

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012423\  
 Data File : VD075181.D  
 Acq On : 24 Jan 2023 10:40  
 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: Jan 25 00:31:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 19 01:32:27 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 7.875  | 168   | 71321    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 125458   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 111415   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.522 | 152   | 52066    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 39250    | 53.931   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 107.860% |          |
| 35) Dibromofluoromethane     | 7.811  | 113   | 40109    | 52.907   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 105.820% |          |
| 50) Toluene-d8               | 10.269 | 98    | 162119   | 54.312   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | = 108.620% |          |
| 62) 4-Bromofluorobenzene     | 12.575 | 95    | 50037    | 52.819   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | = 105.640% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.928  | 85    | 26817    | 48.162   | ug/l       | 96       |
| 3) Chloromethane             | 2.146  | 50    | 41494    | 45.038   | ug/l       | 98       |
| 4) Vinyl Chloride            | 2.281  | 62    | 44852    | 45.370   | ug/l       | 96       |
| 5) Bromomethane              | 2.693  | 94    | 30028    | 44.663   | ug/l       | 97       |
| 6) Chloroethane              | 2.834  | 64    | 32544    | 47.478   | ug/l       | 97       |
| 7) Trichlorofluoromethane    | 3.175  | 101   | 61702    | 49.103   | ug/l       | 98       |
| 8) Diethyl Ether             | 3.599  | 74    | 19457    | 48.057   | ug/l       | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 3.970  | 101   | 39752    | 51.245   | ug/l       | 97       |
| 10) Methyl Iodide            | 4.170  | 142   | 48025    | 45.991   | ug/l       | 98       |
| 11) Tert butyl alcohol       | 5.052  | 59    | 10286    | 202.593  | ug/l #     | 95       |
| 12) 1,1-Dichloroethene       | 3.940  | 96    | 39589    | 48.478   | ug/l       | 97       |
| 13) Acrolein                 | 3.799  | 56    | 11227    | 270.515  | ug/l       | 90       |
| 14) Allyl chloride           | 4.564  | 41    | 65360    | 49.316   | ug/l       | 96       |
| 15) Acrylonitrile            | 5.258  | 53    | 45432    | 265.377  | ug/l       | 97       |
| 16) Acetone                  | 4.022  | 43    | 53472    | 278.576  | ug/l       | 99       |
| 17) Carbon Disulfide         | 4.275  | 76    | 130693   | 49.341   | ug/l       | 96       |
| 18) Methyl Acetate           | 4.564  | 43    | 26861    | 51.483   | ug/l       | 98       |
| 19) Methyl tert-butyl Ether  | 5.311  | 73    | 86175    | 50.515   | ug/l       | 93       |
| 20) Methylene Chloride       | 4.799  | 84    | 47435    | 46.964   | ug/l       | 94       |
| 21) trans-1,2-Dichloroethene | 5.311  | 96    | 46171    | 50.787   | ug/l       | 92       |
| 22) Diisopropyl ether        | 6.222  | 45    | 128429   | 52.064   | ug/l       | 94       |
| 23) Vinyl Acetate            | 6.158  | 43    | 246888   | 227.087  | ug/l       | 98       |
| 24) 1,1-Dichloroethane       | 6.116  | 63    | 79483    | 51.273   | ug/l       | 98       |
| 25) 2-Butanone               | 7.081  | 43    | 62830    | 270.830  | ug/l       | 91       |
| 26) 2,2-Dichloropropane      | 7.081  | 77    | 66875    | 48.393   | ug/l       | 99       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 50426    | 50.884   | ug/l       | 98       |
| 28) Bromochloromethane       | 7.428  | 49    | 21832    | 51.582   | ug/l       | 95       |
| 29) Tetrahydrofuran          | 7.446  | 42    | 33878    | 256.034  | ug/l       | 98       |
| 30) Chloroform               | 7.599  | 83    | 78970    | 51.084   | ug/l       | 97       |
| 31) Cyclohexane              | 7.881  | 56    | 72103    | 49.399   | ug/l       | 96       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 68368    | 51.334   | ug/l       | 99       |
| 36) 1,1-Dichloropropene      | 8.010  | 75    | 62531    | 51.337   | ug/l       | 99       |
| 37) Ethyl Acetate            | 7.169  | 43    | 23972    | 48.851   | ug/l       | 98       |
| 38) Carbon Tetrachloride     | 7.993  | 117   | 52908    | 51.590   | ug/l       | 97       |
| 39) Methylcyclohexane        | 9.275  | 83    | 77052    | 51.332   | ug/l       | 98       |
| 40) Benzene                  | 8.252  | 78    | 176798   | 50.898   | ug/l       | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012423\  
 Data File : VD075181.D  
 Acq On : 24 Jan 2023 10:40  
 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: Jan 25 00:31:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 19 01:32:27 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.405  | 41   | 14224    | 48.172   | ug/l # | 91       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 46994    | 51.504   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.358  | 43   | 48941    | 51.250   | ug/l   | 99       |
| 44) Trichloroethene           | 9.028  | 130  | 48179    | 49.323   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 44306    | 51.780   | ug/l   | 99       |
| 46) Dibromomethane            | 9.393  | 93   | 24214    | 53.659   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.587  | 83   | 57405    | 51.276   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.381  | 41   | 22998    | 49.249   | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.387  | 88   | 4436     | 1029.706 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 122855   | 267.906  | ug/l   | 96       |
| 52) Toluene                   | 10.334 | 92   | 111649   | 50.862   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.557 | 75   | 54244    | 51.213   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 68469    | 52.912   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.740 | 97   | 31095    | 52.069   | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 37468    | 52.171   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 53713    | 52.342   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 64163    | 261.092  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 89566    | 270.122  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.075 | 129  | 36717    | 51.009   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 28914    | 50.674   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 38986    | 49.001   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.610 | 112  | 115440   | 50.565   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 38579    | 50.239   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.687 | 91   | 209731   | 51.035   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.793 | 106  | 163177   | 102.788  | ug/l   | 99       |
| 69) o-Xylene                  | 12.122 | 106  | 76751    | 51.541   | ug/l   | 99       |
| 70) Styrene                   | 12.134 | 104  | 125416   | 50.663   | ug/l   | 99       |
| 71) Bromoform                 | 12.304 | 173  | 20232    | 51.024   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.422 | 105  | 203501   | 49.482   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 42539    | 47.218   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 33592    | 51.265   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.728 | 75   | 41231    | 93.503   | ug/l # | 100      |
| 77) Bromobenzene              | 12.704 | 156  | 44336    | 47.197   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.769 | 91   | 249546   | 49.378   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 136236   | 49.014   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 167378   | 49.675   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.475 | 75   | 9348     | 49.173   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.951 | 91   | 139283   | 48.739   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.169 | 119  | 141595   | 48.567   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.216 | 105  | 163820   | 49.506   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.345 | 105  | 219160   | 49.484   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 180227   | 49.705   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.463 | 146  | 89412    | 49.103   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.540 | 146  | 87776    | 48.994   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.787 | 91   | 177028   | 50.103   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.057 | 117  | 32347    | 50.519   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 76343    | 49.005   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 5141     | 51.313   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.104 | 180  | 46537    | 45.491   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 23715    | 47.302   | ug/l   | 99       |
| 95) Naphthalene               | 15.334 | 128  | 93763    | 46.041   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.528 | 180  | 41252    | 47.259   | ug/l   | 99       |

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Data File : VD075181.D  
Acq On : 24 Jan 2023 10:40  
Operator : KP/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

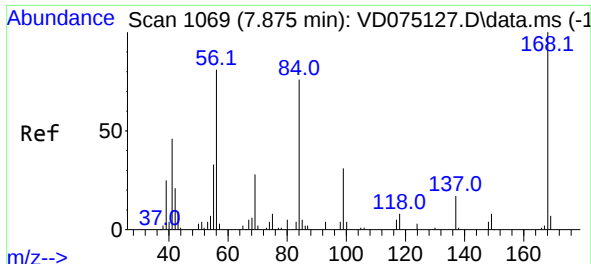
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Quant Time: Jan 25 00:31:34 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011823S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 19 01:32:27 2023  
Response via : Initial Calibration

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

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

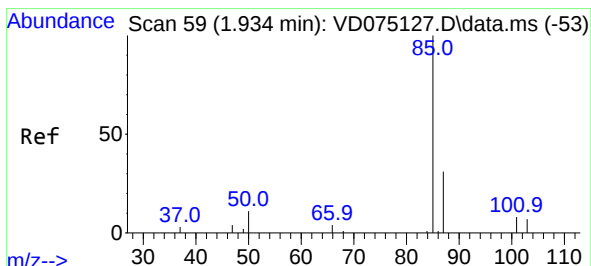
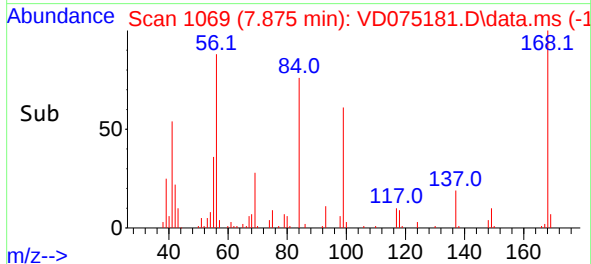
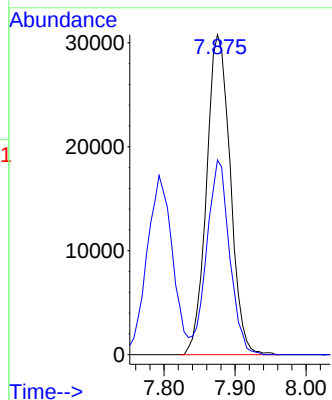
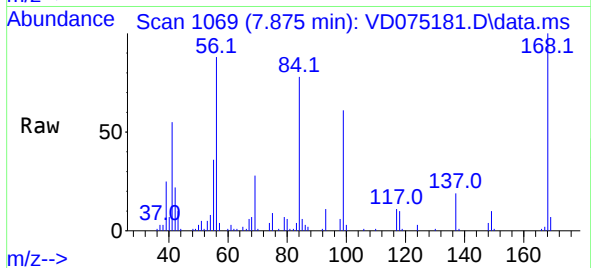




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

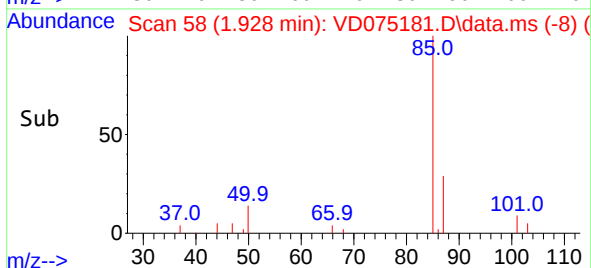
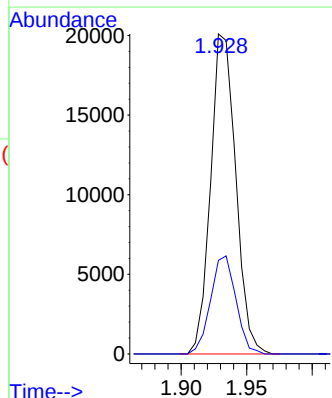
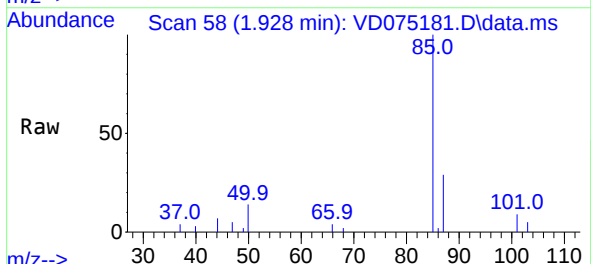
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 71321  
Ion Ratio Lower Upper  
168 100  
99 60.8 45.2 67.8

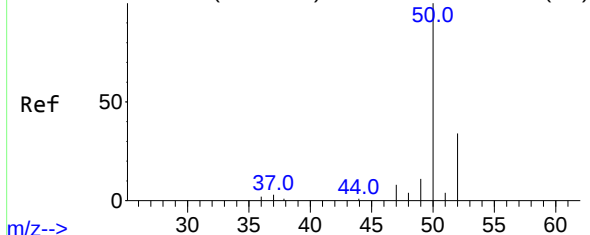


#2  
Dichlorodifluoromethane  
Concen: 48.162 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 85 Resp: 26817  
Ion Ratio Lower Upper  
85 100  
87 29.3 15.7 47.0



Abundance Scan 95 (2.146 min): VD075127.D\data.ms (-89)



#3

Chloromethane

Concen: 45.038 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

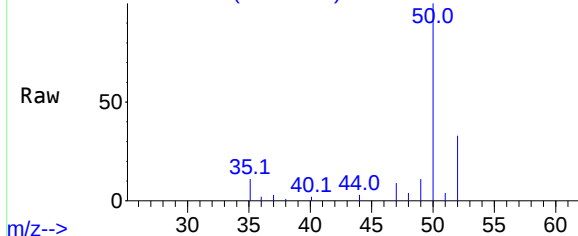
Tgt Ion: 50 Resp: 41494

Ion Ratio Lower Upper

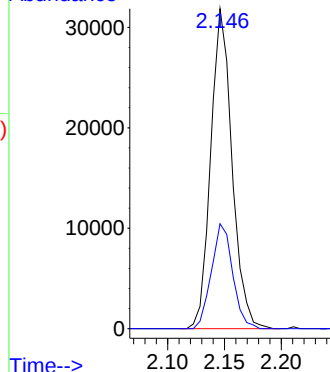
50 100

52 32.8 27.0 40.6

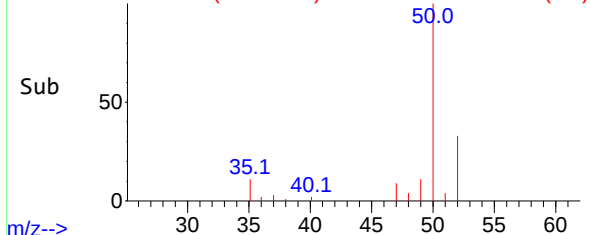
Abundance Scan 95 (2.146 min): VD075181.D\data.ms



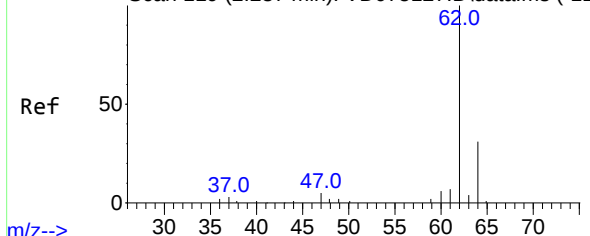
Abundance



Abundance Scan 95 (2.146 min): VD075181.D\data.ms (-44)



Abundance Scan 119 (2.287 min): VD075127.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 45.370 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.006 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

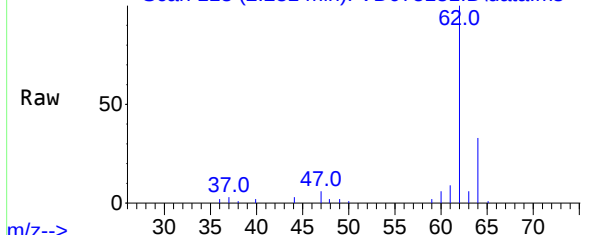
Tgt Ion: 62 Resp: 44852

Ion Ratio Lower Upper

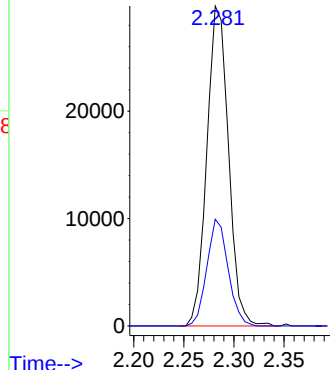
62 100

64 33.3 24.8 37.2

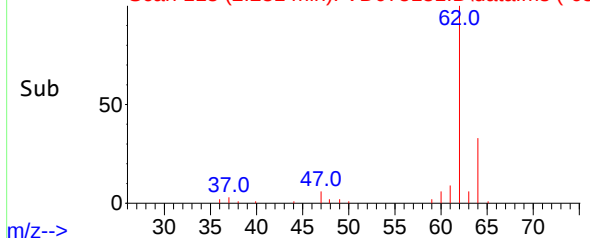
Abundance Scan 118 (2.281 min): VD075181.D\data.ms

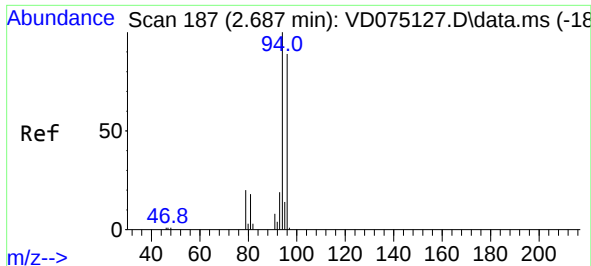


Abundance



Abundance Scan 118 (2.281 min): VD075181.D\data.ms (-68)

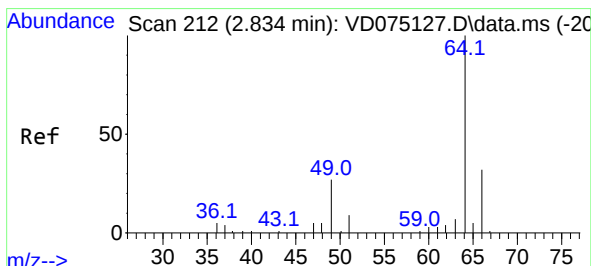
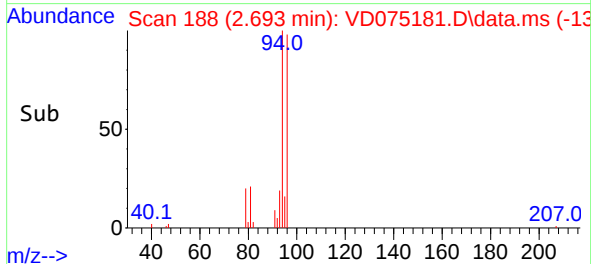
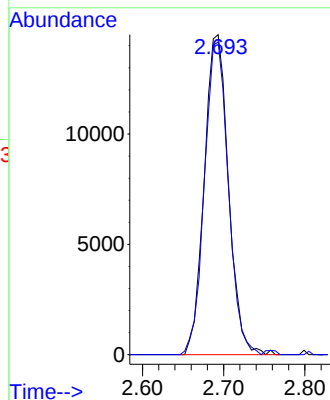
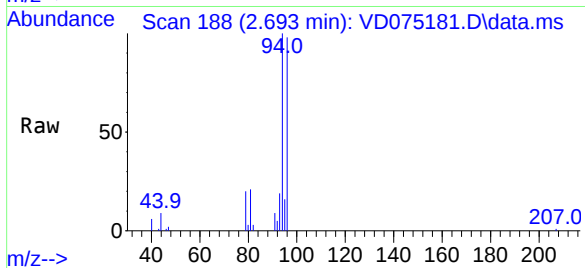




#5  
Bromomethane  
Concen: 44.663 ug/l  
RT: 2.693 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

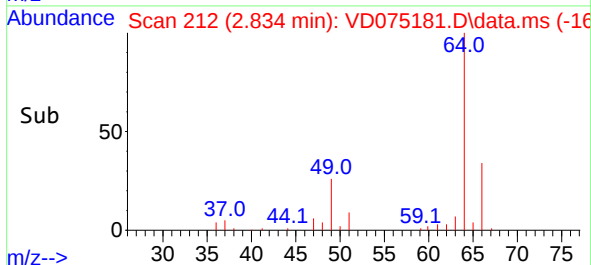
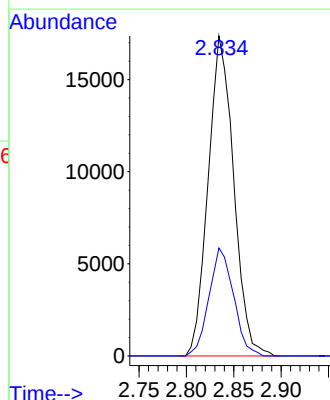
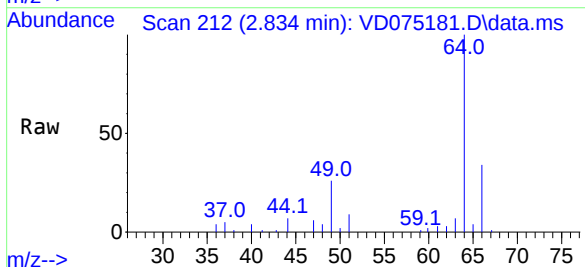
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

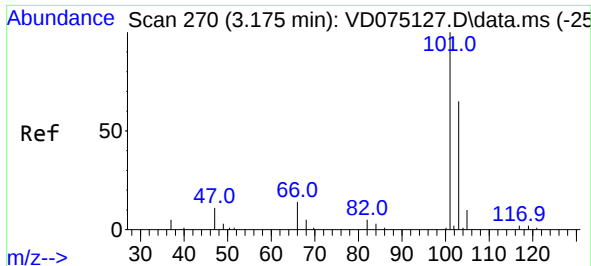
Tgt Ion: 94 Resp: 30028  
Ion Ratio Lower Upper  
94 100  
96 96.7 74.8 112.2



#6  
Chloroethane  
Concen: 47.478 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 64 Resp: 32544  
Ion Ratio Lower Upper  
64 100  
66 33.7 25.4 38.2

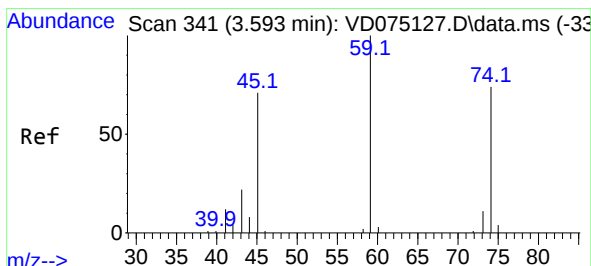
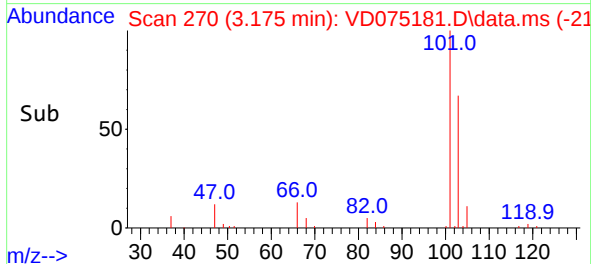
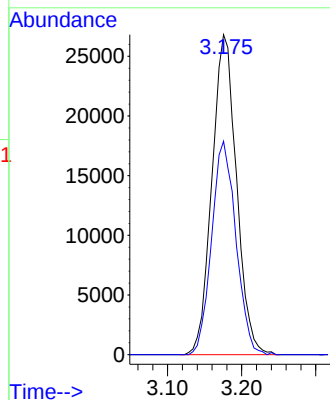
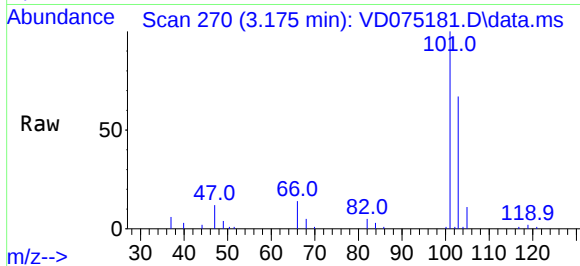




#7  
Trichlorofluoromethane  
Concen: 49.103 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

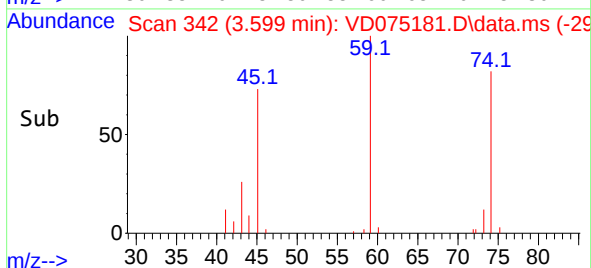
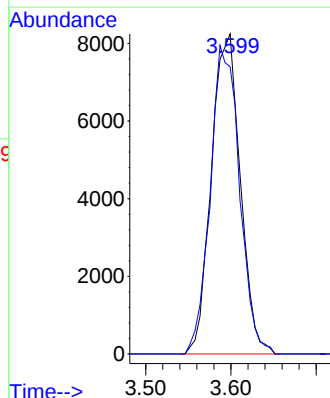
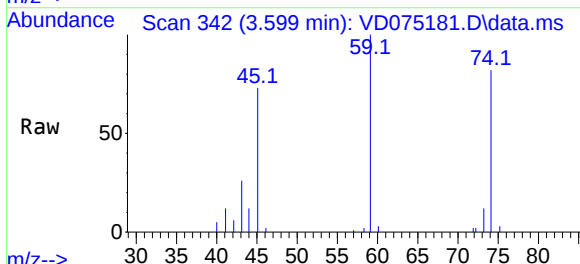
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

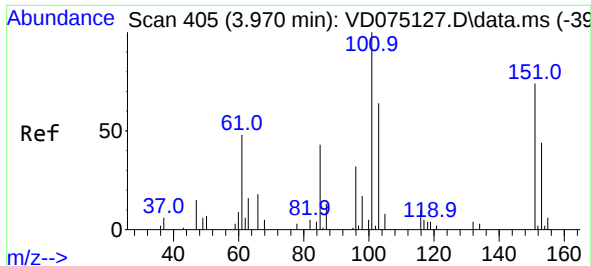
Tgt Ion:101 Resp: 61702  
Ion Ratio Lower Upper  
101 100  
103 66.7 52.2 78.4



#8  
Diethyl Ether  
Concen: 48.057 ug/l  
RT: 3.599 min Scan# 342  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 74 Resp: 19457  
Ion Ratio Lower Upper  
74 100  
45 97.2 49.8 149.3

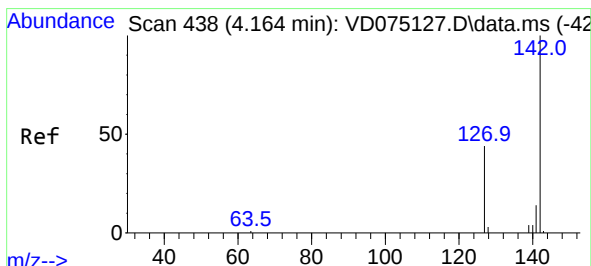
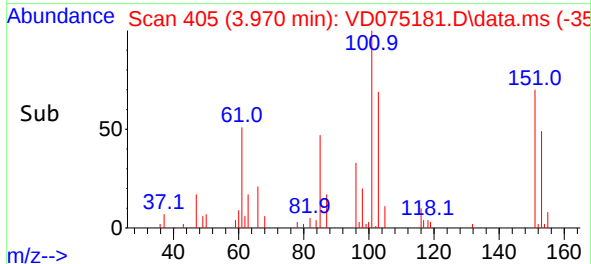
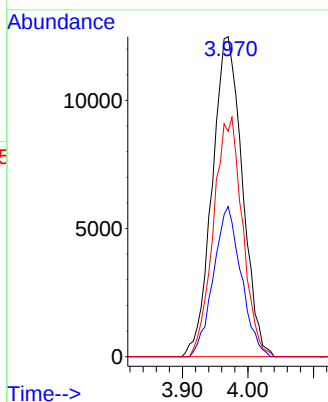
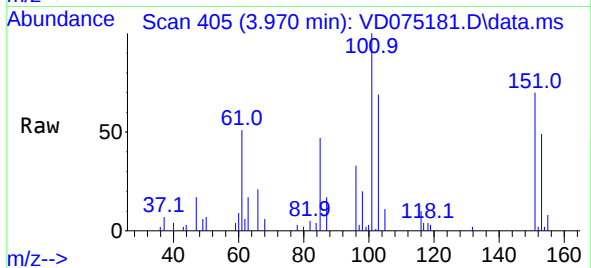




