.522 | 152   | 173322   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 90121    | 44.093   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 88.180%  |
| 35) Dibromofluoromethane     | 7.805  | 113   | 109598   | 44.430   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 88.860%  |
| 50) Toluene-d8               | 10.269 | 98    | 428133   | 44.523   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 89.040%  |
| 62) 4-Bromofluorobenzene     | 12.575 | 95    | 120724   | 45.195   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 90.380%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.928  | 85    | 87321    | 45.782   | ug/l   | 98       |
| 3) Chloromethane             | 2.146  | 50    | 154258   | 49.172   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.281  | 62    | 204643   | 49.750   | ug/l   | 99       |
| 5) Bromomethane              | 2.687  | 94    | 133632   | 48.254   | ug/l   | 97       |
| 6) Chloroethane              | 2.834  | 64    | 144538   | 52.229   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.170  | 101   | 162389   | 46.576   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.593  | 74    | 56839    | 49.573   | ug/l   | 72       |
| 9) 1,1,2-Trichlorotrifluo... | 3.964  | 101   | 111567   | 48.580   | ug/l   | 93       |
| 10) Methyl Iodide            | 4.158  | 142   | 128379   | 53.763   | ug/l   | 89       |
| 11) Tert butyl alcohol       | 5.058  | 59    | 27879    | 257.856  | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 3.934  | 96    | 109717   | 48.002   | ug/l   | 89       |
| 13) Acrolein                 | 3.799  | 56    | 52901    | 199.919  | ug/l   | 98       |
| 14) Allyl chloride           | 4.564  | 41    | 106149   | 45.760   | ug/l # | 82       |
| 15) Acrylonitrile            | 5.258  | 53    | 121536   | 256.007  | ug/l   | 98       |
| 16) Acetone                  | 4.017  | 43    | 112662   | 277.043  | ug/l # | 71       |
| 17) Carbon Disulfide         | 4.270  | 76    | 284602   | 45.768   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.564  | 43    | 74906    | 51.637   | ug/l # | 78       |
| 19) Methyl tert-butyl Ether  | 5.317  | 73    | 231620   | 51.774   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.799  | 84    | 143501   | 43.186   | ug/l # | 78       |
| 21) trans-1,2-Dichloroethene | 5.311  | 96    | 124345   | 47.203   | ug/l   | 82       |
| 22) Diisopropyl ether        | 6.216  | 45    | 280759   | 52.144   | ug/l # | 89       |
| 23) Vinyl Acetate            | 6.152  | 43    | 563149   | 266.002  | ug/l # | 91       |
| 24) 1,1-Dichloroethane       | 6.105  | 63    | 209937   | 49.439   | ug/l   | 99       |
| 25) 2-Butanone               | 7.081  | 43    | 136915   | 267.768  | ug/l # | 74       |
| 26) 2,2-Dichloropropane      | 7.075  | 77    | 173188   | 50.018   | ug/l   | 90       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 146042   | 49.959   | ug/l   | 84       |
| 28) Bromochloromethane       | 7.428  | 49    | 67240    | 47.489   | ug/l # | 62       |
| 29) Tetrahydrofuran          | 7.440  | 42    | 78675    | 263.985  | ug/l # | 67       |
| 30) Chloroform               | 7.599  | 83    | 223427   | 49.202   | ug/l   | 95       |
| 31) Cyclohexane              | 7.875  | 56    | 151763   | 48.482   | ug/l   | 85       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 176897   | 48.882   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 158364   | 47.536   | ug/l   | 94       |
| 37) Ethyl Acetate            | 7.164  | 43    | 57439    | 49.790   | ug/l # | 84       |
| 38) Carbon Tetrachloride     | 7.993  | 117   | 144436   | 47.998   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.269  | 83    | 179949   | 46.916   | ug/l   | 94       |
| 40) Benzene                  | 8.252  | 78    | 499853   | 46.668   | ug/l   | 98       |

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

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 24 16:23:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 10:08:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 29327    | 46.363   | ug/l # | 68       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 116115   | 45.834   | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 103509   | 48.032   | ug/l # | 83       |
| 44) Trichloroethene           | 9.028  | 130  | 136224   | 45.129   | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 123281   | 46.664   | ug/l   | 92       |
| 46) Dibromomethane            | 9.393  | 93   | 68516    | 46.268   | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.587  | 83   | 166244   | 46.710   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.381  | 41   | 47703    | 50.015   | ug/l # | 61       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 16867    | 1065.124 | ug/l # | 75       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 290285   | 253.274  | ug/l # | 82       |
| 52) Toluene                   | 10.334 | 92   | 320685   | 47.938   | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 151555   | 47.248   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 191116   | 48.821   | ug/l # | 76       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 101478   | 47.786   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 105338   | 49.350   | ug/l # | 69       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 160419   | 48.150   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 248985   | 243.114  | ug/l   | 92       |
| 59) 2-Hexanone                | 10.922 | 43   | 215574   | 266.706  | ug/l   | 76       |
| 60) Dibromochloromethane      | 11.075 | 129  | 115502   | 48.372   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 90259    | 47.780   | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.810 | 164  | 109590   | 43.606   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.610 | 112  | 352381   | 47.360   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 123210   | 48.119   | ug/l   | 95       |
| 67) Ethyl Benzene             | 11.687 | 91   | 591348   | 49.739   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.793 | 106  | 491333   | 101.116  | ug/l   | 89       |
| 69) o-Xylene                  | 12.122 | 106  | 224862   | 50.716   | ug/l   | 92       |
| 70) Styrene                   | 12.134 | 104  | 395951   | 51.509   | ug/l   | 94       |
| 71) Bromoform                 | 12.299 | 173  | 66787    | 46.372   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 572605   | 49.942   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.234 | 43   | 95296    | 46.663   | ug/l # | 76       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 115781   | 46.985   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 132511   | 87.367   | ug/l # | 100      |
| 77) Bromobenzene              | 12.704 | 156  | 138735   | 45.145   | ug/l   | 91       |
| 78) n-propylbenzene           | 12.763 | 91   | 701959   | 49.187   | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 379214   | 48.011   | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 469082   | 49.352   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 33818    | 46.775   | ug/l # | 72       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 390439   | 46.473   | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 397351   | 49.467   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 469187   | 49.567   | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.346 | 105  | 622506   | 49.726   | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 511825   | 49.967   | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 291852   | 46.972   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 290230   | 47.174   | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.787 | 91   | 478222   | 49.541   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.057 | 117  | 98448    | 46.724   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 250872   | 46.009   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 14627    | 45.715   | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 141718   | 44.682   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 68313    | 42.243   | ug/l   | 98       |
| 95) Naphthalene               | 15.334 | 128  | 283996   | 48.190   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.528 | 180  | 129435   | 44.872   | ug/l   | 98       |

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

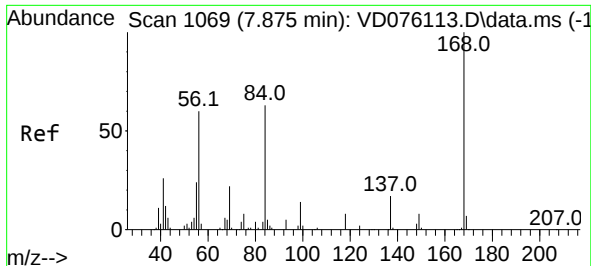
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: May 24 16:23:50 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 10:08:53 2023  
Response via : Initial Calibration

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

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

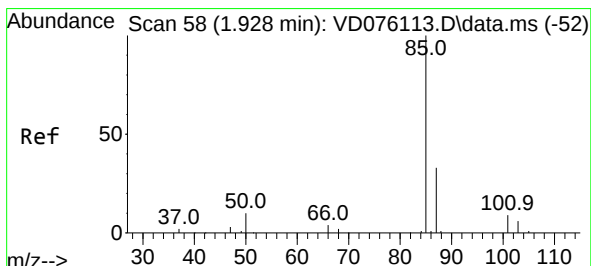
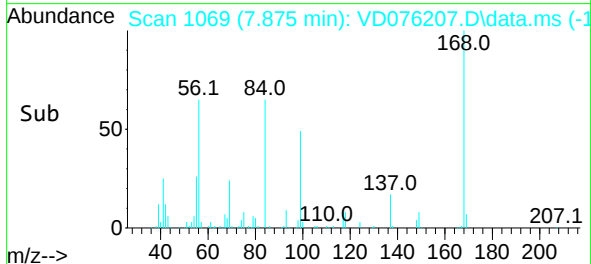
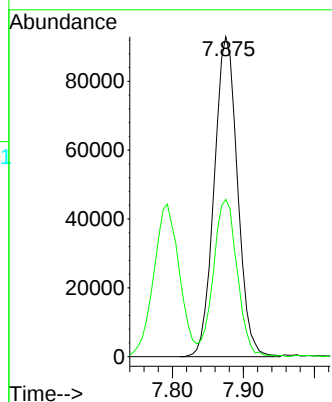
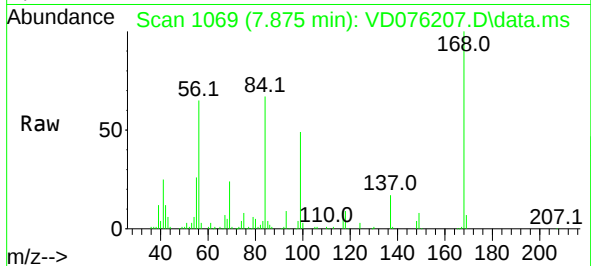




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

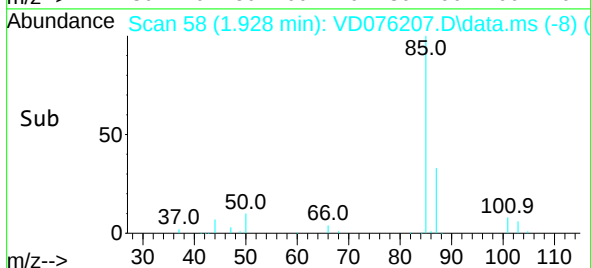
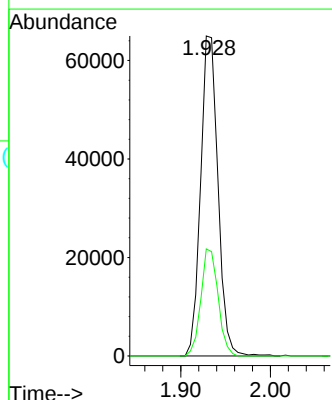
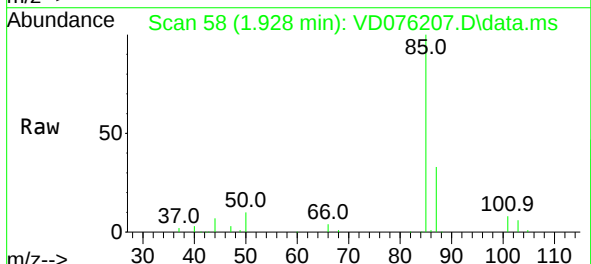
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

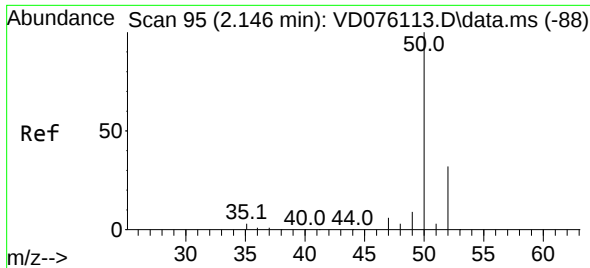
Tgt Ion:168 Resp: 211480  
Ion Ratio Lower Upper  
168 100  
99 48.8 43.8 65.6



#2  
Dichlorodifluoromethane  
Concen: 45.782 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. -0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 85 Resp: 87321  
Ion Ratio Lower Upper  
85 100  
87 33.4 17.3 51.7

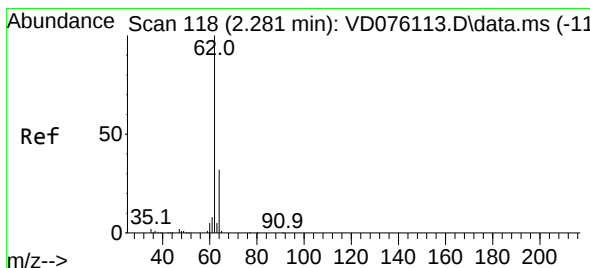
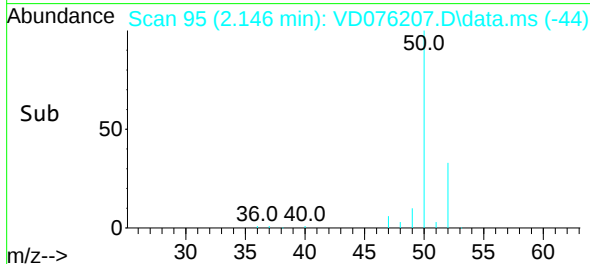
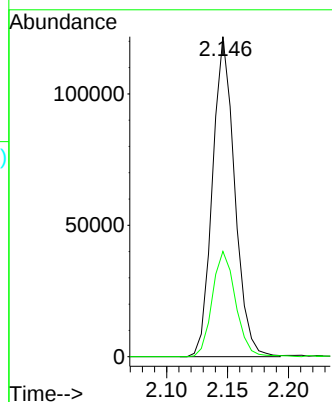
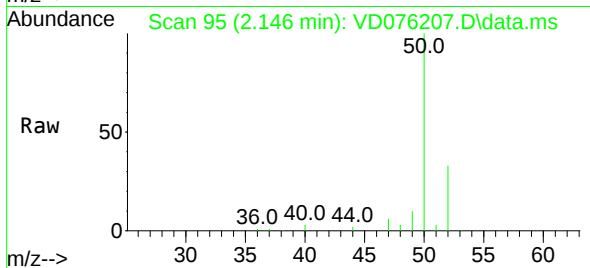




#3  
Chloromethane  
Concen: 49.172 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

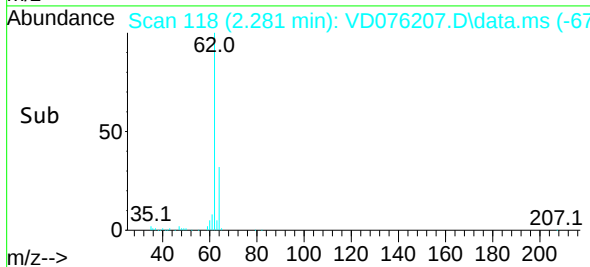
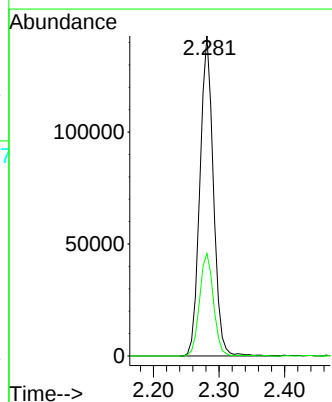
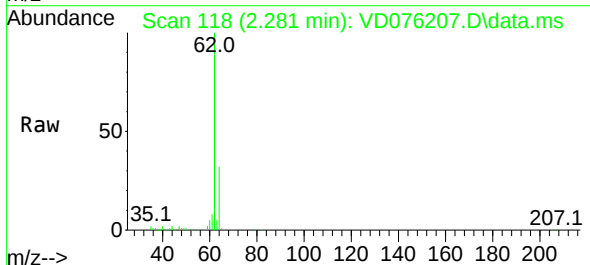
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

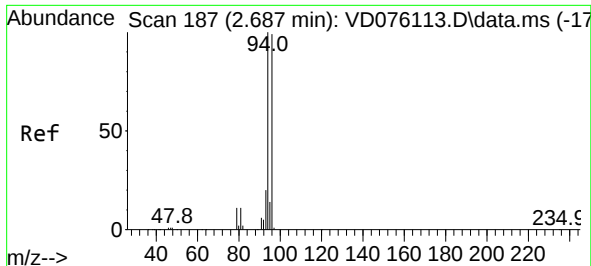
Tgt Ion: 50 Resp: 154258  
Ion Ratio Lower Upper  
50 100  
52 32.9 27.8 41.8



#4  
Vinyl Chloride  
Concen: 49.750 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 62 Resp: 204643  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.4 38.0

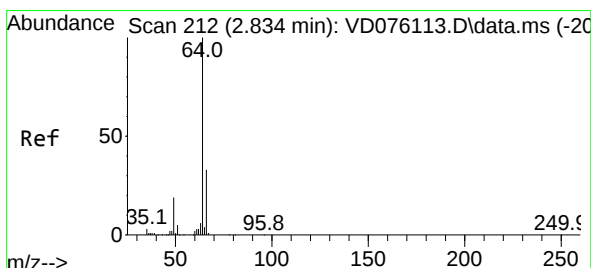
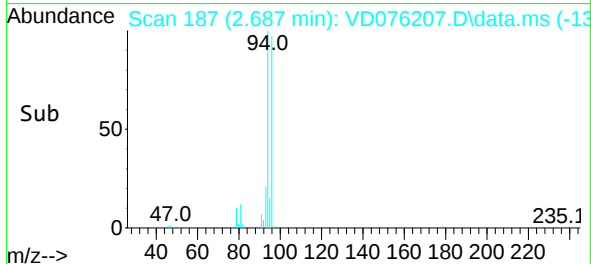
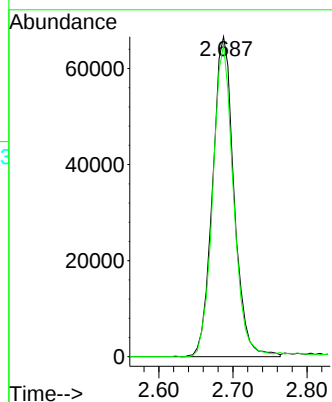
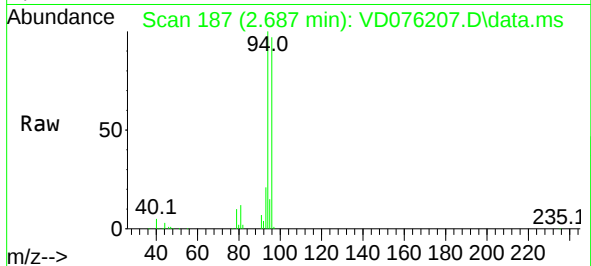




#5  
Bromomethane  
Concen: 48.254 ug/l  
RT: 2.687 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

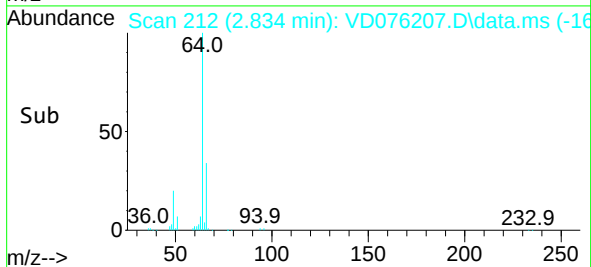
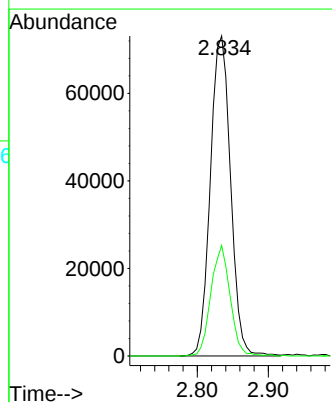
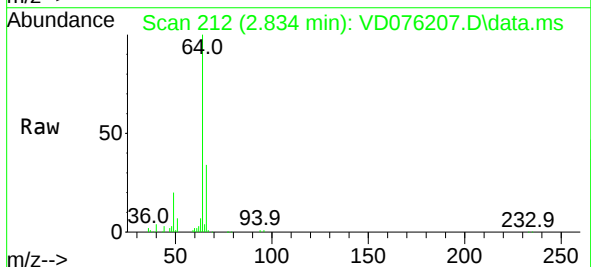
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

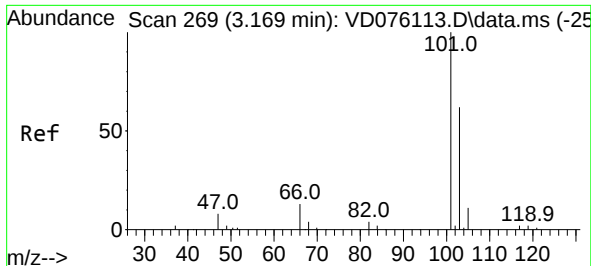
Tgt Ion: 94 Resp: 133632  
Ion Ratio Lower Upper  
94 100  
96 94.0 77.5 116.3



#6  
Chloroethane  
Concen: 52.229 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 64 Resp: 144538  
Ion Ratio Lower Upper  
64 100  
66 34.5 27.7 41.5

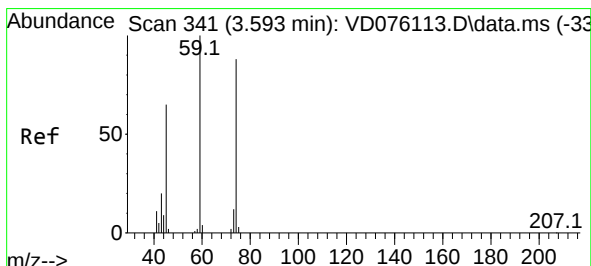
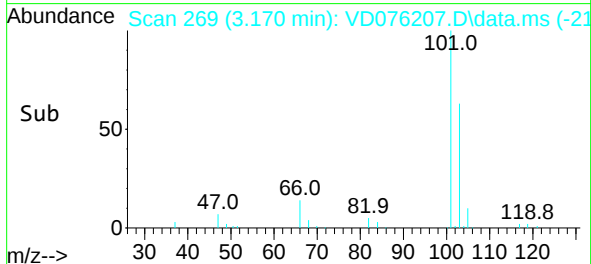
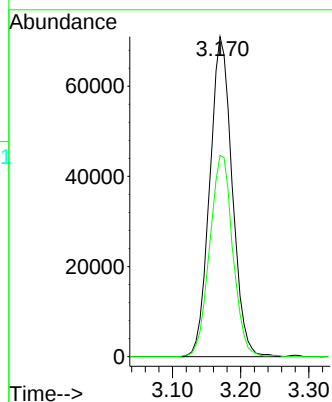
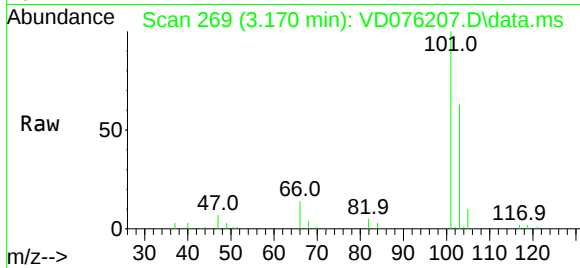




#7  
Trichlorofluoromethane  
Concen: 46.576 ug/l  
RT: 3.170 min Scan# 201  
Delta R.T. 0.001 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

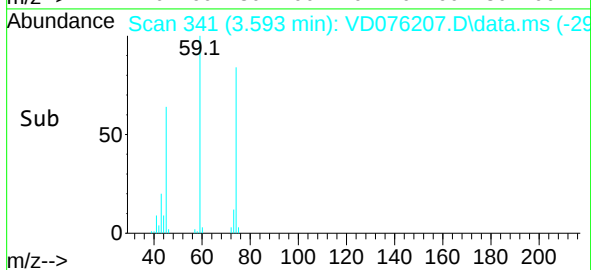
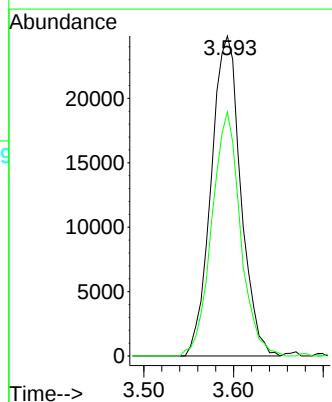
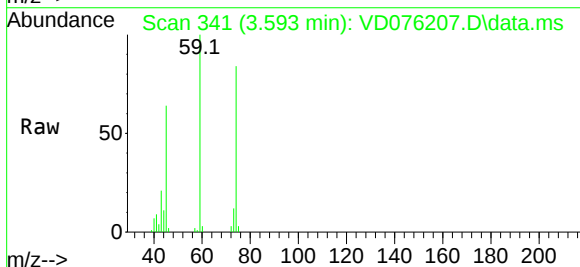
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

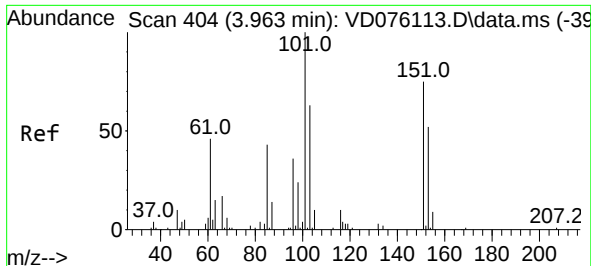
Tgt Ion:101 Resp: 162389  
Ion Ratio Lower Upper  
101 100  
103 62.9 51.9 77.9



#8  
Diethyl Ether  
Concen: 49.573 ug/l  
RT: 3.593 min Scan# 341  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 74 Resp: 56839  
Ion Ratio Lower Upper  
74 100  
45 73.7 50.9 152.7

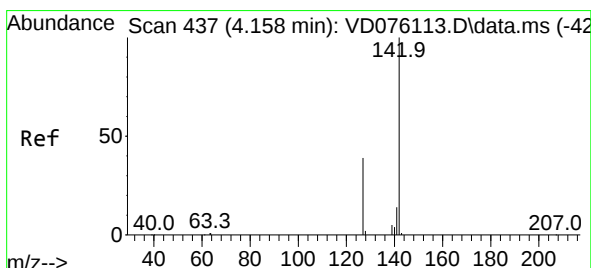
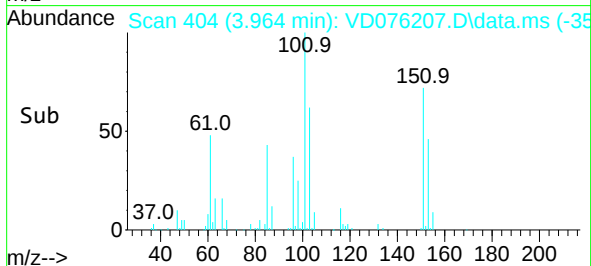
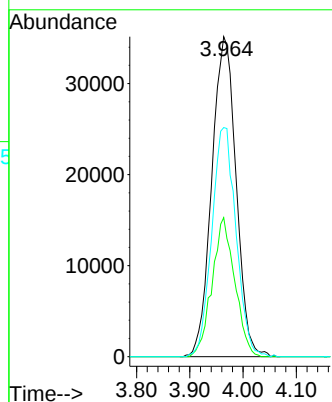
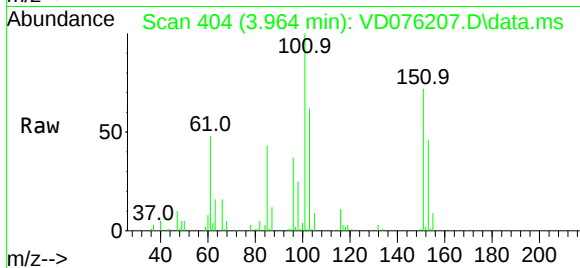




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.580 ug/l  
RT: 3.964 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