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.245 ug/l  
RT: 3.970 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

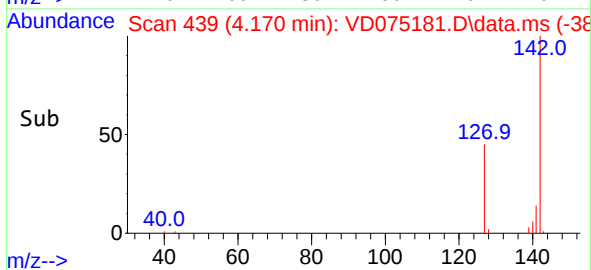
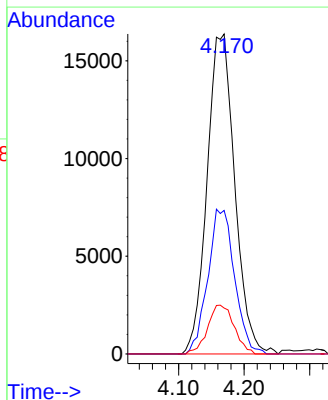
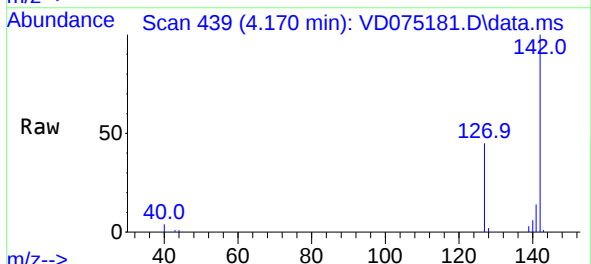
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

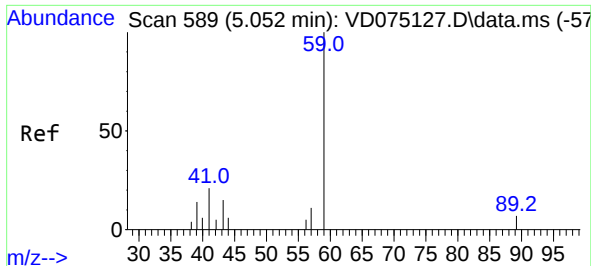
Tgt Ion:101 Resp: 39752  
Ion Ratio Lower Upper  
101 100  
85 43.3 36.9 55.3  
151 72.0 58.9 88.3



#10  
Methyl Iodide  
Concen: 45.991 ug/l  
RT: 4.170 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:142 Resp: 48025  
Ion Ratio Lower Upper  
142 100  
127 43.7 33.6 50.4  
141 14.6 11.1 16.7

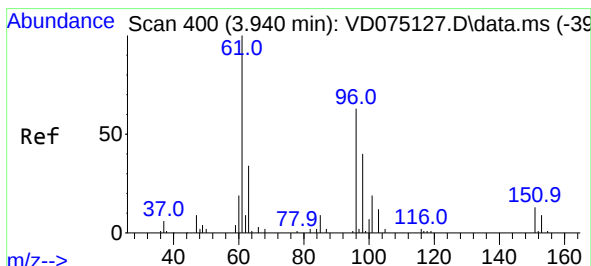
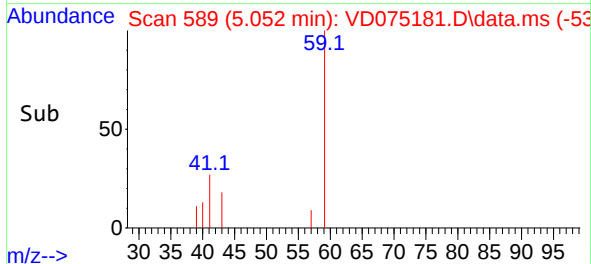
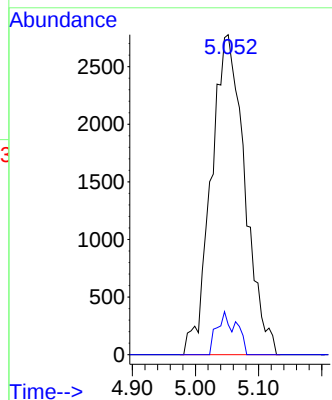
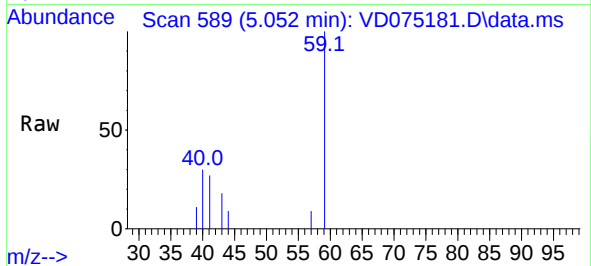




#11  
Tert butyl alcohol  
Concen: 202.593 ug/l  
RT: 5.052 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

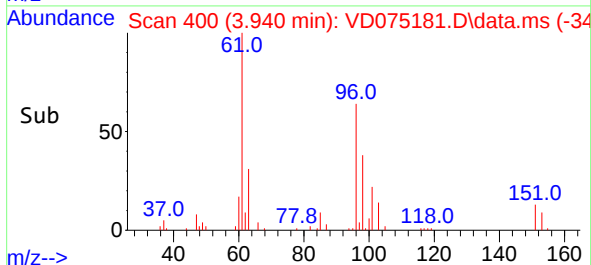
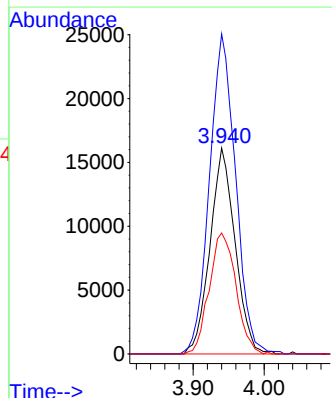
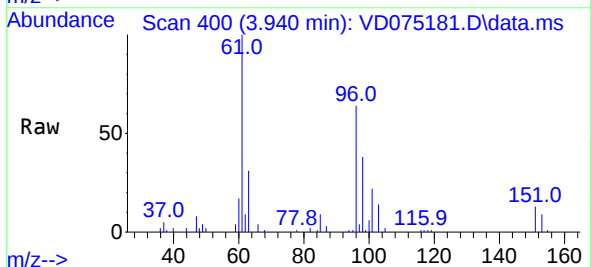
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

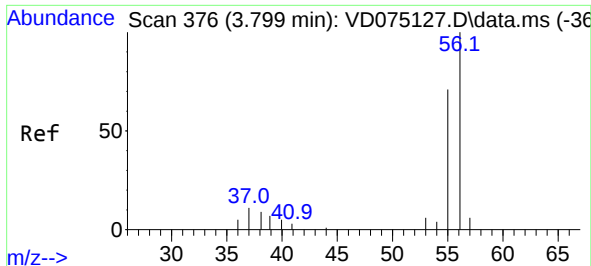
Tgt Ion: 59 Resp: 10286  
Ion Ratio Lower Upper  
59 100  
57 5.3 2.9 4.3#



#12  
1,1-Dichloroethene  
Concen: 48.478 ug/l  
RT: 3.940 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 96 Resp: 39589  
Ion Ratio Lower Upper  
96 100  
61 155.4 126.8 190.2  
98 58.7 50.4 75.6

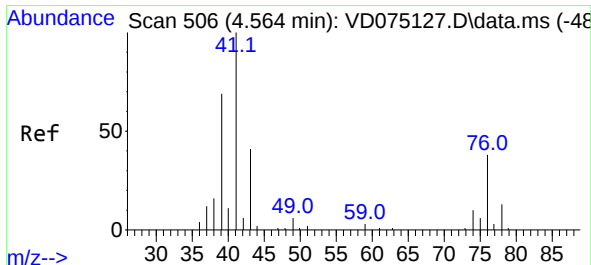
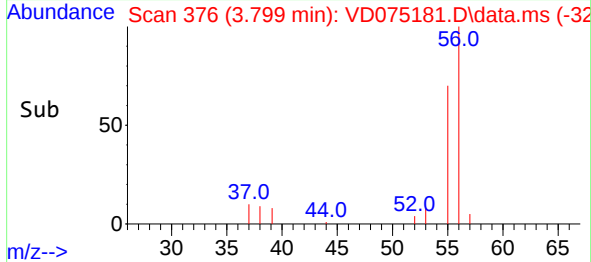
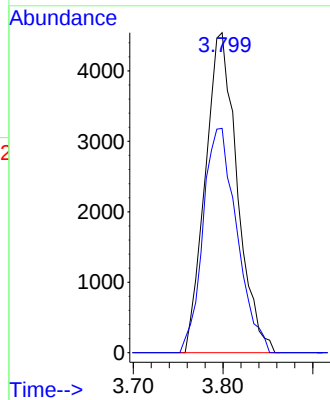
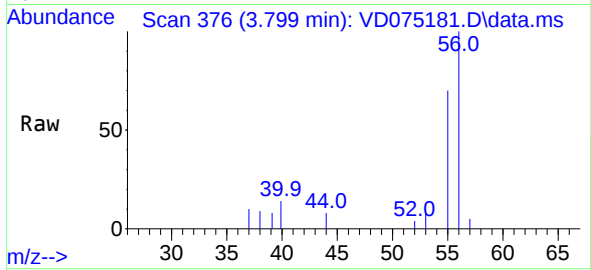




#13  
Acrolein  
Concen: 270.515 ug/l  
RT: 3.799 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

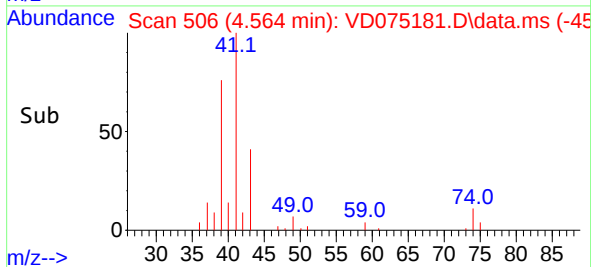
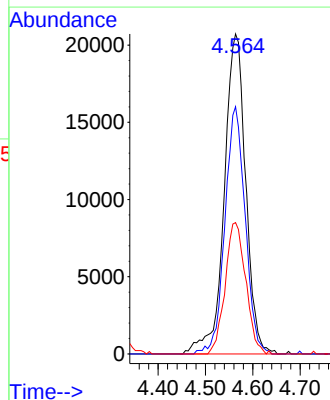
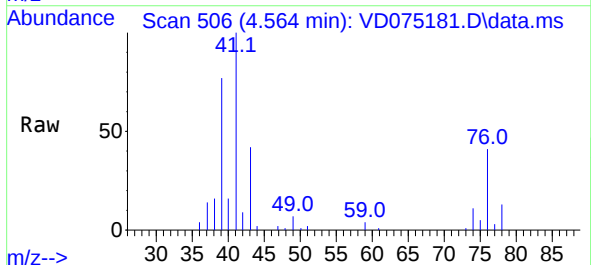
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

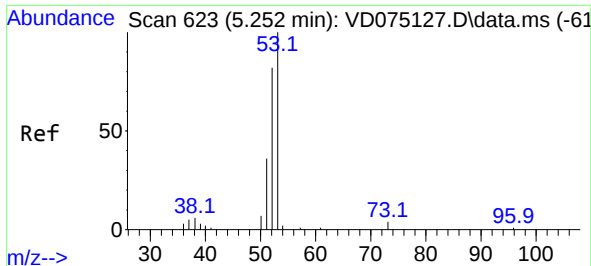
Tgt Ion: 56 Resp: 11227  
Ion Ratio Lower Upper  
56 100  
55 74.2 53.0 79.6



#14  
Allyl chloride  
Concen: 49.316 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 41 Resp: 65360  
Ion Ratio Lower Upper  
41 100  
39 72.8 55.4 83.0  
76 39.3 30.2 45.2

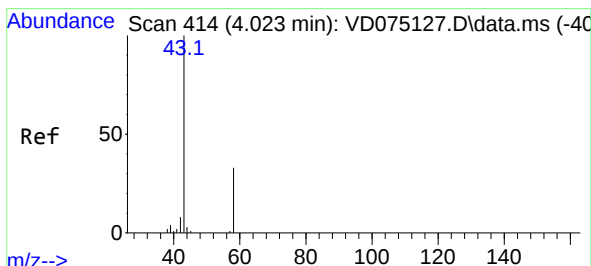
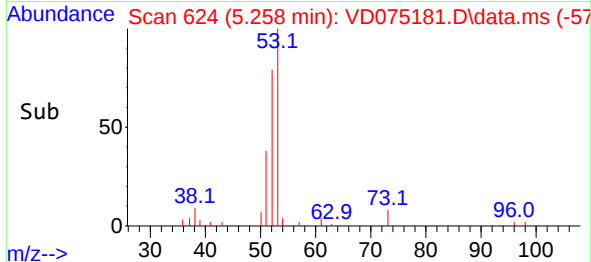
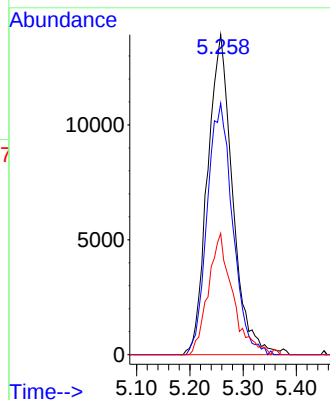
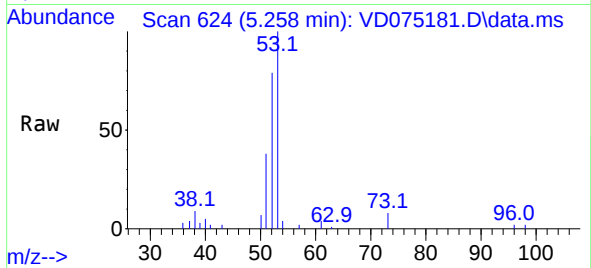




#15  
Acrylonitrile  
Concen: 265.377 ug/l  
RT: 5.258 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

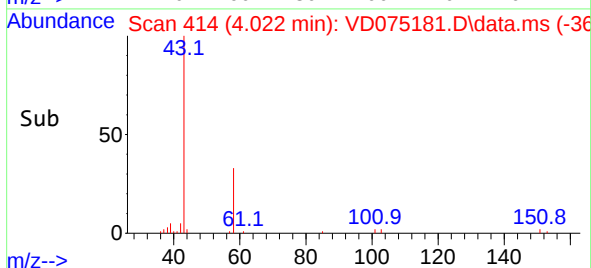
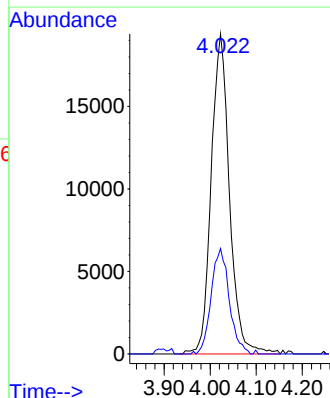
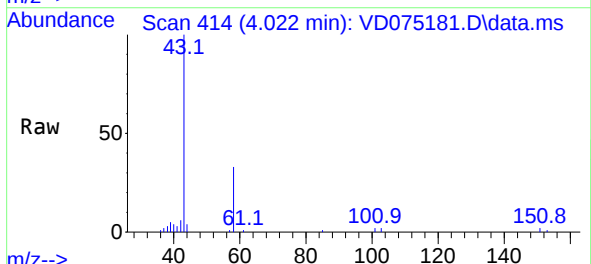
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

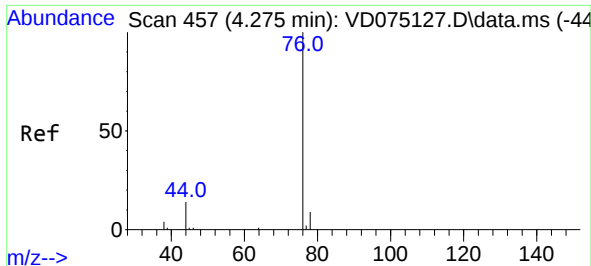
Tgt Ion: 53 Resp: 45432  
Ion Ratio Lower Upper  
53 100  
52 80.0 67.0 100.6  
51 37.0 30.1 45.1



#16  
Acetone  
Concen: 278.576 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 43 Resp: 53472  
Ion Ratio Lower Upper  
43 100  
58 32.9 26.0 39.0

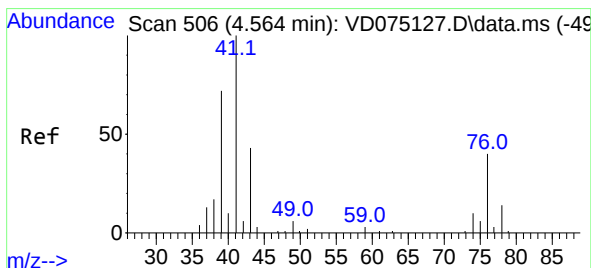
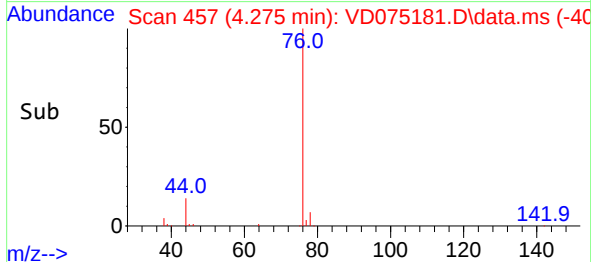
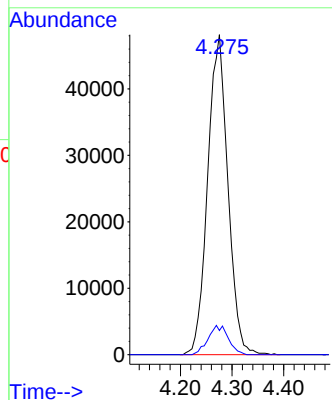
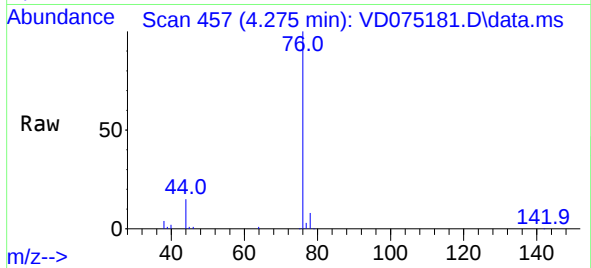




#17  
Carbon Disulfide  
Concen: 49.341 ug/l  
RT: 4.275 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

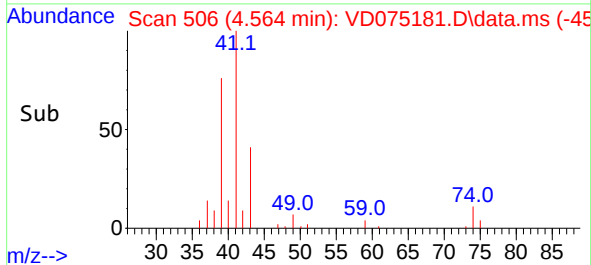
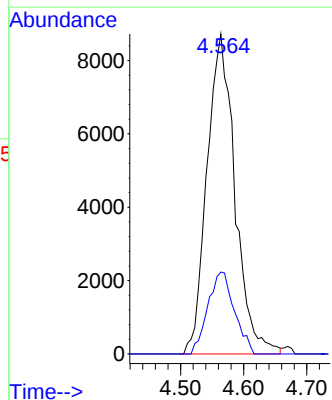
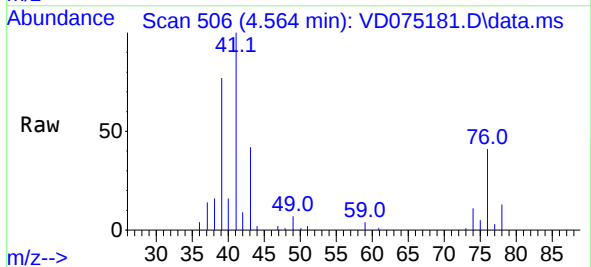
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

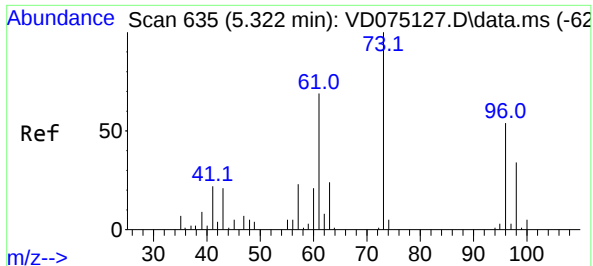
Tgt Ion: 76 Resp: 130693  
Ion Ratio Lower Upper  
76 100  
78 7.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 51.483 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 43 Resp: 26861  
Ion Ratio Lower Upper  
43 100  
74 24.3 18.5 27.7

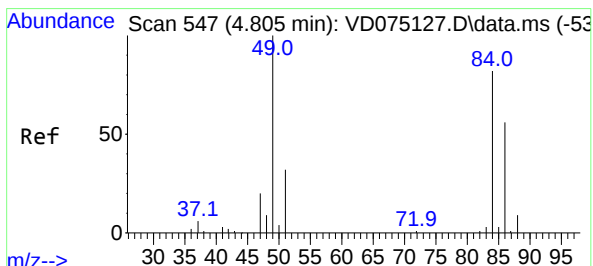
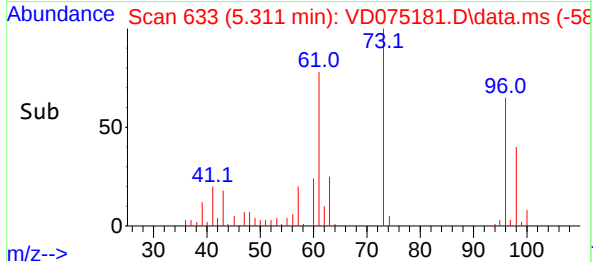
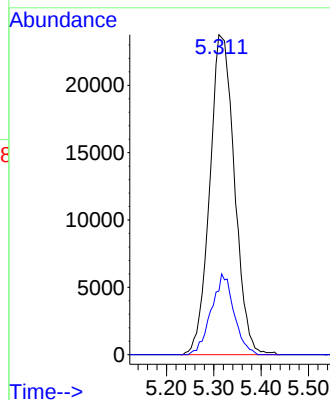
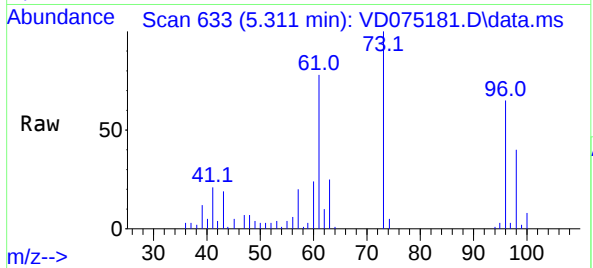




#19  
Methyl tert-butyl Ether  
Concen: 50.515 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

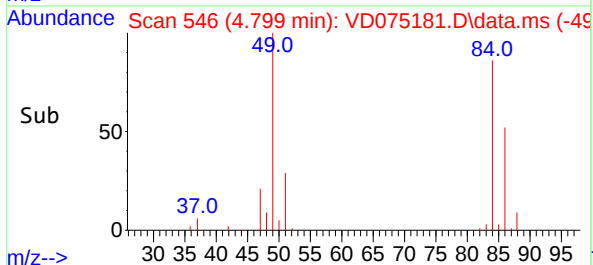
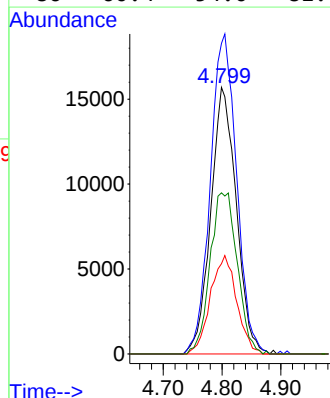
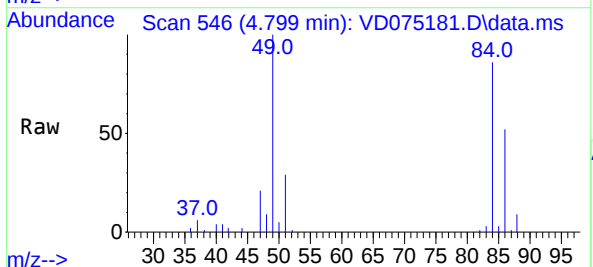
Instrument :  
MSVOA\_D  
ClientSampleId :  
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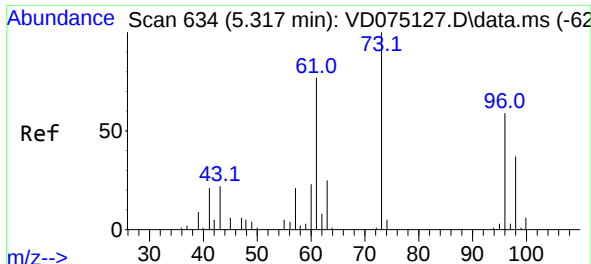
Tgt Ion: 73 Resp: 86175  
Ion Ratio Lower Upper  
73 100  
57 19.9 18.5 27.7



#20  
Methylene Chloride  
Concen: 46.964 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 84 Resp: 47435  
Ion Ratio Lower Upper  
84 100  
49 116.6 97.0 145.6  
51 33.9 30.9 46.3  
86 60.4 54.0 81.0

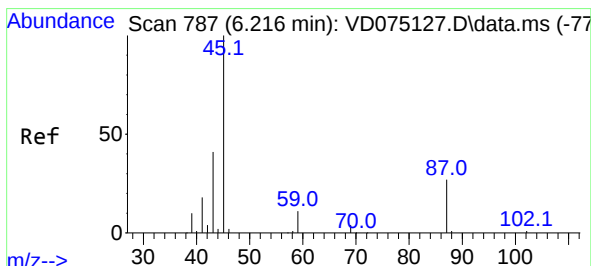
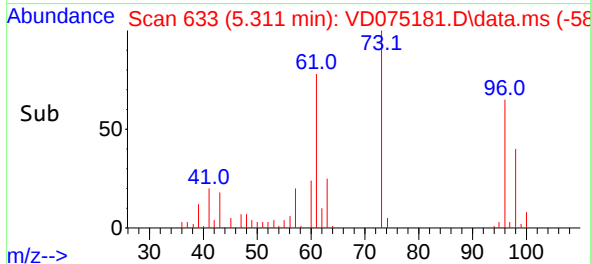
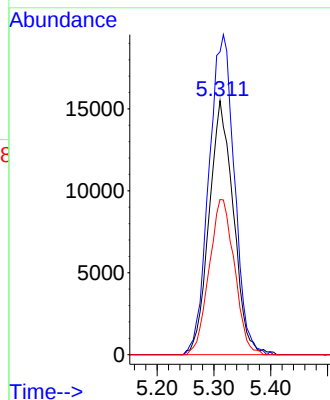
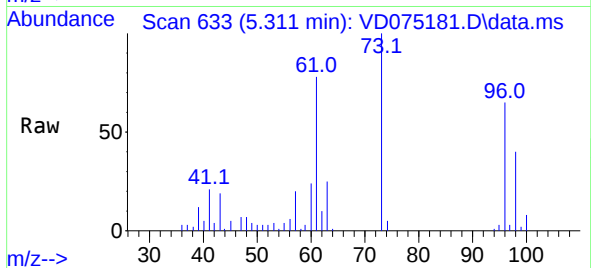




#21  
trans-1,2-Dichloroethene  
Concen: 50.787 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

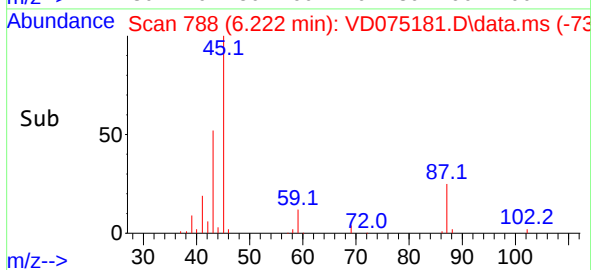
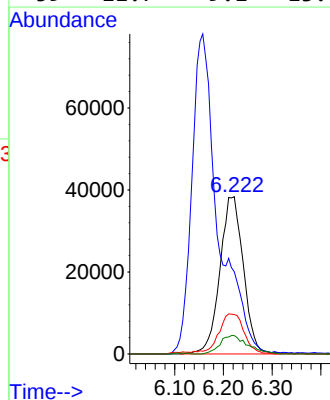
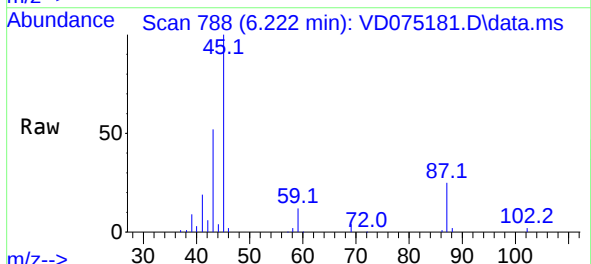
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ClientSampleId :  
VSTDCCC050

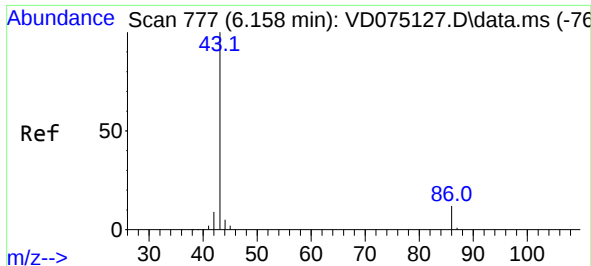
Tgt Ion: 96 Resp: 46171  
Ion Ratio Lower Upper  
96 100  
61 119.2 105.7 158.5  
98 61.1 50.4 75.6



#22  
Diisopropyl ether  
Concen: 52.064 ug/l  
RT: 6.222 min Scan# 788  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 45 Resp: 128429  
Ion Ratio Lower Upper  
45 100  
43 51.5 45.3 67.9  
87 24.6 22.1 33.1  
59 11.7 9.1 13.7

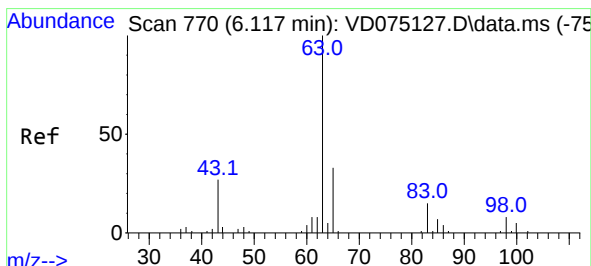
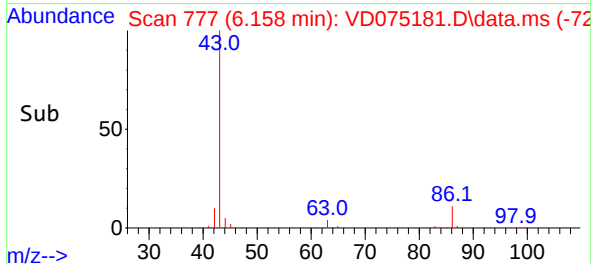
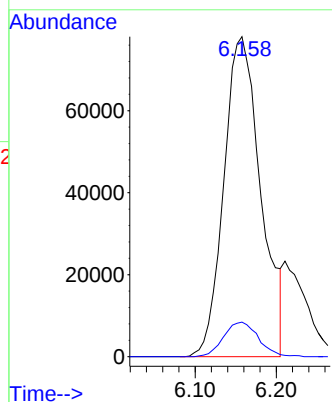
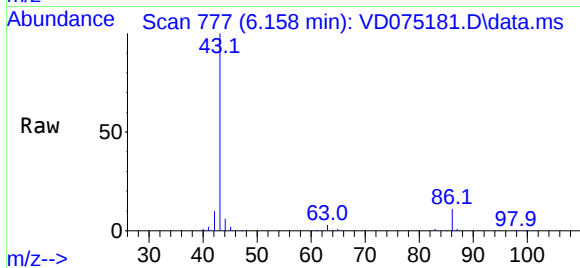




#23  
 Vinyl Acetate  
 Concen: 227.087 ug/l  
 RT: 6.158 min Scan# 777  
 Delta R.T. -0.000 min  
 Lab File: VD075181.D  
 Acq: 24 Jan 2023 10:40

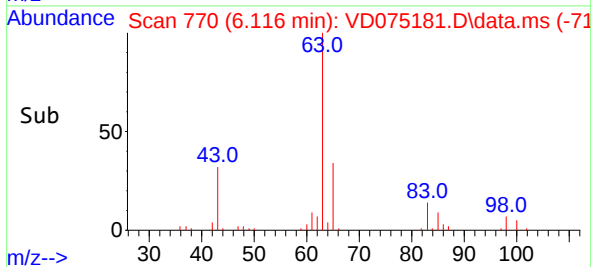
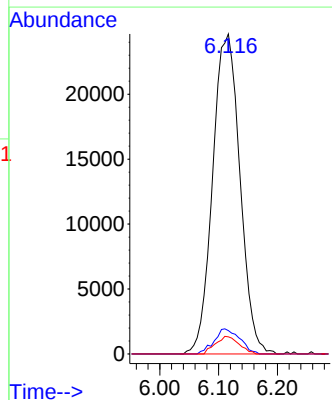
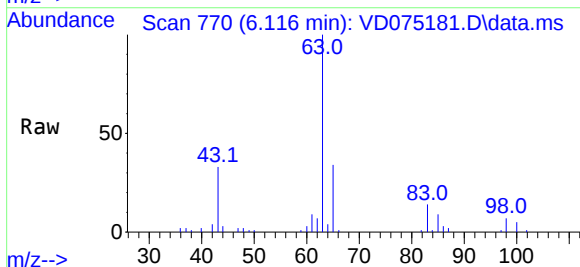
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

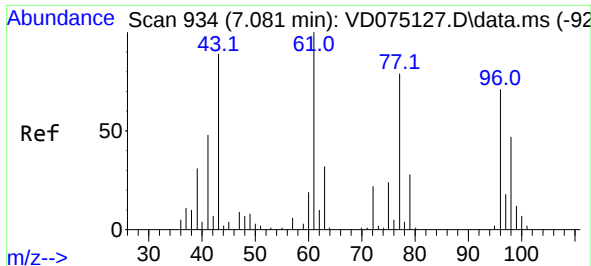
Tgt Ion: 43 Resp: 246888  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 9.3 13.9



#24  
 1,1-Dichloroethane  
 Concen: 51.273 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VD075181.D  
 Acq: 24 Jan 2023 10:40

Tgt Ion: 63 Resp: 79483  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 4.0 12.2  
 100 5.3 2.5 7.4

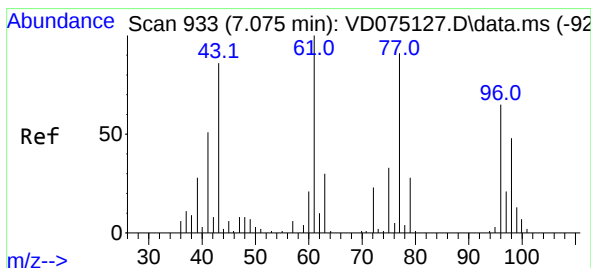
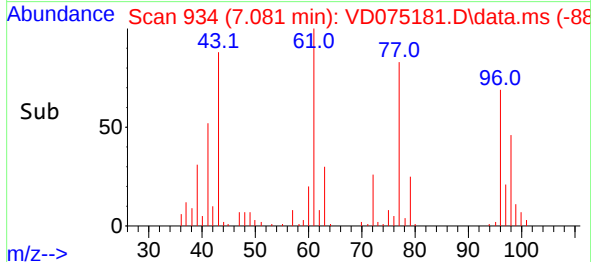
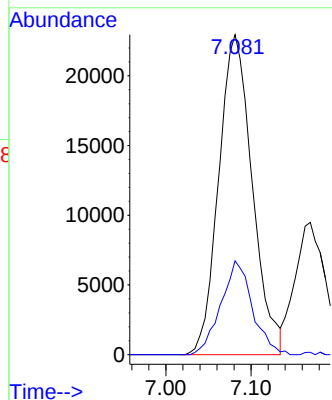
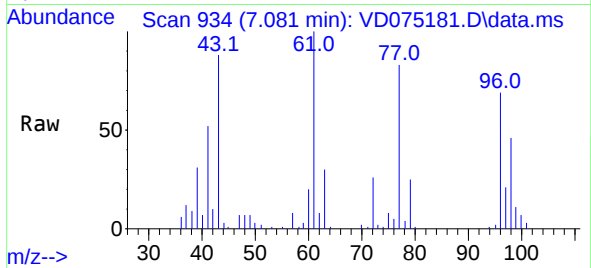




#25  
2-Butanone  
Concen: 270.830 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

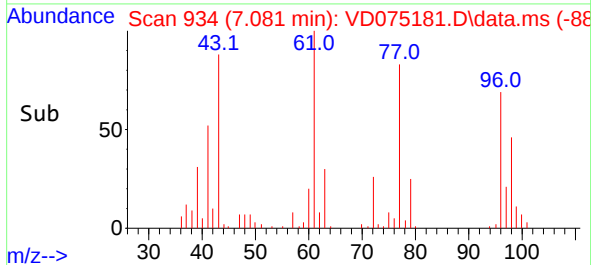
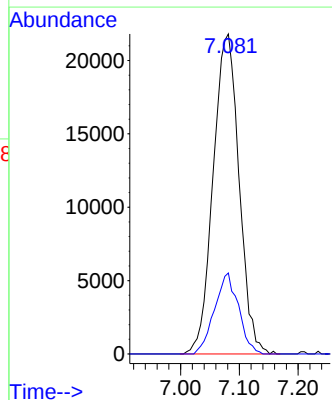
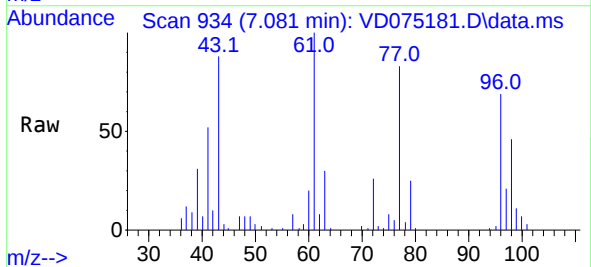
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

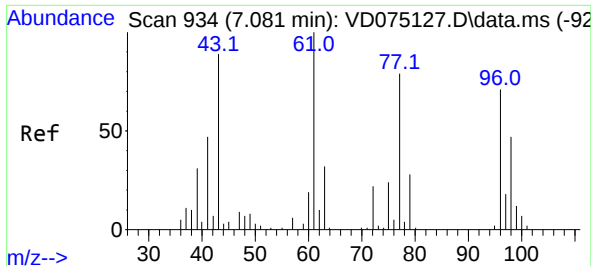
Tgt Ion: 43 Resp: 62830  
Ion Ratio Lower Upper  
43 100  
72 29.4 19.8 29.8



#26  
2,2-Dichloropropane  
Concen: 48.393 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 77 Resp: 66875  
Ion Ratio Lower Upper  
77 100  
97 23.4 12.0 36.0



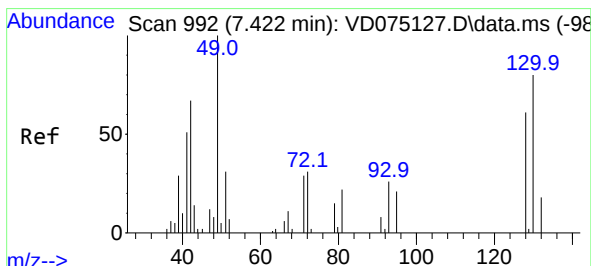
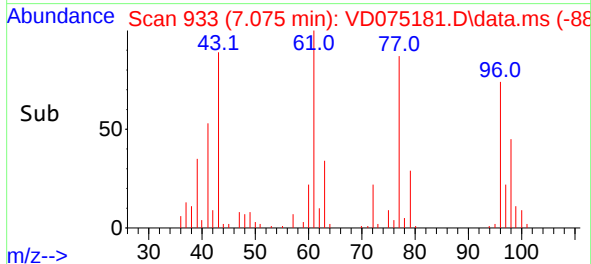
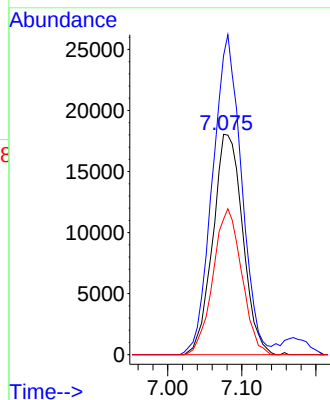
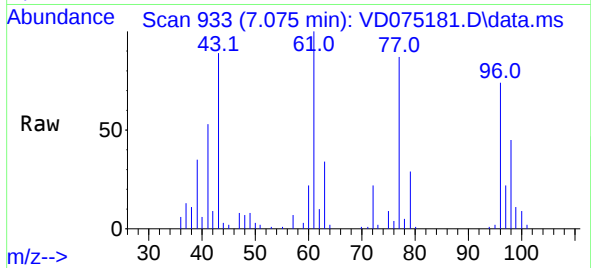


#27  
 cis-1,2-Dichloroethene  
 Concen: 50.884 ug/l  
 RT: 7.075 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VD075181.D  
 Acq: 24 Jan 2023 10:40

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 50426  

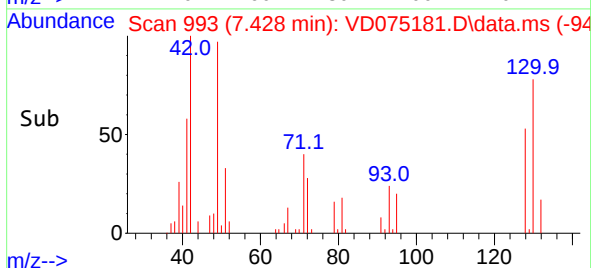
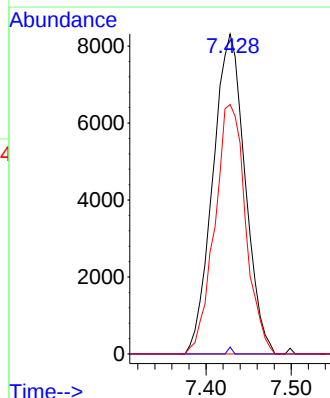
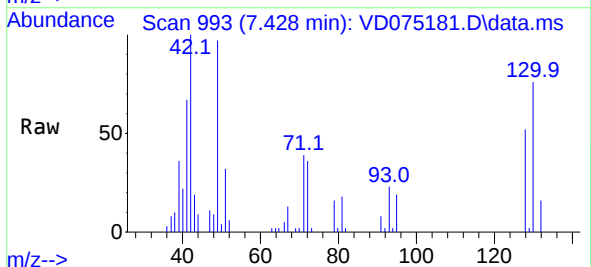
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.0 | 0.0   | 287.4 |
| 98  | 63.8  | 0.0   | 129.8 |

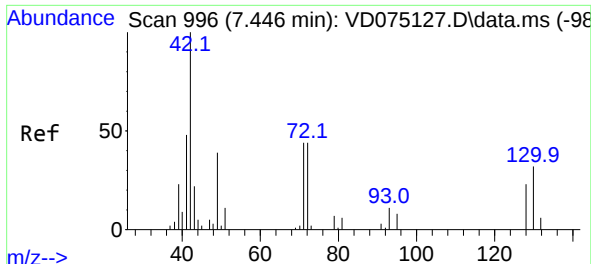


#28  
 Bromochloromethane  
 Concen: 51.582 ug/l  
 RT: 7.428 min Scan# 993  
 Delta R.T. 0.006 min  
 Lab File: VD075181.D  
 Acq: 24 Jan 2023 10:40

Tgt Ion: 49 Resp: 21832  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.3   | 0.0   | 2.6   |
| 130 | 74.7  | 63.6  | 95.4  |

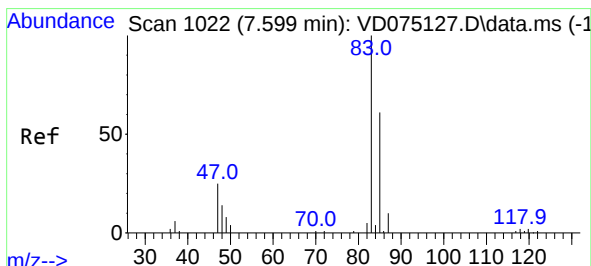
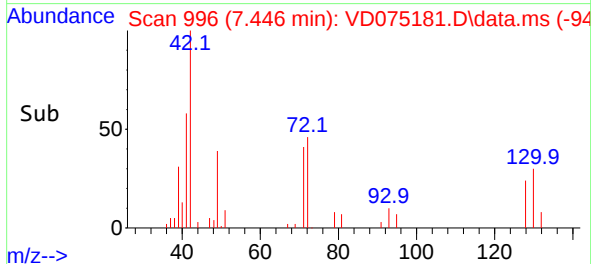
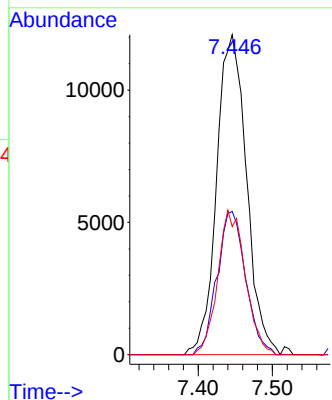
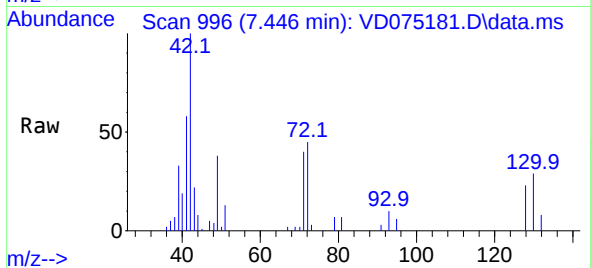




#29  
Tetrahydrofuran  
Concen: 256.034 ug/l  
RT: 7.446 min Scan# 996  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

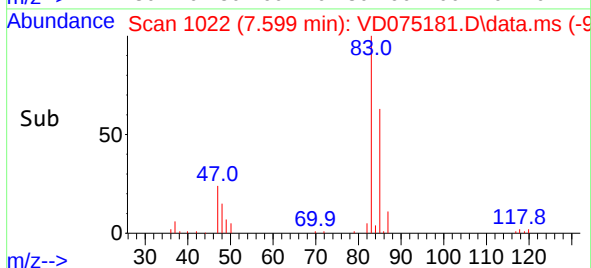
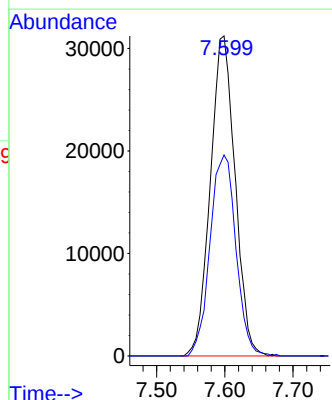
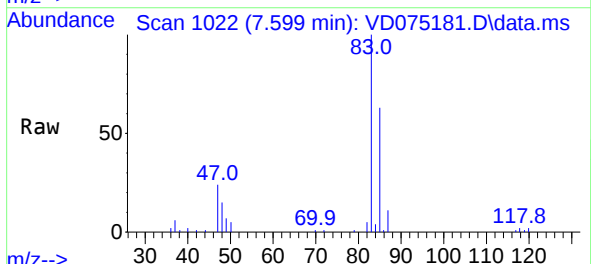
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

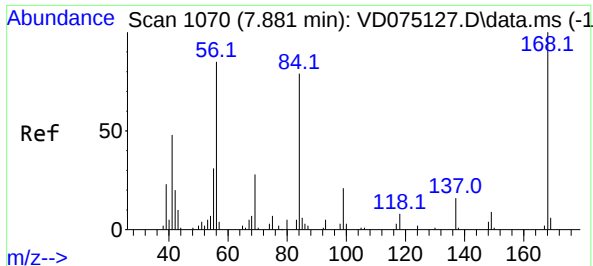
Tgt Ion: 42 Resp: 33878  
Ion Ratio Lower Upper  
42 100  
72 43.0 33.8 50.8  
71 41.7 31.6 47.4



#30  
Chloroform  
Concen: 51.084 ug/l  
RT: 7.599 min Scan# 1022  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 83 Resp: 78970  
Ion Ratio Lower Upper  
83 100  
85 62.8 48.5 72.7





#31

Cyclohexane

Concen: 49.399 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

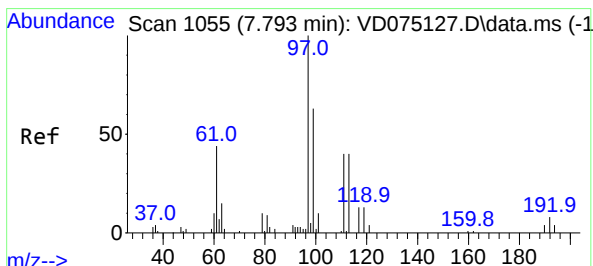
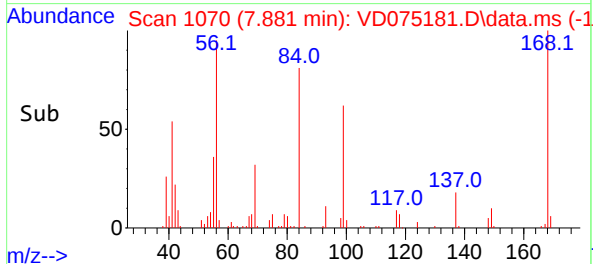
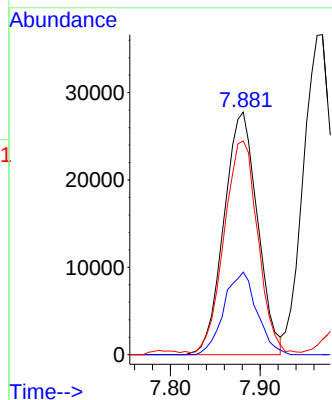
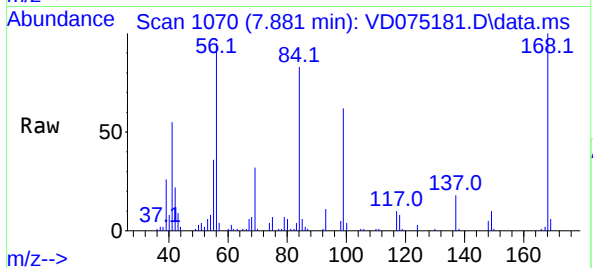
Tgt Ion: 56 Resp: 72103

Ion Ratio Lower Upper

56 100

69 34.1 26.6 40.0

84 87.2 74.1 111.1



#32

1,1,1-Trichloroethane

Concen: 51.334 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

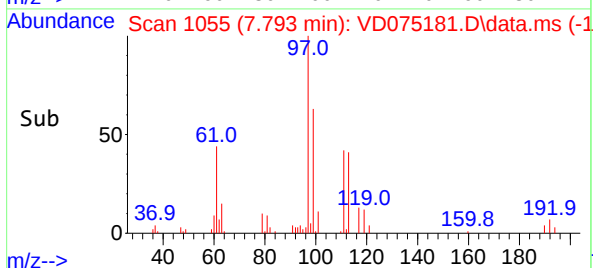
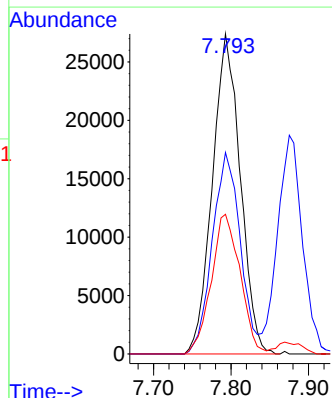
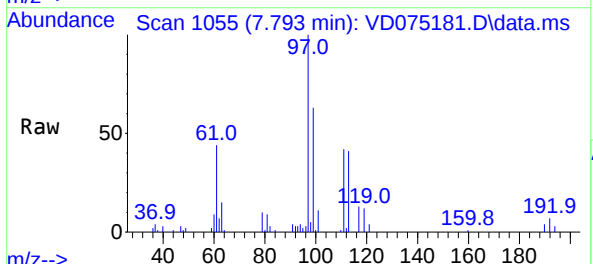
Tgt Ion: 97 Resp: 68368