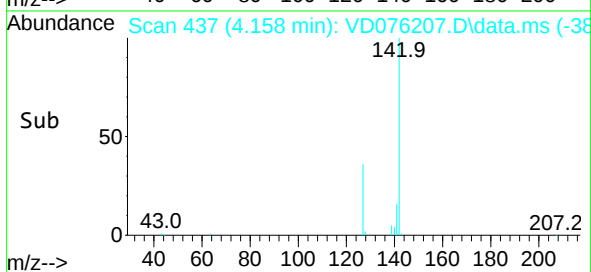
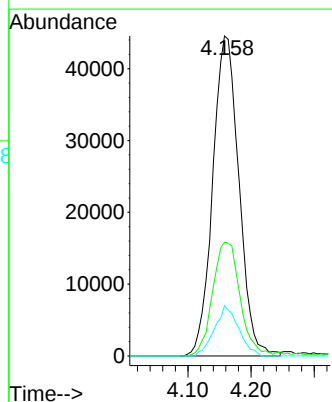
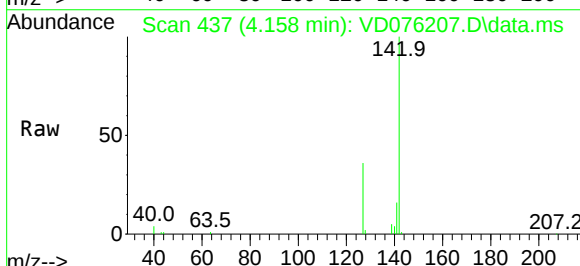
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

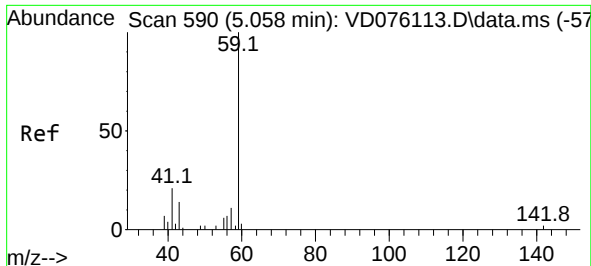
Tgt Ion:101 Resp: 111567  
Ion Ratio Lower Upper  
101 100  
85 40.5 38.3 57.5  
151 71.3 60.4 90.6



#10  
Methyl Iodide  
Concen: 53.763 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:142 Resp: 128379  
Ion Ratio Lower Upper  
142 100  
127 37.2 37.1 55.7  
141 14.5 11.3 16.9

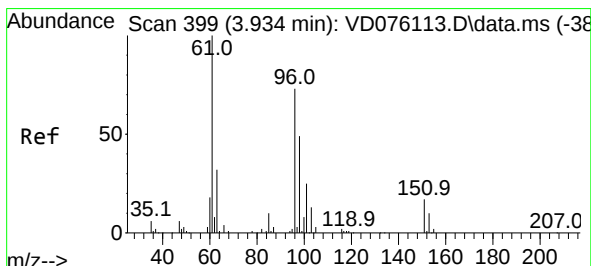
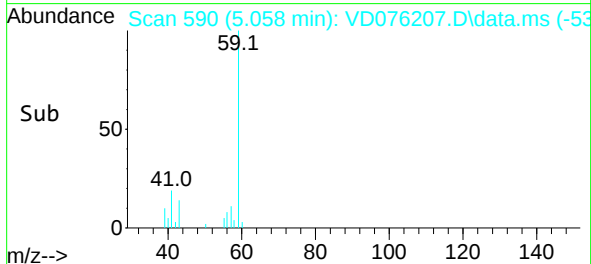
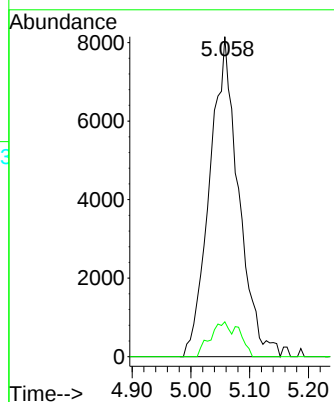
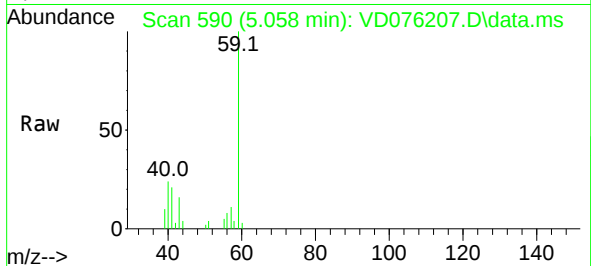




#11  
Tert butyl alcohol  
Concen: 257.856 ug/l  
RT: 5.058 min Scan# 590  
Delta R.T. 0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

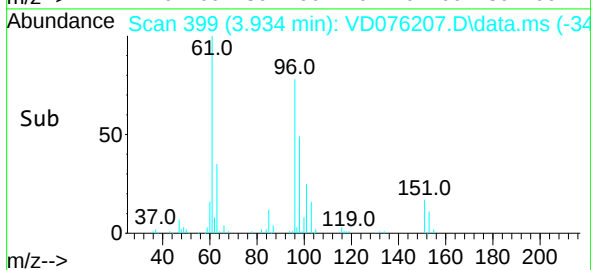
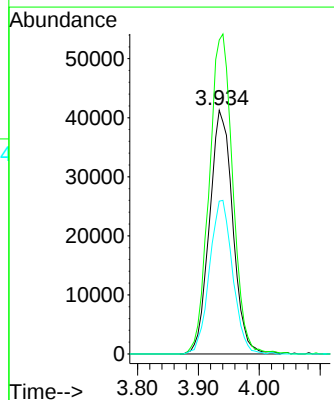
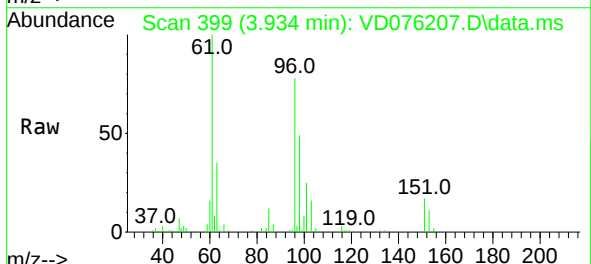
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

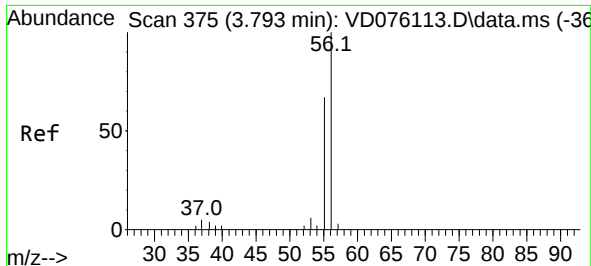
Tgt Ion: 59 Resp: 27879  
Ion Ratio Lower Upper  
59 100  
57 7.5 0.0 0.0#



#12  
1,1-Dichloroethene  
Concen: 48.002 ug/l  
RT: 3.934 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 96 Resp: 109717  
Ion Ratio Lower Upper  
96 100  
61 128.8 118.6 177.8  
98 62.7 49.7 74.5

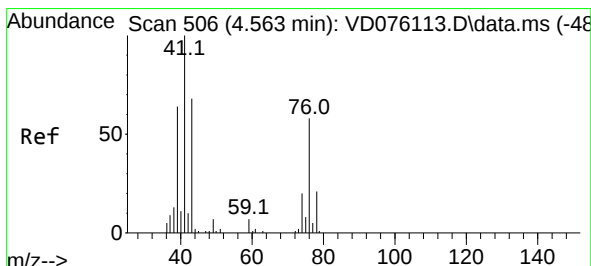
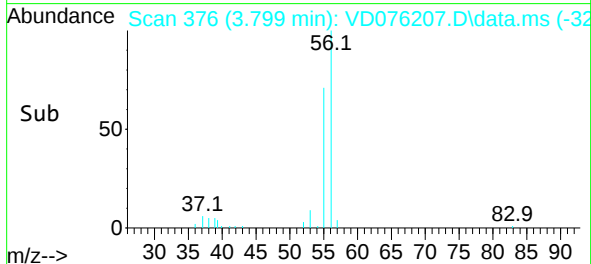
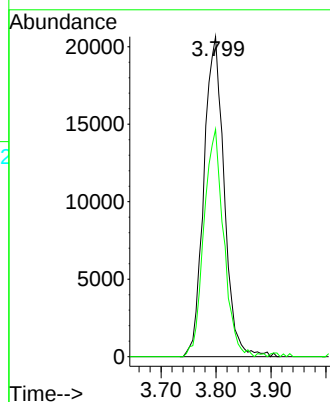
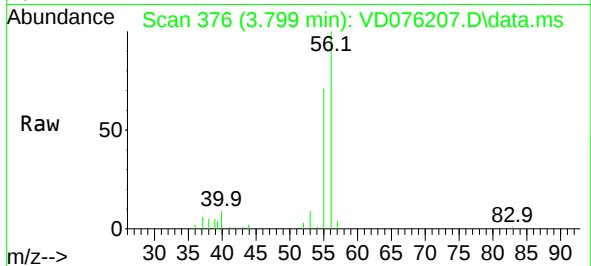




#13  
Acrolein  
Concen: 199.919 ug/l  
RT: 3.799 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

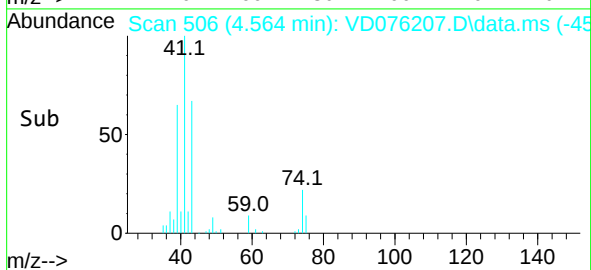
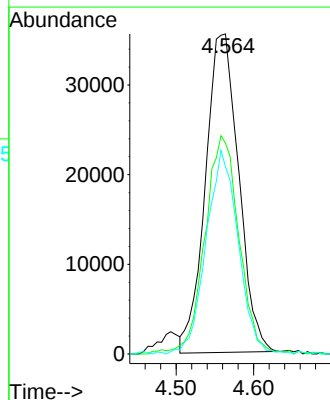
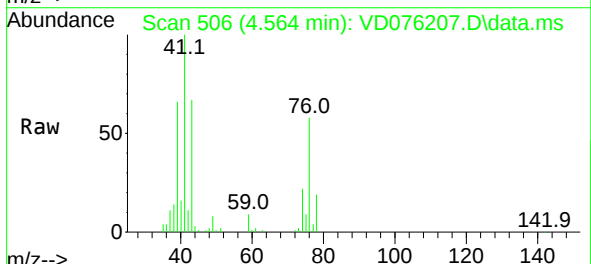
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

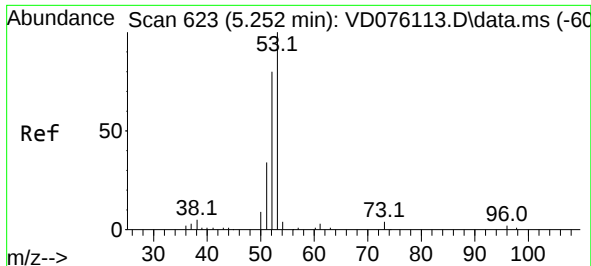
Tgt Ion: 56 Resp: 52901  
Ion Ratio Lower Upper  
56 100  
55 69.3 53.9 80.9



#14  
Allyl chloride  
Concen: 45.760 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. 0.001 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 41 Resp: 106149  
Ion Ratio Lower Upper  
41 100  
39 70.2 60.6 90.8  
76 61.5 28.6 43.0#

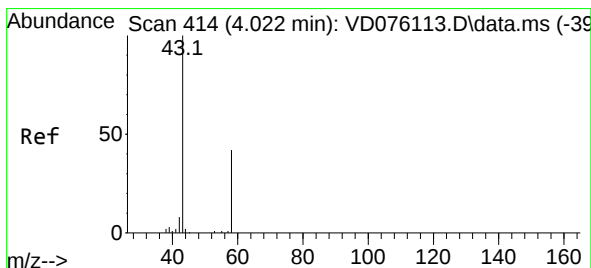
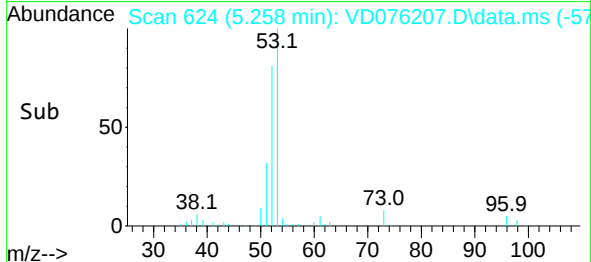
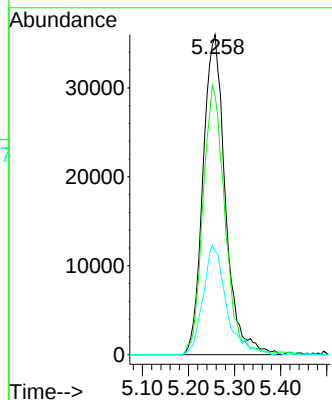
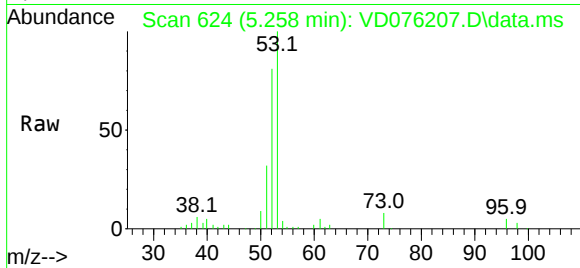




#15  
Acrylonitrile  
Concen: 256.007 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

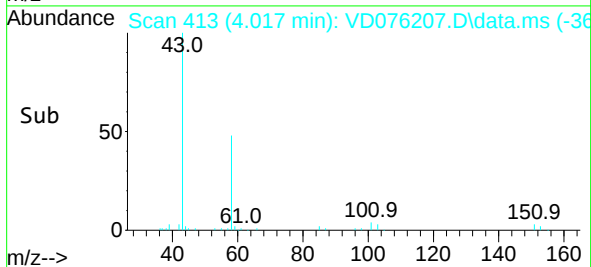
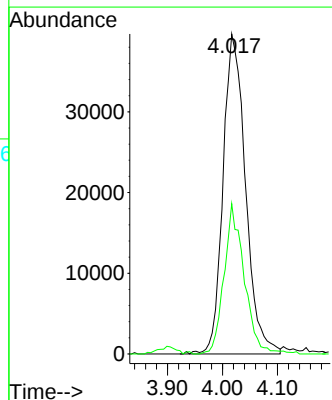
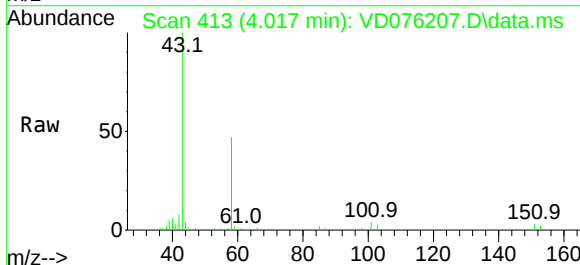
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

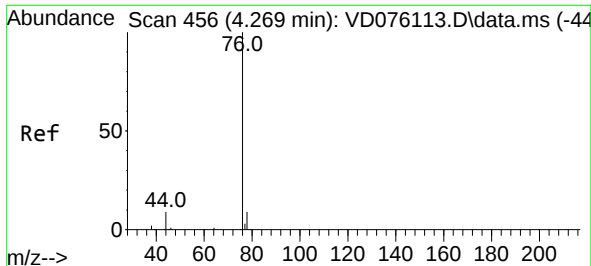
Tgt Ion: 53 Resp: 121536  
Ion Ratio Lower Upper  
53 100  
52 82.5 66.2 99.4  
51 35.6 30.7 46.1



#16  
Acetone  
Concen: 277.043 ug/l  
RT: 4.017 min Scan# 413  
Delta R.T. -0.005 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 43 Resp: 112662  
Ion Ratio Lower Upper  
43 100  
58 46.1 24.4 36.6#

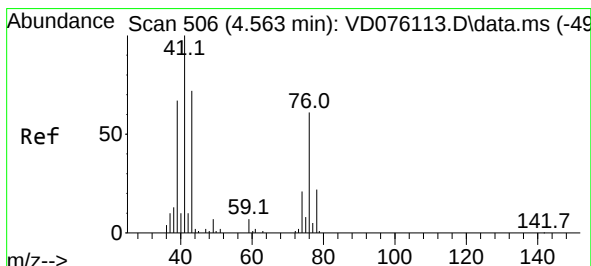
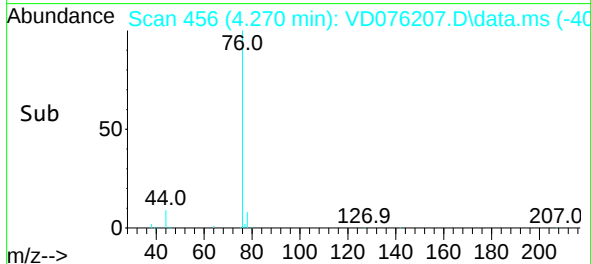
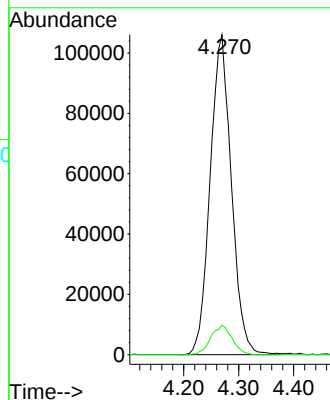
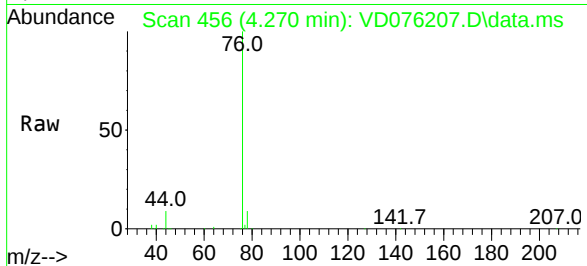




#17  
Carbon Disulfide  
Concen: 45.768 ug/l  
RT: 4.270 min Scan# 41  
Delta R.T. 0.001 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

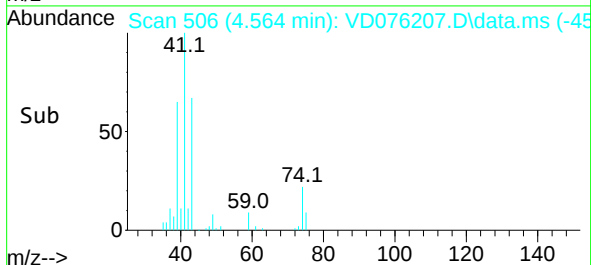
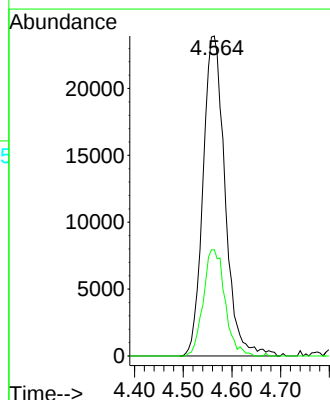
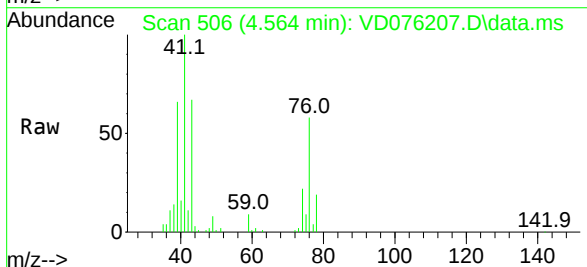
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

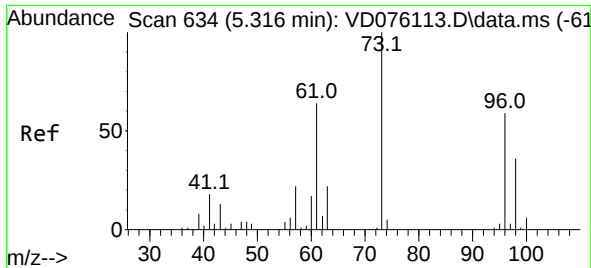
Tgt Ion: 76 Resp: 284602  
Ion Ratio Lower Upper  
76 100  
78 9.3 8.0 12.0



#18  
Methyl Acetate  
Concen: 51.637 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. 0.001 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 43 Resp: 74906  
Ion Ratio Lower Upper  
43 100  
74 32.6 17.8 26.6#

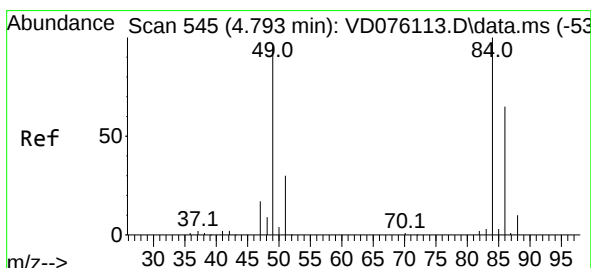
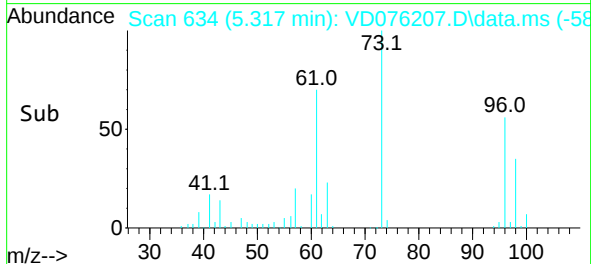
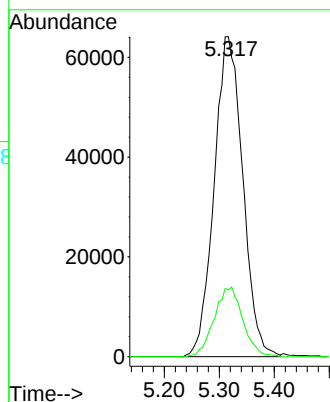
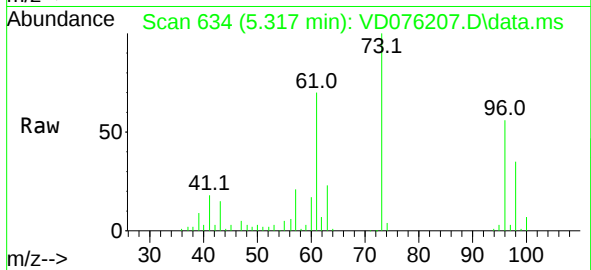




#19  
Methyl tert-butyl Ether  
Concen: 51.774 ug/l  
RT: 5.317 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

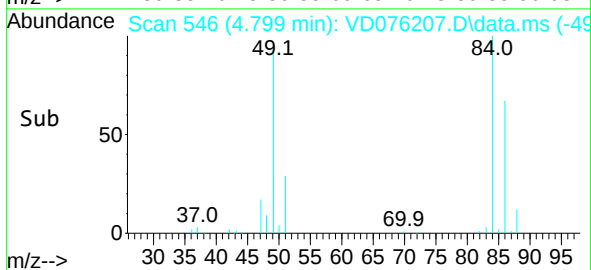
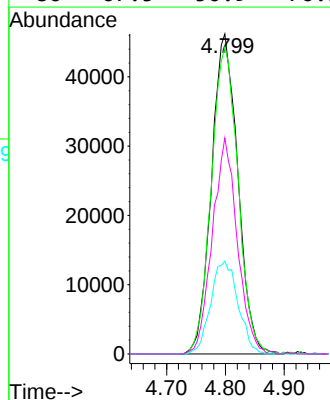
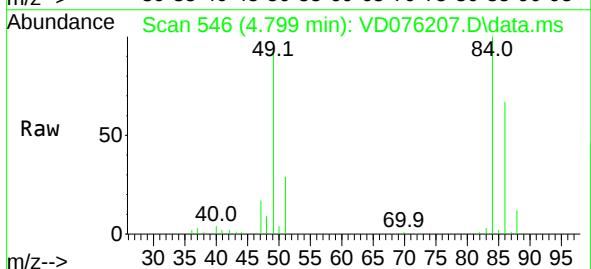
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ClientSampleId :  
VSTDCCC050

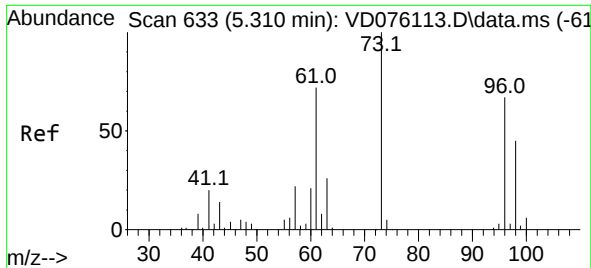
Tgt Ion: 73 Resp: 231620  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.2 25.8



#20  
Methylene Chloride  
Concen: 43.186 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 84 Resp: 143501  
Ion Ratio Lower Upper  
84 100  
49 95.8 106.4 159.6#  
51 29.1 32.4 48.6#  
86 67.5 50.9 76.3

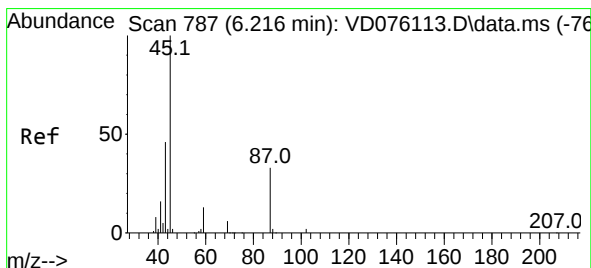
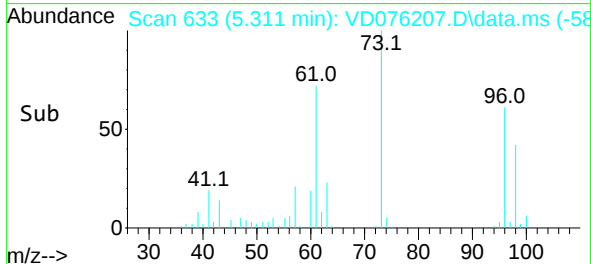
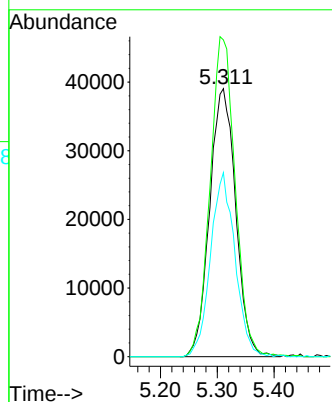
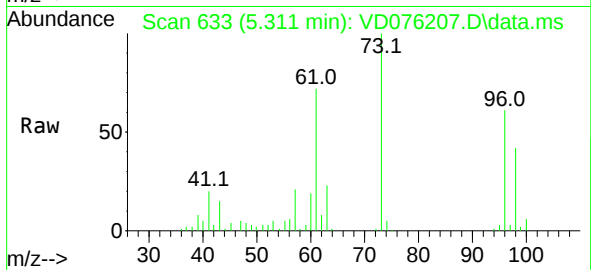




#21  
trans-1,2-Dichloroethene  
Concen: 47.203 ug/l  
RT: 5.311 min Scan# 611  
Delta R.T. -0.005 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

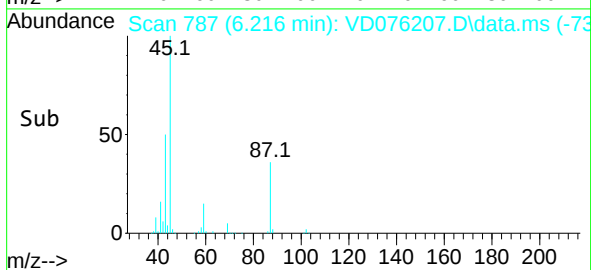
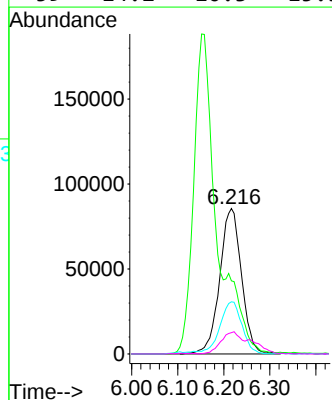
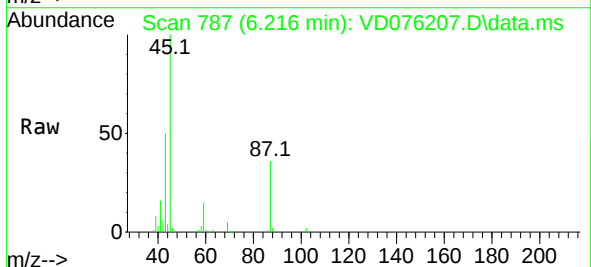
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