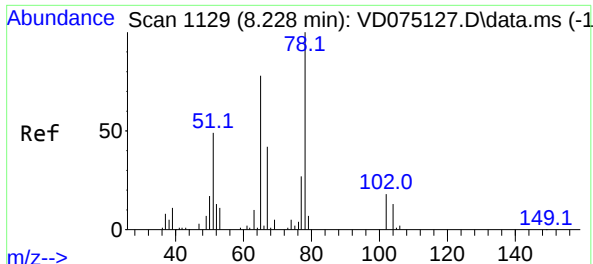
Ion Ratio Lower Upper

97 100

99 63.0 51.7 77.5

61 45.3 36.3 54.5

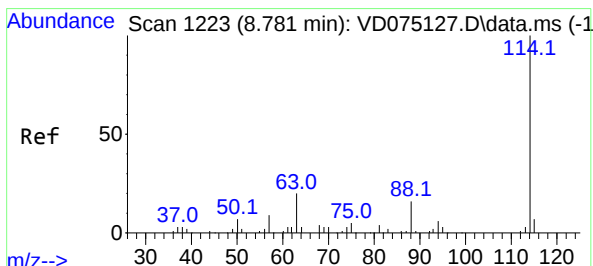
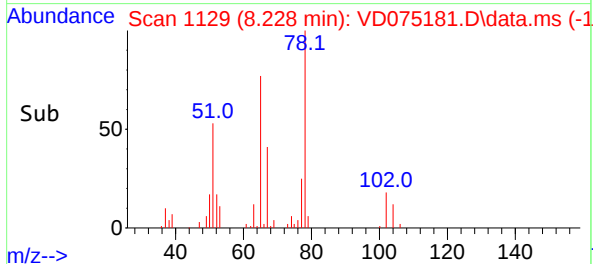
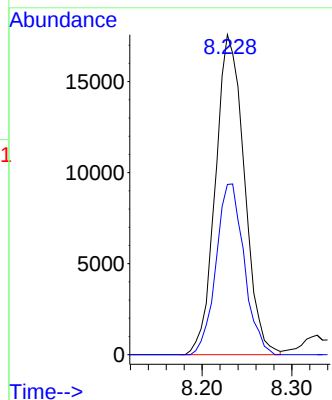
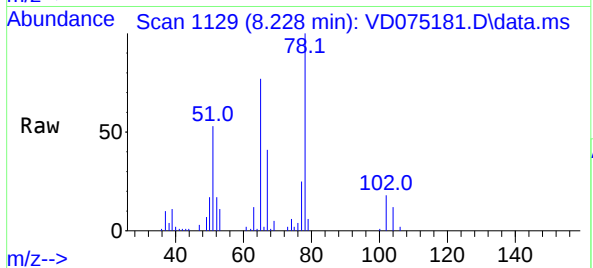




#33  
1,2-Dichloroethane-d4  
Concen: 53.931 ug/l  
RT: 8.228 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

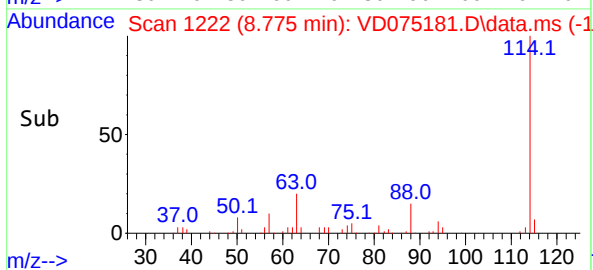
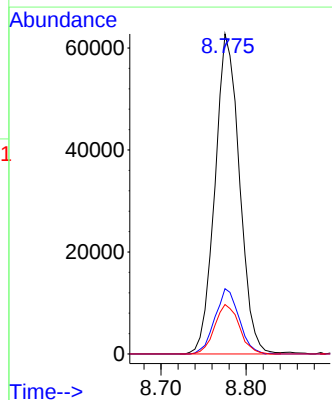
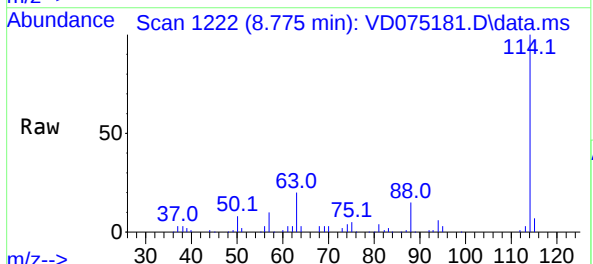
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

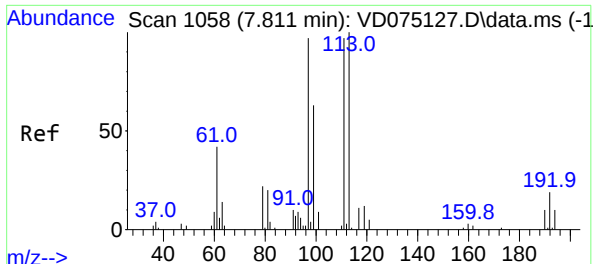
Tgt Ion: 65 Resp: 39250  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 105.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.775 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 114 Resp: 125458  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 40.2  
88 15.5 0.0 32.2

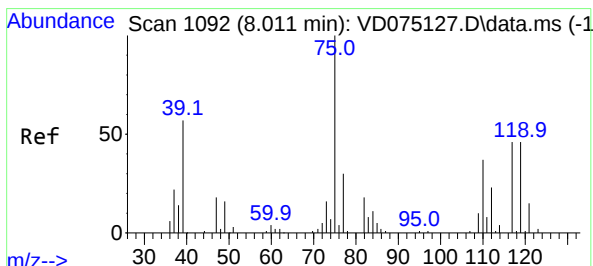
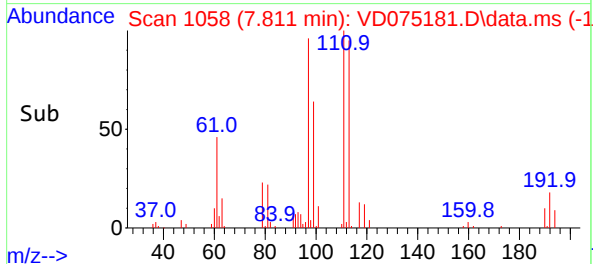
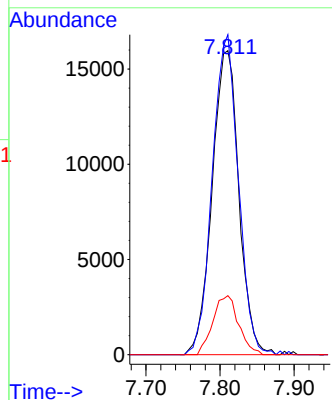
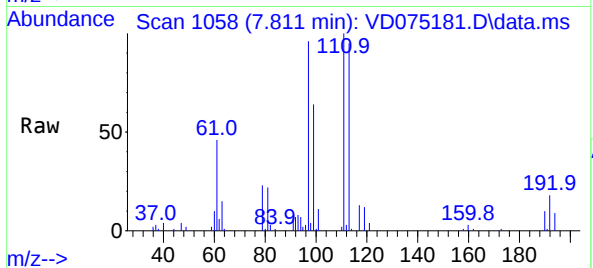




#35  
Dibromofluoromethane  
Concen: 52.907 ug/l  
RT: 7.811 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

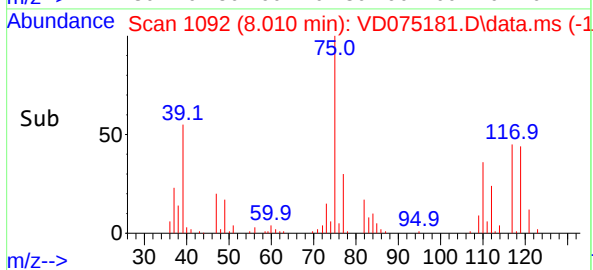
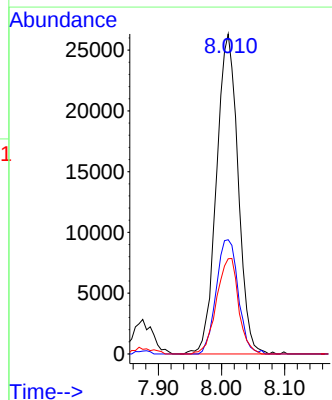
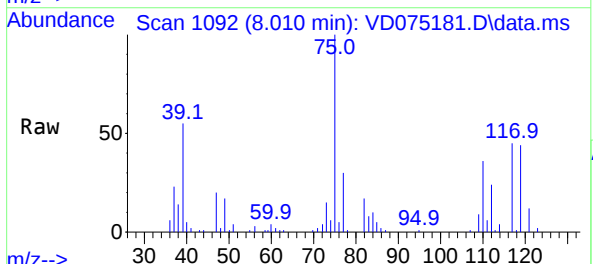
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

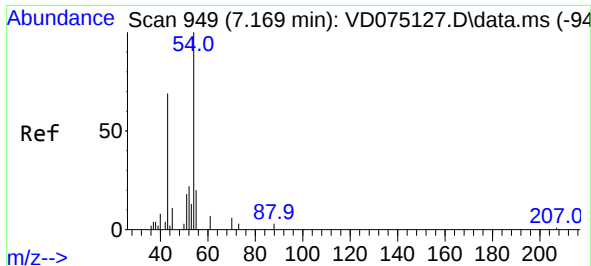
Tgt Ion:113 Resp: 40109  
Ion Ratio Lower Upper  
113 100  
111 102.3 80.1 120.1  
192 18.6 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 51.337 ug/l  
RT: 8.010 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 75 Resp: 62531  
Ion Ratio Lower Upper  
75 100  
110 36.4 18.1 54.4  
77 30.4 25.1 37.7

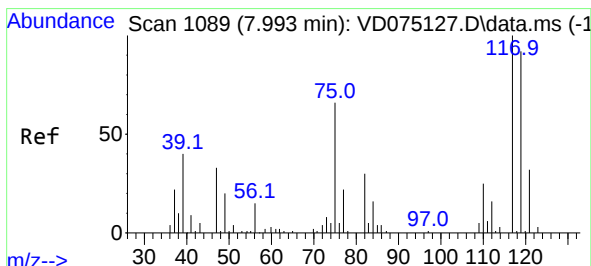
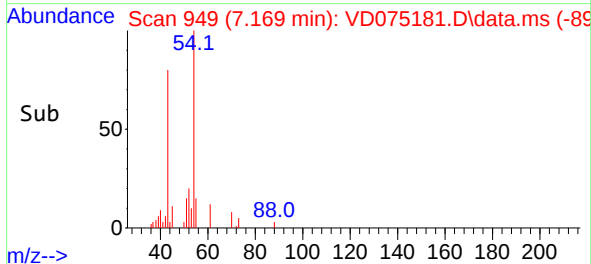
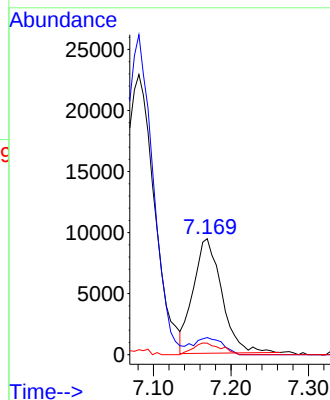
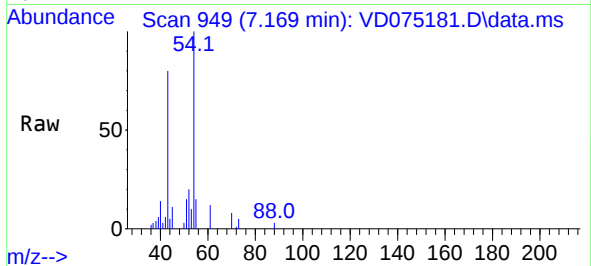




#37  
Ethyl Acetate  
Concen: 48.851 ug/l  
RT: 7.169 min Scan# 949  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

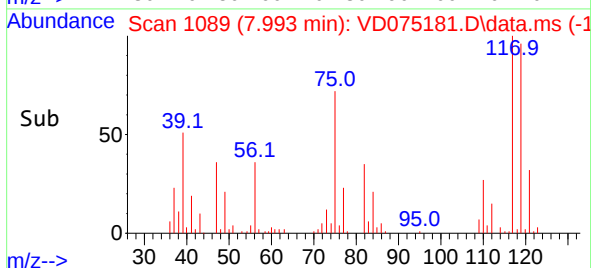
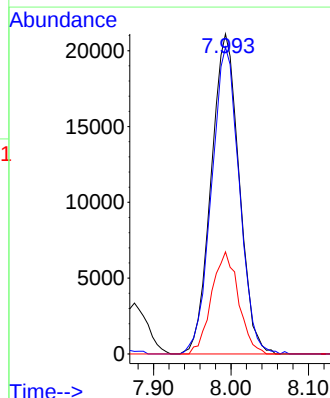
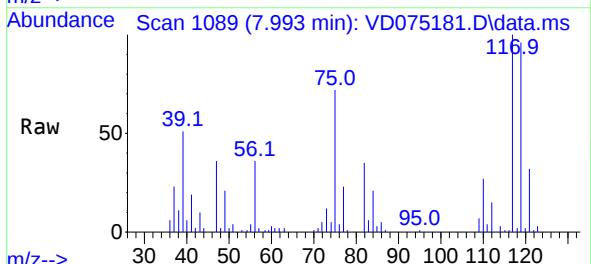
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

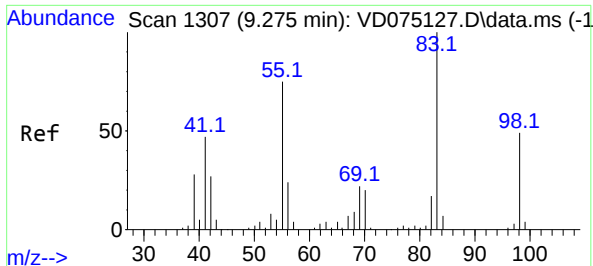
Tgt Ion: 43 Resp: 23972  
Ion Ratio Lower Upper  
43 100  
61 15.1 11.7 17.5  
70 10.0 8.8 13.2



#38  
Carbon Tetrachloride  
Concen: 51.590 ug/l  
RT: 7.993 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 117 Resp: 52908  
Ion Ratio Lower Upper  
117 100  
119 95.9 73.6 110.4  
121 31.9 25.4 38.0





#39

Methylcyclohexane

Concen: 51.332 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

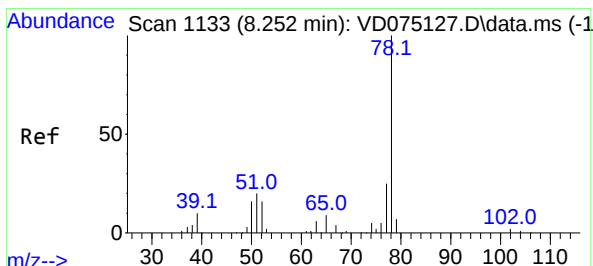
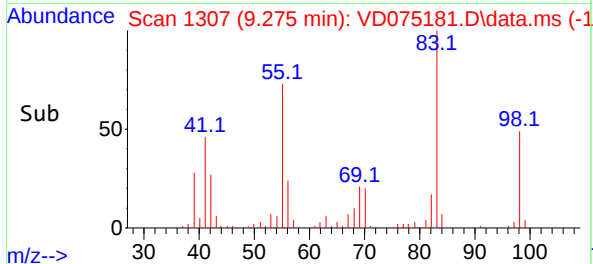
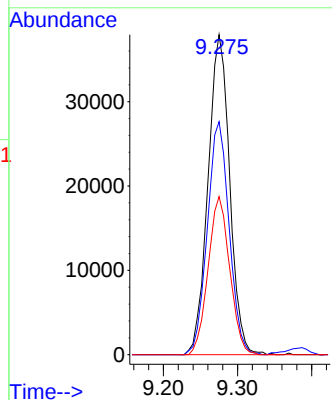
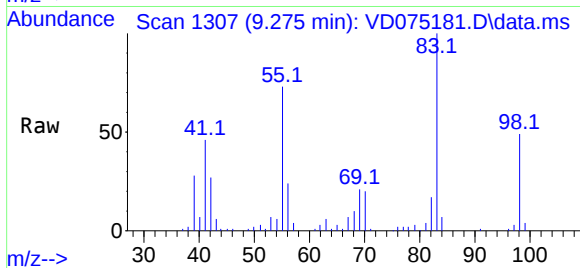
Tgt Ion: 83 Resp: 77052

Ion Ratio Lower Upper

83 100

55 72.8 60.0 90.0

98 49.4 39.0 58.4



#40

Benzene

Concen: 50.898 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075181.D

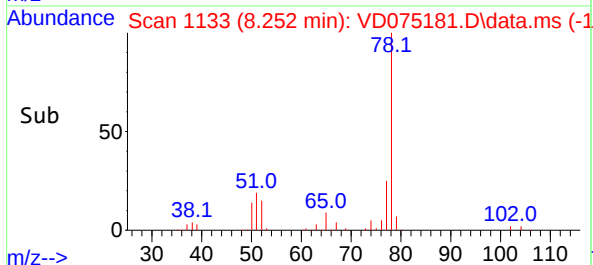
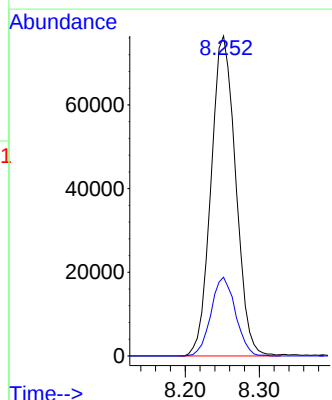
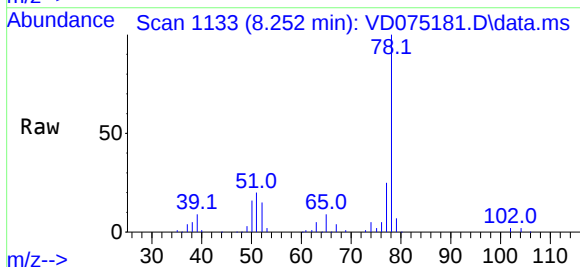
Acq: 24 Jan 2023 10:40

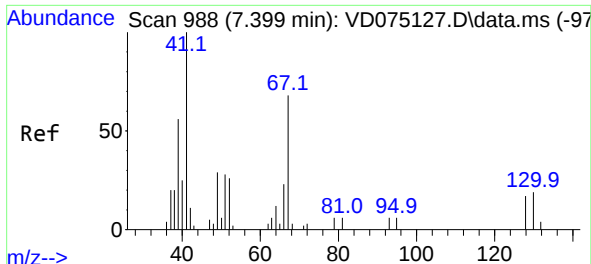
Tgt Ion: 78 Resp: 176798

Ion Ratio Lower Upper

78 100

77 24.6 19.8 29.6



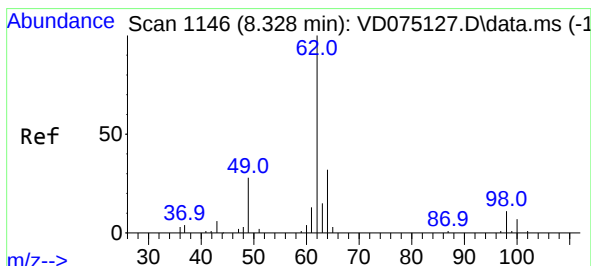
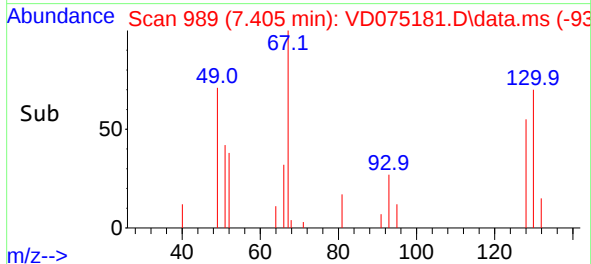
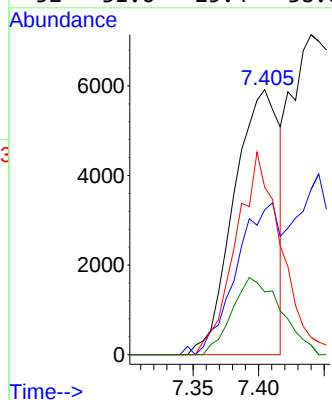
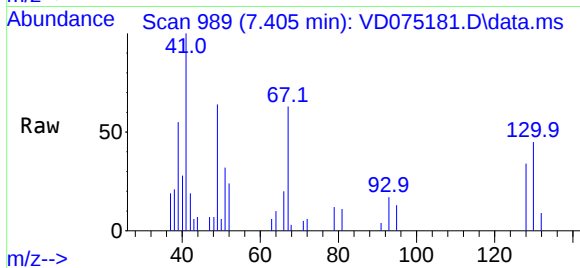


#41  
Methacrylonitrile  
Concen: 48.172 ug/l  
RT: 7.405 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 41 Resp: 14224

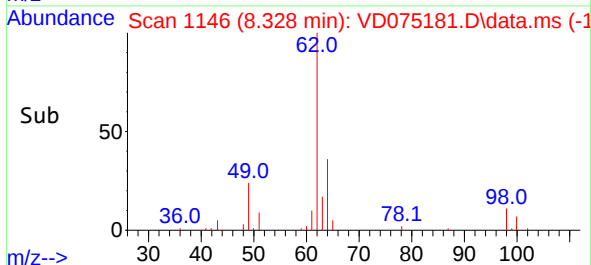
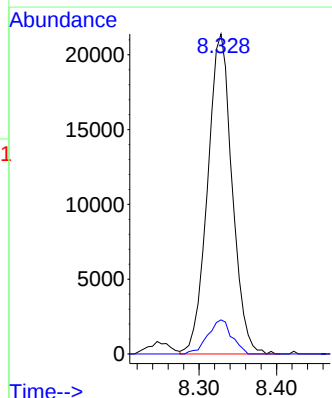
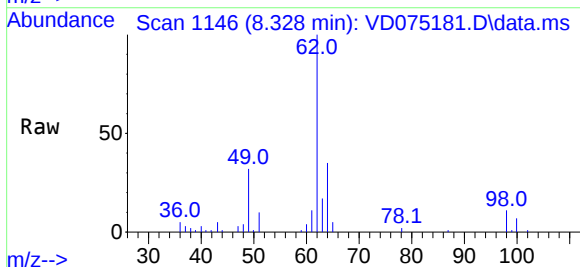
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.8  | 57.8  | 86.6# |
| 67  | 76.8  | 60.5  | 90.7  |
| 52  | 31.6  | 25.4  | 38.0  |

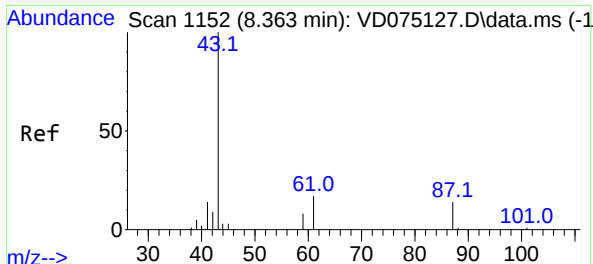


#42  
1,2-Dichloroethane  
Concen: 51.504 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 62 Resp: 46994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.4  | 0.0   | 19.2  |





#43

Isopropyl Acetate

Concen: 51.250 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

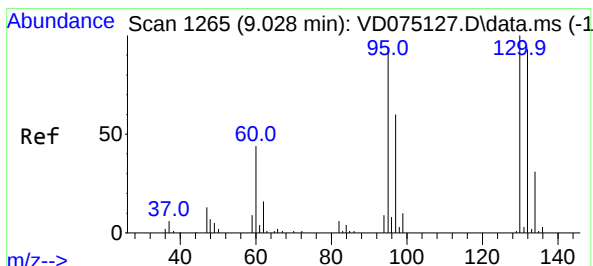
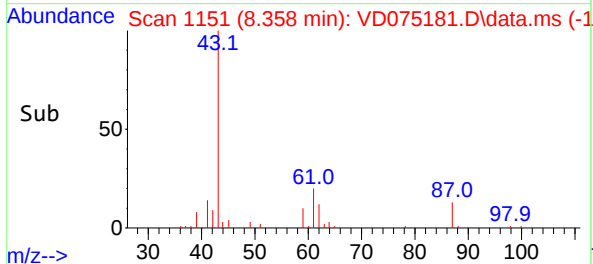
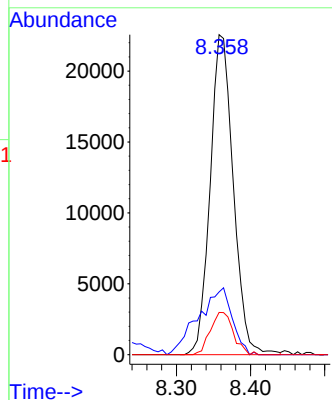
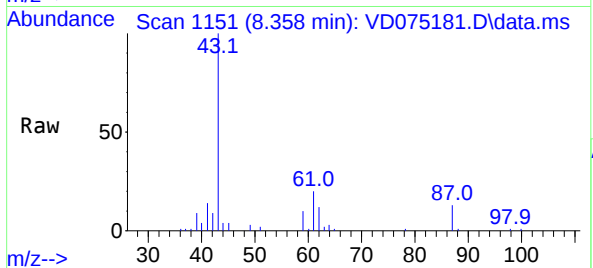
Tgt Ion: 43 Resp: 48941

Ion Ratio Lower Upper

43 100

61 30.6 25.0 37.6

87 13.2 10.6 16.0



#44

Trichloroethene

Concen: 49.323 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075181.D

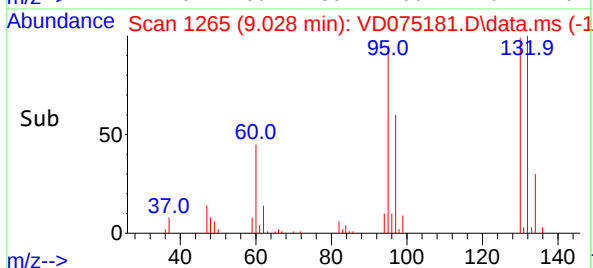
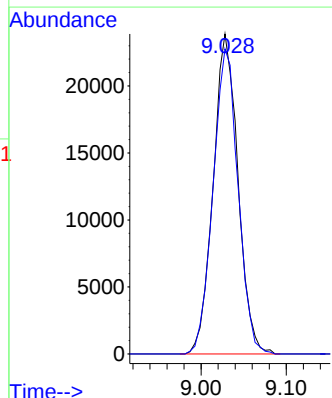
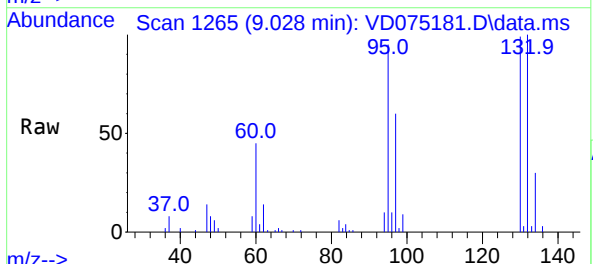
Acq: 24 Jan 2023 10:40