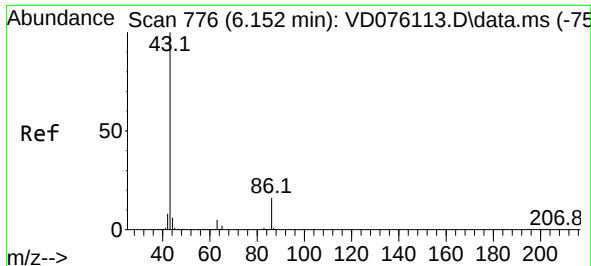
Tgt Ion: 96 Resp: 124345  
Ion Ratio Lower Upper  
96 100  
61 118.2 117.2 175.8  
98 68.6 50.6 76.0



#22  
Diisopropyl ether  
Concen: 52.144 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 45 Resp: 280759  
Ion Ratio Lower Upper  
45 100  
43 49.1 44.4 66.6  
87 35.7 20.9 31.3#  
59 14.2 10.3 15.5

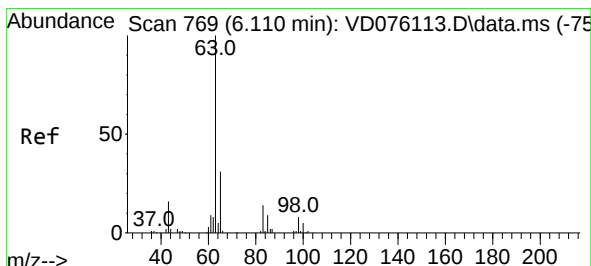
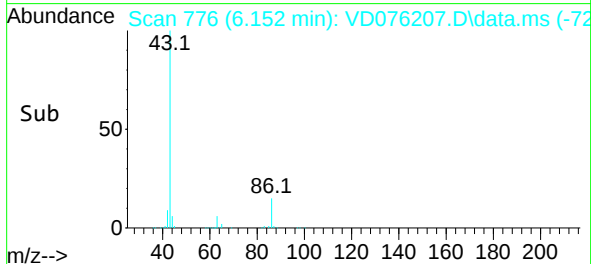
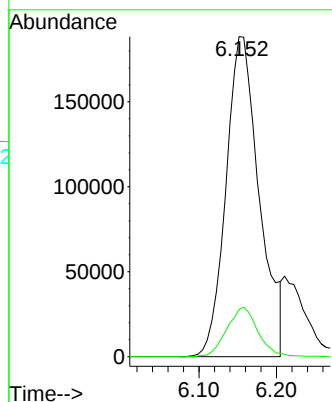
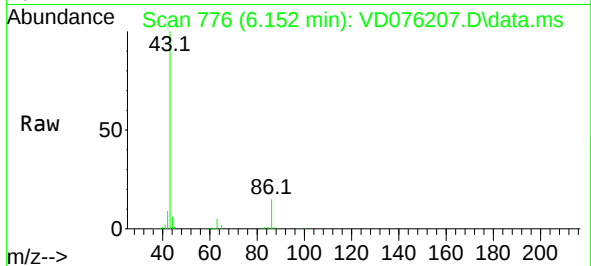




#23  
 Vinyl Acetate  
 Concen: 266.002 ug/l  
 RT: 6.152 min Scan# 776  
 Delta R.T. -0.000 min  
 Lab File: VD076207.D  
 Acq: 24 May 2023 11:01

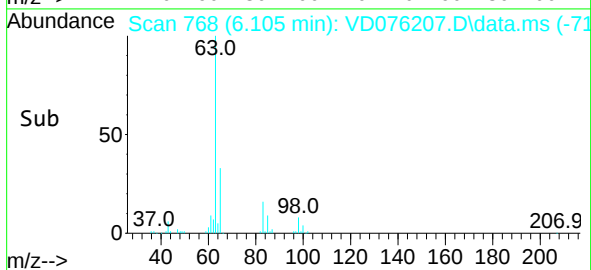
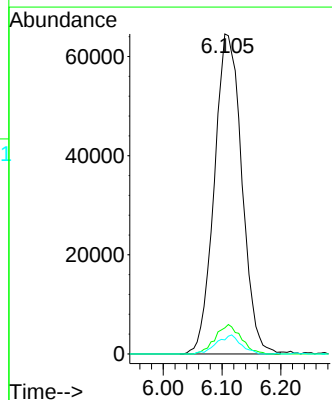
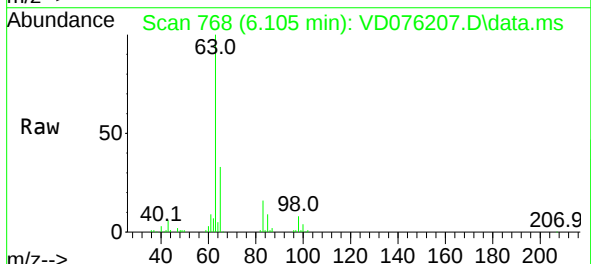
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

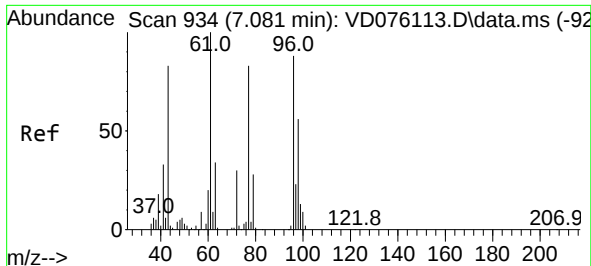
Tgt Ion: 43 Resp: 563149  
 Ion Ratio Lower Upper  
 43 100  
 86 14.7 9.0 13.6#



#24  
 1,1-Dichloroethane  
 Concen: 49.439 ug/l  
 RT: 6.105 min Scan# 768  
 Delta R.T. -0.005 min  
 Lab File: VD076207.D  
 Acq: 24 May 2023 11:01

Tgt Ion: 63 Resp: 209937  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.9 11.7  
 100 4.4 2.0 6.0

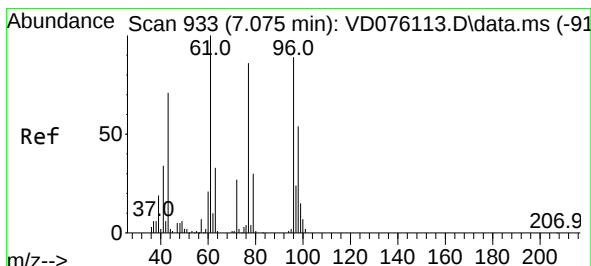
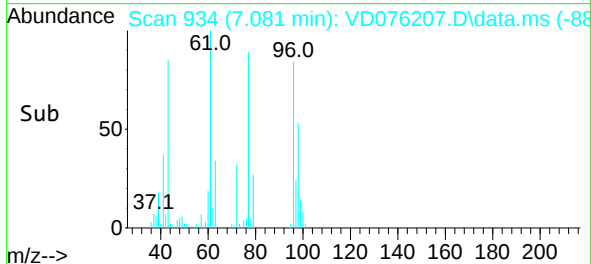
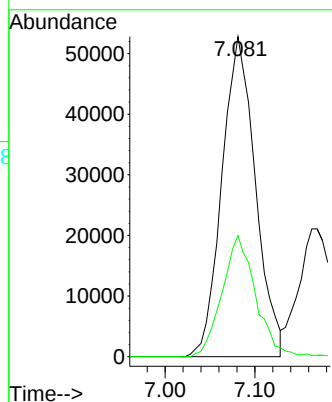
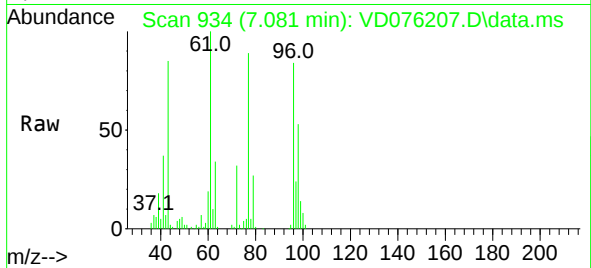




#25  
2-Butanone  
Concen: 267.768 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

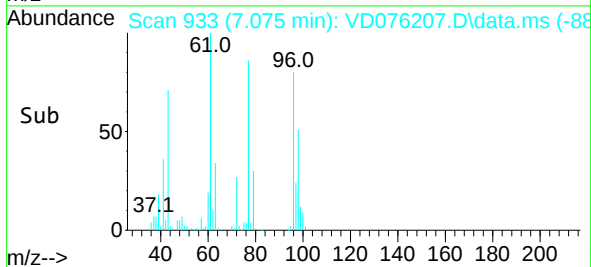
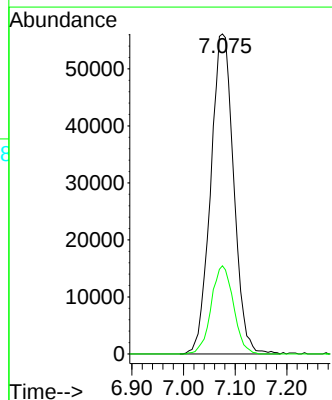
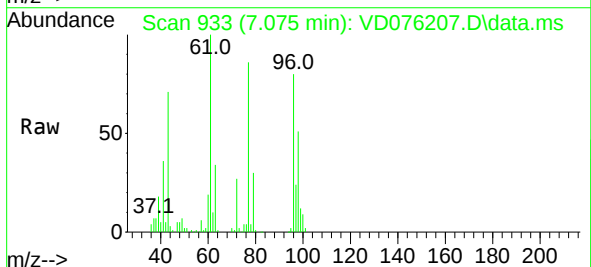
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

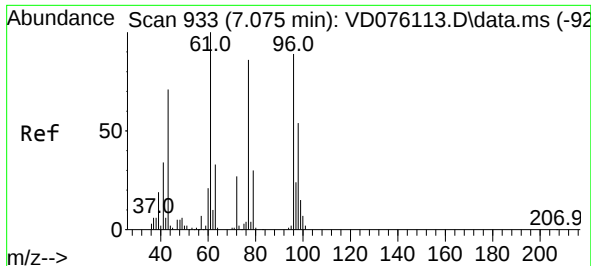
Tgt Ion: 43 Resp: 136915  
Ion Ratio Lower Upper  
43 100  
72 37.9 19.8 29.8#



#26  
2,2-Dichloropropane  
Concen: 50.018 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 77 Resp: 173188  
Ion Ratio Lower Upper  
77 100  
97 26.6 11.1 33.1



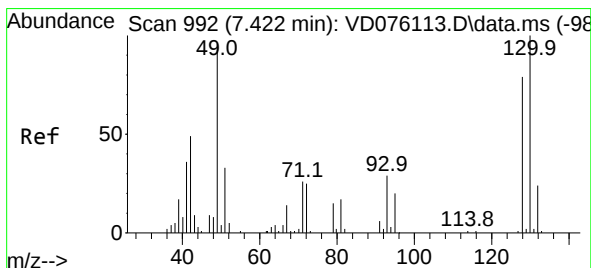
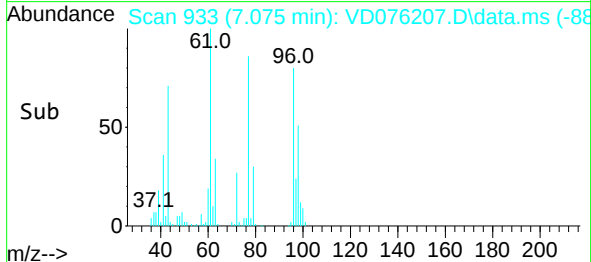
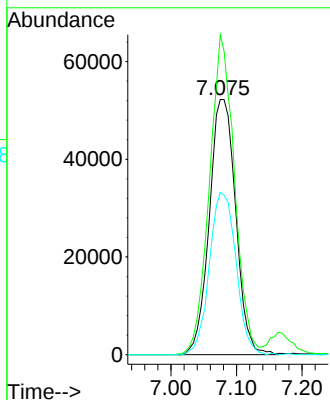
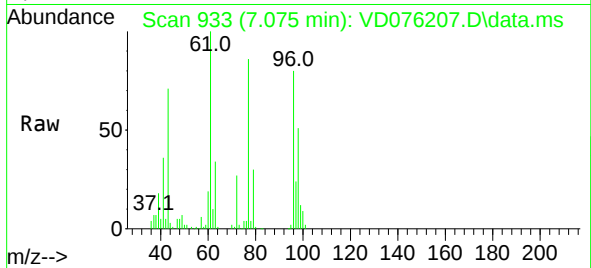


#27  
 cis-1,2-Dichloroethene  
 Concen: 49.959 ug/l  
 RT: 7.075 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: VD076207.D  
 Acq: 24 May 2023 11:01

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 146042  

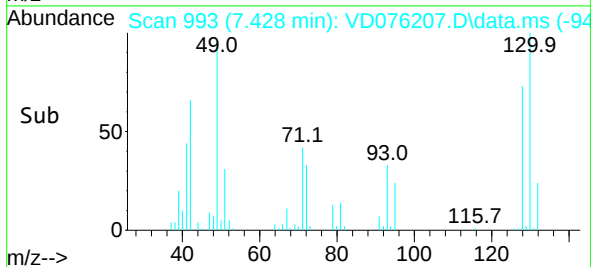
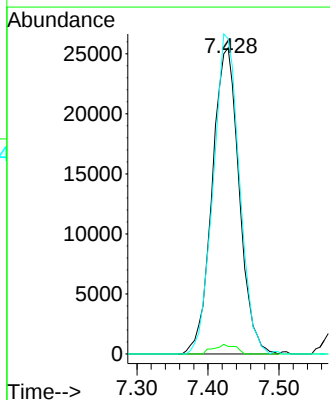
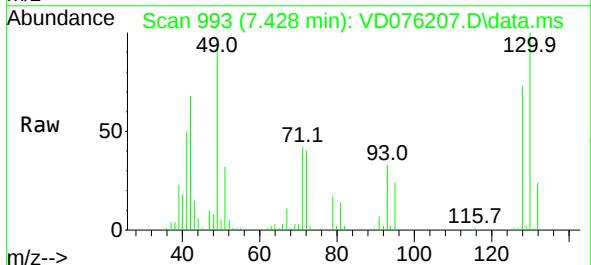
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 118.9 | 0.0   | 295.2 |
| 98  | 64.0  | 0.0   | 129.2 |

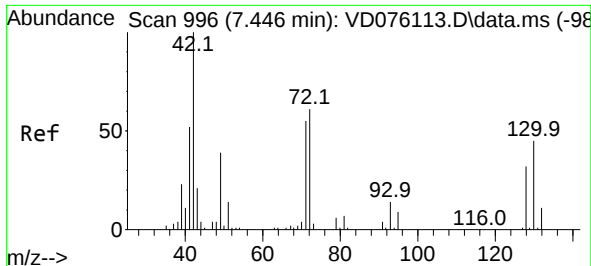


#28  
 Bromochloromethane  
 Concen: 47.489 ug/l  
 RT: 7.428 min Scan# 993  
 Delta R.T. 0.006 min  
 Lab File: VD076207.D  
 Acq: 24 May 2023 11:01

Tgt Ion: 49 Resp: 67240  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.5   | 0.0   | 2.2#  |
| 130 | 101.5 | 56.0  | 84.0# |





#29

Tetrahydrofuran

Concen: 263.985 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076207.D

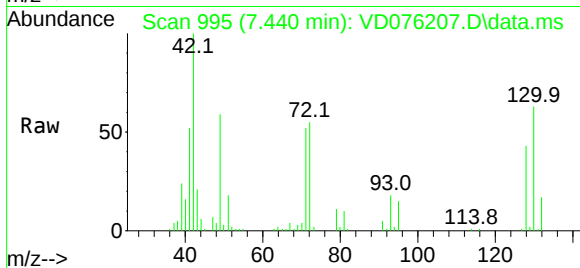
Acq: 24 May 2023 11:01

Instrument :

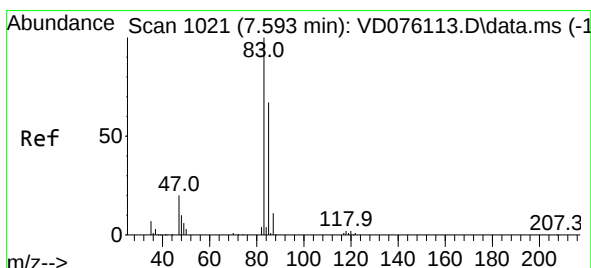
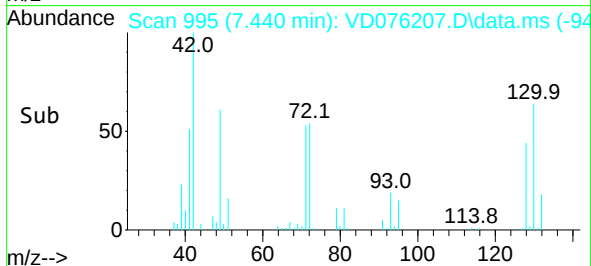
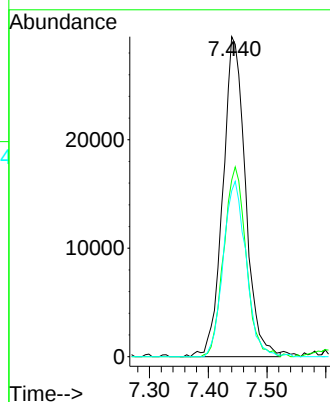
MSVOA\_D

ClientSampleId :

VSTDCCC050



| Tgt Ion:  | 42   | Resp: | 78675 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 72        | 58.6 | 31.8  | 47.6# |
| 71        | 55.4 | 27.6  | 41.4# |



#30

Chloroform

Concen: 49.202 ug/l

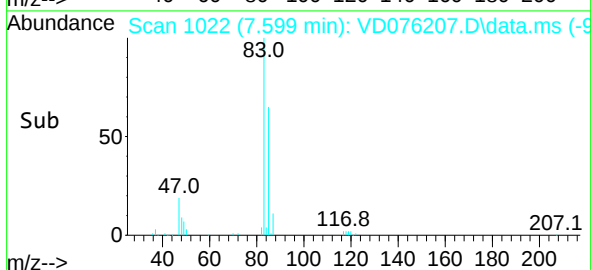
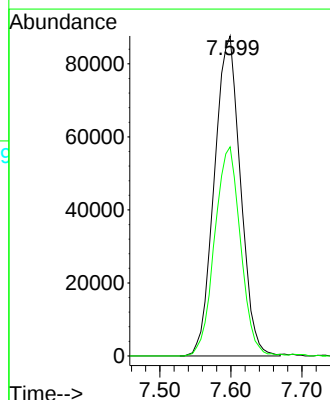
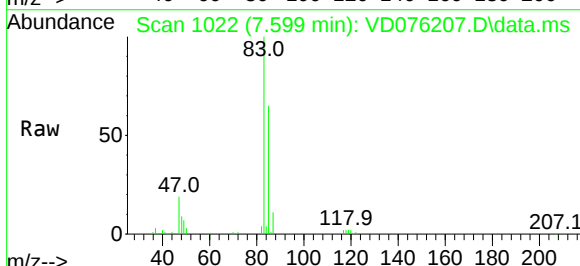
RT: 7.599 min Scan# 1022

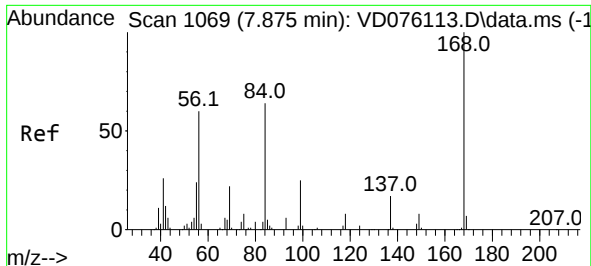
Delta R.T. 0.006 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

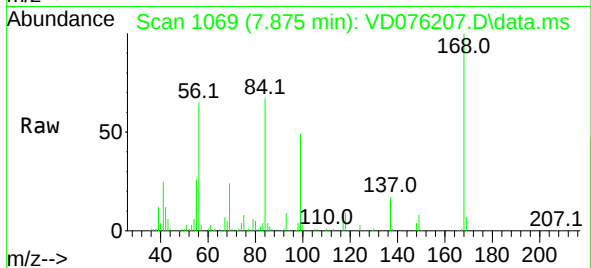
| Tgt Ion:  | 83   | Resp: | 223427 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 85        | 65.3 | 49.4  | 74.2   |



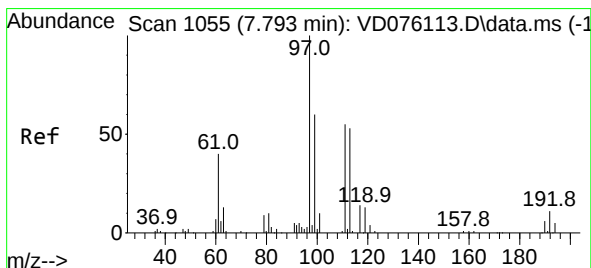
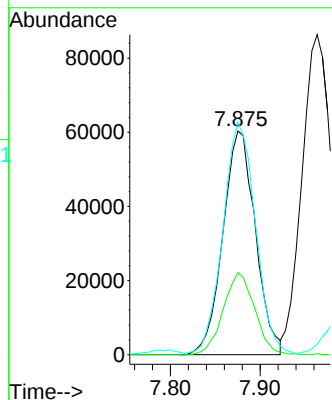
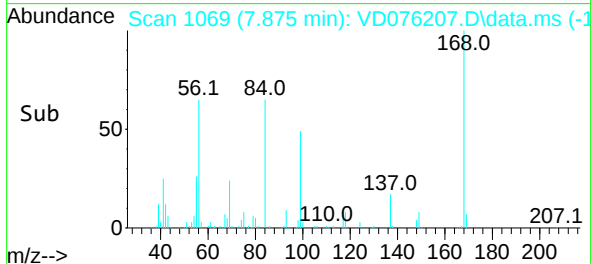


#31  
Cyclohexane  
Concen: 48.482 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

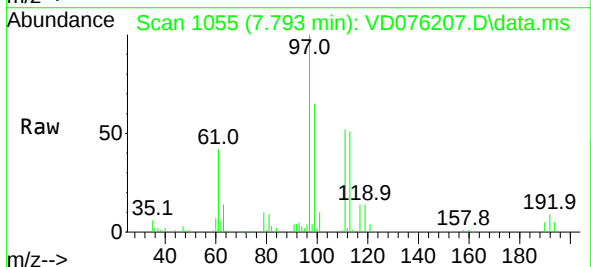
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050



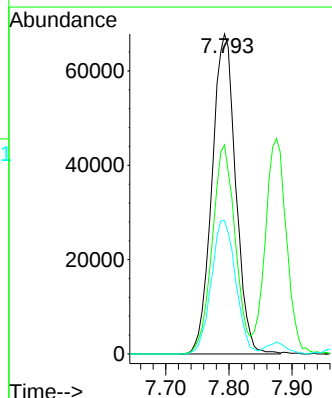
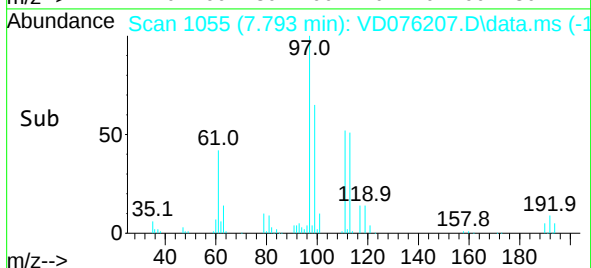
Tgt Ion: 56 Resp: 151763  
Ion Ratio Lower Upper  
56 100  
69 36.7 25.5 38.3  
84 102.8 69.6 104.4

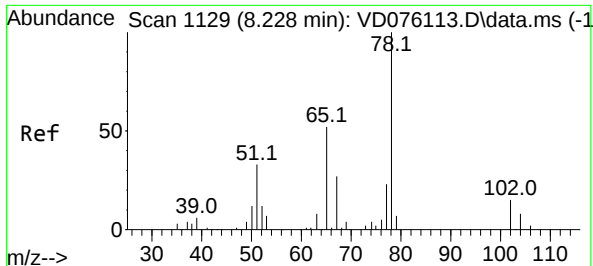


#32  
1,1,1-Trichloroethane  
Concen: 48.882 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01



Tgt Ion: 97 Resp: 176897  
Ion Ratio Lower Upper  
97 100  
99 63.2 50.5 75.7  
61 42.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 44.093 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

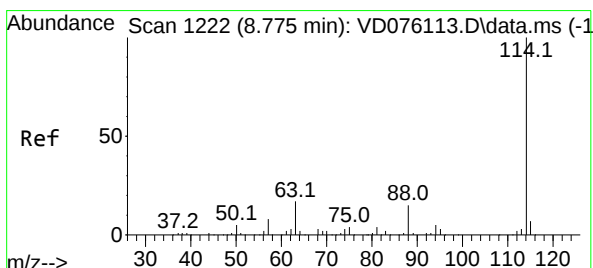
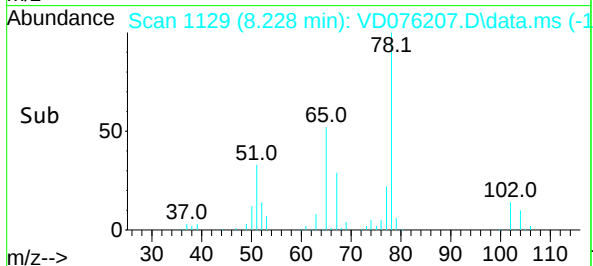
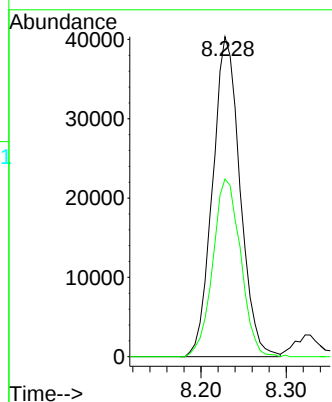
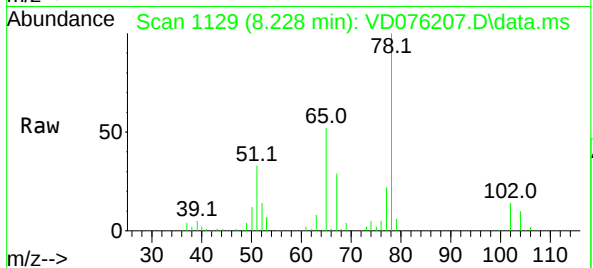
VSTDCCC050

Tgt Ion: 65 Resp: 90121

Ion Ratio Lower Upper

65 100

67 56.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

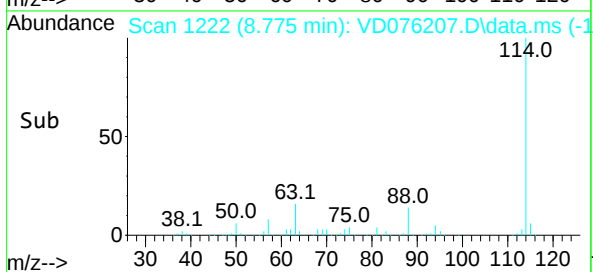
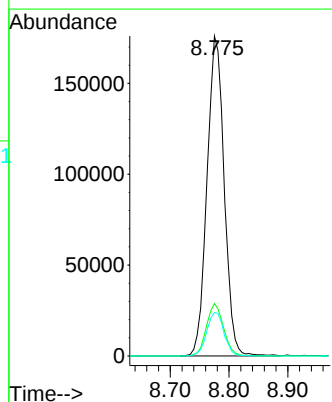
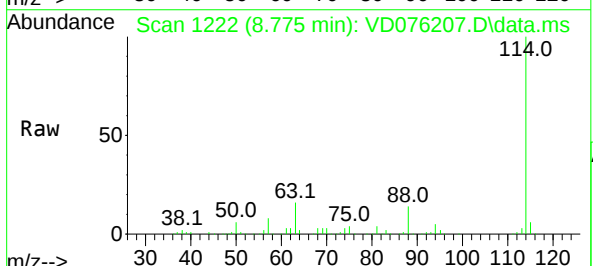
Tgt Ion: 114 Resp: 356869

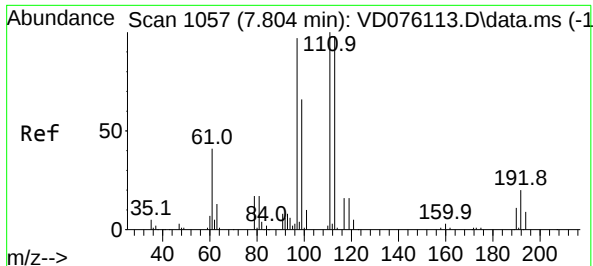
Ion Ratio Lower Upper

114 100

63 16.4 0.0 41.6

88 13.6 0.0 30.6

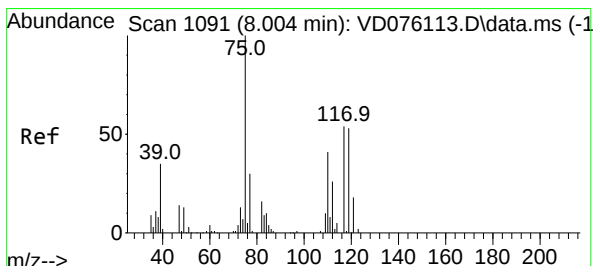
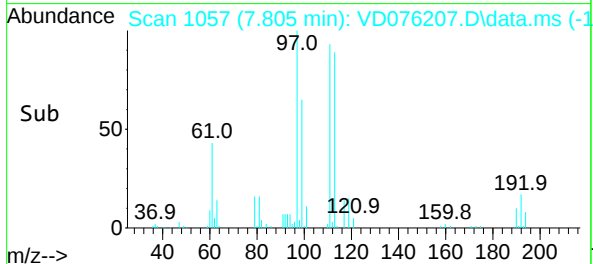
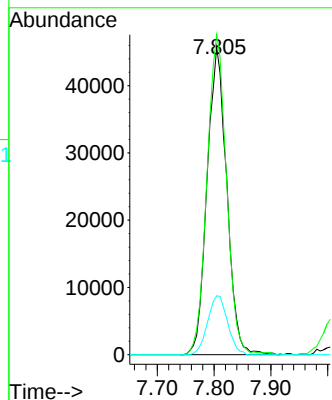
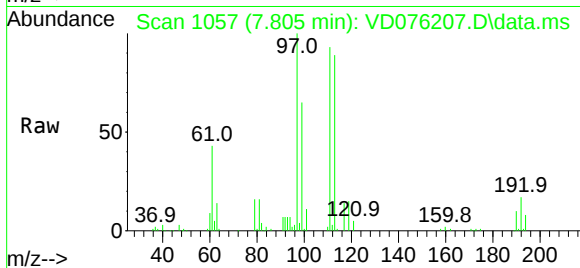




#35  
Dibromofluoromethane  
Concen: 44.430 ug/l  
RT: 7.805 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

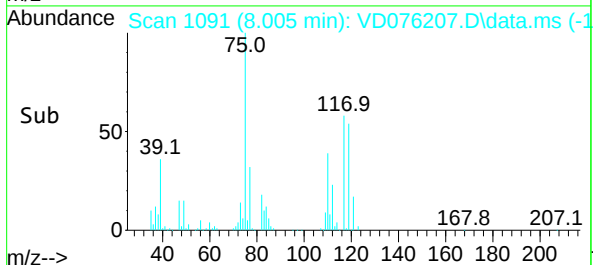
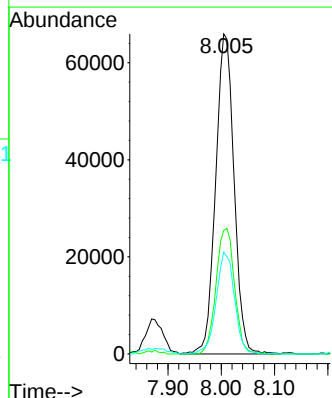
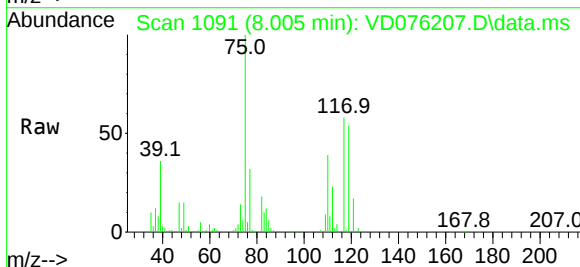
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

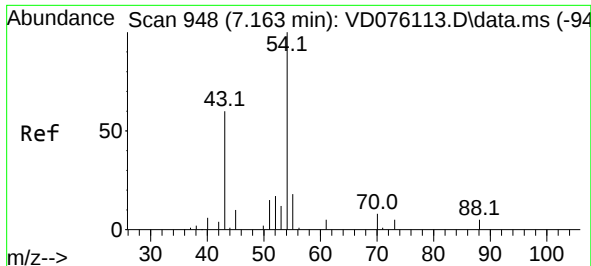
Tgt Ion:113 Resp: 109598  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.4 122.0  
192 19.4 15.2 22.8



#36  
1,1-Dichloropropene  
Concen: 47.536 ug/l  
RT: 8.005 min Scan# 1091  
Delta R.T. -0.005 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 75 Resp: 158364  
Ion Ratio Lower Upper  
75 100  
110 39.4 17.1 51.2  
77 31.7 24.6 36.8





#37

Ethyl Acetate

Concen: 49.790 ug/l

RT: 7.164 min Scan# 94

Delta R.T. -0.005 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

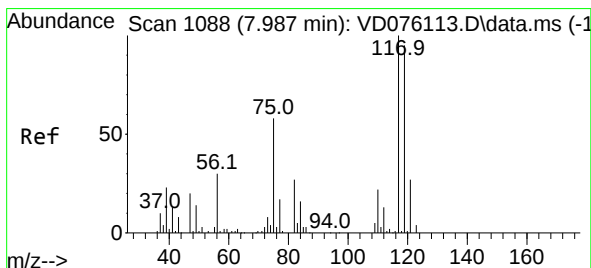
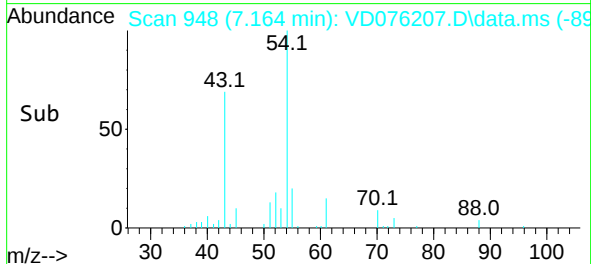
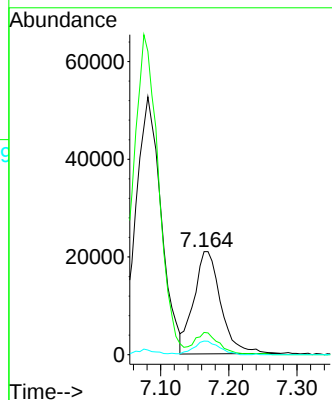
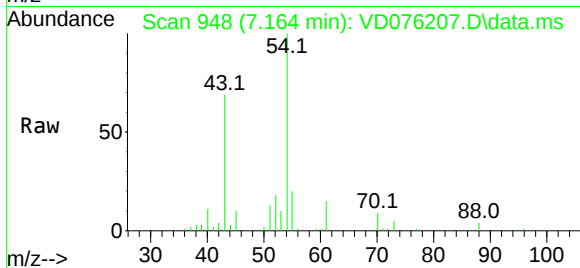
Tgt Ion: 43 Resp: 57439

Ion Ratio Lower Upper

43 100

61 20.6 0.0 0.0#

70 12.5 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 47.998 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

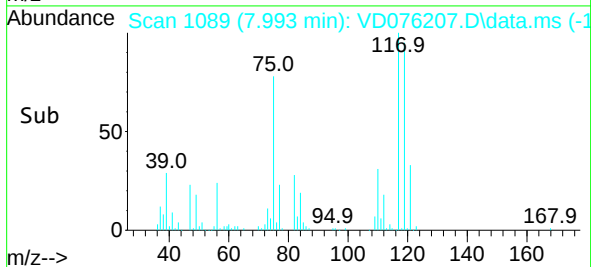
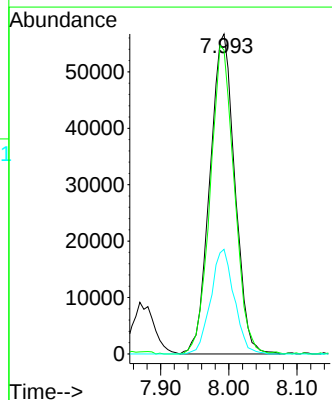
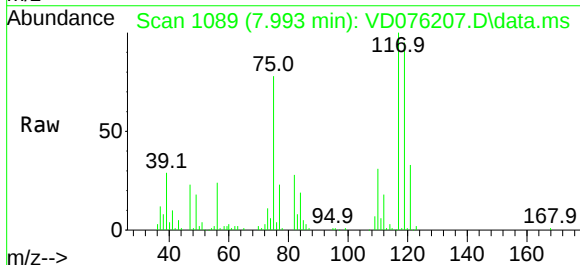
Tgt Ion: 117 Resp: 144436

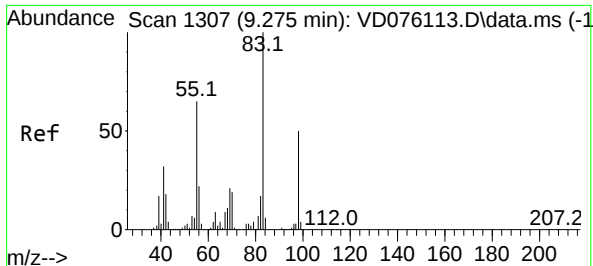
Ion Ratio Lower Upper

117 100

119 94.9 74.7 112.1

121 32.7 25.9 38.9





#39

Methylcyclohexane

Concen: 46.916 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

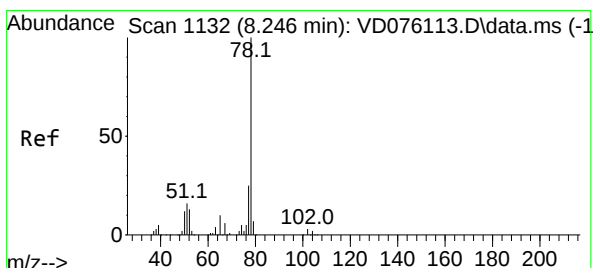
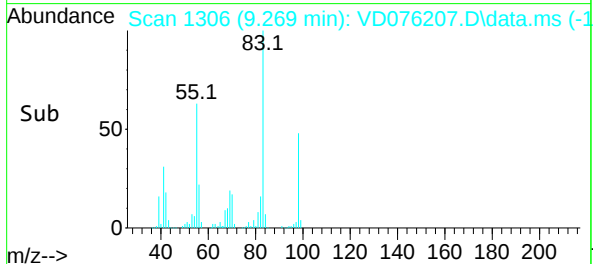
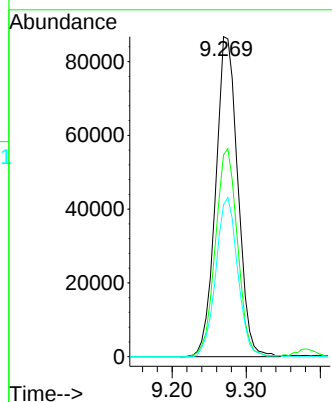
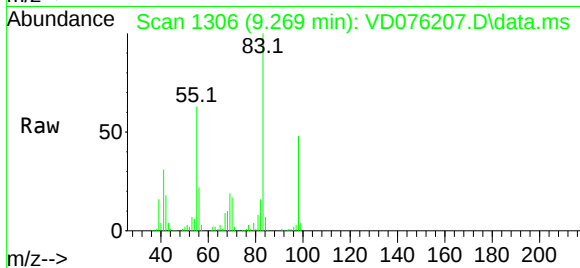
Tgt Ion: 83 Resp: 179949

Ion Ratio Lower Upper

83 100

55 63.1 56.8 85.2

98 47.5 38.9 58.3



#40

Benzene

Concen: 46.668 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD076207.D

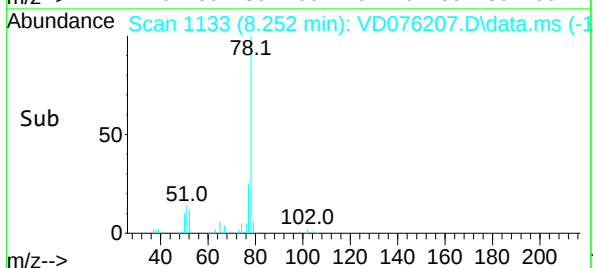
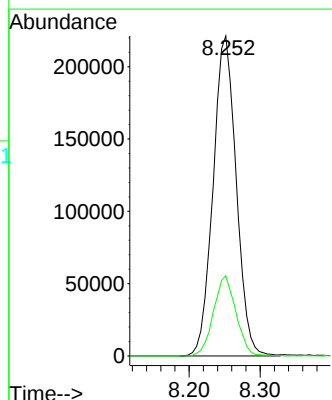
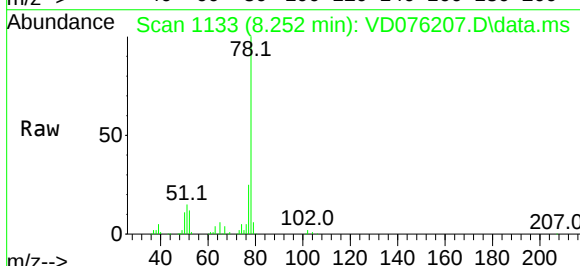
Acq: 24 May 2023 11:01

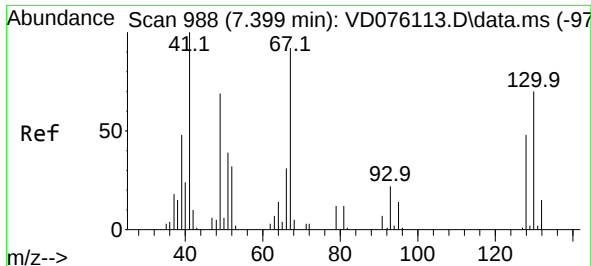
Tgt Ion: 78 Resp: 499853

Ion Ratio Lower Upper

78 100

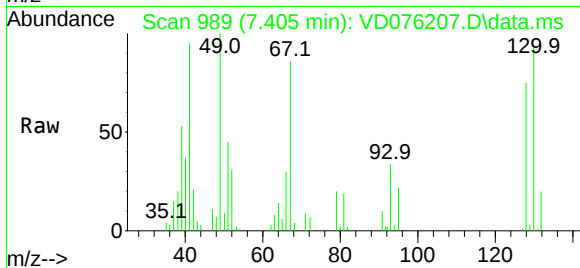
77 25.1 19.1 28.7



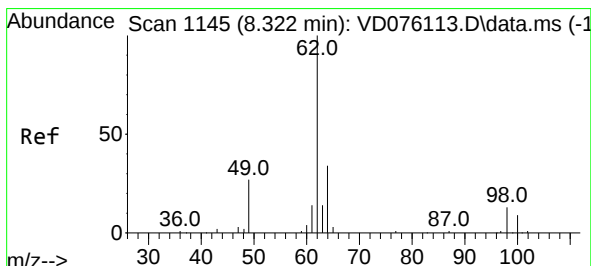
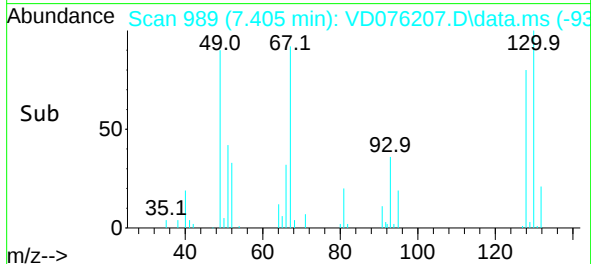
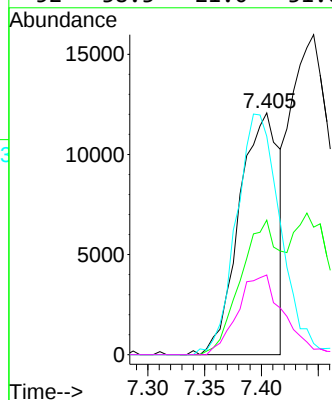


#41  
Methacrylonitrile  
Concen: 46.363 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

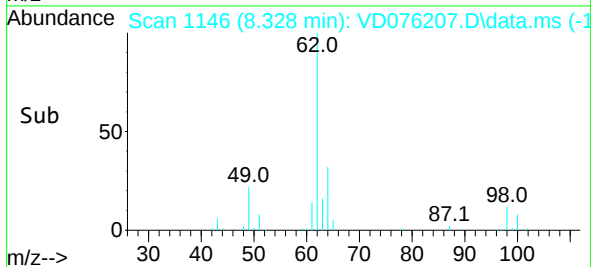
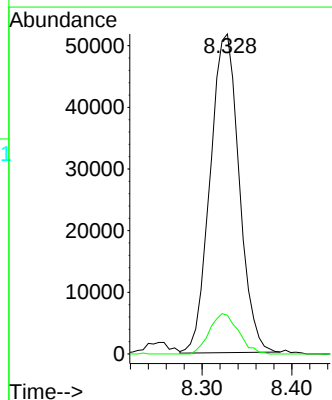
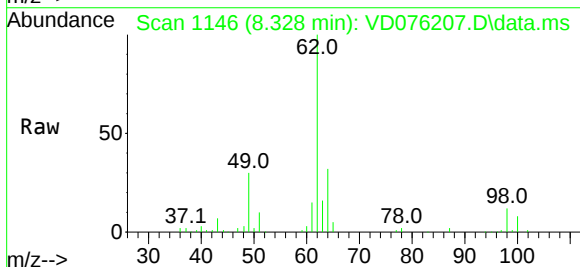


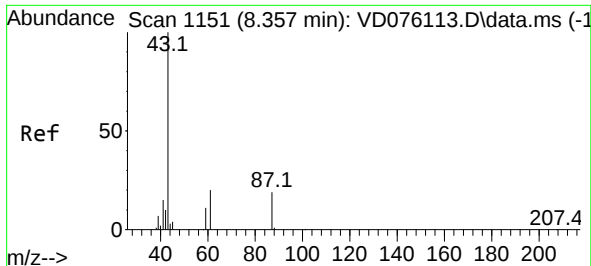
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 29327 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 58.7     | 45.3 67.9   |
| 67 111.0    | 50.5 75.7#  |
| 52 38.3     | 21.0 31.6#  |



#42  
1,2-Dichloroethane  
Concen: 45.834 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 116115 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 12.6     | 0.0 18.8     |

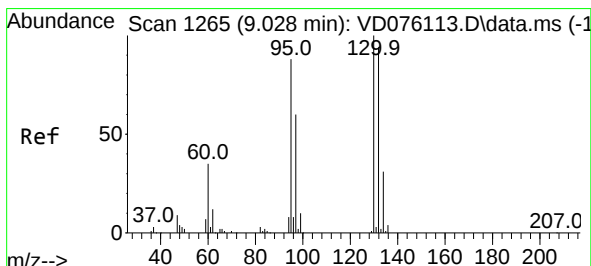
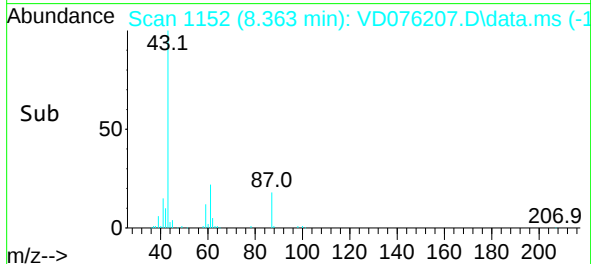
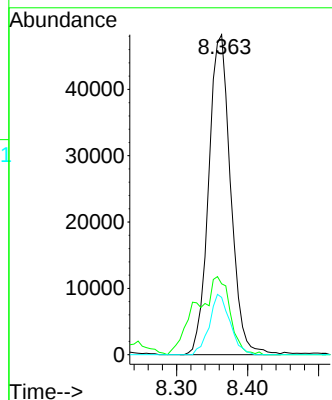
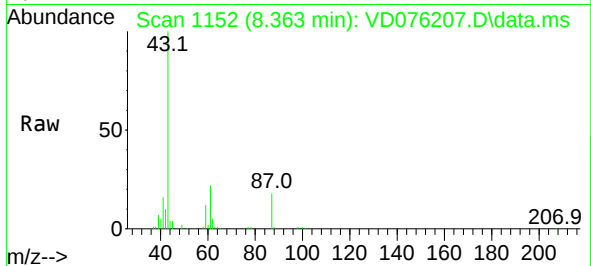




#43  
Isopropyl Acetate  
Concen: 48.032 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

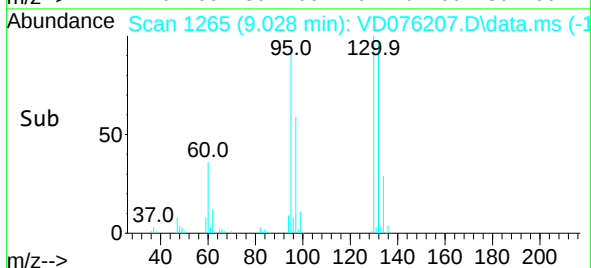
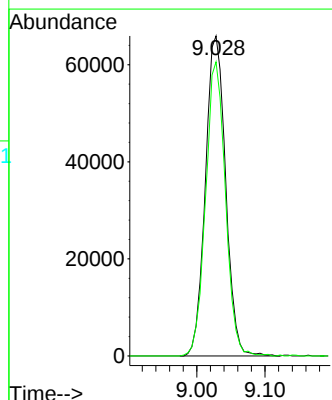
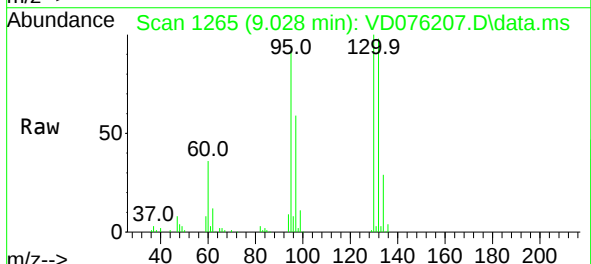
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

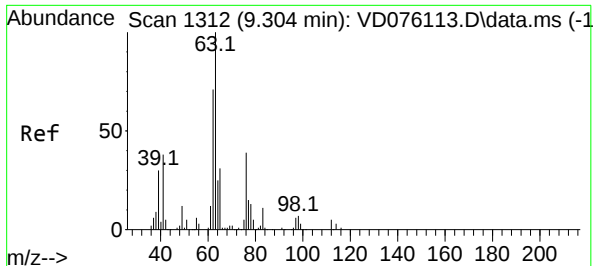
Tgt Ion: 43 Resp: 103509  
Ion Ratio Lower Upper  
43 100  
61 20.0 23.4 35.0#  
87 17.7 9.5 14.3#



#44  
Trichloroethene  
Concen: 45.129 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:130 Resp: 136224  
Ion Ratio Lower Upper  
130 100  
95 91.9 0.0 197.6





#45

1,2-Dichloropropane

Concen: 46.664 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

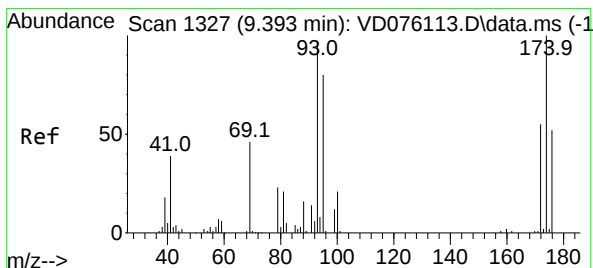
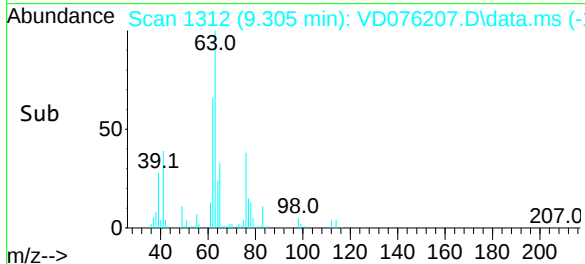
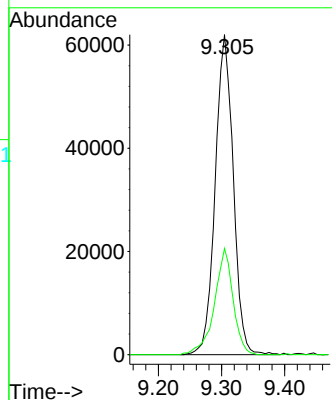
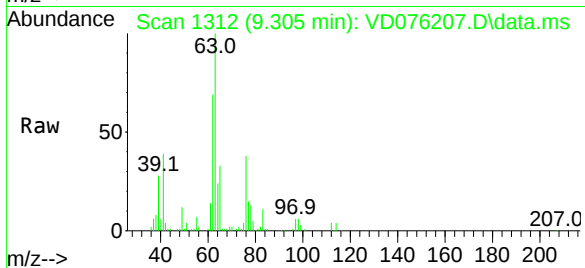
VSTDCCC050

Tgt Ion: 63 Resp: 123281

Ion Ratio Lower Upper

63 100

65 33.2 23.0 34.4



#46

Dibromomethane

Concen: 46.268 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

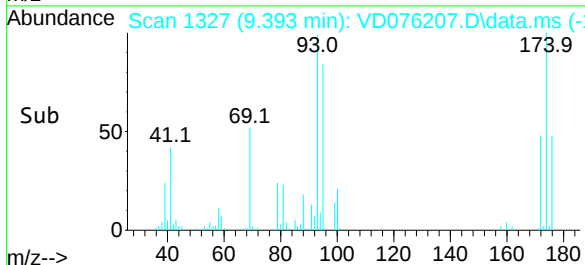
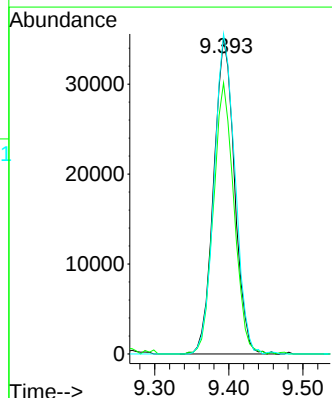
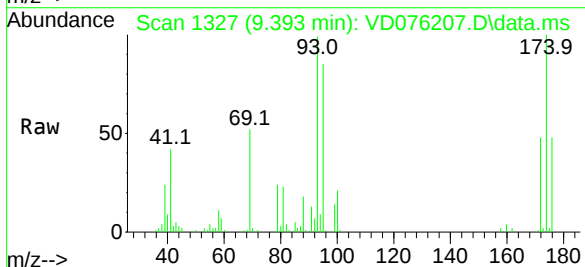
Tgt Ion: 93 Resp: 68516