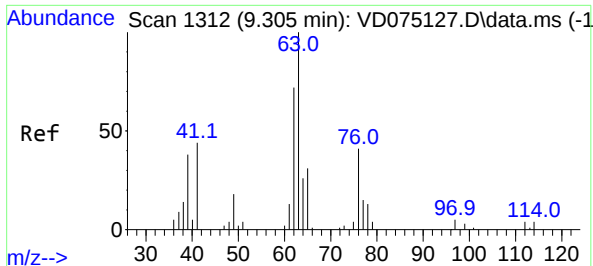
Tgt Ion: 130 Resp: 48179

Ion Ratio Lower Upper

130 100

95 95.3 0.0 188.6

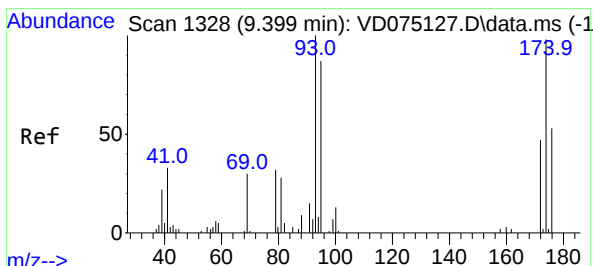
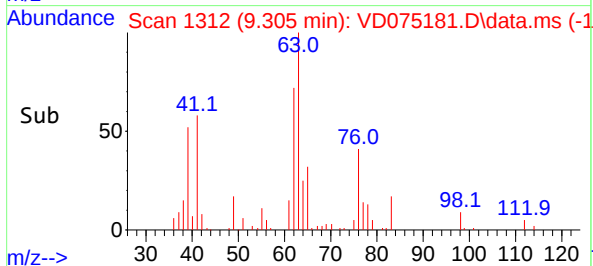
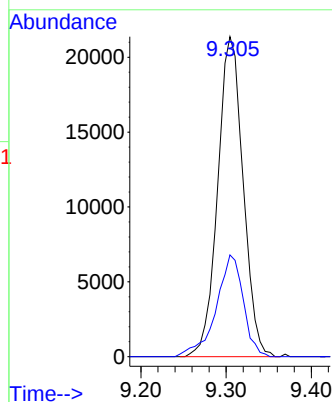
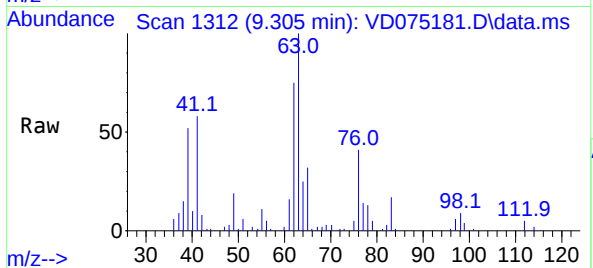




#45  
1,2-Dichloropropane  
Concen: 51.780 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

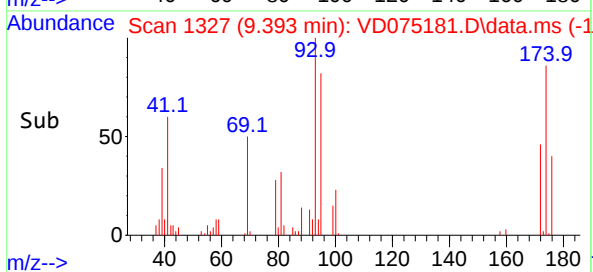
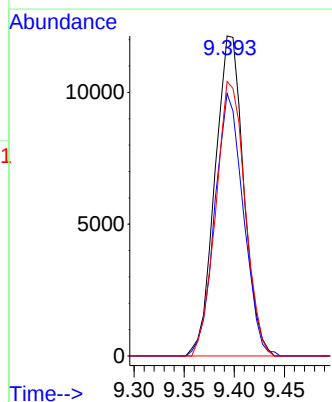
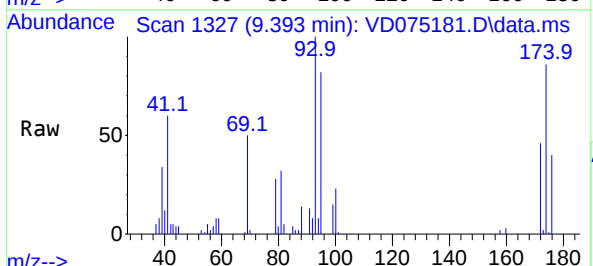
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

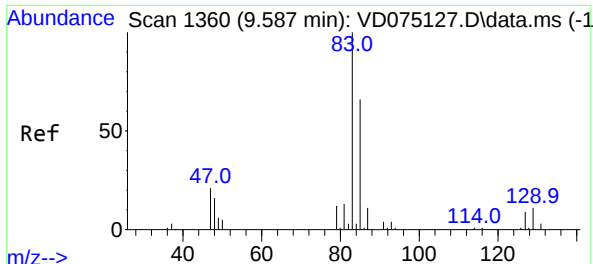
Tgt Ion: 63 Resp: 44306  
Ion Ratio Lower Upper  
63 100  
65 31.8 25.1 37.7



#46  
Dibromomethane  
Concen: 53.659 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 93 Resp: 24214  
Ion Ratio Lower Upper  
93 100  
95 81.4 68.3 102.5  
174 87.2 77.4 116.0

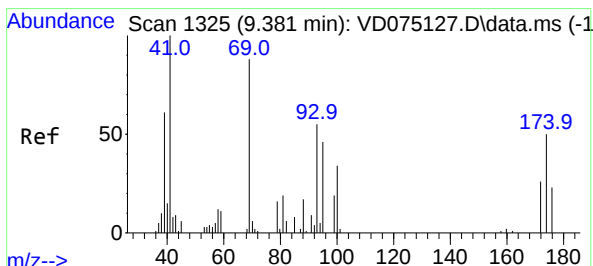
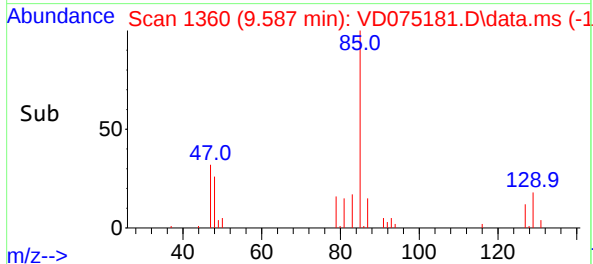
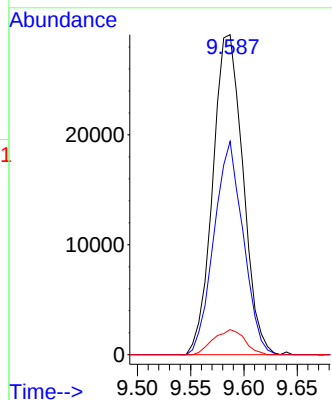
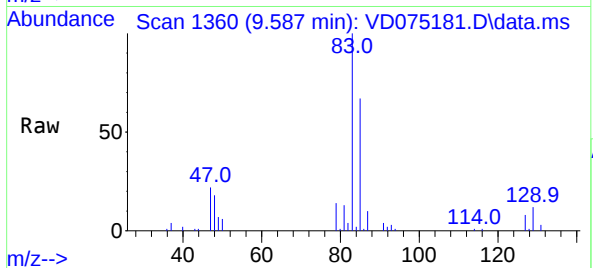




#47  
Bromodichloromethane  
Concen: 51.276 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

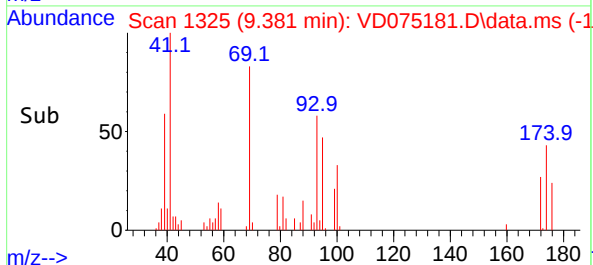
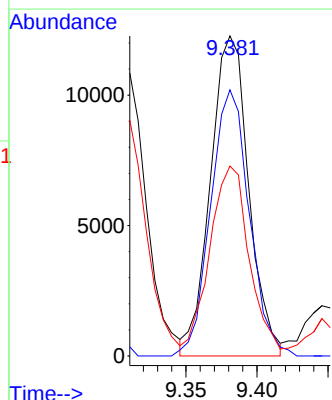
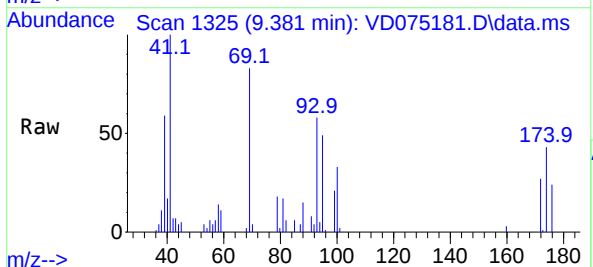
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

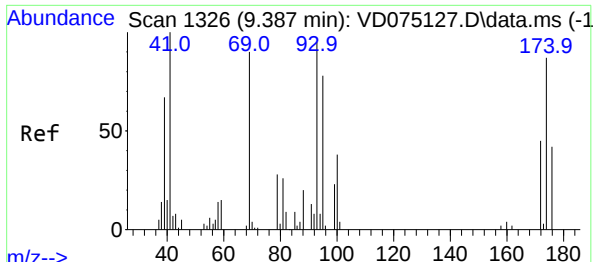
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 57405 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.6  | 53.0  | 79.4  |
| 127      | 7.9   | 7.0   | 10.4  |



#48  
Methyl methacrylate  
Concen: 49.249 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 22998 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 84.1  | 67.8  | 101.6 |
| 39       | 57.4  | 46.0  | 69.0  |

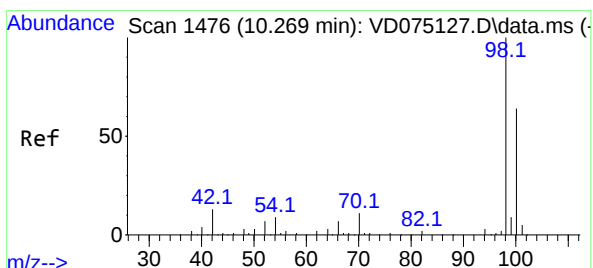
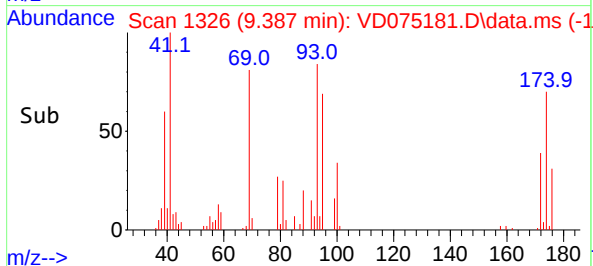
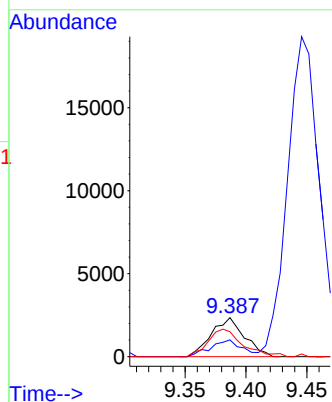
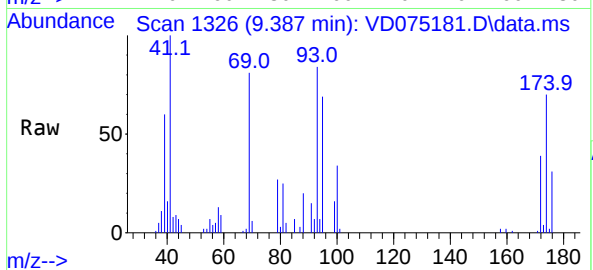




#49  
1,4-Dioxane  
Concen: 1029.706 ug/l  
RT: 9.387 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

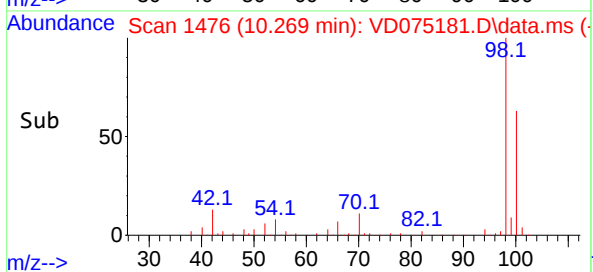
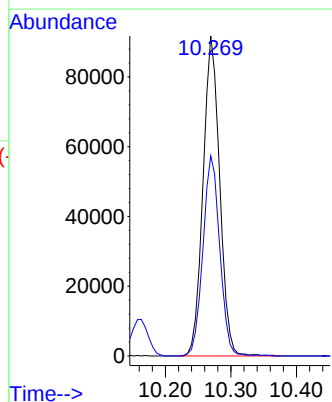
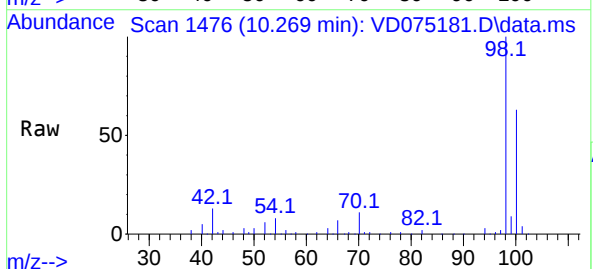
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

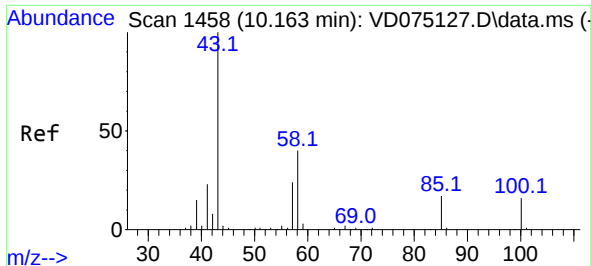
Tgt Ion: 88 Resp: 4436  
Ion Ratio Lower Upper  
88 100  
43 41.7 35.6 53.4  
58 73.7 57.4 86.2



#50  
Toluene-d8  
Concen: 54.312 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 98 Resp: 162119  
Ion Ratio Lower Upper  
98 100  
100 63.0 52.7 79.1

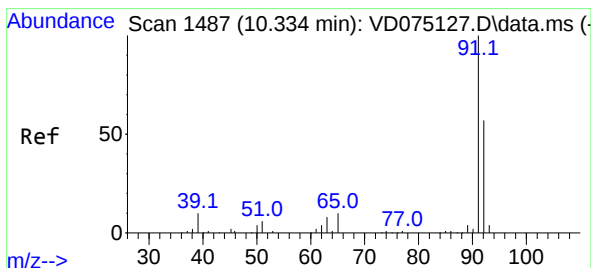
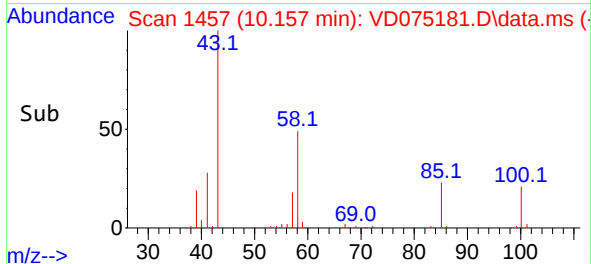
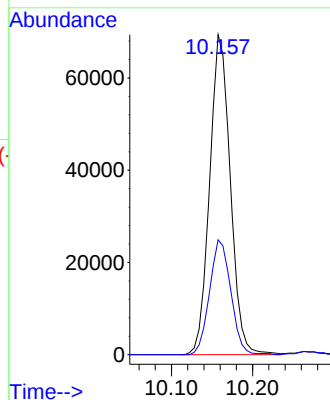
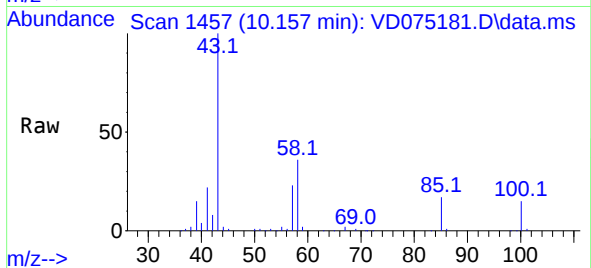




#51  
4-Methyl-2-Pentanone  
Concen: 267.906 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

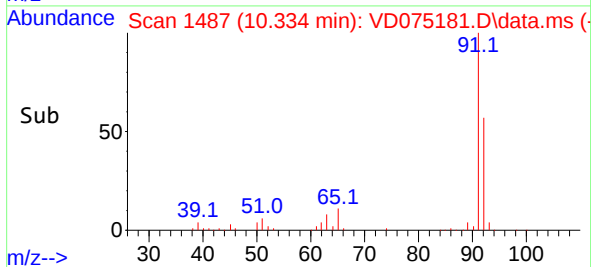
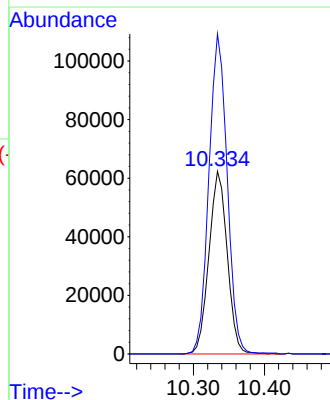
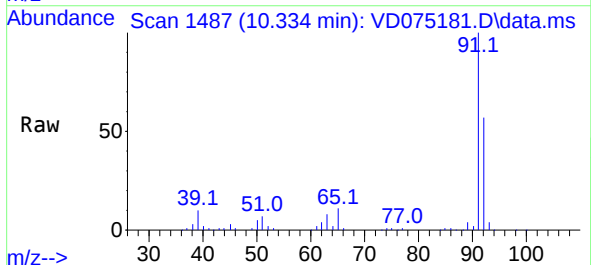
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

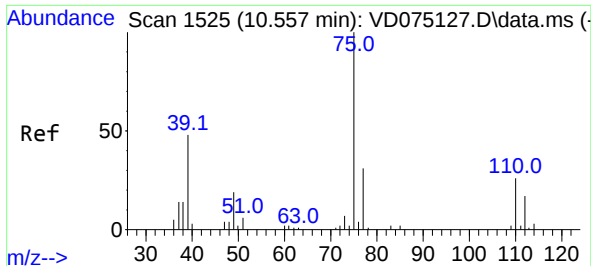
Tgt Ion: 43 Resp: 122855  
Ion Ratio Lower Upper  
43 100  
58 36.8 31.4 47.0



#52  
Toluene  
Concen: 50.862 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 92 Resp: 111649  
Ion Ratio Lower Upper  
92 100  
91 175.1 137.0 205.4

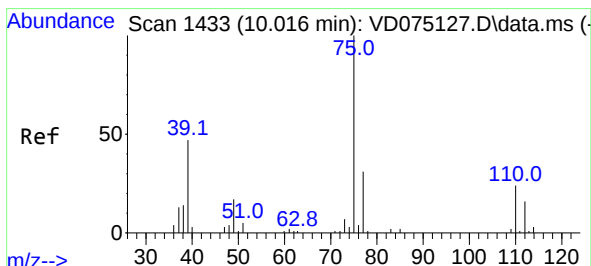
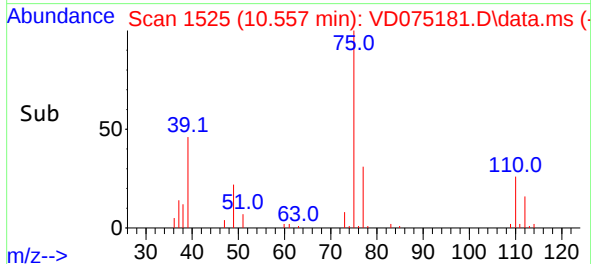
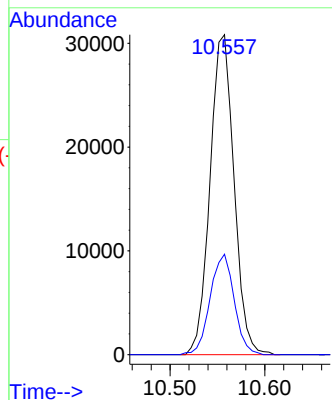
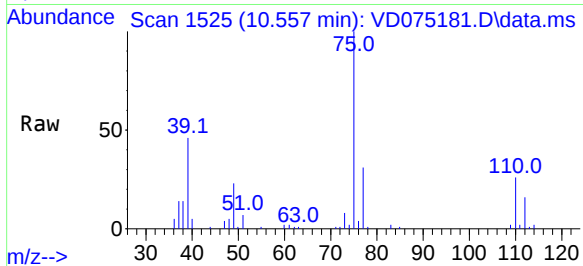




#53  
t-1,3-Dichloropropene  
Concen: 51.213 ug/l  
RT: 10.557 min Scan# 1525  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

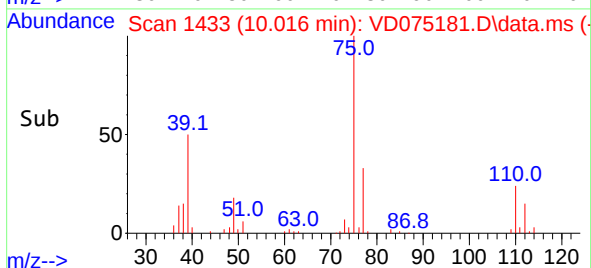
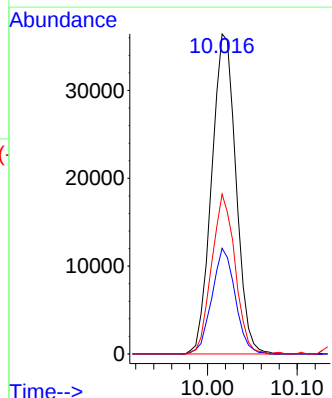
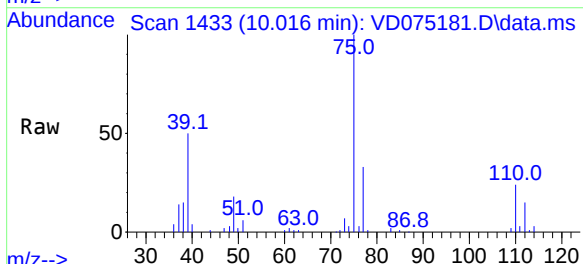
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

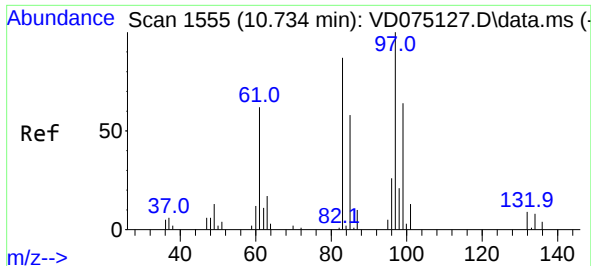
Tgt Ion: 75 Resp: 54244  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 52.912 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 75 Resp: 68469  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.1 37.7  
39 49.9 37.9 56.9



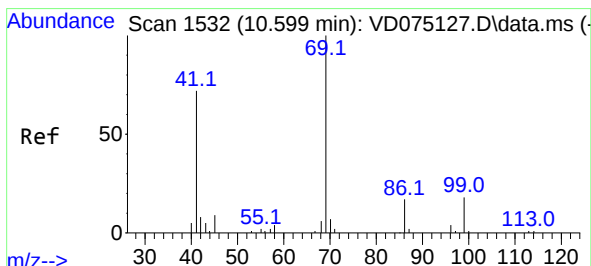
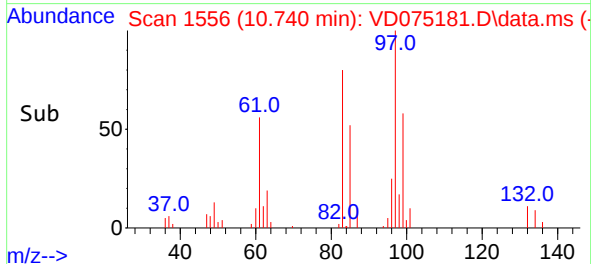
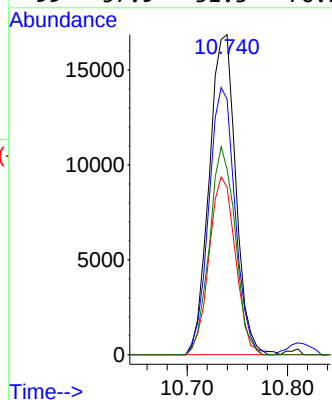
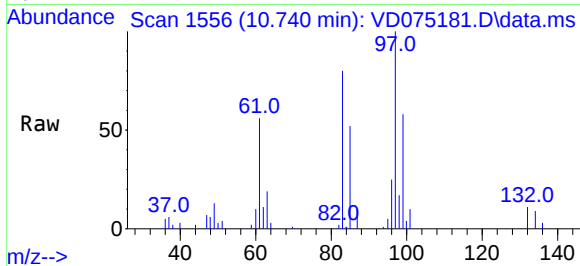


#55  
1,1,2-Trichloroethane  
Concen: 52.069 ug/l  
RT: 10.740 min Scan# 1555  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 31095

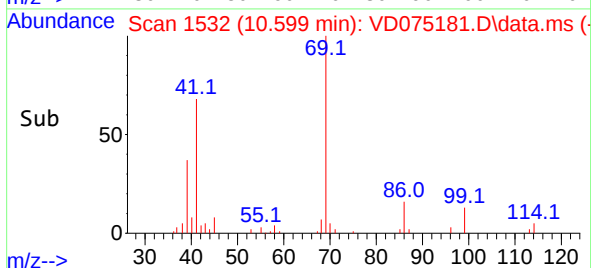
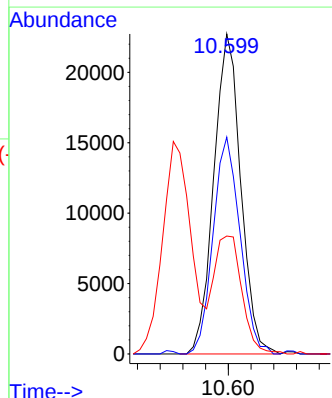
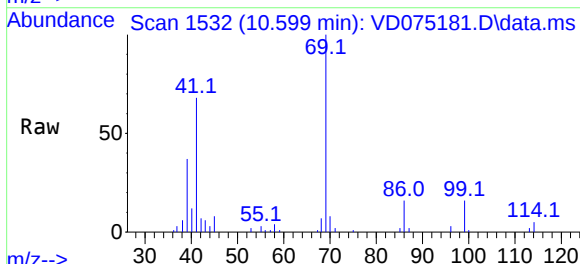
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 79.9  | 69.4  | 104.0 |
| 85  | 52.3  | 46.0  | 69.0  |
| 99  | 57.9  | 51.3  | 76.9  |

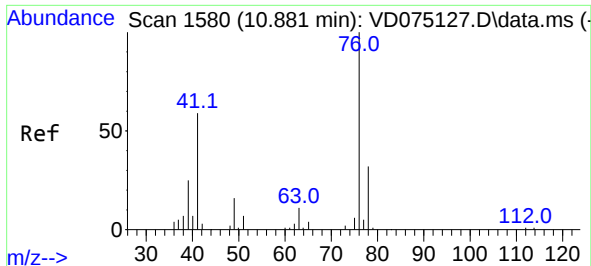


#56  
Ethyl methacrylate  
Concen: 52.171 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 69 Resp: 37468