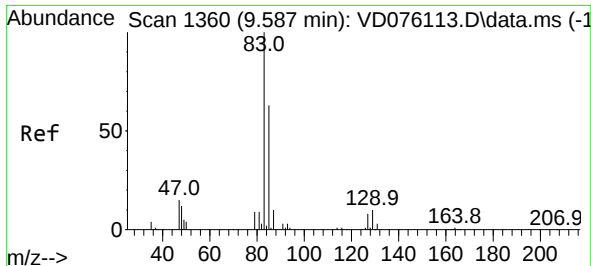
Ion Ratio Lower Upper

93 100

95 84.8 64.5 96.7

174 101.5 76.2 114.4

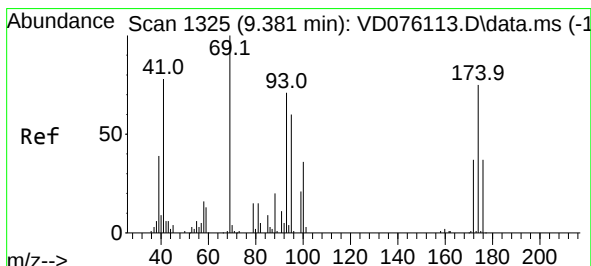
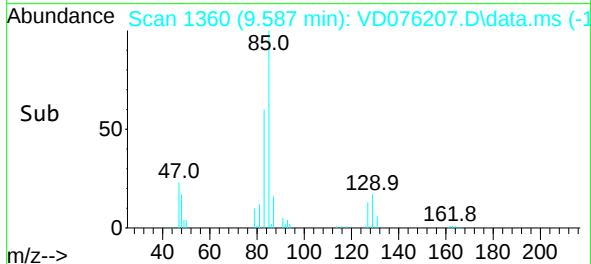
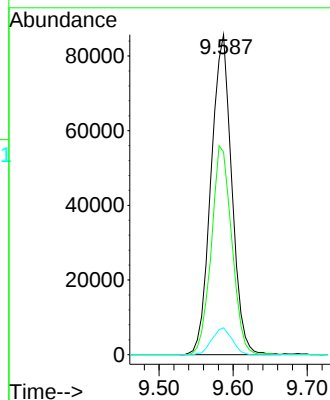
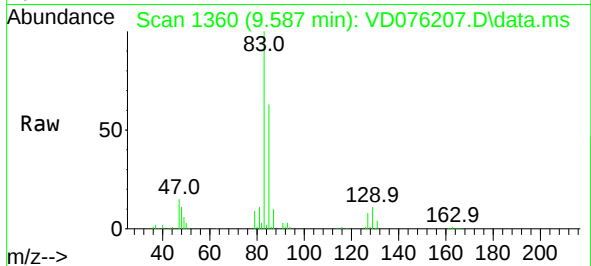




#47  
Bromodichloromethane  
Concen: 46.710 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

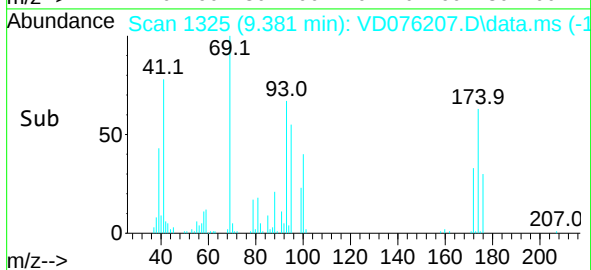
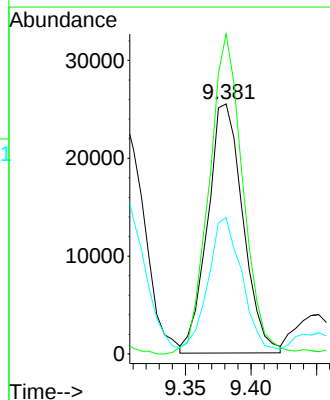
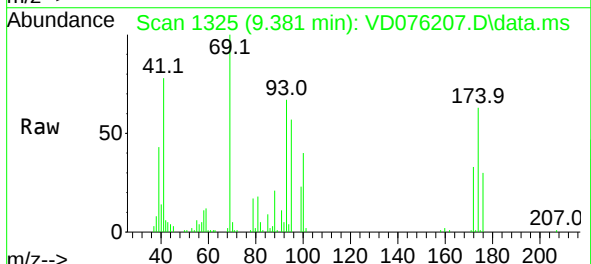
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

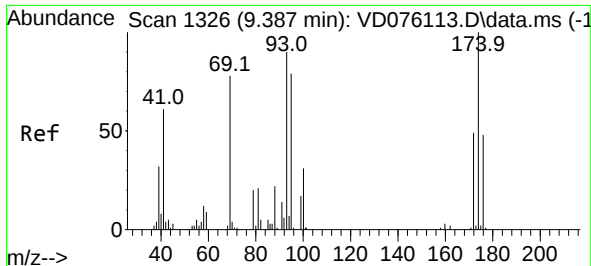
Tgt Ion: 83 Resp: 166244  
Ion Ratio Lower Upper  
83 100  
85 63.3 53.7 80.5  
127 8.4 7.0 10.6



#48  
Methyl methacrylate  
Concen: 50.015 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 41 Resp: 47703  
Ion Ratio Lower Upper  
41 100  
69 122.9 58.6 88.0#  
39 53.8 53.4 80.0





#49

1,4-Dioxane

Concen: 1065.124 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076207.D

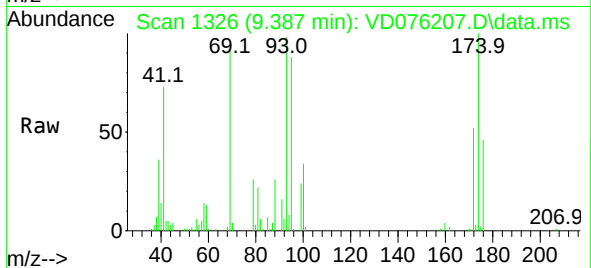
Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050



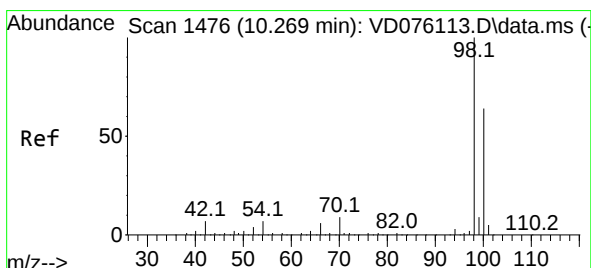
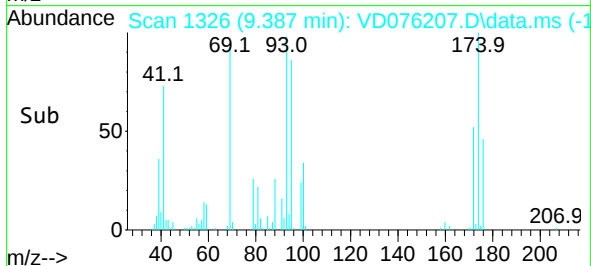
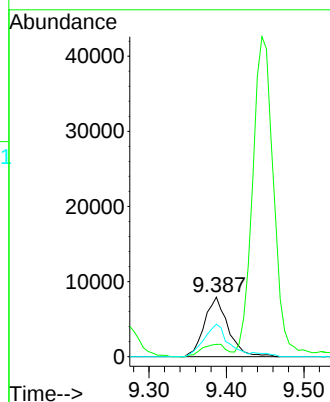
Tgt Ion: 88 Resp: 16867

Ion Ratio Lower Upper

88 100

43 22.6 34.6 51.8#

58 54.8 58.0 87.0#



#50

Toluene-d8

Concen: 44.523 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076207.D

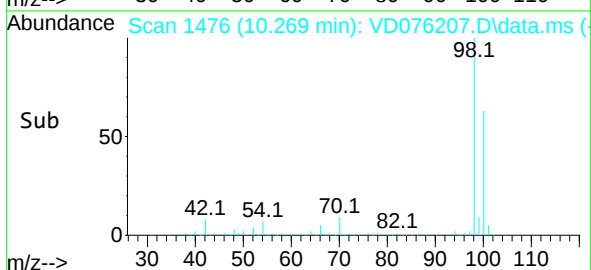
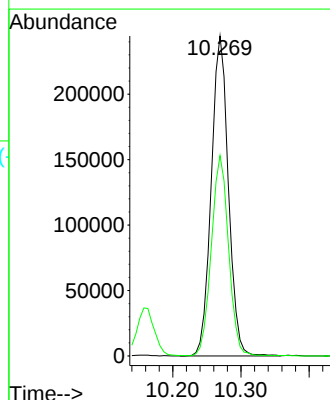
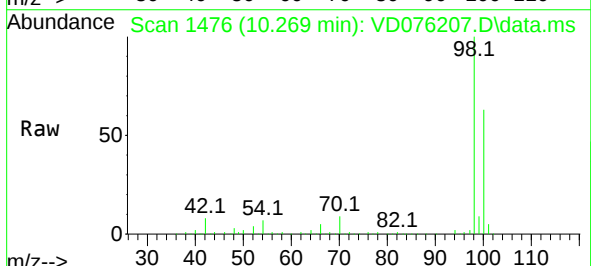
Acq: 24 May 2023 11:01

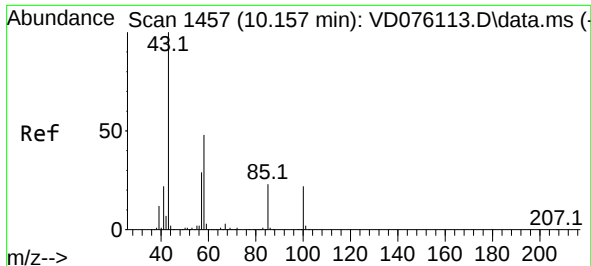
Tgt Ion: 98 Resp: 428133

Ion Ratio Lower Upper

98 100

100 62.6 52.1 78.1

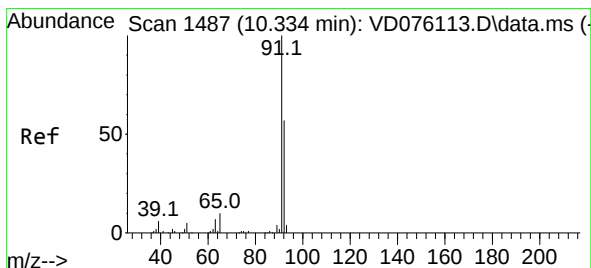
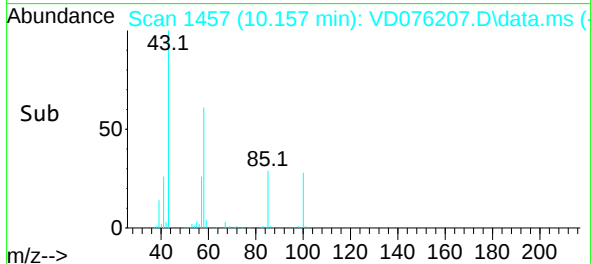
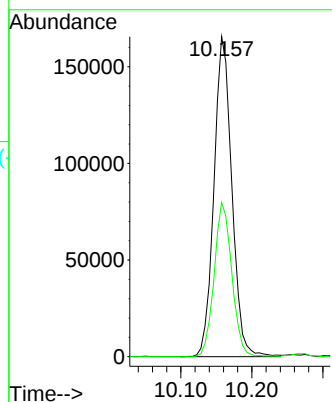
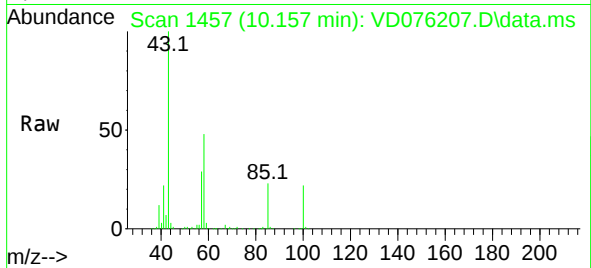




#51  
4-Methyl-2-Pentanone  
Concen: 253.274 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

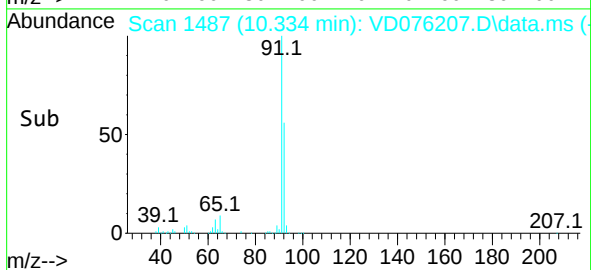
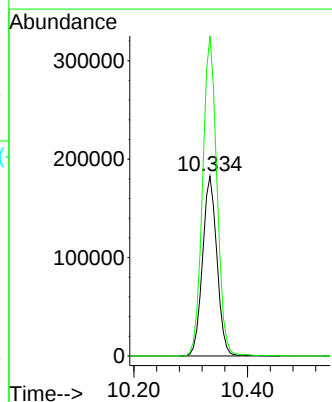
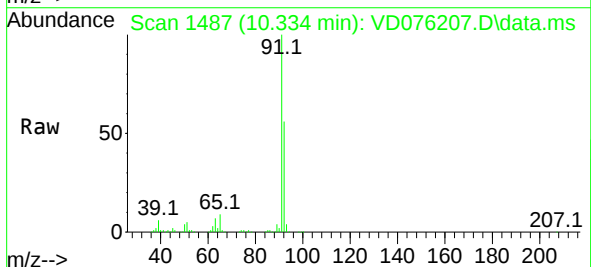
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

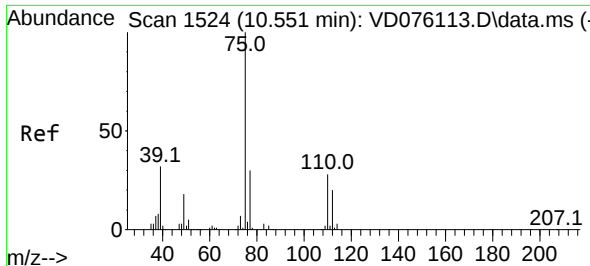
Tgt Ion: 43 Resp: 290285  
Ion Ratio Lower Upper  
43 100  
58 47.7 29.5 44.3#



#52  
Toluene  
Concen: 47.938 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 92 Resp: 320685  
Ion Ratio Lower Upper  
92 100  
91 176.9 136.5 204.7

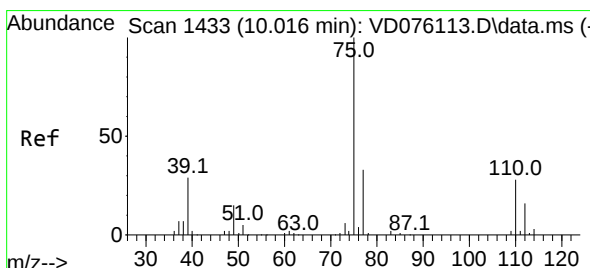
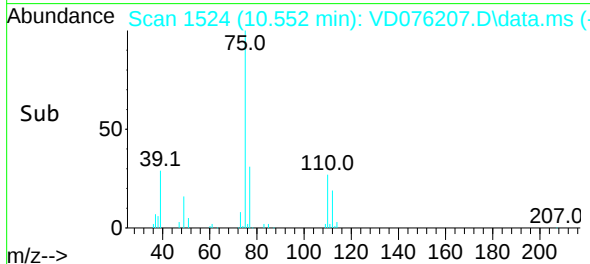
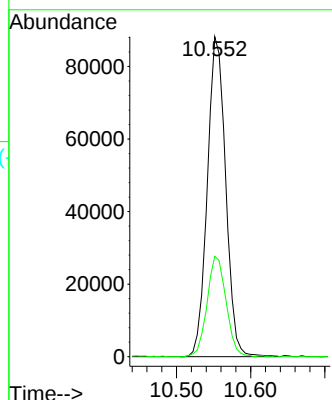
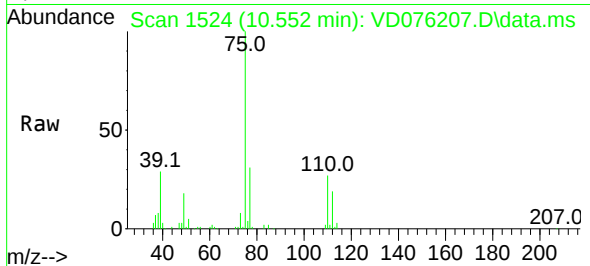




#53  
t-1,3-Dichloropropene  
Concen: 47.248 ug/l  
RT: 10.552 min Scan# 1524  
Delta R.T. -0.005 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

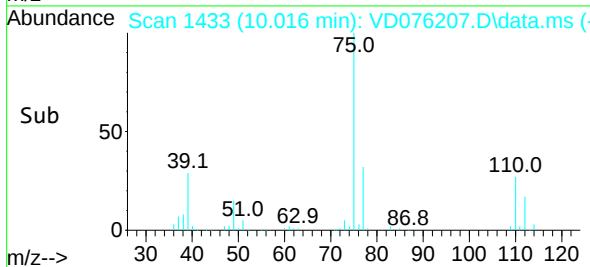
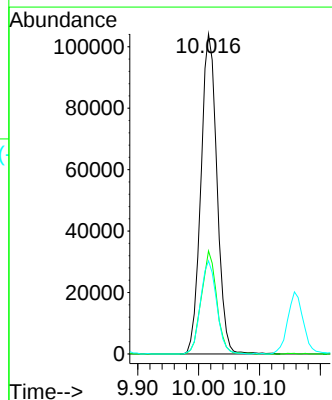
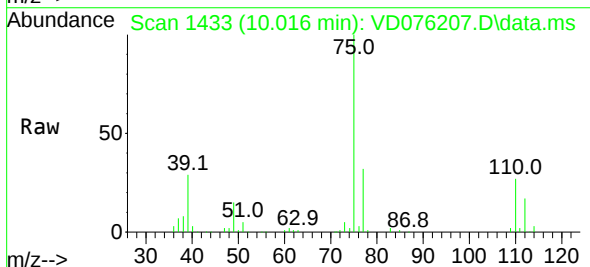
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

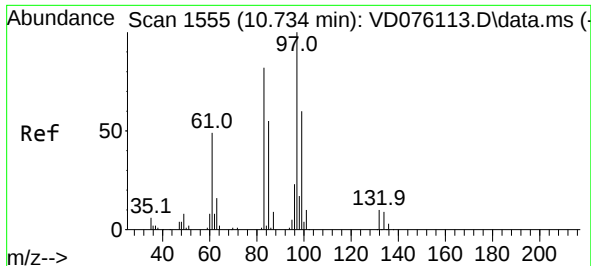
Tgt Ion: 75 Resp: 151555  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.3 39.5



#54  
cis-1,3-Dichloropropene  
Concen: 48.821 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 75 Resp: 191116  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.6 38.4  
39 29.1 44.8 67.2#

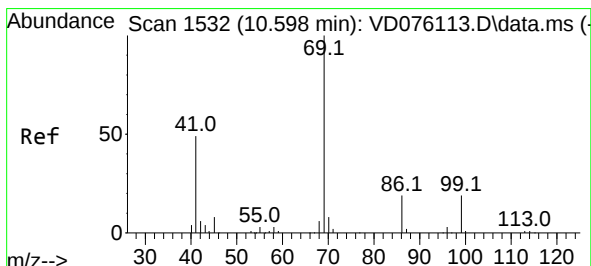
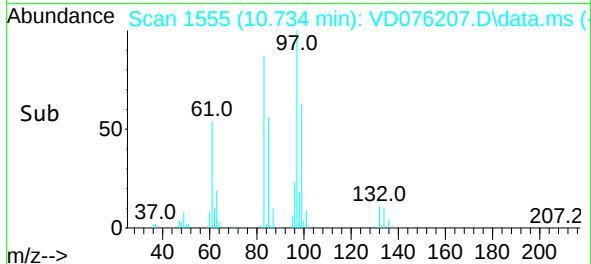
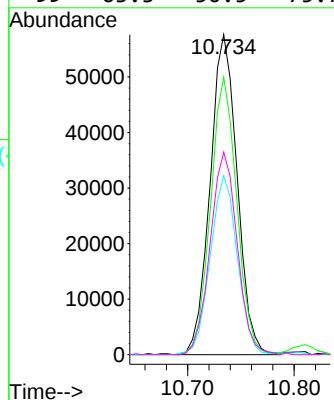
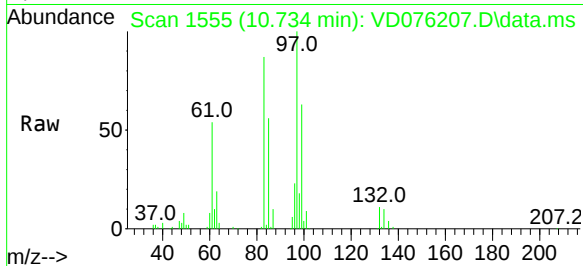




#55  
1,1,2-Trichloroethane  
Concen: 47.786 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

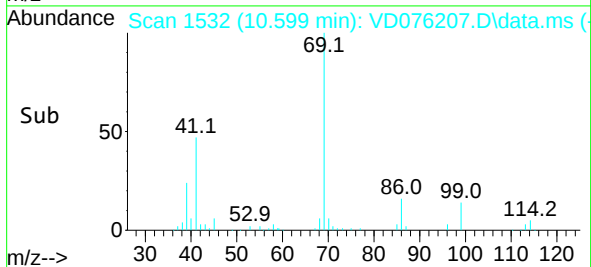
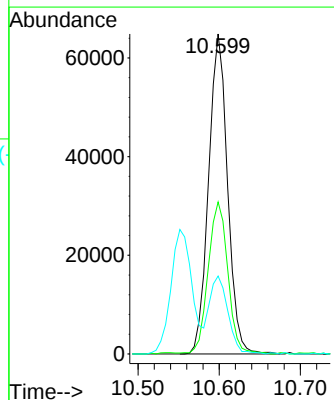
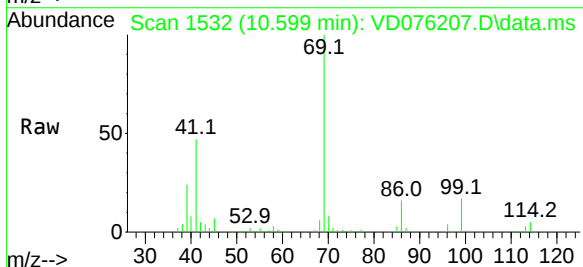
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

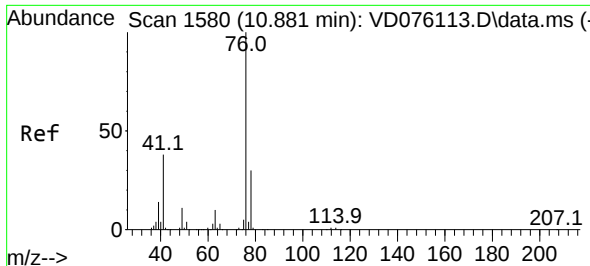
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 101478 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.3  | 74.2  | 111.4  |
| 85       | 55.6  | 45.4  | 68.0   |
| 99       | 63.3  | 50.5  | 75.7   |



#56  
Ethyl methacrylate  
Concen: 49.350 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. 0.001 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 105338 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 49.3  | 59.3  | 88.9#  |
| 39       | 23.5  | 36.0  | 54.0#  |





#57

1,3-Dichloropropane

Concen: 48.150 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

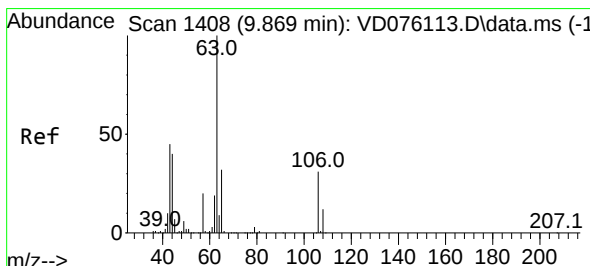
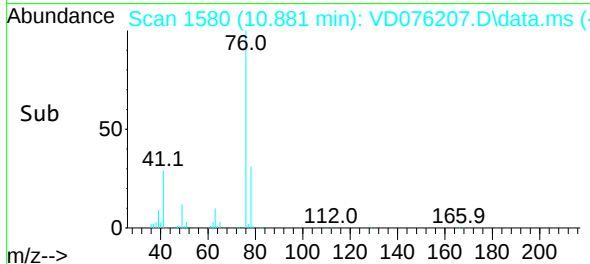
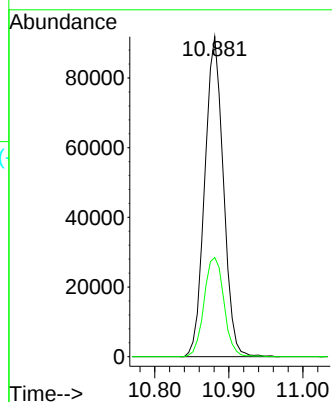
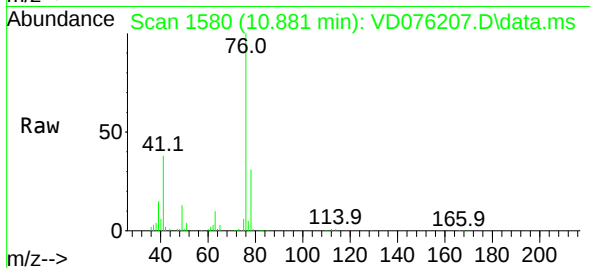
VSTDCCC050

Tgt Ion: 76 Resp: 160419

Ion Ratio Lower Upper

76 100

78 33.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.114 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076207.D

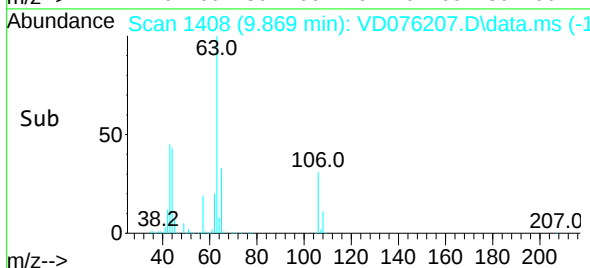
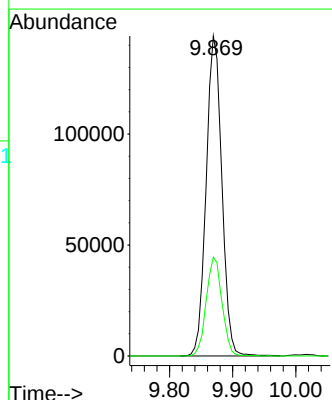
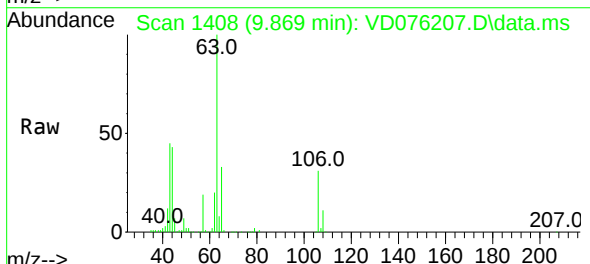
Acq: 24 May 2023 11:01