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.7  | 55.7  | 83.5  |
| 39  | 37.6  | 31.4  | 47.0  |





#57

1,3-Dichloropropane

Concen: 52.342 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

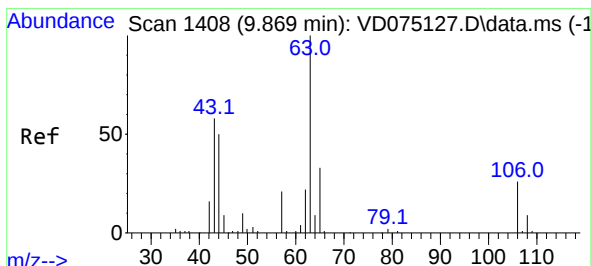
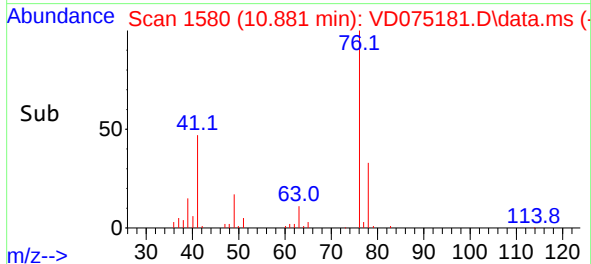
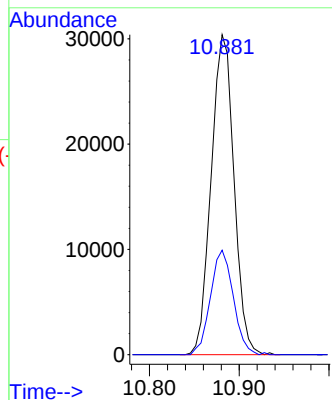
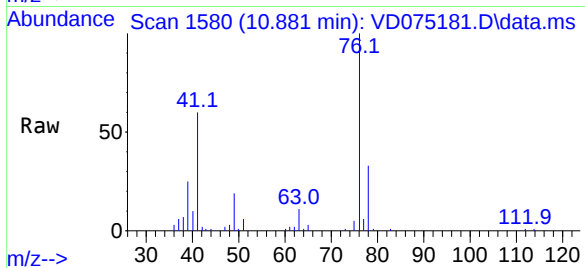
VSTDCCC050

Tgt Ion: 76 Resp: 53713

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 261.092 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075181.D

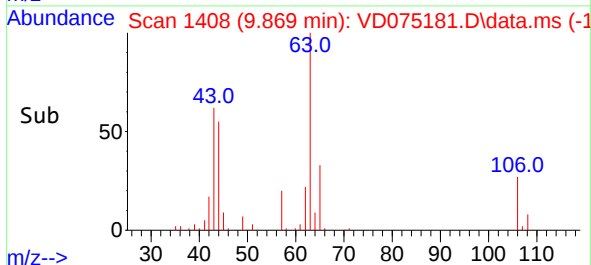
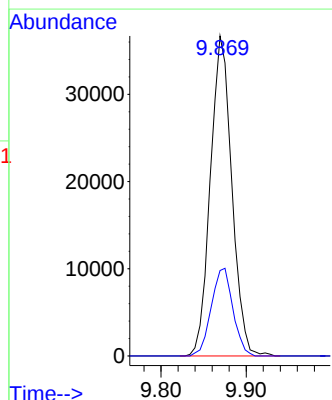
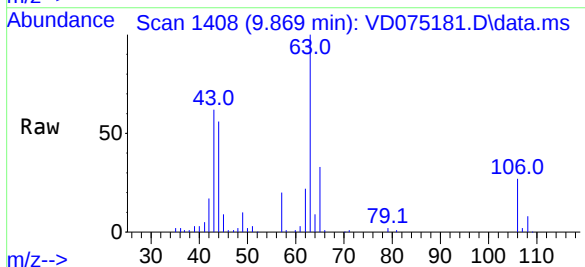
Acq: 24 Jan 2023 10:40

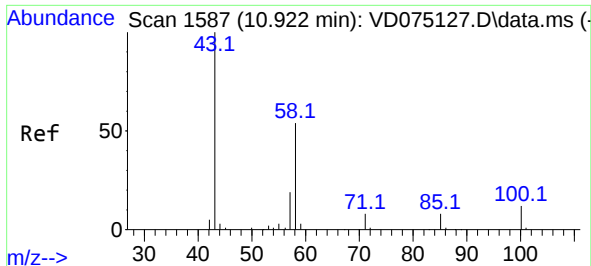
Tgt Ion: 63 Resp: 64163

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8

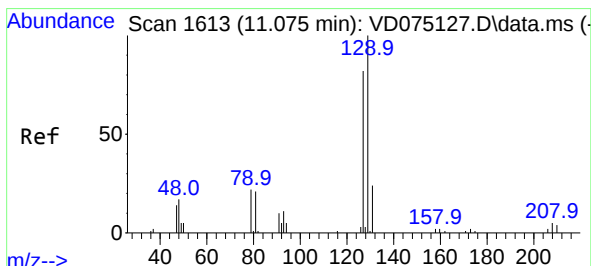
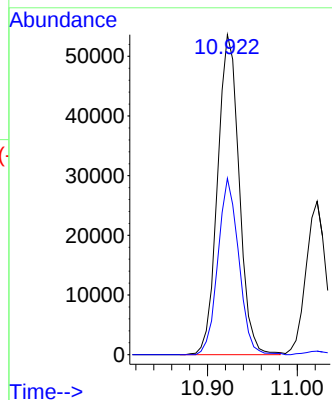
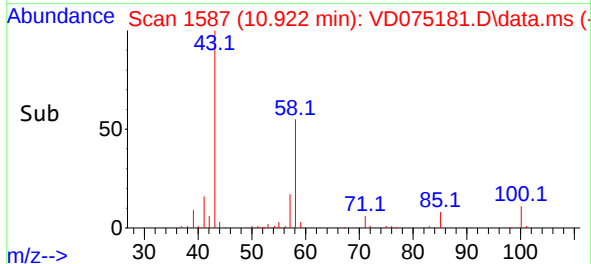
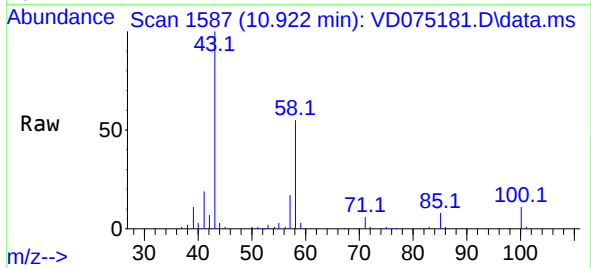




#59  
2-Hexanone  
Concen: 270.122 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

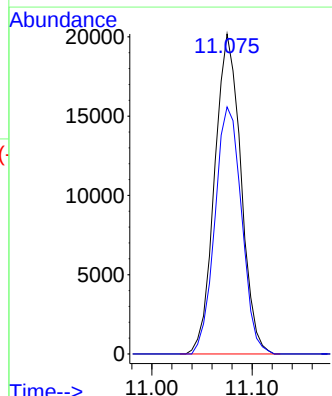
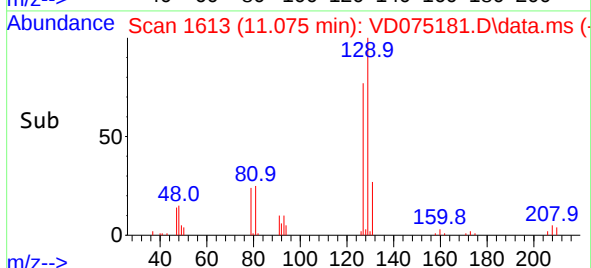
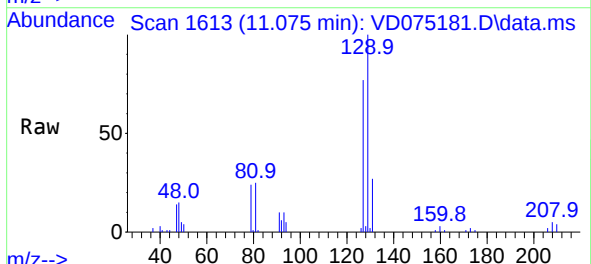
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

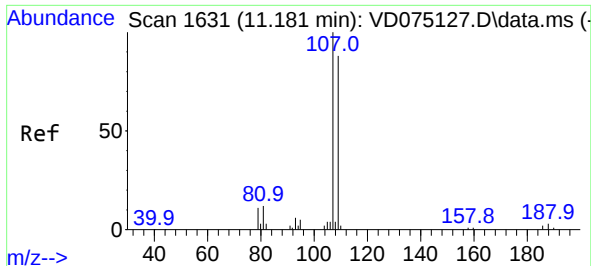
Tgt Ion: 43 Resp: 89566  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.8 80.4



#60  
Dibromochloromethane  
Concen: 51.009 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 129 Resp: 36717  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.9 116.6

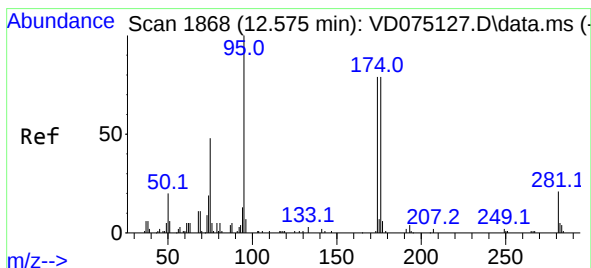
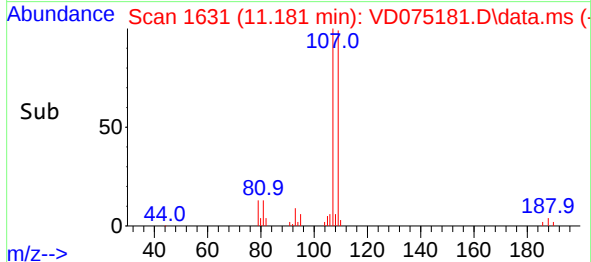
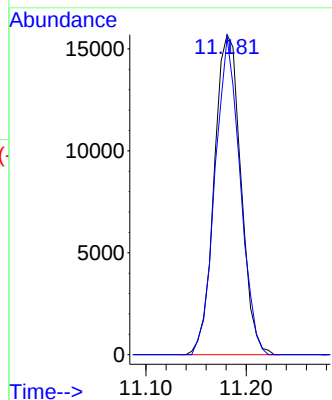
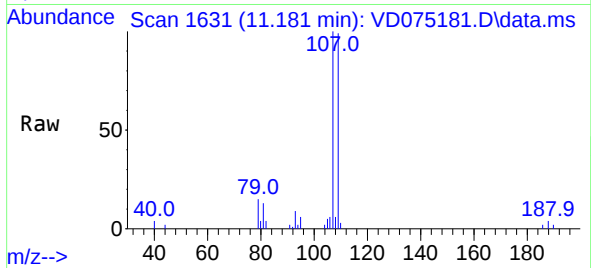




#61  
1,2-Dibromoethane  
Concen: 50.674 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

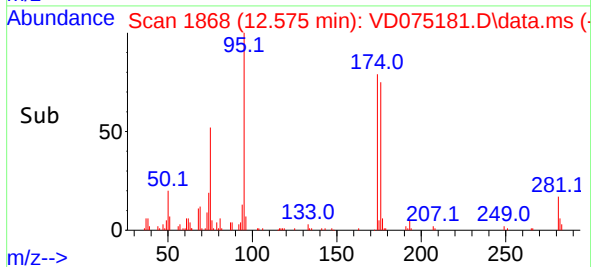
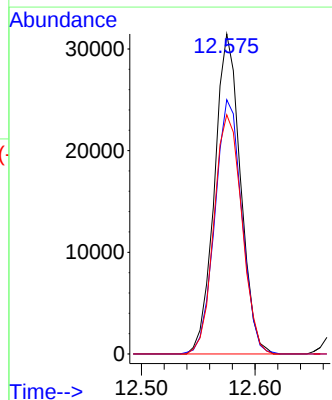
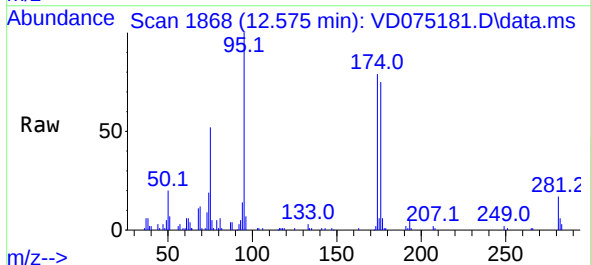
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

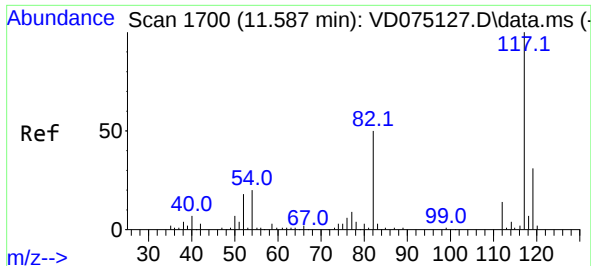
Tgt Ion:107 Resp: 28914  
Ion Ratio Lower Upper  
107 100  
109 93.5 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 52.819 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 95 Resp: 50037  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 161.2  
176 80.1 0.0 160.2

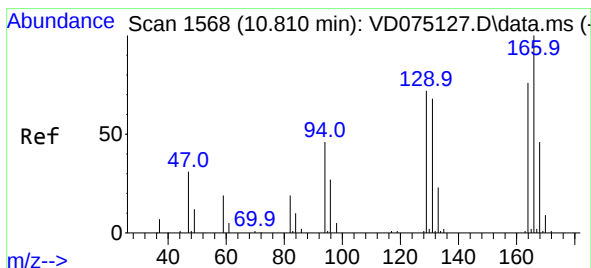
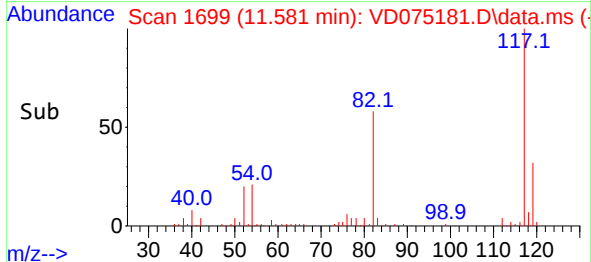
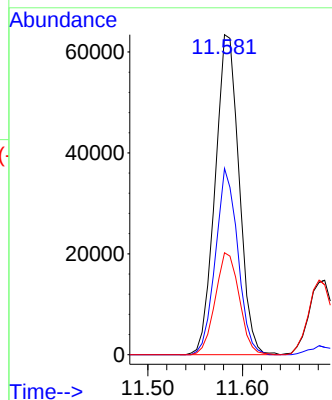
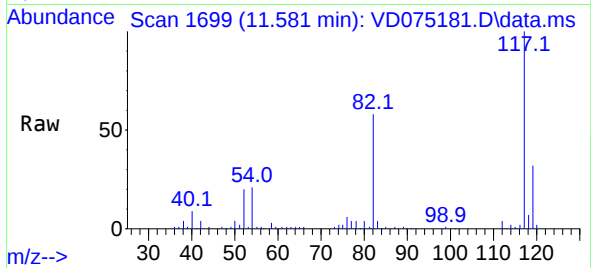




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

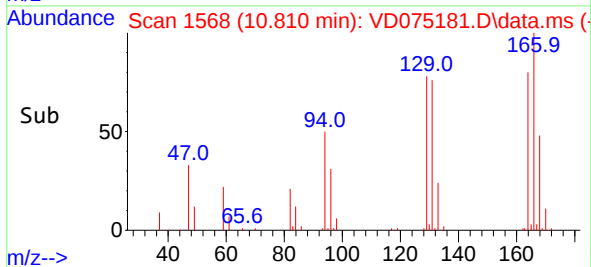
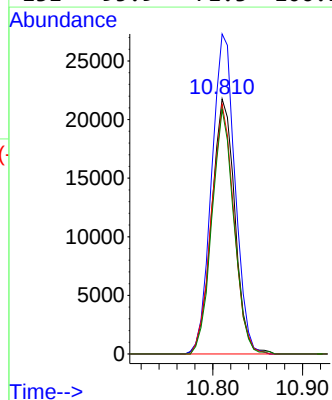
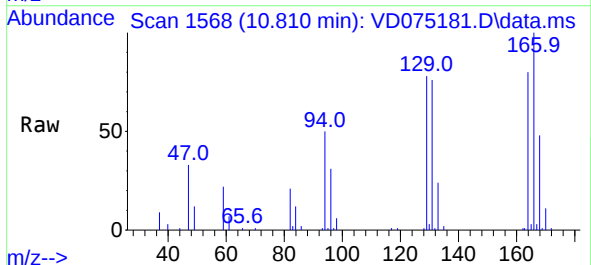
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

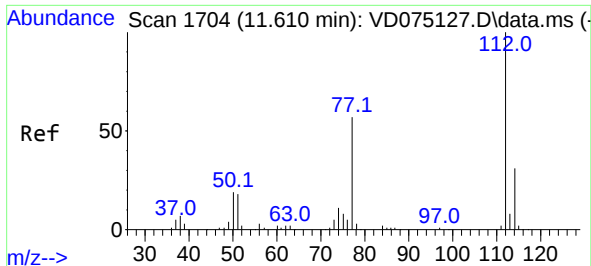
Tgt Ion:117 Resp: 111415  
Ion Ratio Lower Upper  
117 100  
82 58.2 39.6 59.4  
119 31.8 24.6 37.0



#64  
Tetrachloroethene  
Concen: 49.001 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:164 Resp: 38986  
Ion Ratio Lower Upper  
164 100  
166 125.4 105.3 157.9  
129 97.8 76.2 114.4  
131 95.9 71.3 106.9

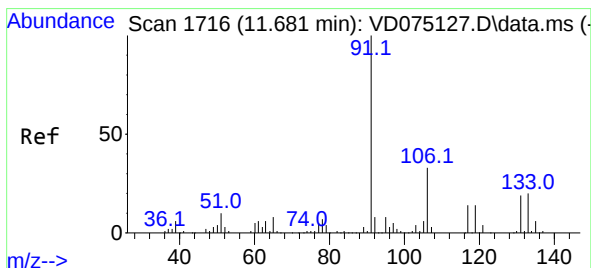
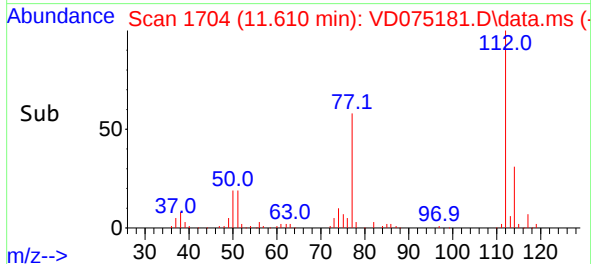
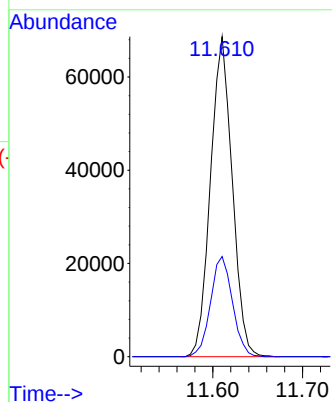
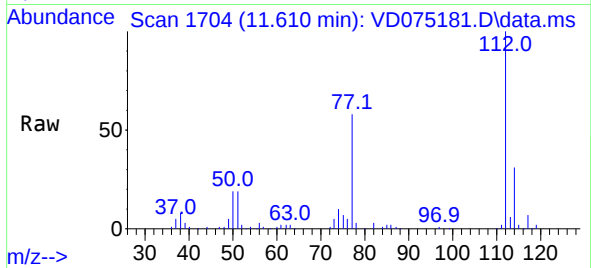




#65  
Chlorobenzene  
Concen: 50.565 ug/l  
RT: 11.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

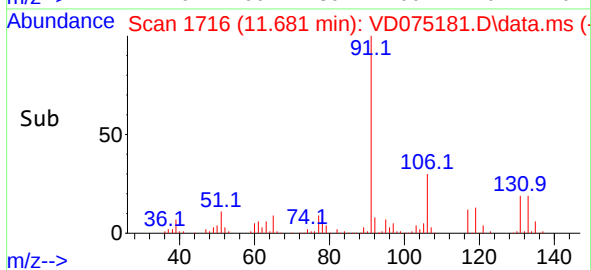
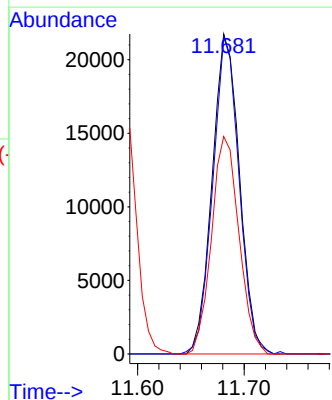
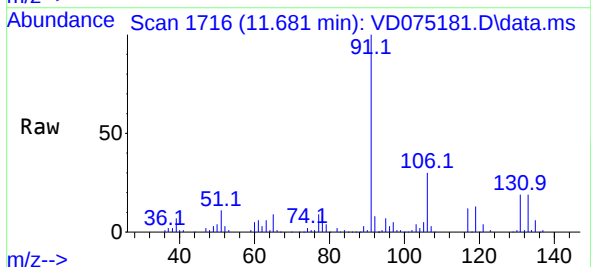
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

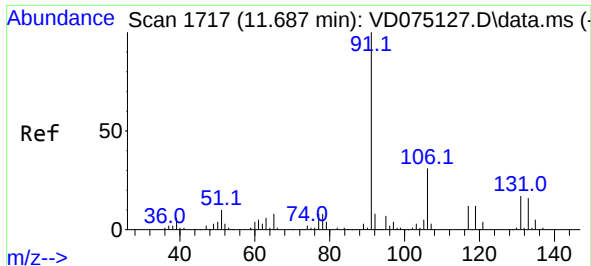
Tgt Ion:112 Resp: 115440  
Ion Ratio Lower Upper  
112 100  
114 31.3 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.239 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:131 Resp: 38579  
Ion Ratio Lower Upper  
131 100  
133 95.9 49.0 147.2  
119 68.5 34.8 104.5

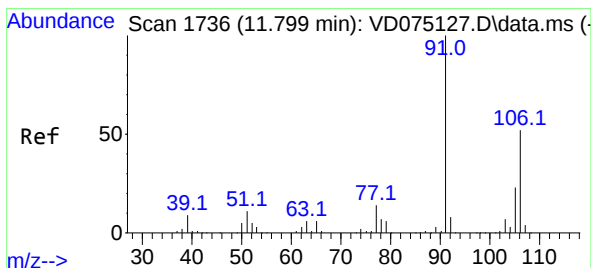
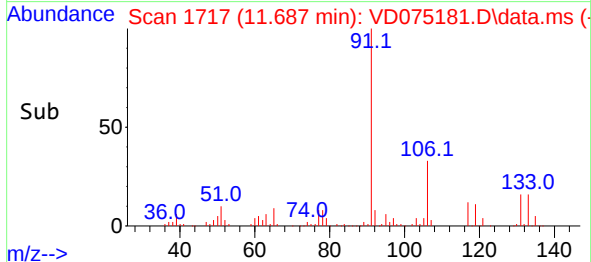
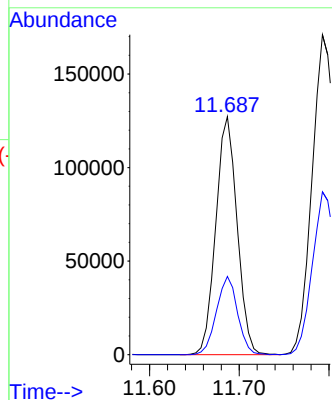
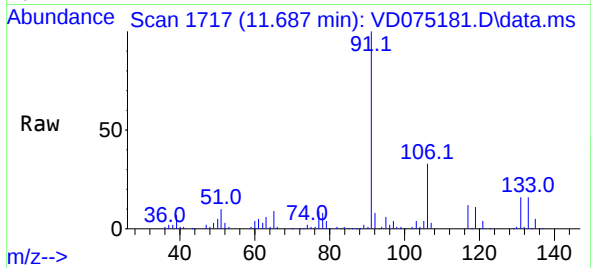




#67  
Ethyl Benzene  
Concen: 51.035 ug/l  
RT: 11.687 min Scan# 1717  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

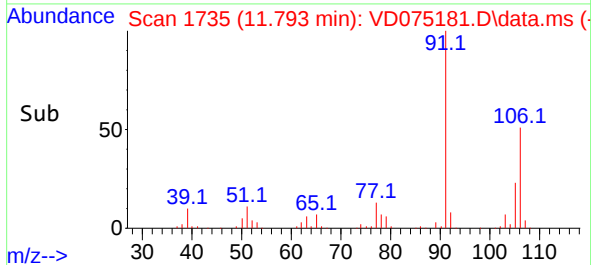
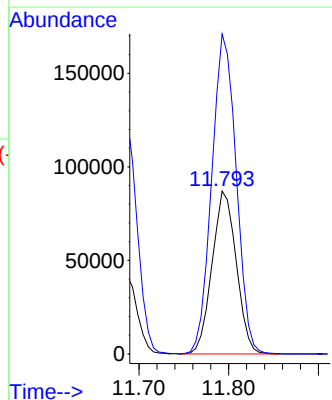
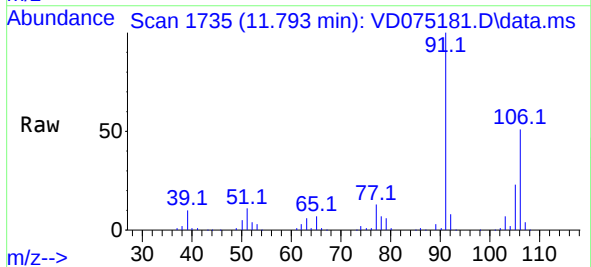
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

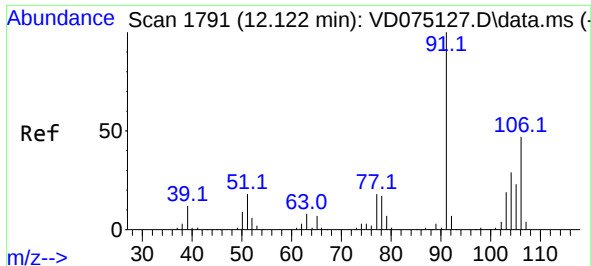
Tgt Ion: 91 Resp: 209731  
Ion Ratio Lower Upper  
91 100  
106 32.9 25.0 37.6



#68  
m/p-Xylenes  
Concen: 102.788 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:106 Resp: 163177  
Ion Ratio Lower Upper  
106 100  
91 198.5 160.3 240.5