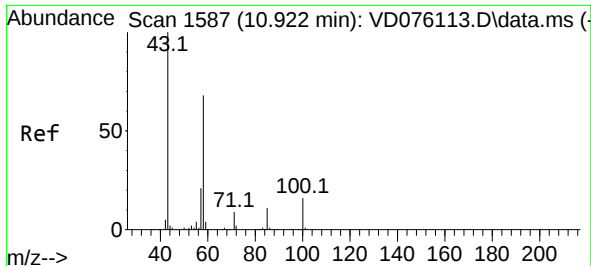
Tgt Ion: 63 Resp: 248985

Ion Ratio Lower Upper

63 100

106 31.1 21.4 32.2

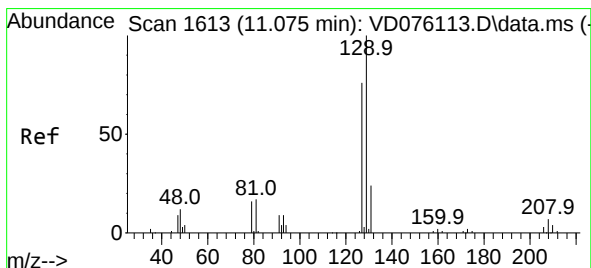
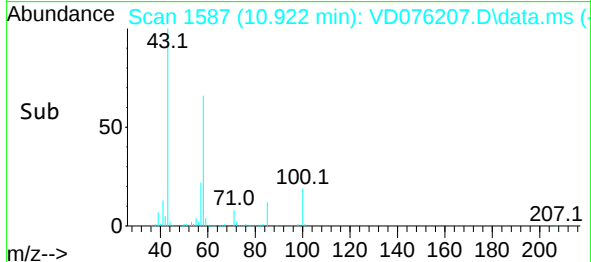
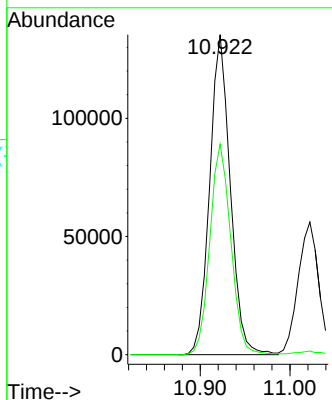
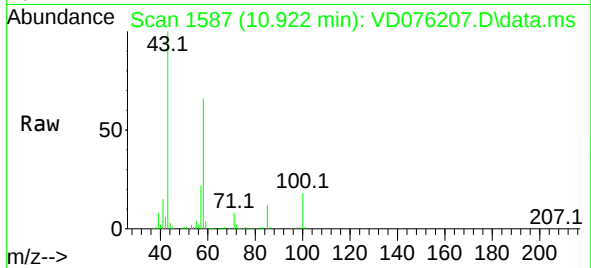




#59  
2-Hexanone  
Concen: 266.706 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

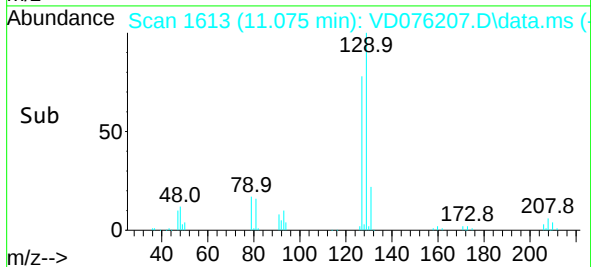
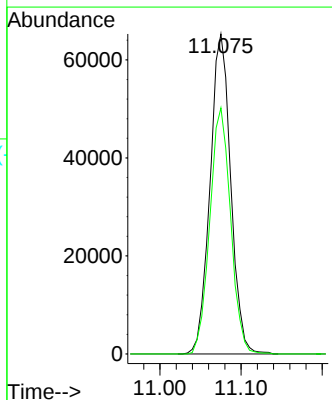
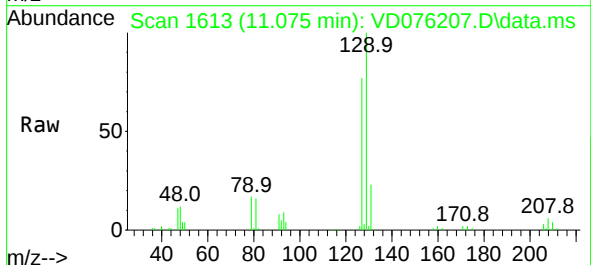
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

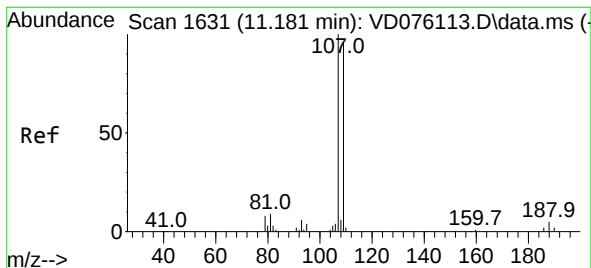
Tgt Ion: 43 Resp: 215574  
Ion Ratio Lower Upper  
43 100  
58 67.0 25.3 75.8



#60  
Dibromochloromethane  
Concen: 48.372 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 129 Resp: 115502  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.1 114.5

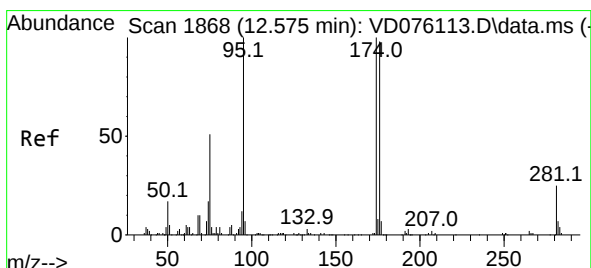
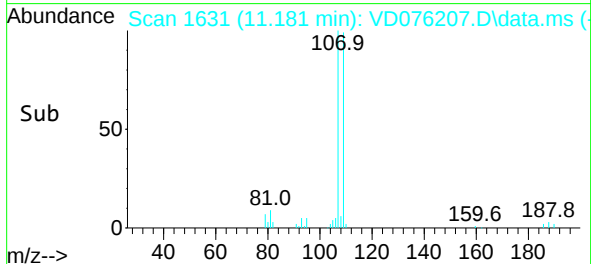
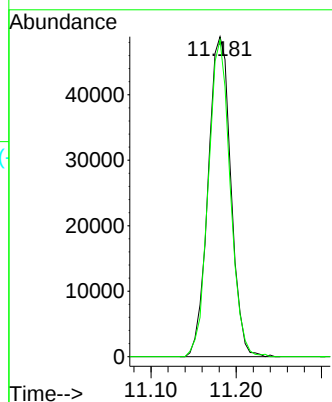
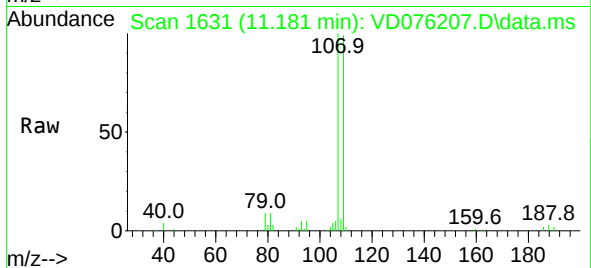




#61  
1,2-Dibromoethane  
Concen: 47.780 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

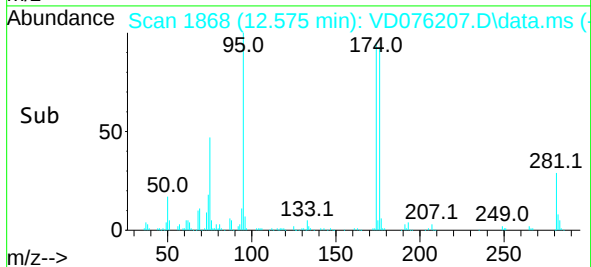
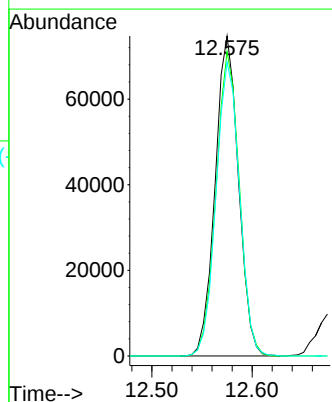
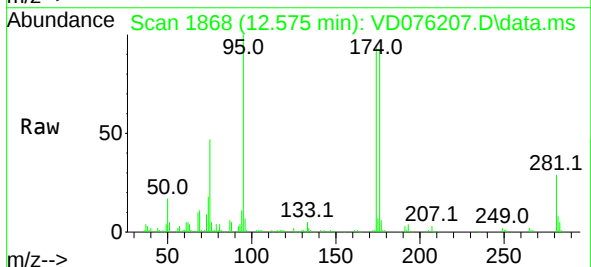
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

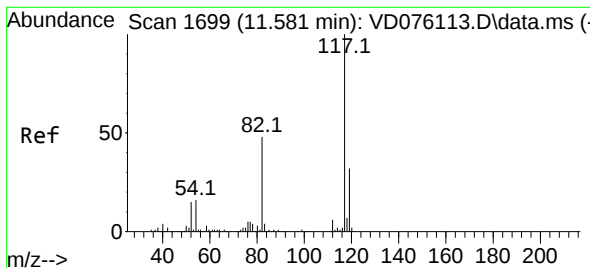
Tgt Ion:107 Resp: 90259  
Ion Ratio Lower Upper  
107 100  
109 95.4 73.6 110.4



#62  
4-Bromofluorobenzene  
Concen: 45.195 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 95 Resp: 120724  
Ion Ratio Lower Upper  
95 100  
174 95.0 0.0 164.0  
176 92.4 0.0 156.8

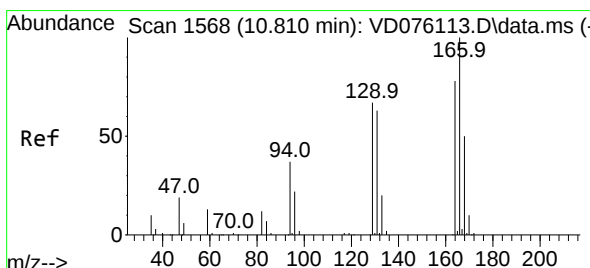
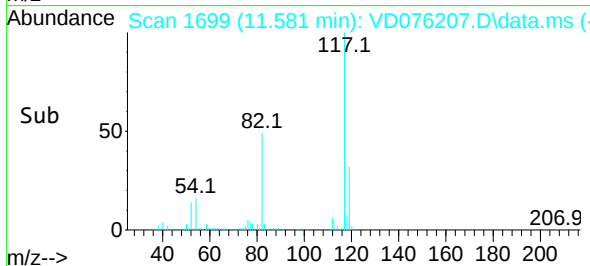
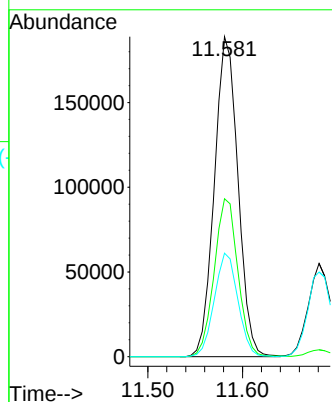
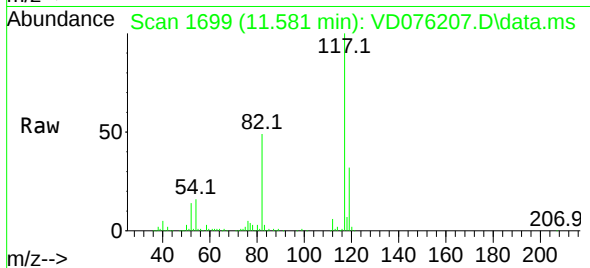




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

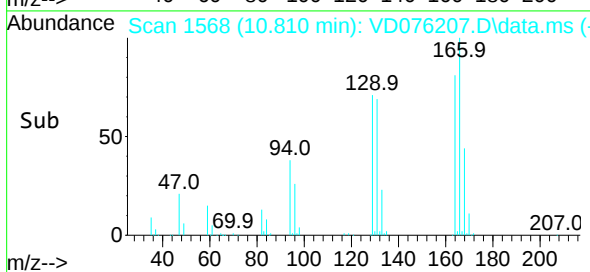
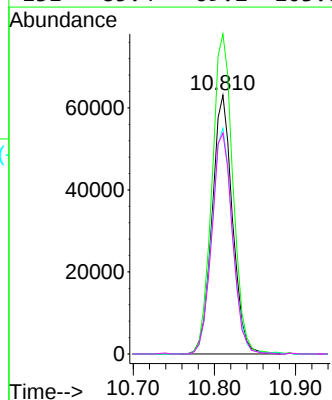
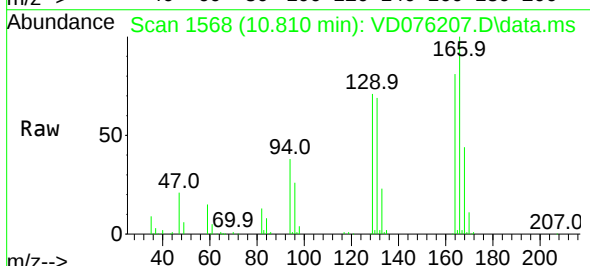
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

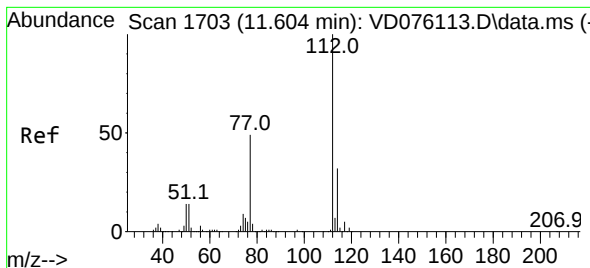
Tgt Ion:117 Resp: 326824  
Ion Ratio Lower Upper  
117 100  
82 49.3 44.0 66.0  
119 32.3 25.1 37.7



#64  
Tetrachloroethene  
Concen: 43.606 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:164 Resp: 109590  
Ion Ratio Lower Upper  
164 100  
166 123.7 94.9 142.3  
129 87.3 73.0 109.6  
131 85.4 69.2 103.8





#65

Chlorobenzene

Concen: 47.360 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

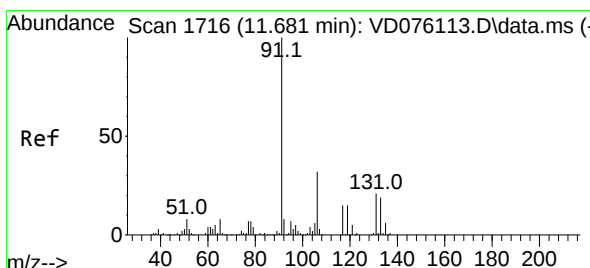
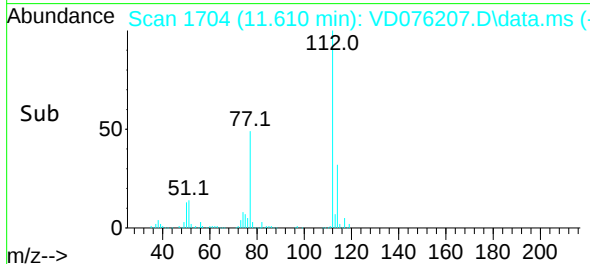
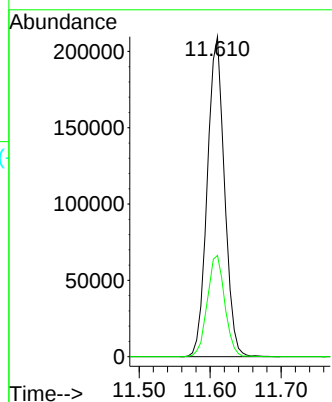
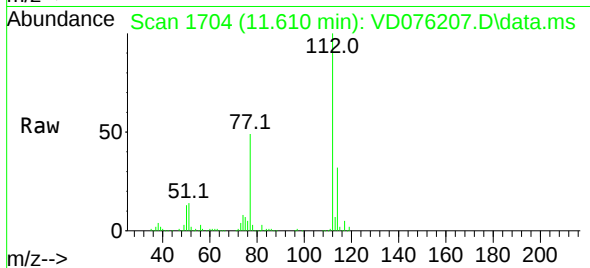
VSTDCCC050

Tgt Ion:112 Resp: 352381

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 48.119 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

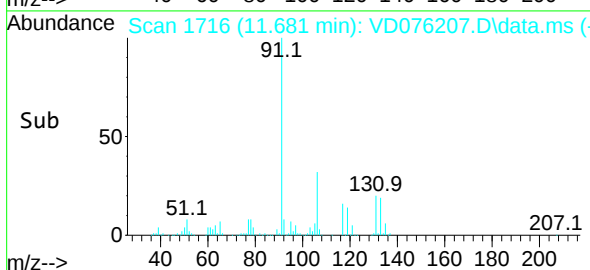
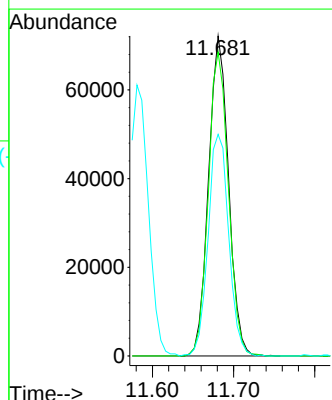
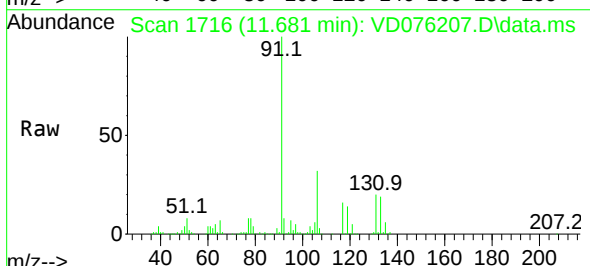
Tgt Ion:131 Resp: 123210

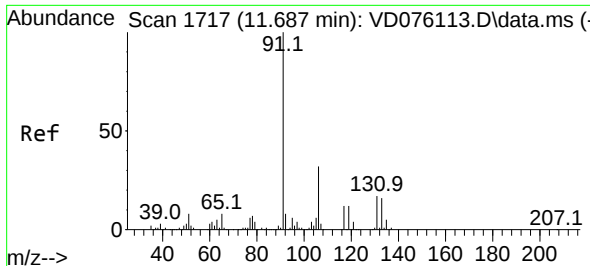
Ion Ratio Lower Upper

131 100

133 95.4 46.7 140.0

119 71.5 31.9 95.9

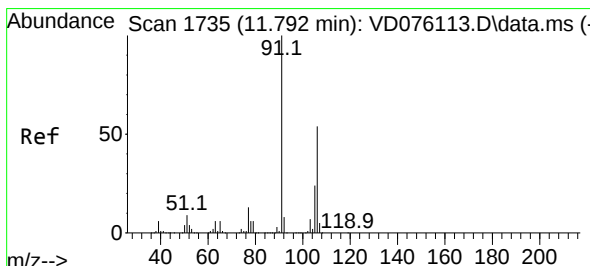
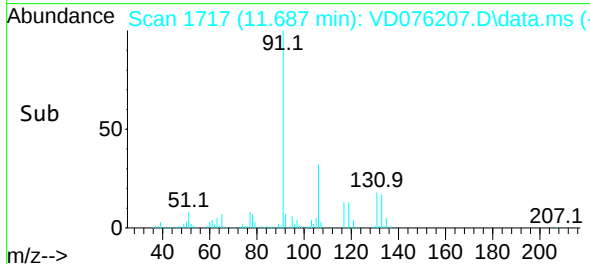
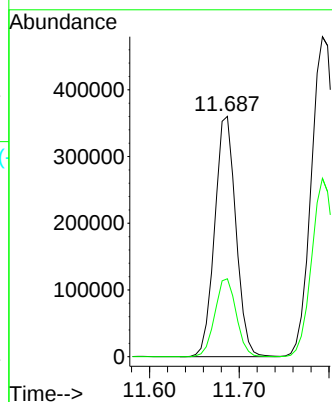
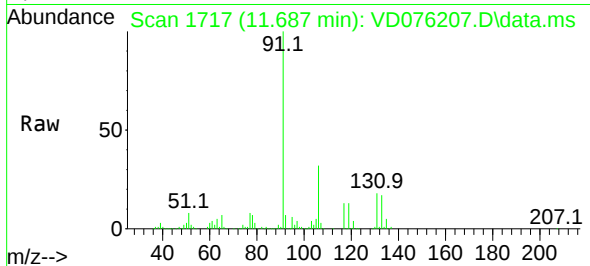




#67  
Ethyl Benzene  
Concen: 49.739 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

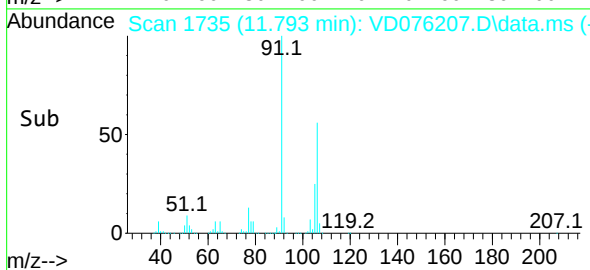
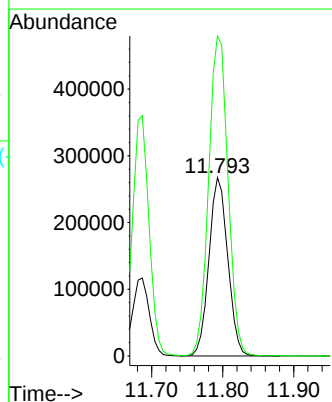
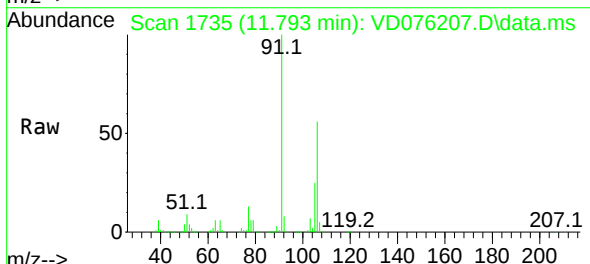
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

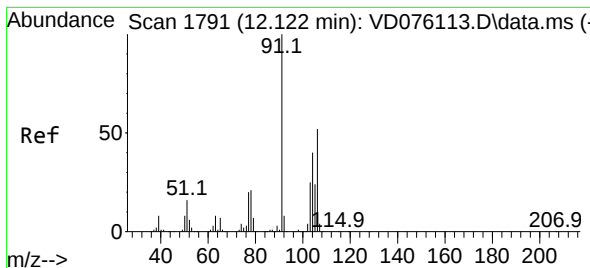
Tgt Ion: 91 Resp: 591348  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.5 36.7



#68  
m/p-Xylenes  
Concen: 101.116 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 106 Resp: 491333  
Ion Ratio Lower Upper  
106 100  
91 184.6 161.5 242.3





#69

o-Xylene

Concen: 50.716 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

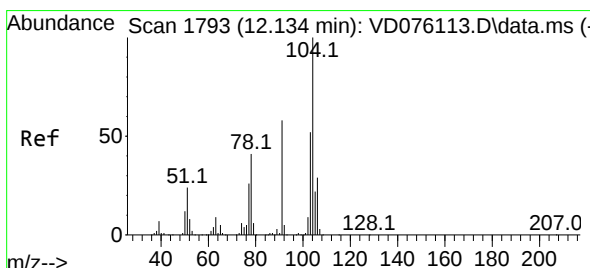
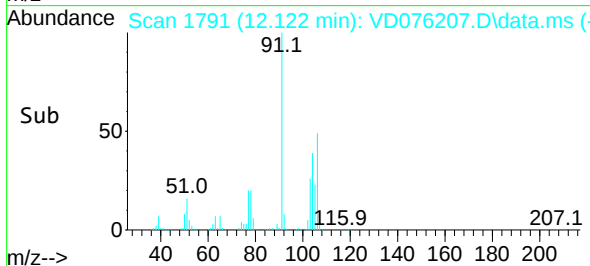
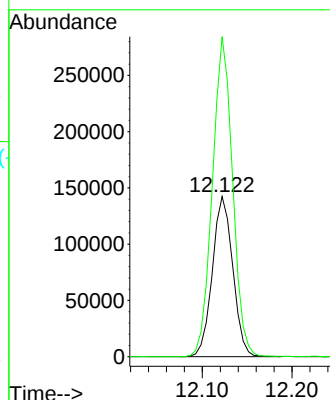
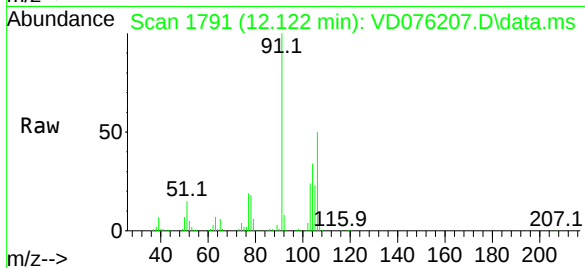
VSTDCCC050

Tgt Ion:106 Resp: 224862

Ion Ratio Lower Upper

106 100

91 198.1 105.7 317.1



#70

Styrene

Concen: 51.509 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

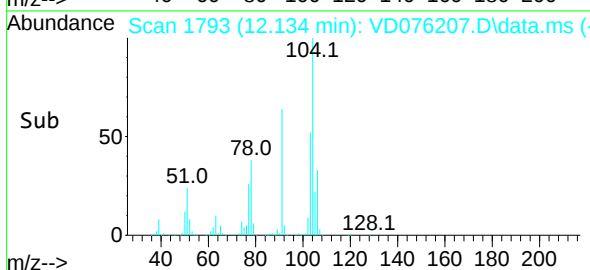
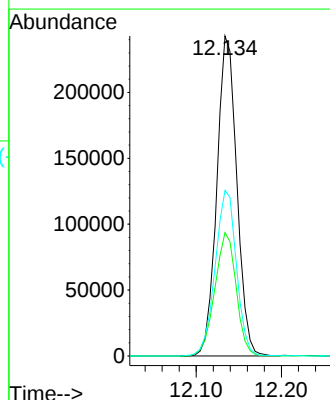
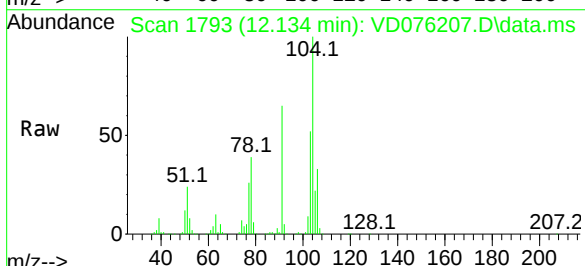
Tgt Ion:104 Resp: 395951

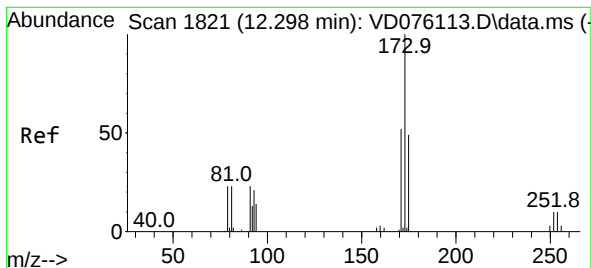
Ion Ratio Lower Upper

104 100

78 41.2 40.2 60.4

103 55.2 44.2 66.2





#71

Bromoform

Concen: 46.372 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.001 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

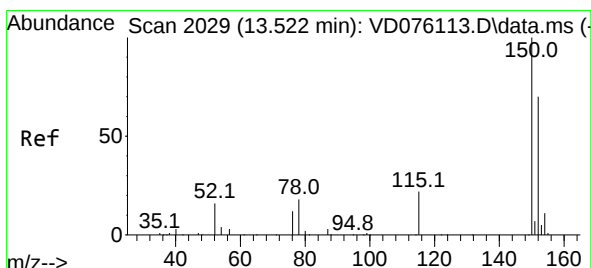
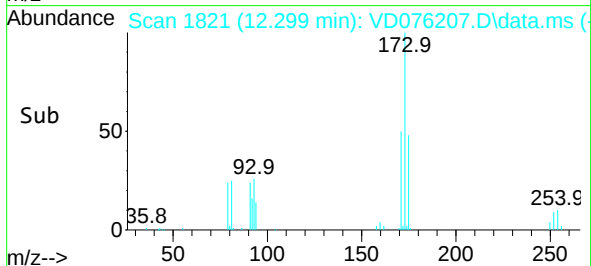
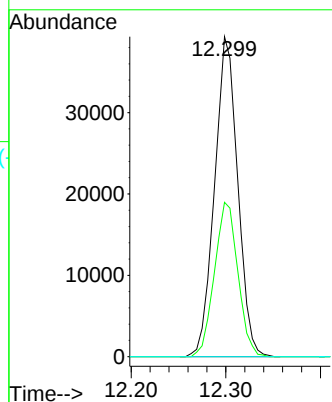
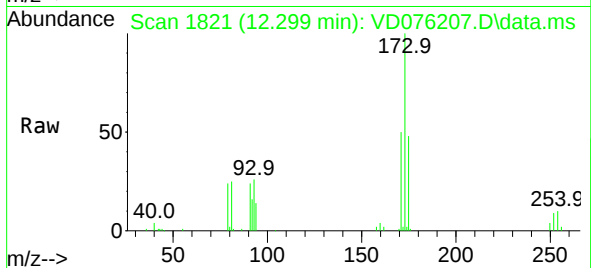
Tgt Ion:173 Resp: 66787

Ion Ratio Lower Upper

173 100

175 48.9 23.5 70.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

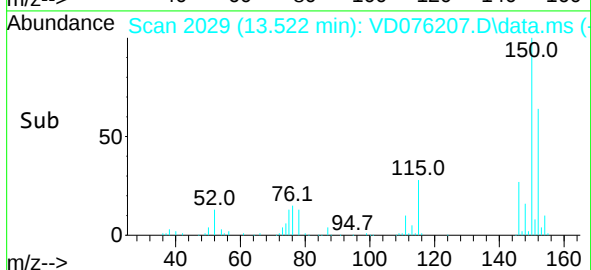
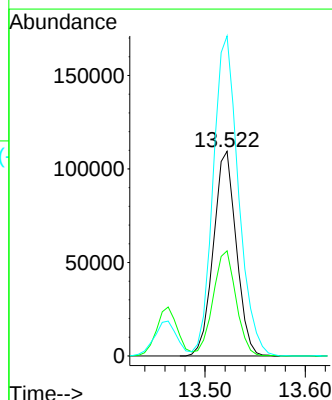
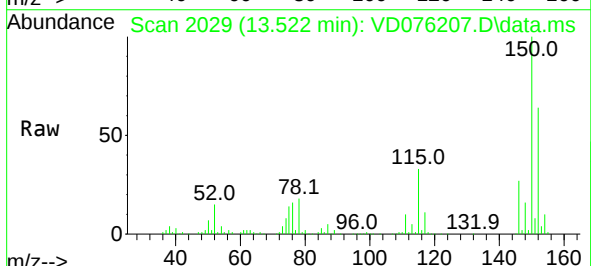
Tgt Ion:152 Resp: 173322

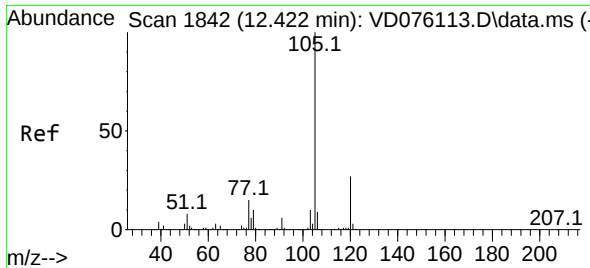
Ion Ratio Lower Upper

152 100

115 51.9 30.1 90.3

150 172.8 0.0 364.8

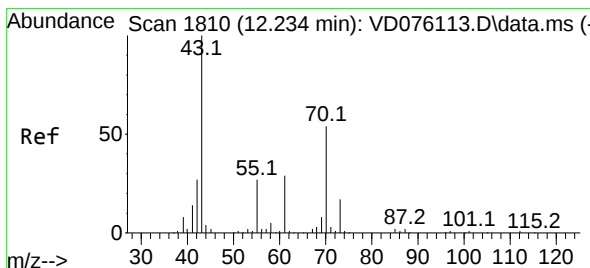
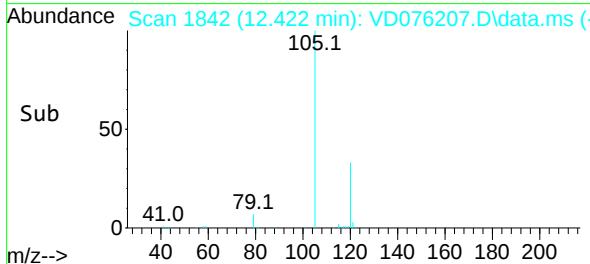
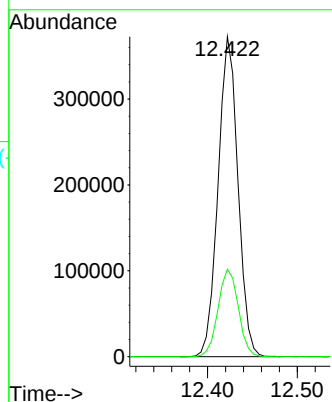
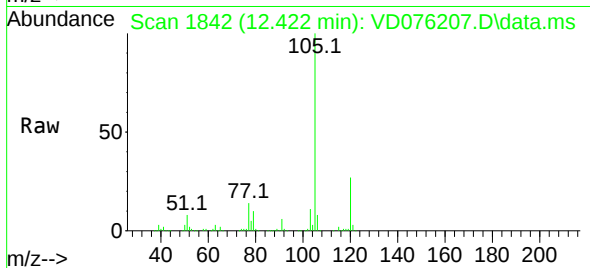




#73  
Isopropylbenzene  
Concen: 49.942 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

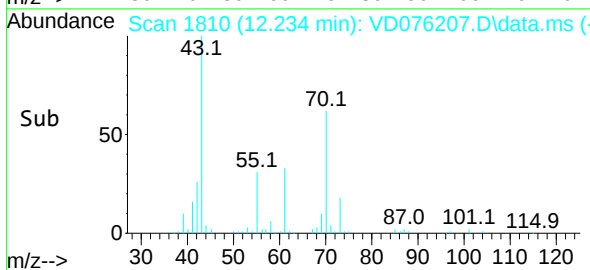
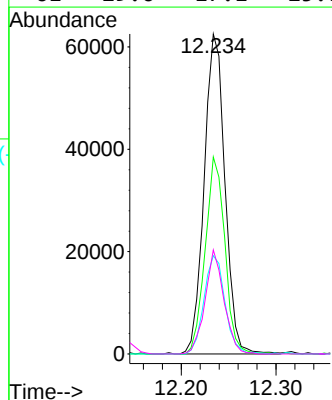
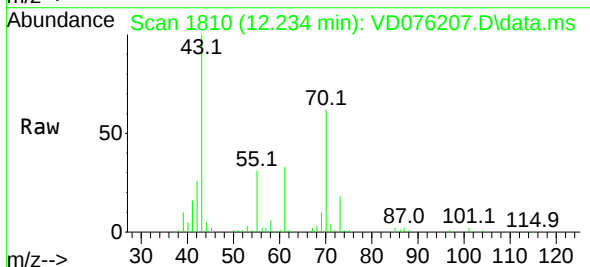
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

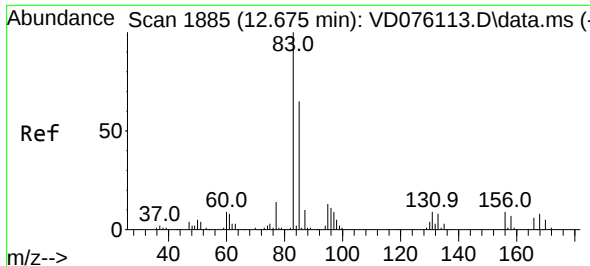
Tgt Ion:105 Resp: 572605  
Ion Ratio Lower Upper  
105 100  
120 27.8 13.4 40.1



#74  
N-ethyl acetate  
Concen: 46.663 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 43 Resp: 95296  
Ion Ratio Lower Upper  
43 100  
70 58.2 31.0 46.4#  
55 31.0 18.6 28.0#  
61 29.6 17.1 25.7#

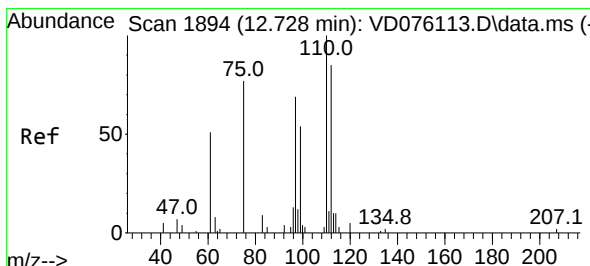
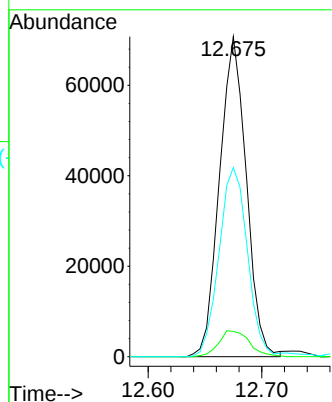
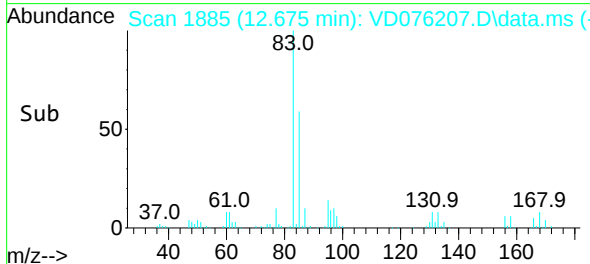
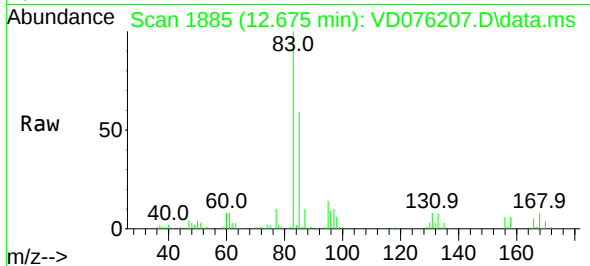




#75  
1,1,2,2-Tetrachloroethane  
Concen: 46.985 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

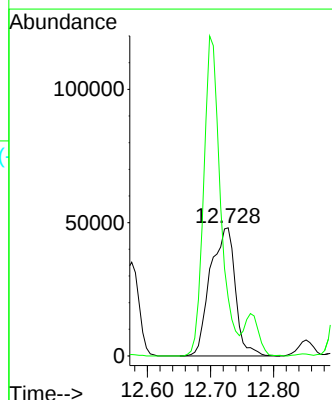
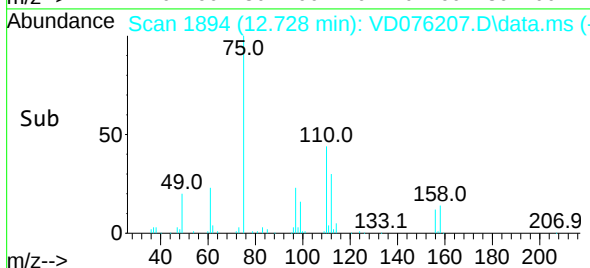
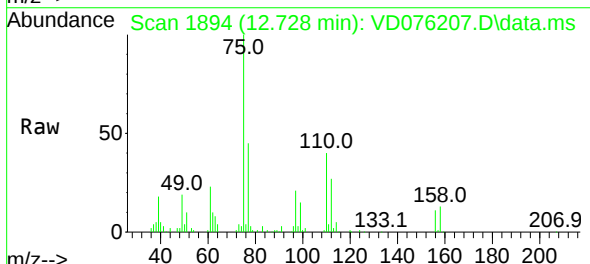
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

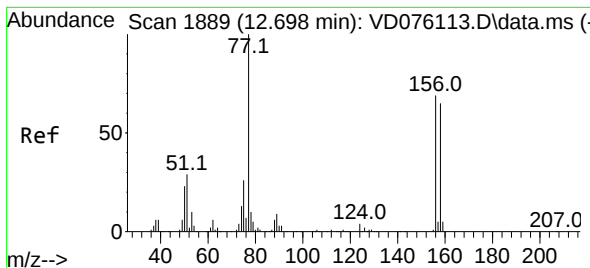
Tgt Ion: 83 Resp: 115781  
Ion Ratio Lower Upper  
83 100  
131 9.4 5.1 15.2  
85 63.6 33.6 100.6



#76  
1,2,3-Trichloropropane  
Concen: 87.367 ug/l  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 75 Resp: 132511  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.145 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

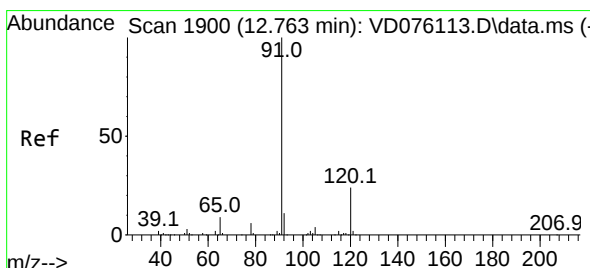
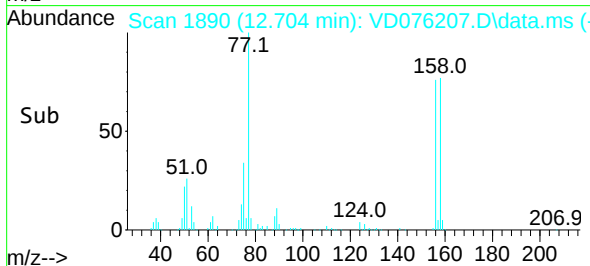
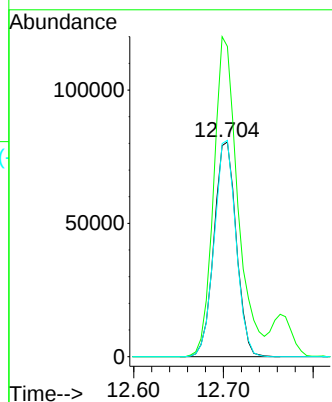
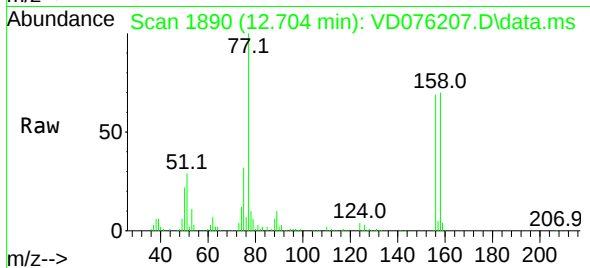
Tgt Ion:156 Resp: 138735

Ion Ratio Lower Upper

156 100

77 161.3 89.5 268.6

158 98.6 47.8 143.4



#78

n-propylbenzene

Concen: 49.187 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076207.D

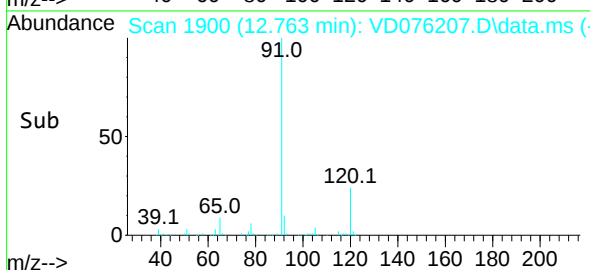
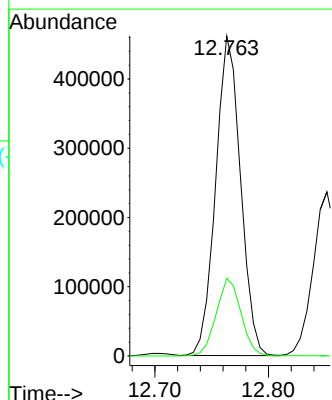
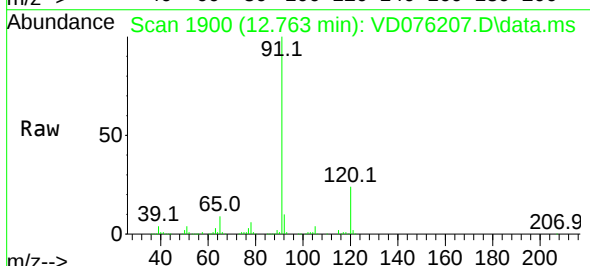
Acq: 24 May 2023 11:01

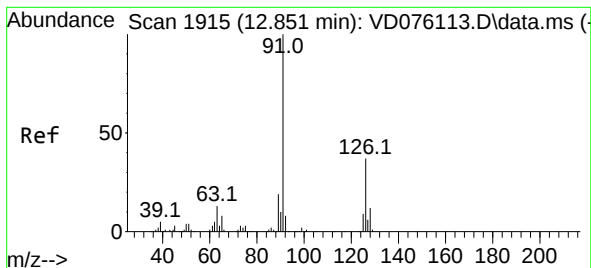
Tgt Ion: 91 Resp: 701959

Ion Ratio Lower Upper

91 100

120 24.2 11.4 34.2





#79

2-Chlorotoluene

Concen: 48.011 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

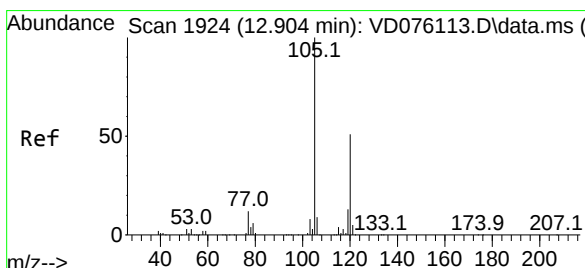
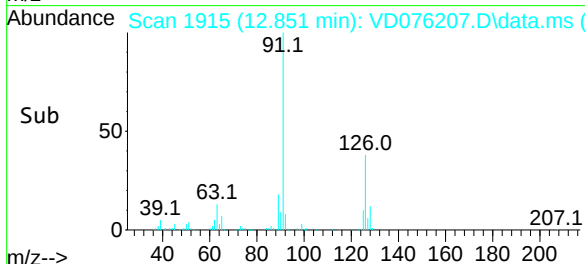
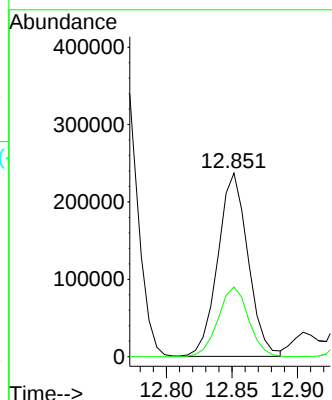
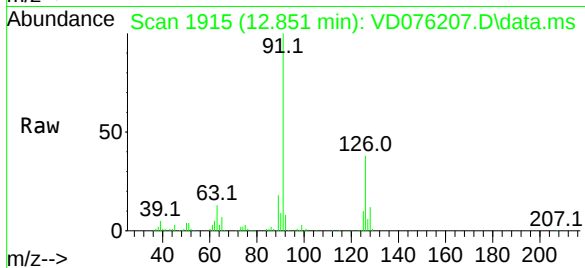
VSTDCCC050

Tgt Ion: 91 Resp: 379214

Ion Ratio Lower Upper

91 100

126 38.4 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 49.352 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076207.D

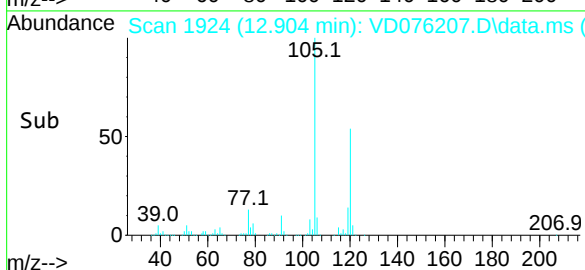
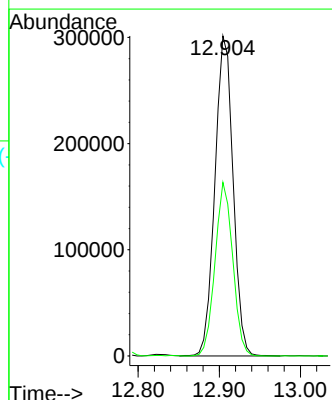
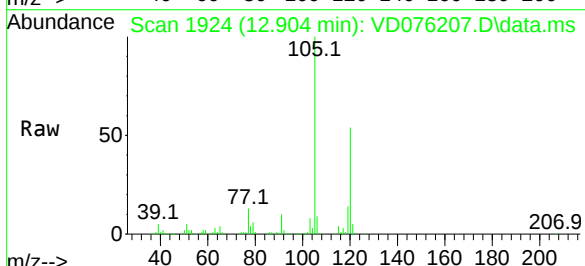
Acq: 24 May 2023 11:01

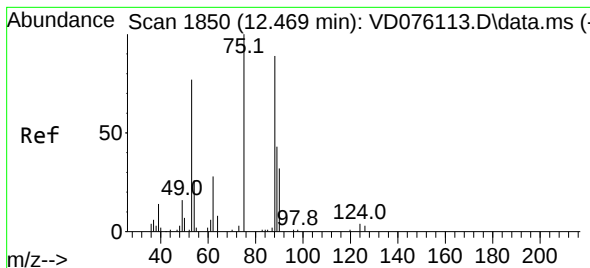
Tgt Ion: 105 Resp: 469082

Ion Ratio Lower Upper

105 100

120 52.8 24.3 72.8

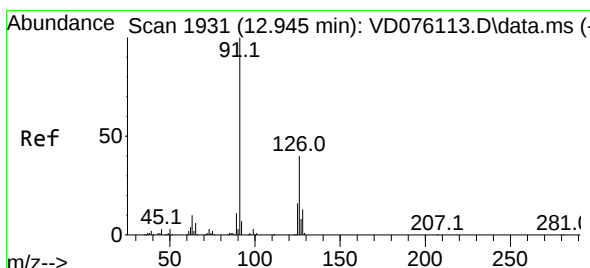
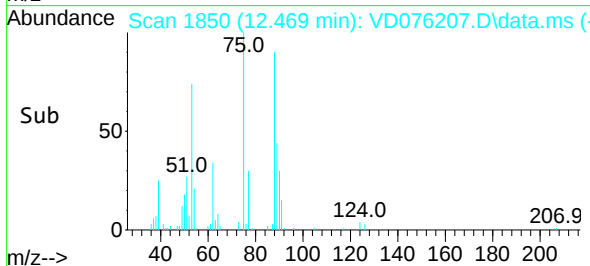
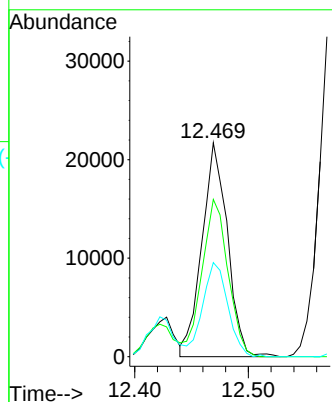
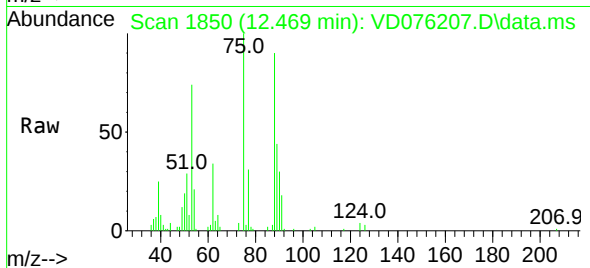




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.775 ug/l  
 RT: 12.469 min Scan# 1850  
 Delta R.T. -0.006 min  
 Lab File: VD076207.D  
 Acq: 24 May 2023 11:01

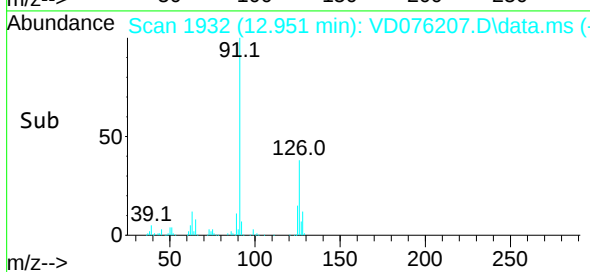
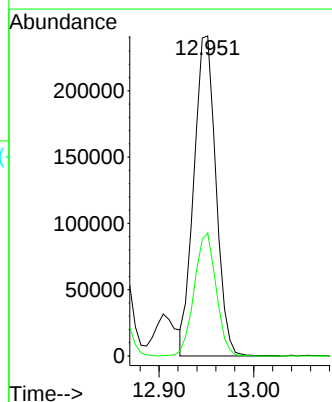
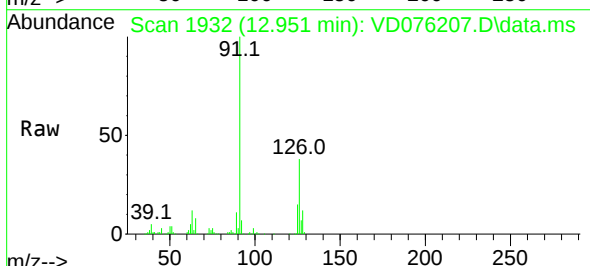
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

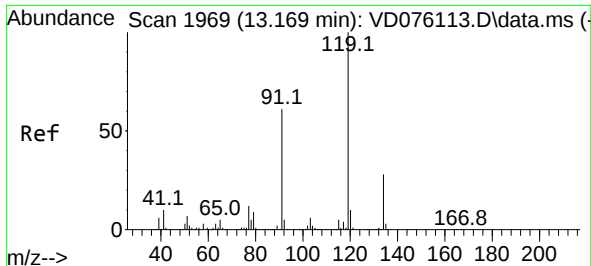
Tgt Ion: 75 Resp: 33818  
 Ion Ratio Lower Upper  
 75 100  
 53 75.4 90.5 135.7#  
 89 43.1 40.2 60.4



#82  
 4-Chlorotoluene  
 Concen: 46.473 ug/l  
 RT: 12.951 min Scan# 1932  
 Delta R.T. 0.000 min  
 Lab File: VD076207.D  
 Acq: 24 May 2023 11:01

Tgt Ion: 91 Resp: 390439  
 Ion Ratio Lower Upper  
 91 100  
 126 38.2 17.1 51.2

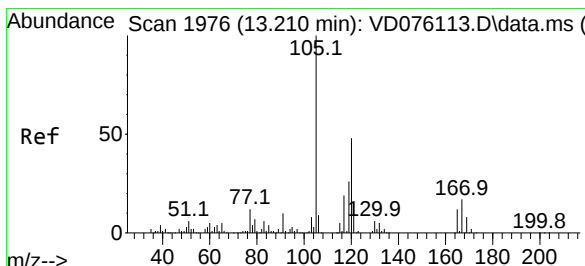
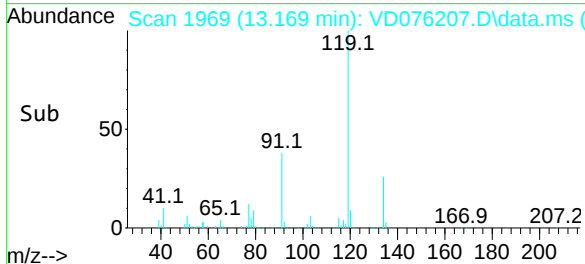
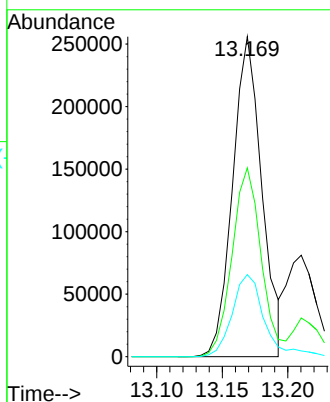
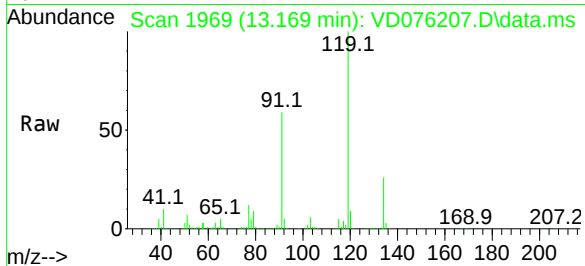