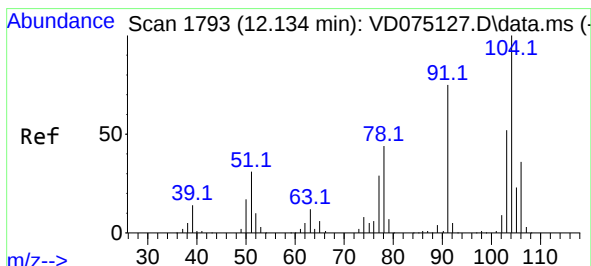
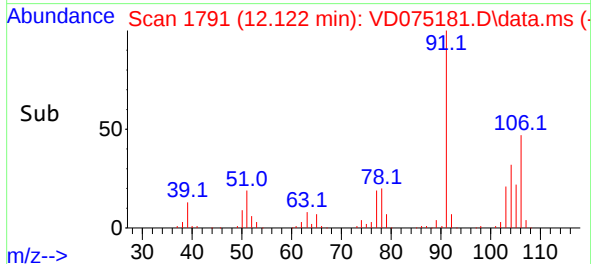
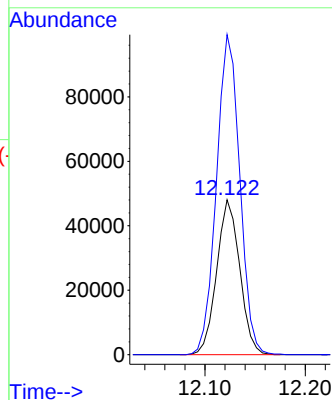
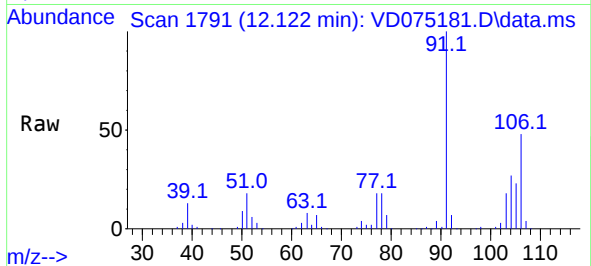




#69  
o-Xylene  
Concen: 51.541 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

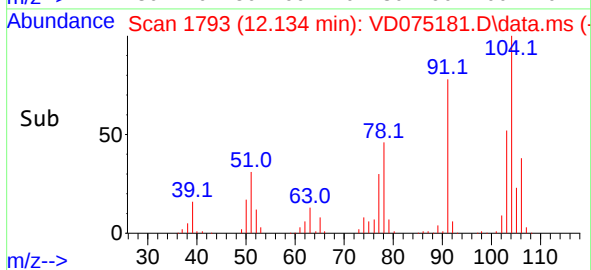
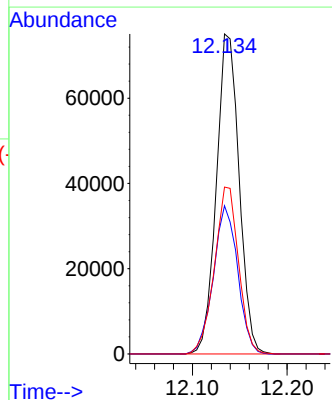
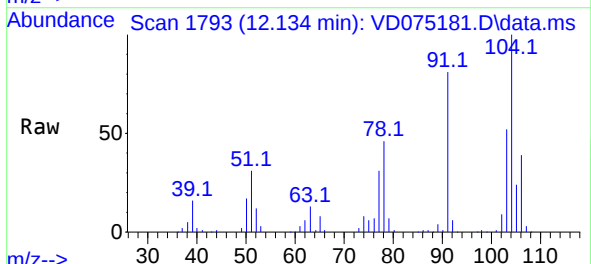
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

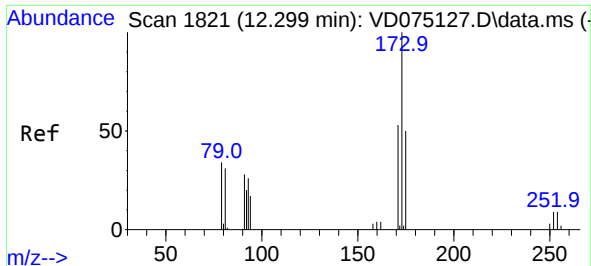
Tgt Ion:106 Resp: 76751  
Ion Ratio Lower Upper  
106 100  
91 209.0 103.6 310.9



#70  
Styrene  
Concen: 50.663 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:104 Resp: 125416  
Ion Ratio Lower Upper  
104 100  
78 49.4 38.9 58.3  
103 55.1 43.6 65.4

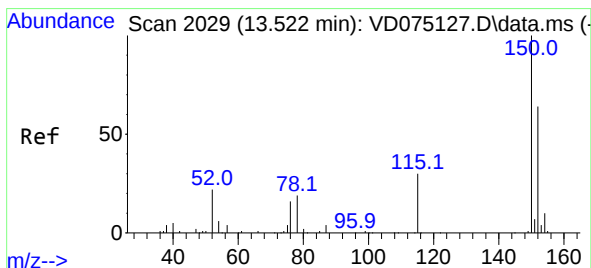
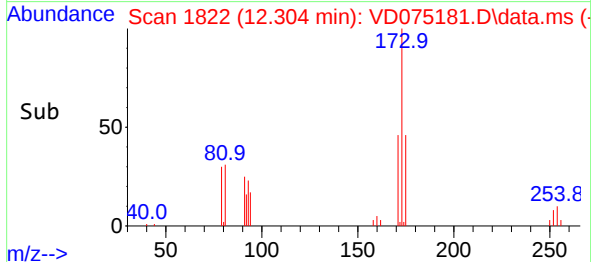
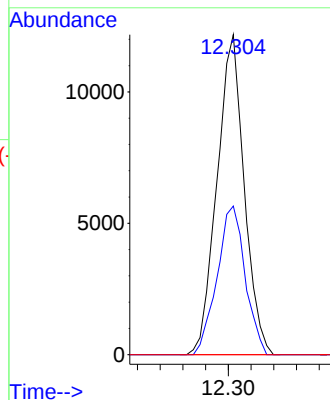
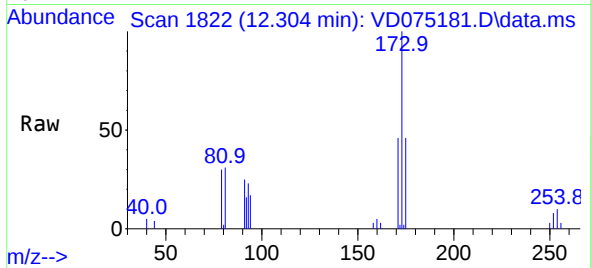




#71  
Bromoform  
Concen: 51.024 ug/l  
RT: 12.304 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

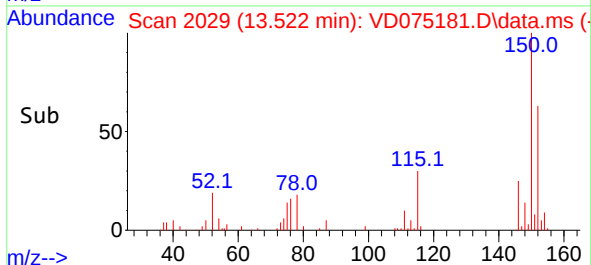
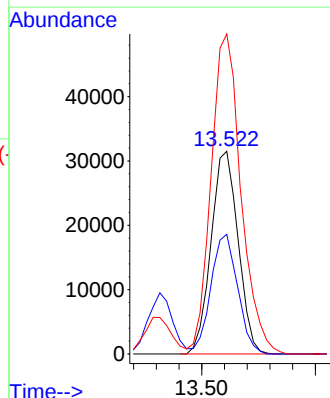
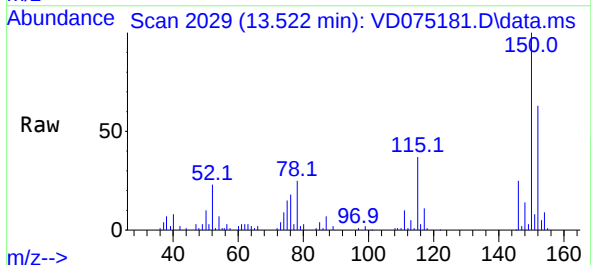
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MSVOA\_D  
ClientSampleId :  
VSTDCCC050

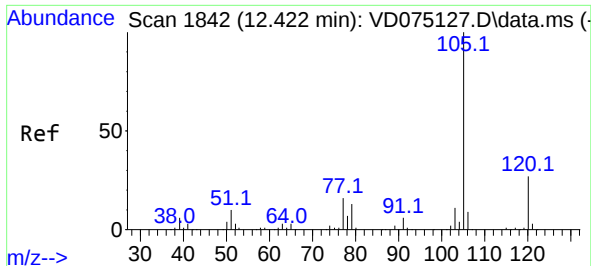
Tgt Ion:173 Resp: 20232  
Ion Ratio Lower Upper  
173 100  
175 47.9 25.4 76.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.522 min Scan# 2029  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:152 Resp: 52066  
Ion Ratio Lower Upper  
152 100  
115 58.6 28.8 86.4  
150 174.5 0.0 348.6

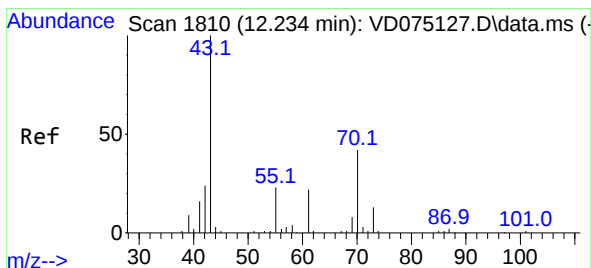
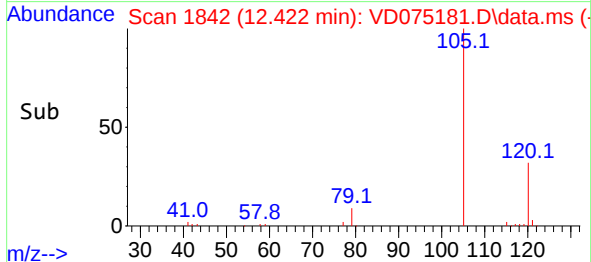
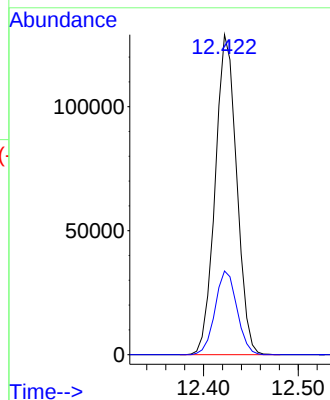
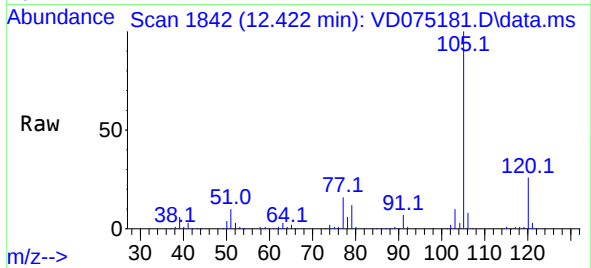




#73  
Isopropylbenzene  
Concen: 49.482 ug/l  
RT: 12.422 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

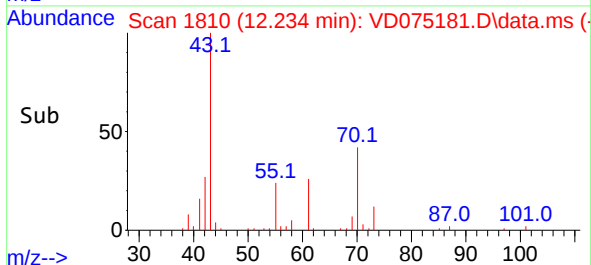
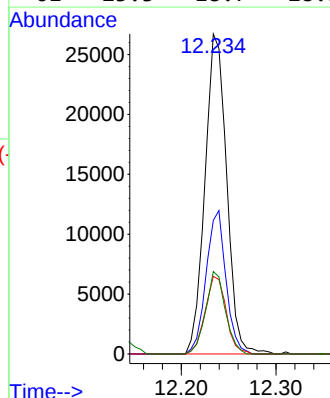
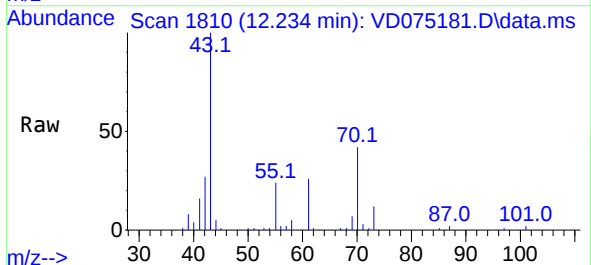
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

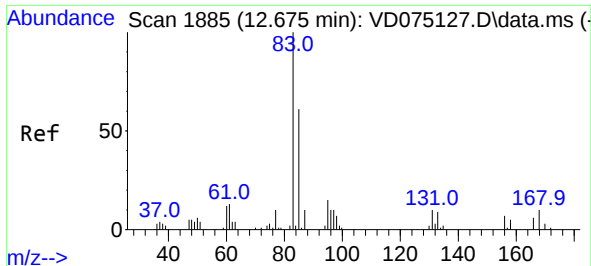
Tgt Ion:105 Resp: 203501  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.7 41.1



#74  
N-ethyl acetate  
Concen: 47.218 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 43 Resp: 42539  
Ion Ratio Lower Upper  
43 100  
70 41.0 32.6 49.0  
55 23.5 17.8 26.8  
61 23.3 18.7 28.1

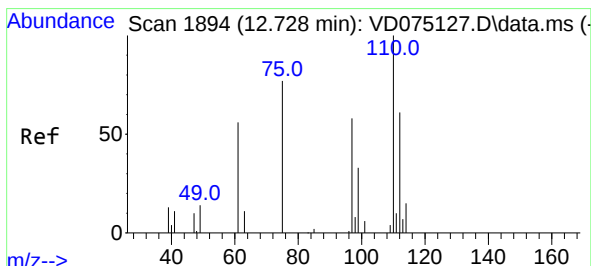
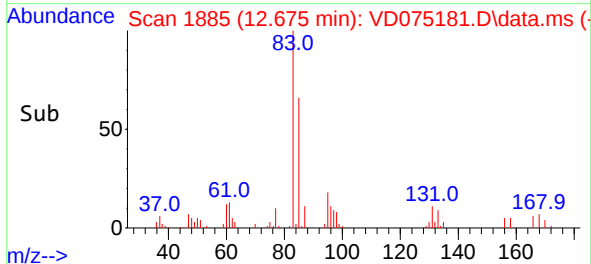
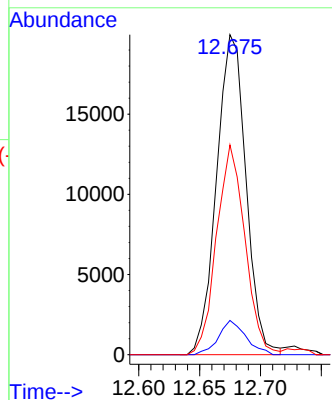
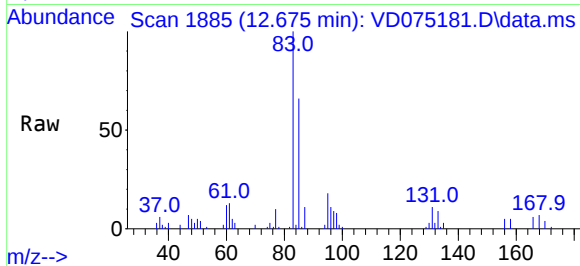




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.265 ug/l  
RT: 12.675 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

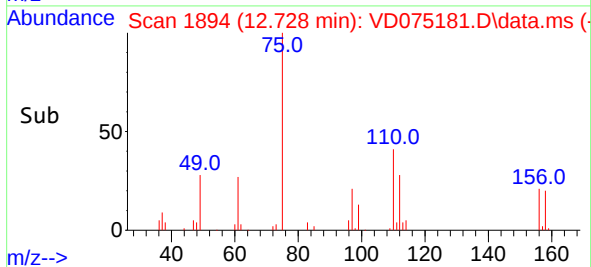
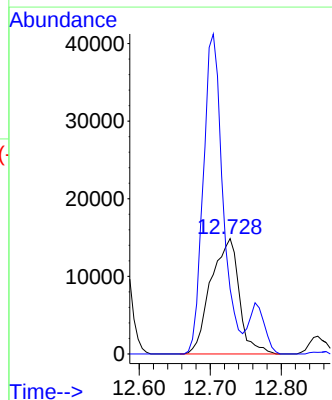
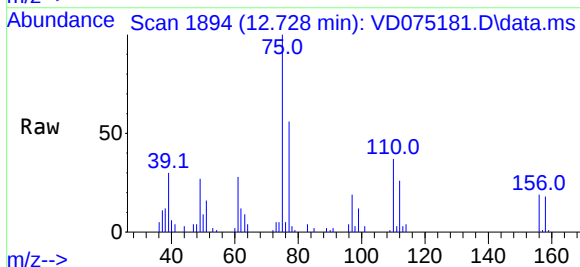
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

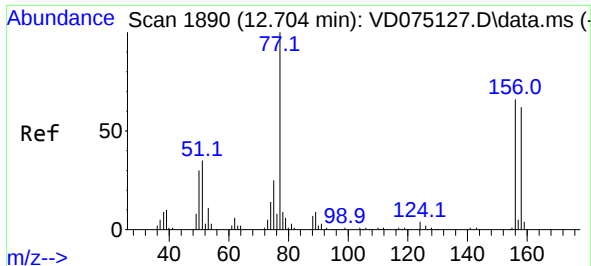
Tgt Ion: 83 Resp: 33592  
Ion Ratio Lower Upper  
83 100  
131 9.9 4.9 14.6  
85 63.2 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 93.503 ug/l  
RT: 12.728 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 75 Resp: 41231  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

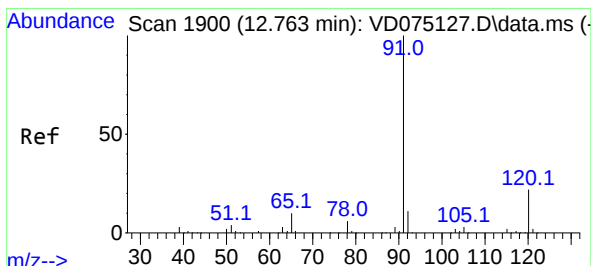
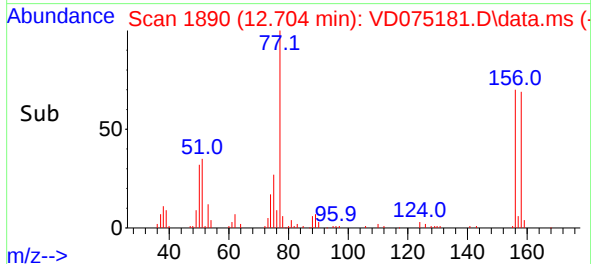
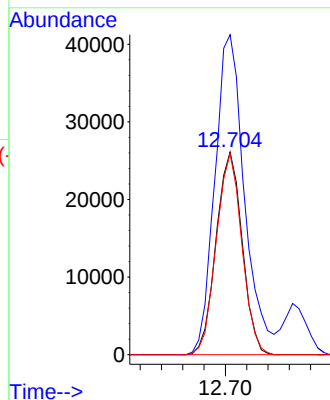
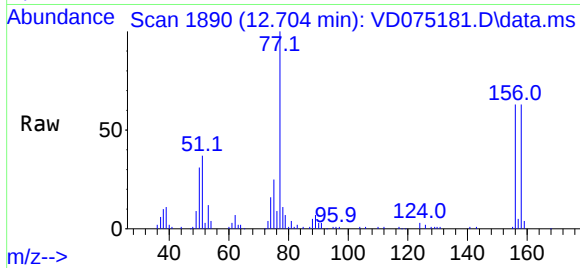




#77  
Bromobenzene  
Concen: 47.197 ug/l  
RT: 12.704 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

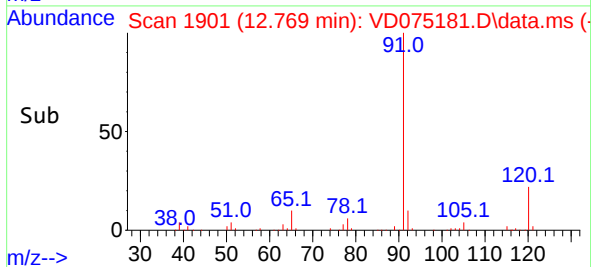
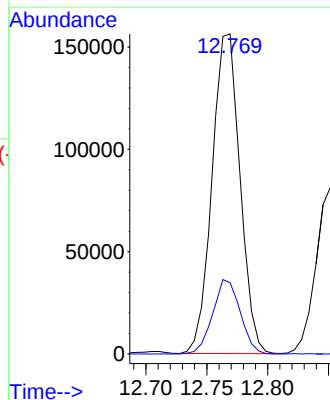
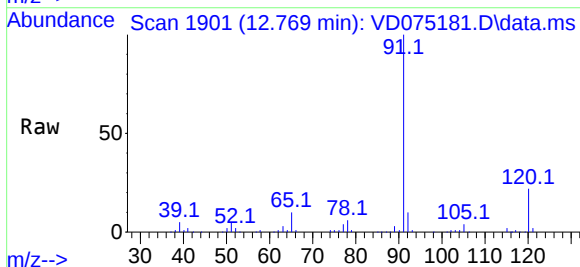
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

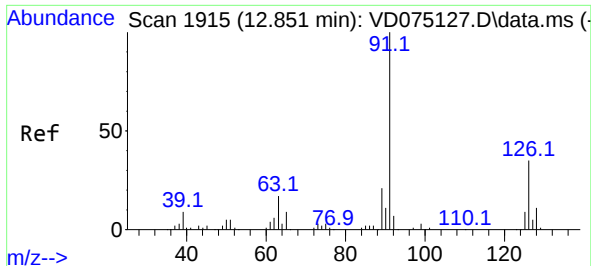
Tgt Ion:156 Resp: 44336  
Ion Ratio Lower Upper  
156 100  
77 179.4 85.6 256.8  
158 97.6 47.3 141.9



#78  
n-propylbenzene  
Concen: 49.378 ug/l  
RT: 12.769 min Scan# 1901  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 91 Resp: 249546  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.7 35.0





#79

2-Chlorotoluene

Concen: 49.014 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

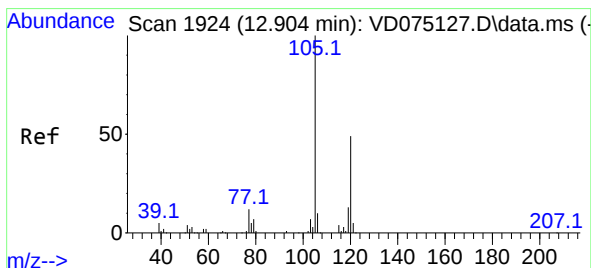
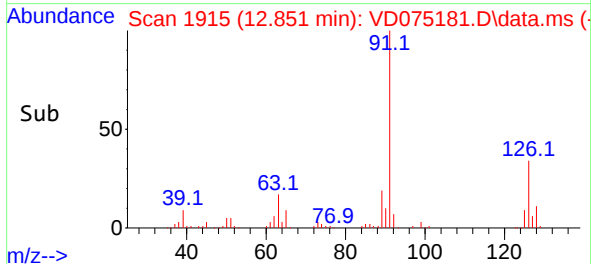
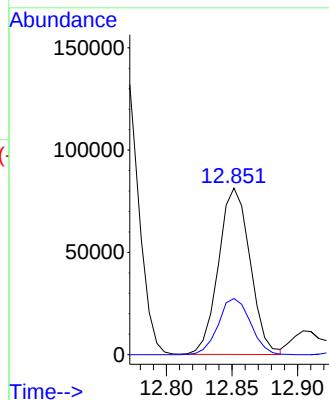
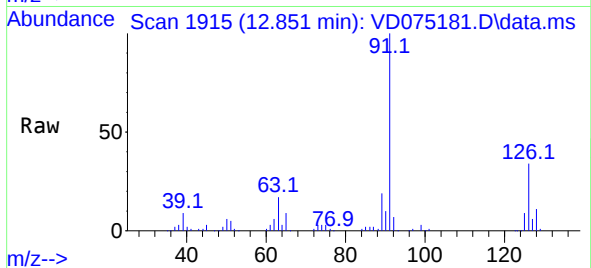
VSTDCCC050

Tgt Ion: 91 Resp: 136236

Ion Ratio Lower Upper

91 100

126 34.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 49.675 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075181.D

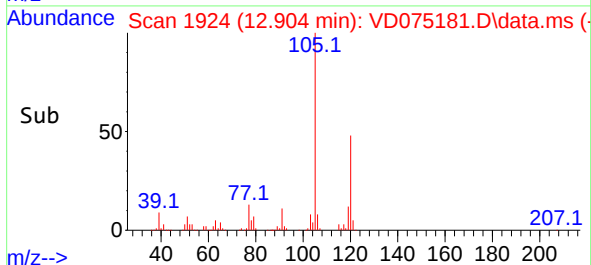
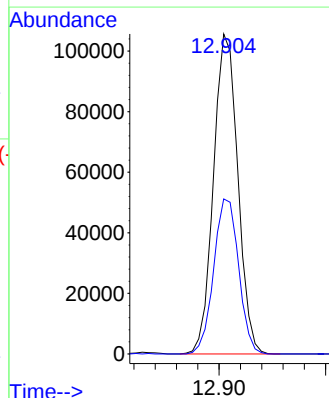
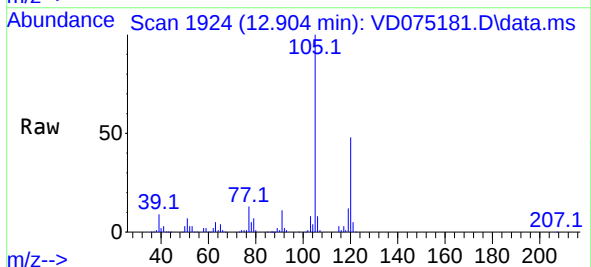
Acq: 24 Jan 2023 10:40