#83  
tert-Butylbenzene  
Concen: 49.467 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

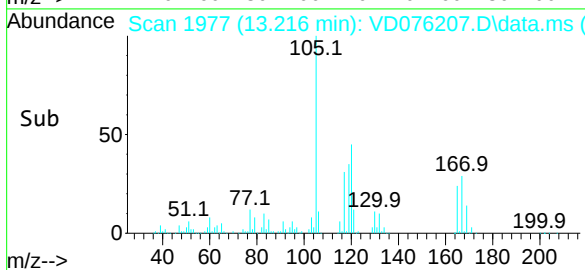
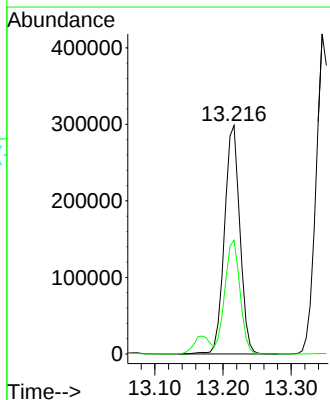
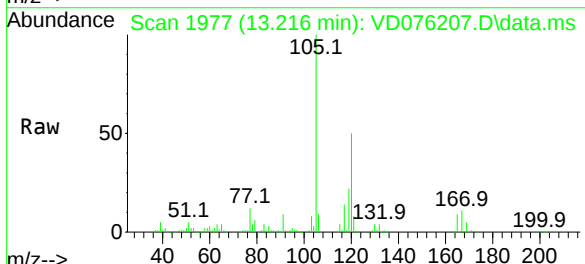
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

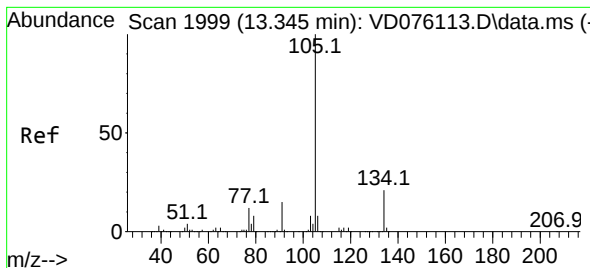
Tgt Ion:119 Resp: 397351  
Ion Ratio Lower Upper  
119 100  
91 59.2 32.4 97.0  
134 28.3 13.0 39.0



#84  
1,2,4-Trimethylbenzene  
Concen: 49.567 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:105 Resp: 469187  
Ion Ratio Lower Upper  
105 100  
120 49.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 49.726 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.001 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

Instrument :

MSVOA\_D

ClientSampleId :

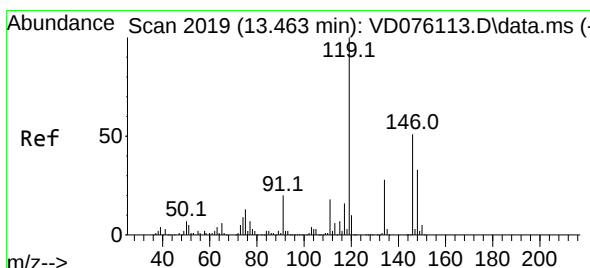
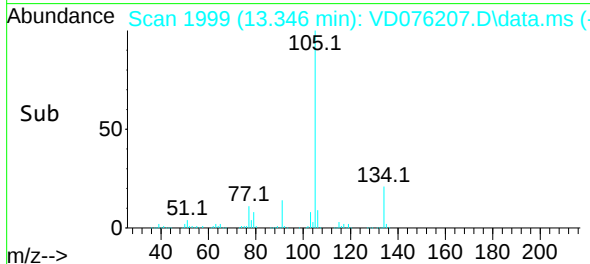
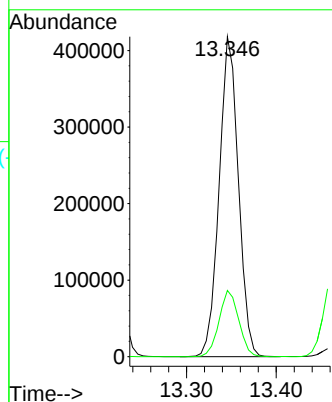
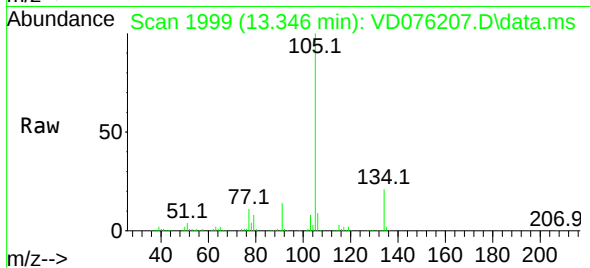
VSTDCCC050

Tgt Ion:105 Resp: 622506

Ion Ratio Lower Upper

105 100

134 21.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 49.967 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076207.D

Acq: 24 May 2023 11:01

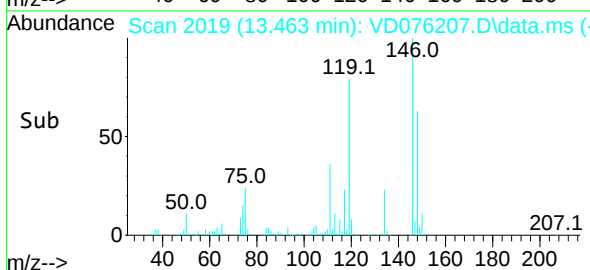
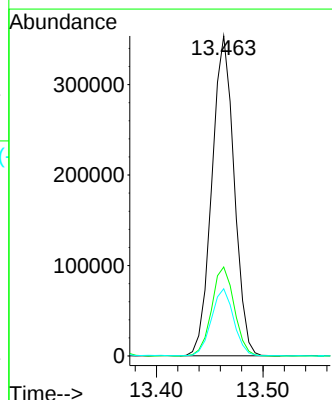
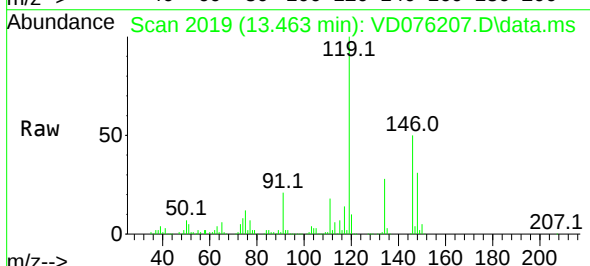
Tgt Ion:119 Resp: 511825

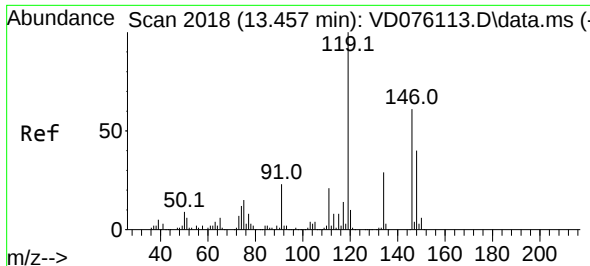
Ion Ratio Lower Upper

119 100

134 28.3 13.1 39.3

91 20.9 12.4 37.4

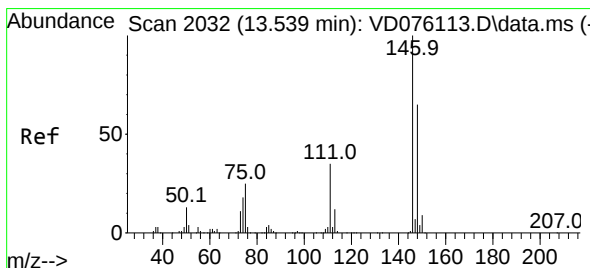
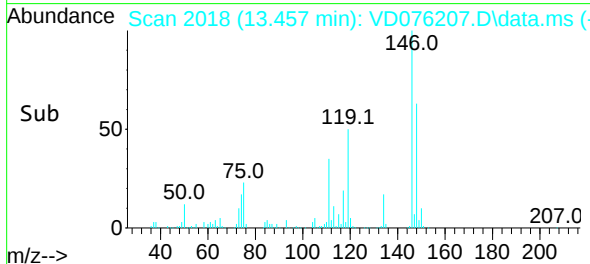
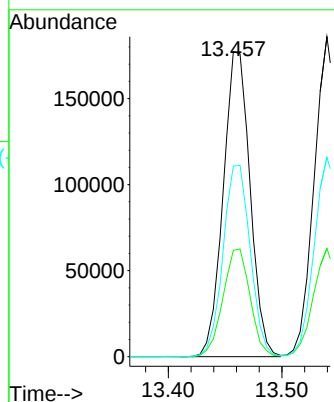
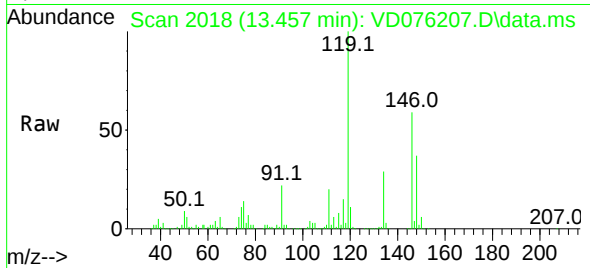




#87  
1,3-Dichlorobenzene  
Concen: 46.972 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

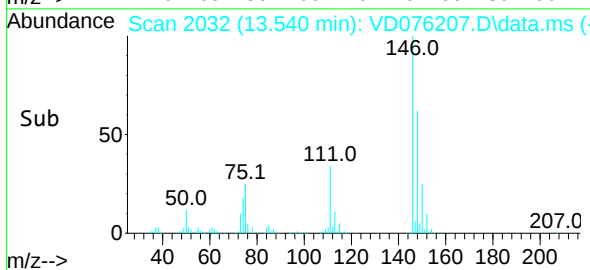
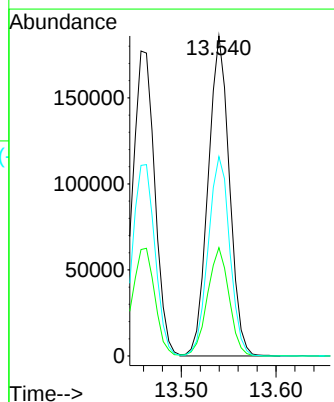
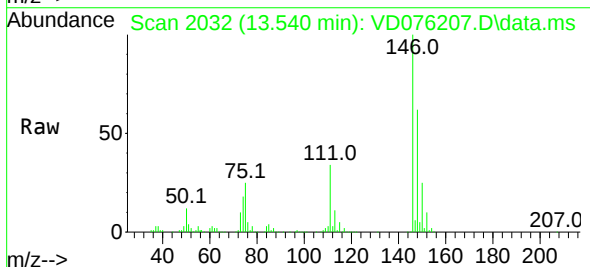
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

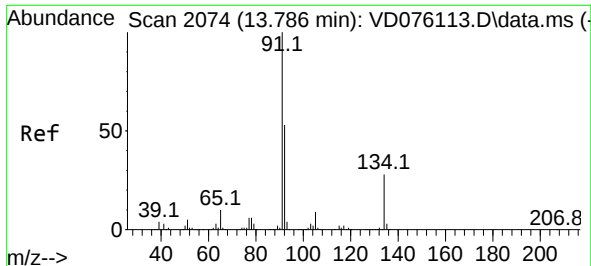
Tgt Ion:146 Resp: 291852  
Ion Ratio Lower Upper  
146 100  
111 35.6 19.8 59.3  
148 63.5 31.0 93.0



#88  
1,4-Dichlorobenzene  
Concen: 47.174 ug/l  
RT: 13.540 min Scan# 2032  
Delta R.T. 0.001 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:146 Resp: 290230  
Ion Ratio Lower Upper  
146 100  
111 34.3 19.6 58.8  
148 63.3 31.7 95.1

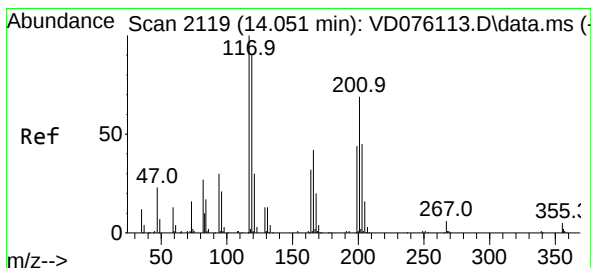
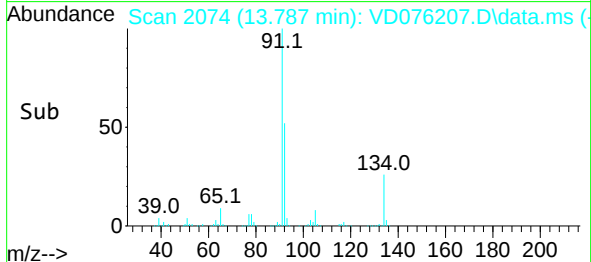
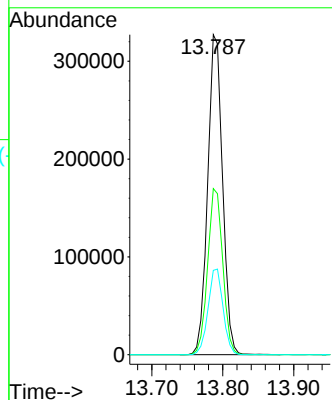
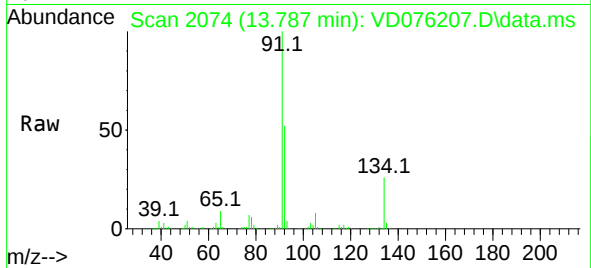




#89  
n-Butylbenzene  
Concen: 49.541 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. -0.005 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

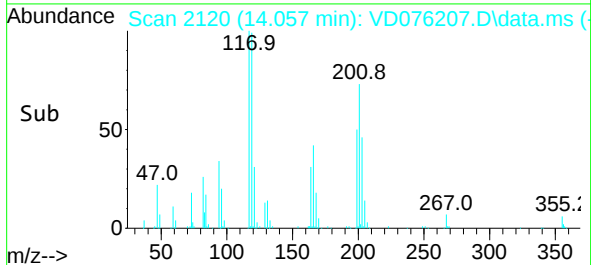
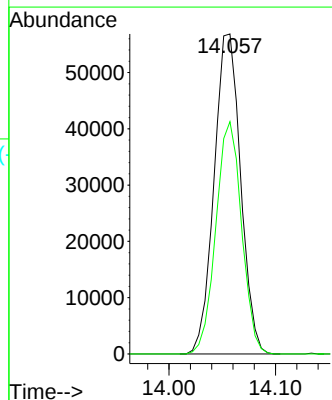
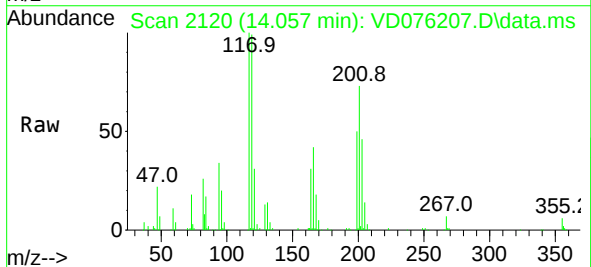
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

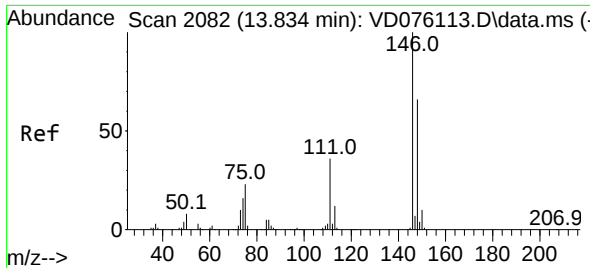
Tgt Ion: 91 Resp: 478222  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.2 78.5  
134 27.0 12.7 38.0



#90  
Hexachloroethane  
Concen: 46.724 ug/l  
RT: 14.057 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 117 Resp: 98448  
Ion Ratio Lower Upper  
117 100  
201 70.2 34.5 103.6

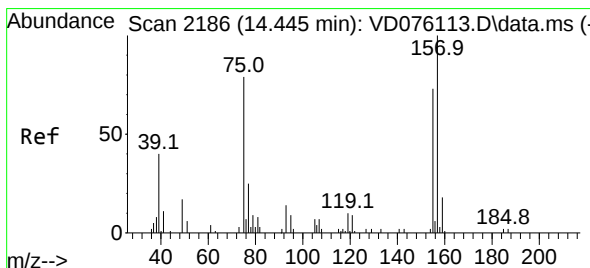
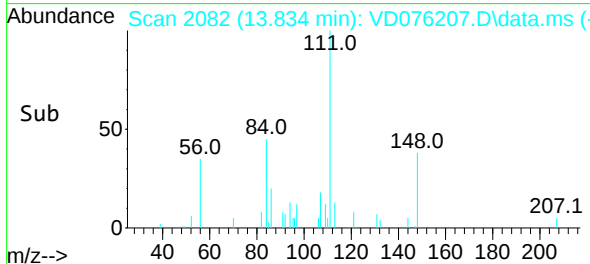
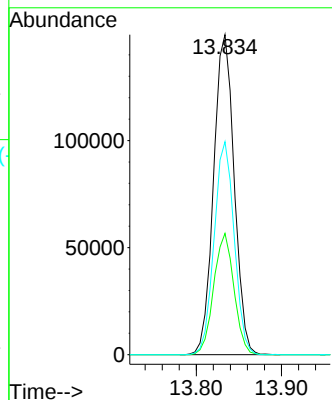
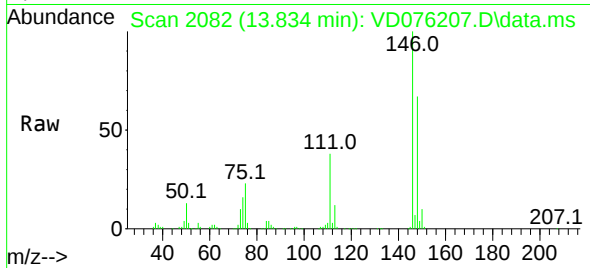




#91  
1,2-Dichlorobenzene  
Concen: 46.009 ug/l  
RT: 13.834 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

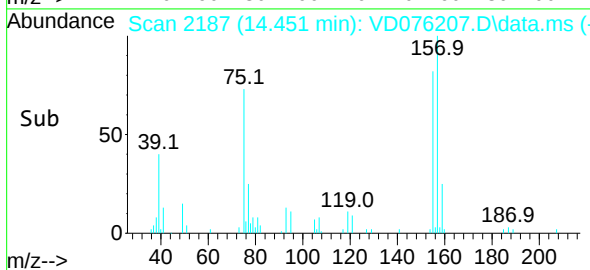
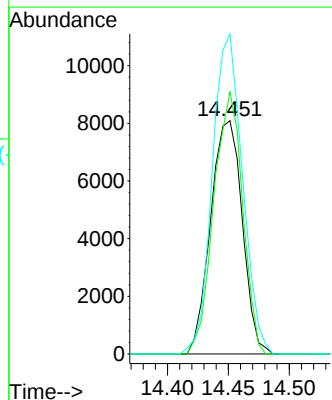
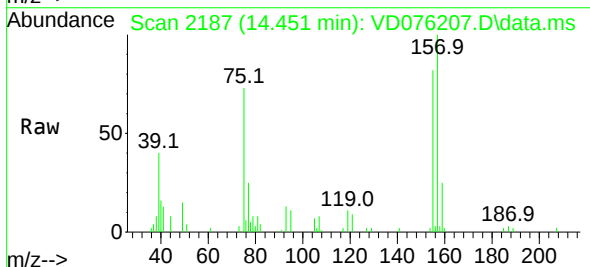
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

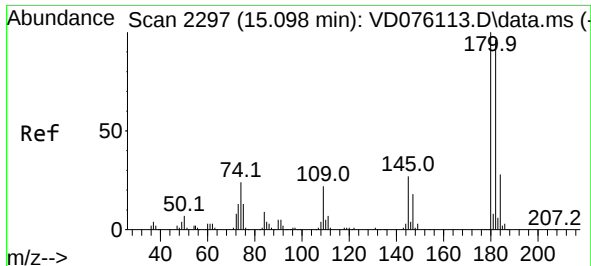
Tgt Ion:146 Resp: 250872  
Ion Ratio Lower Upper  
146 100  
111 37.2 20.6 61.8  
148 64.8 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.715 ug/l  
RT: 14.451 min Scan# 2187  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion: 75 Resp: 14627  
Ion Ratio Lower Upper  
75 100  
155 102.2 39.5 118.5  
157 130.6 53.5 160.7

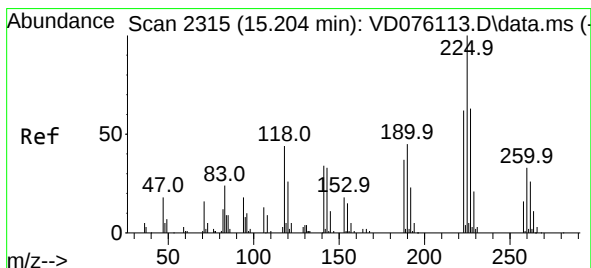
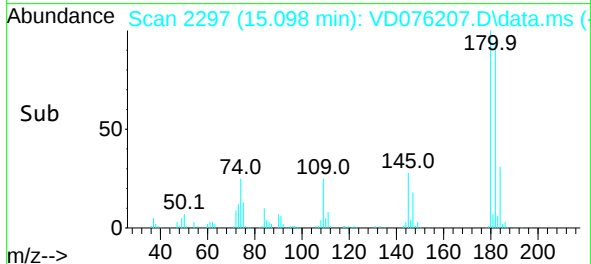
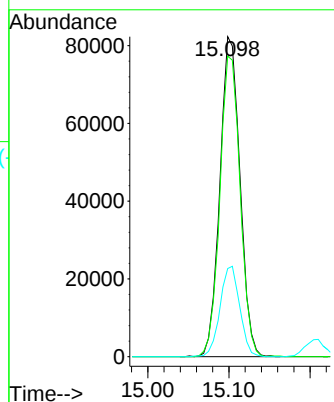
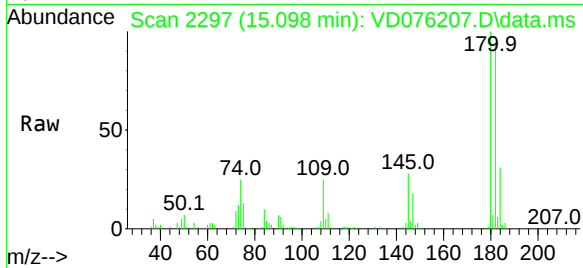




#93  
1,2,4-Trichlorobenzene  
Concen: 44.682 ug/l  
RT: 15.098 min Scan# 211  
Delta R.T. -0.006 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

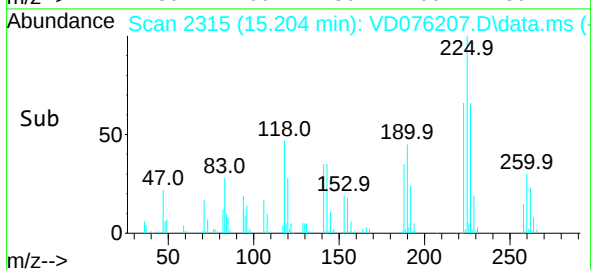
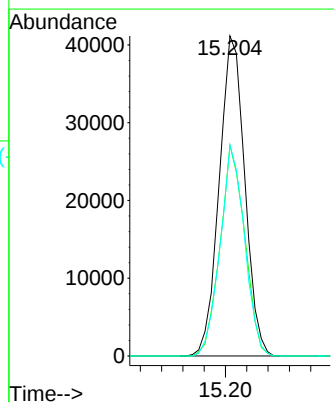
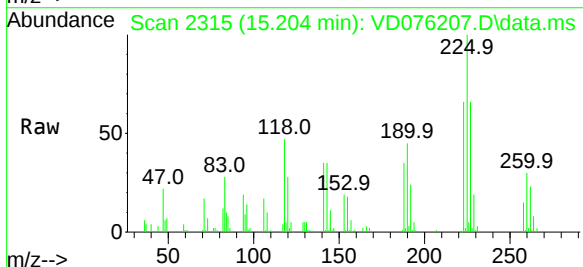
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

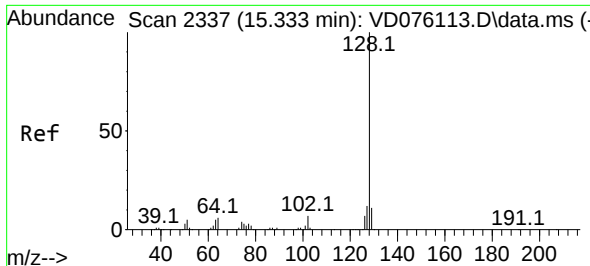
Tgt Ion:180 Resp: 141718  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.9 143.7  
145 27.7 15.9 47.7



#94  
Hexachlorobutadiene  
Concen: 42.243 ug/l  
RT: 15.204 min Scan# 2315  
Delta R.T. 0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:225 Resp: 68313  
Ion Ratio Lower Upper  
225 100  
223 63.7 33.1 99.2  
227 62.9 31.9 95.9

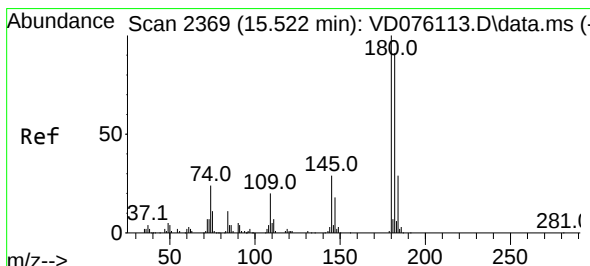
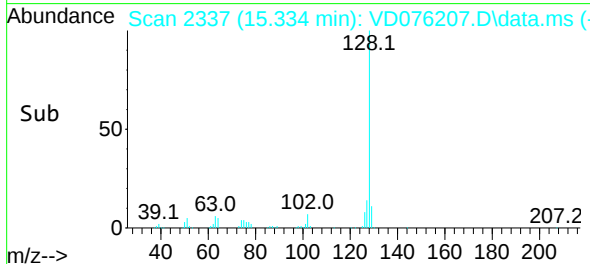
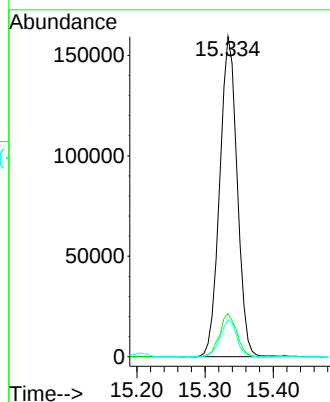
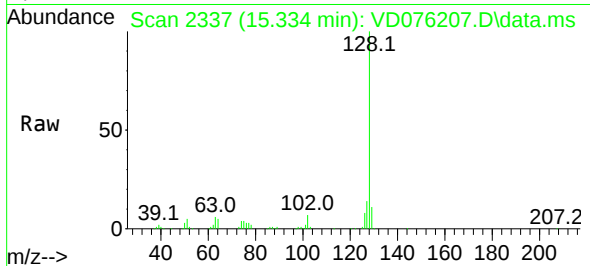




#95  
Naphthalene  
Concen: 48.190 ug/l  
RT: 15.334 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 283996  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.4 15.6  
129 10.8 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 44.872 ug/l  
RT: 15.528 min Scan# 2370  
Delta R.T. -0.000 min  
Lab File: VD076207.D  
Acq: 24 May 2023 11:01

Tgt Ion:180 Resp: 129435  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.7 143.1  
145 30.0 16.4 49.4