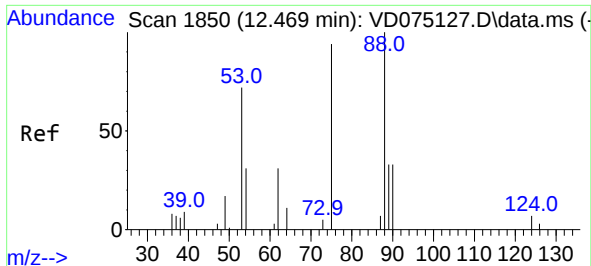
Tgt Ion: 105 Resp: 167378

Ion Ratio Lower Upper

105 100

120 49.6 24.6 73.8

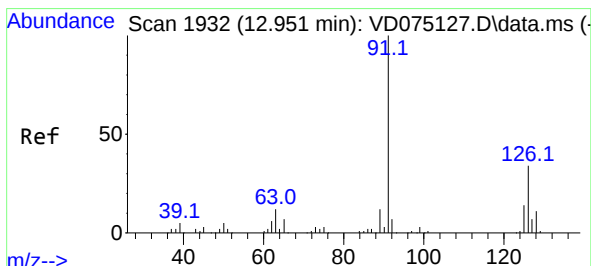
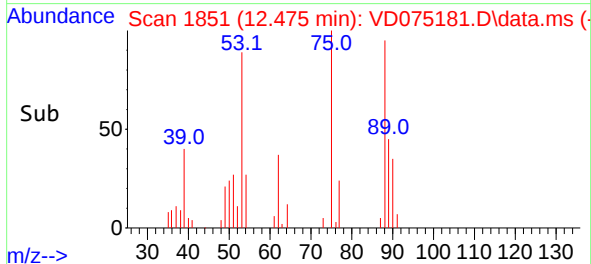
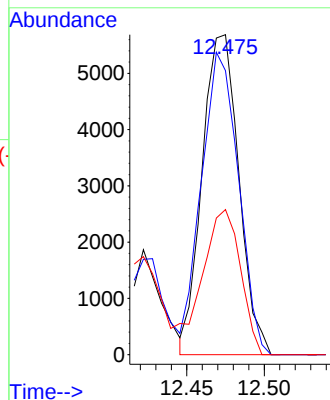
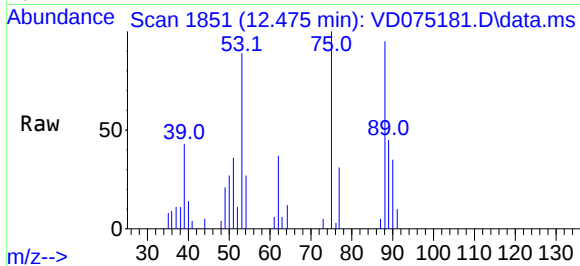




#81  
trans-1,4-Dichloro-2-butene  
Concen: 49.173 ug/l  
RT: 12.475 min Scan# 1851  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

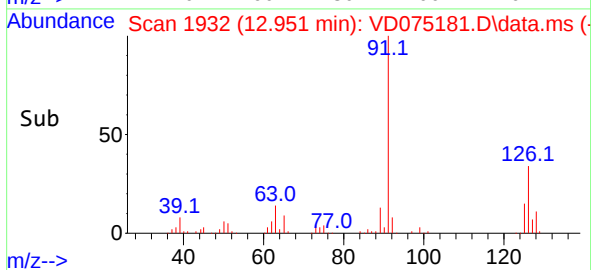
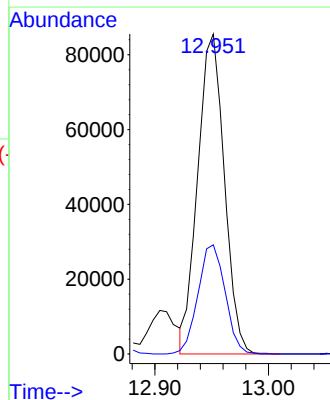
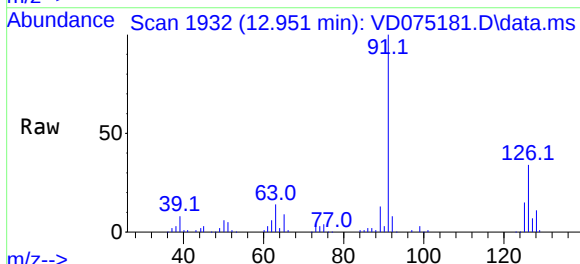
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

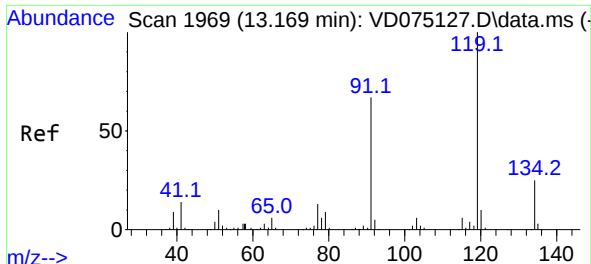
Tgt Ion: 75 Resp: 9348  
Ion Ratio Lower Upper  
75 100  
53 95.3 70.5 105.7  
89 44.0 34.6 52.0



#82  
4-Chlorotoluene  
Concen: 48.739 ug/l  
RT: 12.951 min Scan# 1932  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 91 Resp: 139283  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.3 52.0

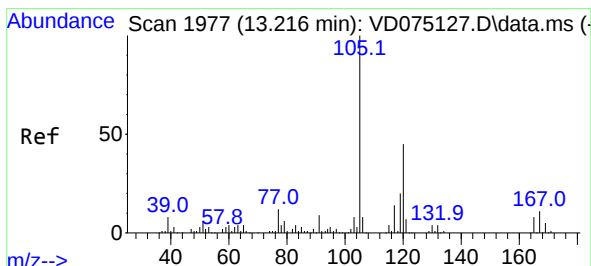
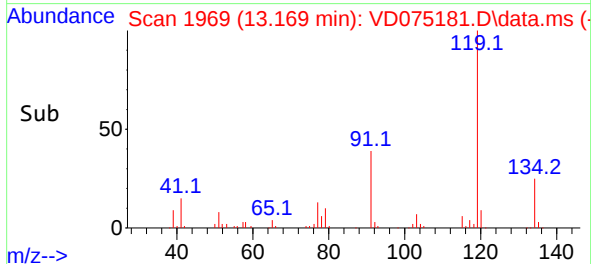
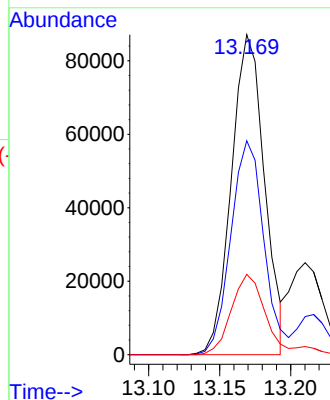
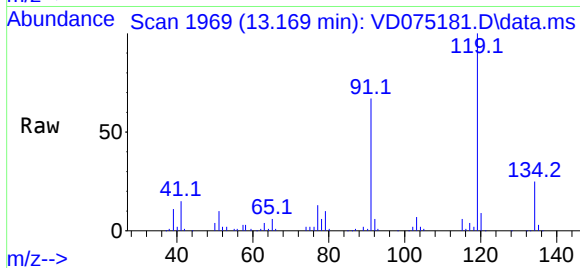




#83  
tert-Butylbenzene  
Concen: 48.567 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

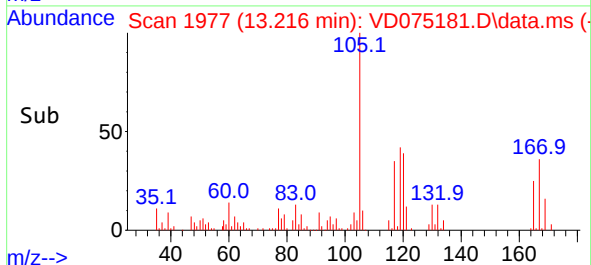
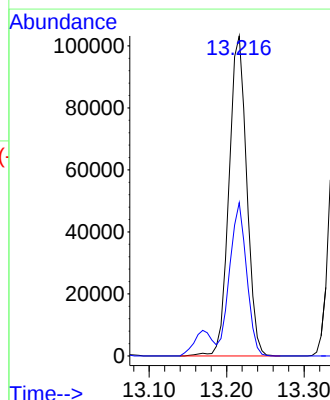
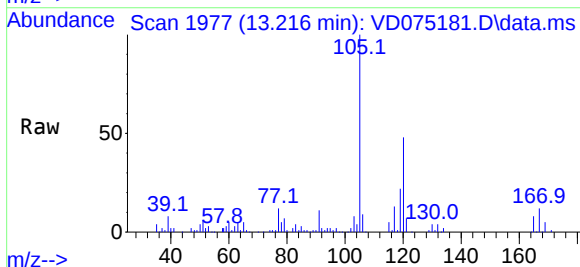
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

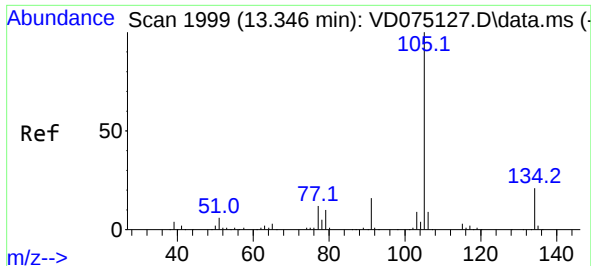
Tgt Ion:119 Resp: 141595  
Ion Ratio Lower Upper  
119 100  
91 66.8 32.9 98.6  
134 26.9 13.3 39.8



#84  
1,2,4-Trimethylbenzene  
Concen: 49.506 ug/l  
RT: 13.216 min Scan# 1977  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:105 Resp: 163820  
Ion Ratio Lower Upper  
105 100  
120 46.0 23.2 69.5

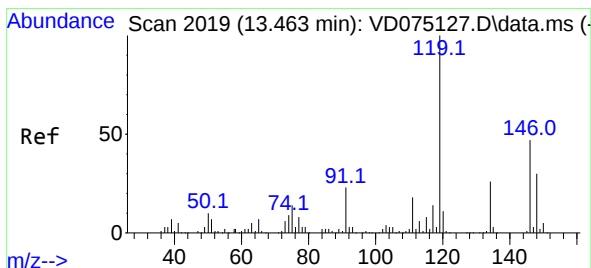
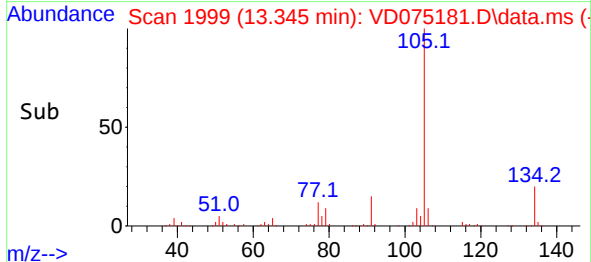
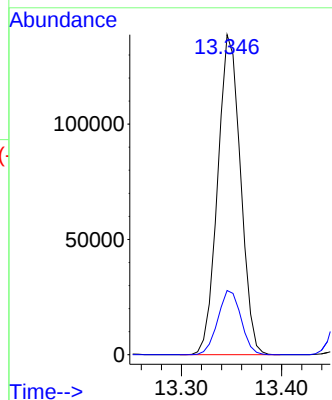
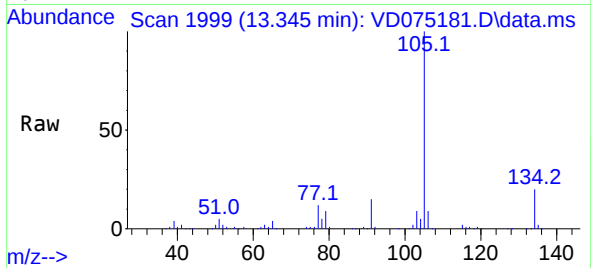




#85  
 sec-Butylbenzene  
 Concen: 49.484 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VD075181.D  
 Acq: 24 Jan 2023 10:40

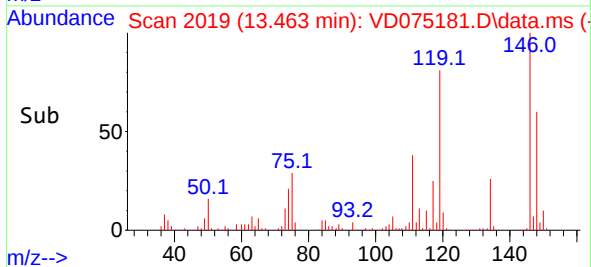
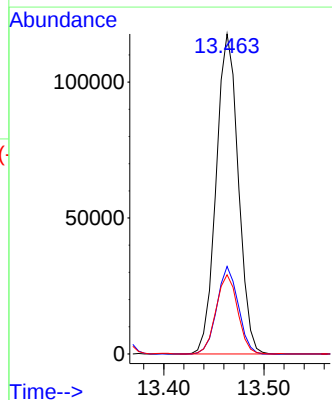
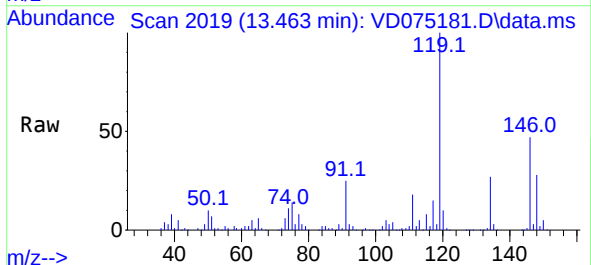
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDCCC050

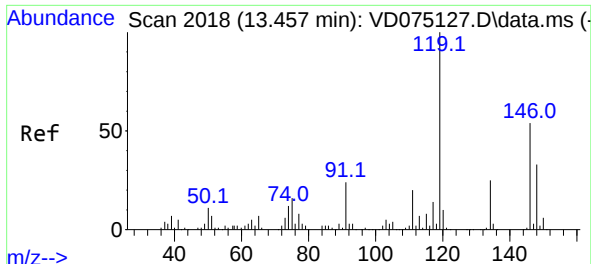
Tgt Ion:105 Resp: 219160  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 49.705 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. -0.000 min  
 Lab File: VD075181.D  
 Acq: 24 Jan 2023 10:40

Tgt Ion:119 Resp: 180227  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.3 39.8  
 91 24.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.103 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDCCC050

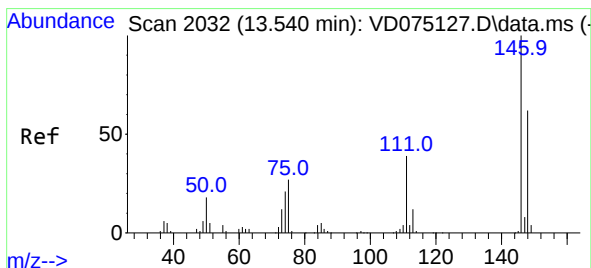
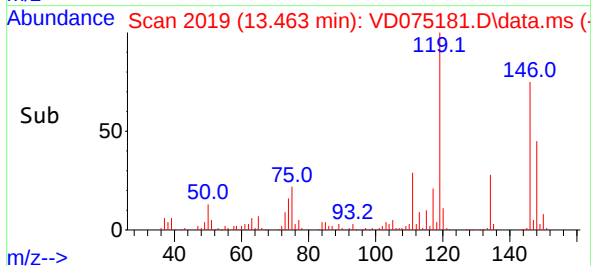
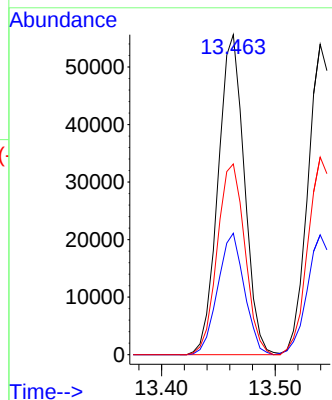
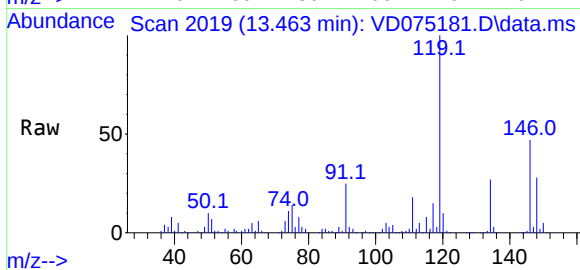
Tgt Ion:146 Resp: 89412

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.9

148 62.6 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 48.994 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075181.D

Acq: 24 Jan 2023 10:40

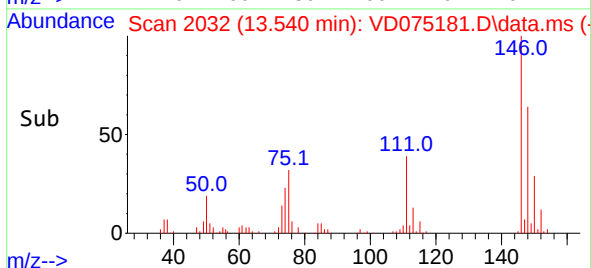
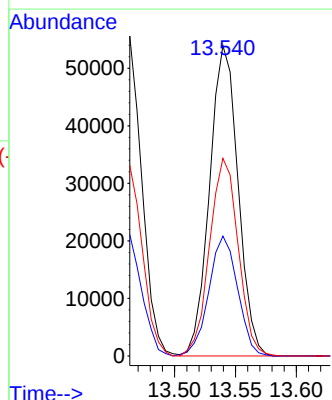
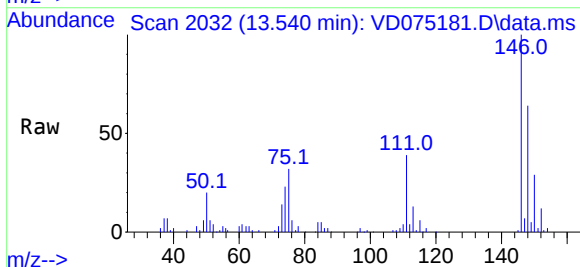
Tgt Ion:146 Resp: 87776

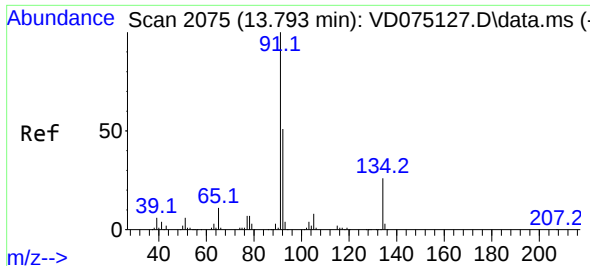
Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.0 31.9 95.5

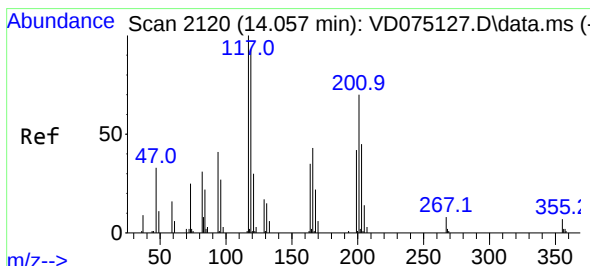
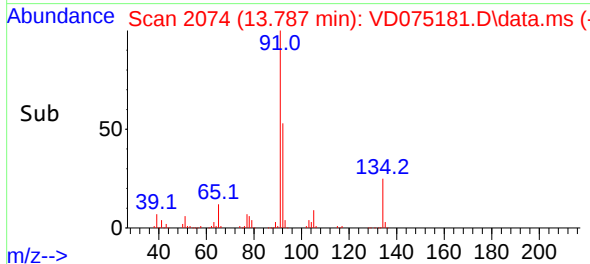
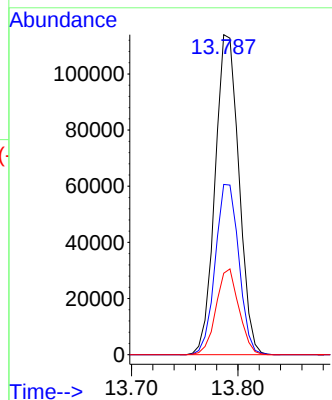
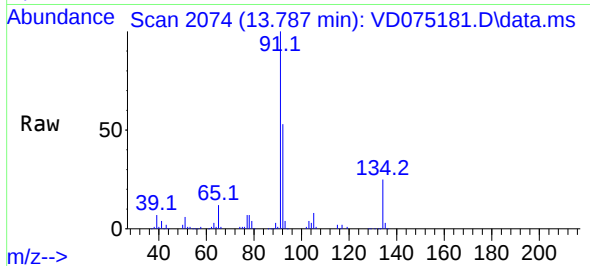




#89  
n-Butylbenzene  
Concen: 50.103 ug/l  
RT: 13.787 min Scan# 2075  
Delta R.T. -0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

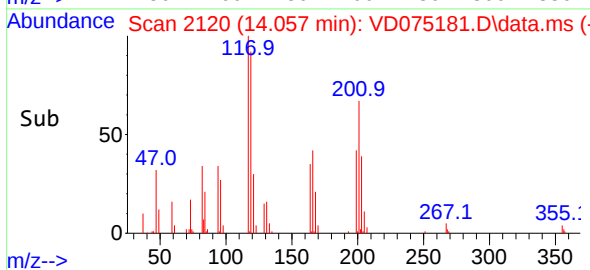
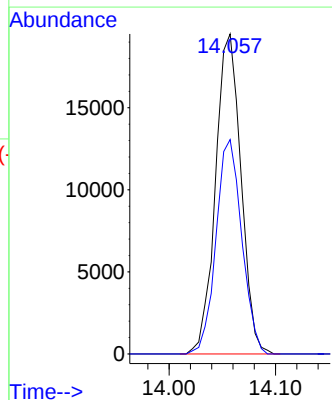
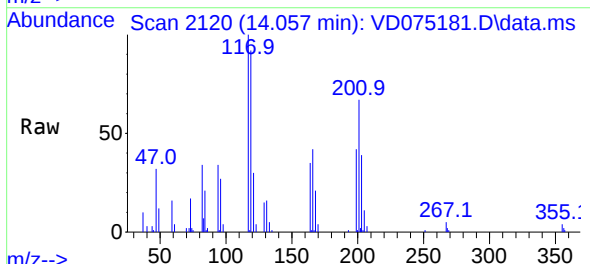
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

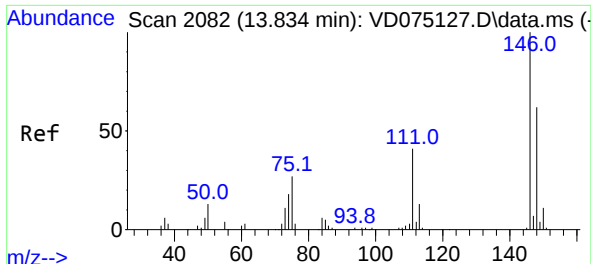
Tgt Ion: 91 Resp: 177028  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.8 80.3  
134 25.7 13.3 39.8



#90  
Hexachloroethane  
Concen: 50.519 ug/l  
RT: 14.057 min Scan# 2120  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 117 Resp: 32347  
Ion Ratio Lower Upper  
117 100  
201 67.7 35.1 105.5

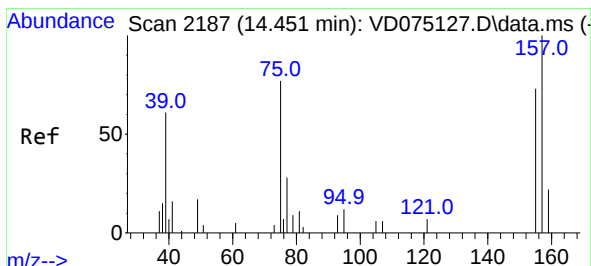
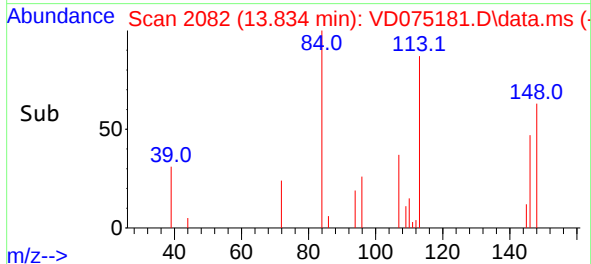
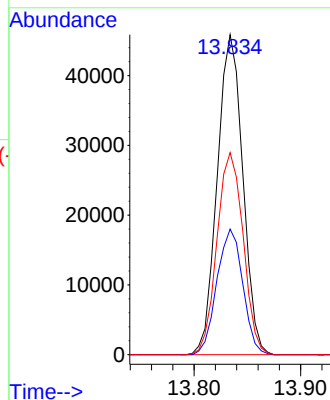
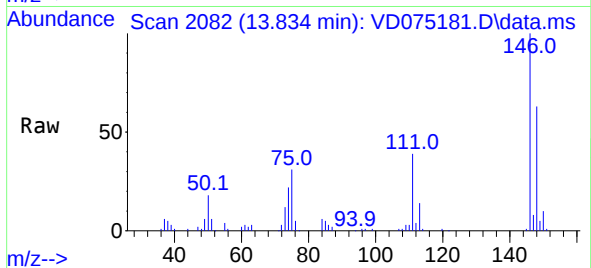




#91  
1,2-Dichlorobenzene  
Concen: 49.005 ug/l  
RT: 13.834 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

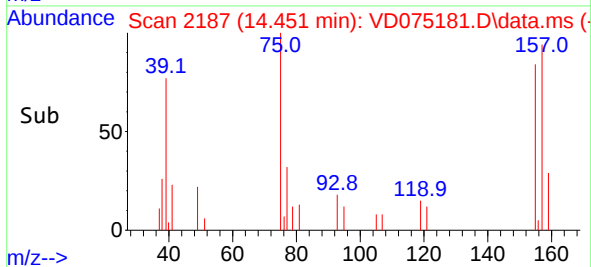
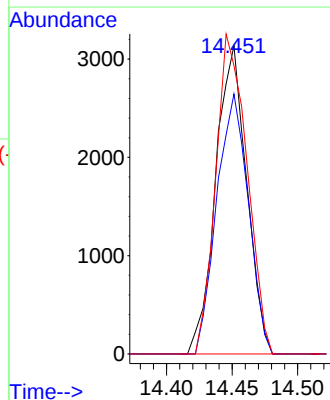
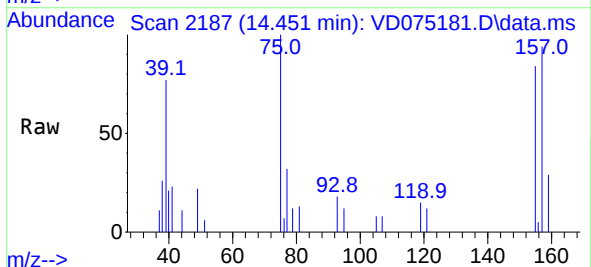
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

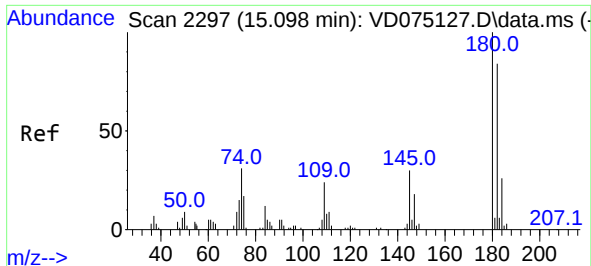
Tgt Ion:146 Resp: 76343  
Ion Ratio Lower Upper  
146 100  
111 39.8 20.4 61.2  
148 64.8 31.9 95.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 51.313 ug/l  
RT: 14.451 min Scan# 2187  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion: 75 Resp: 5141  
Ion Ratio Lower Upper  
75 100  
155 86.1 43.4 130.2  
157 104.9 56.4 169.2

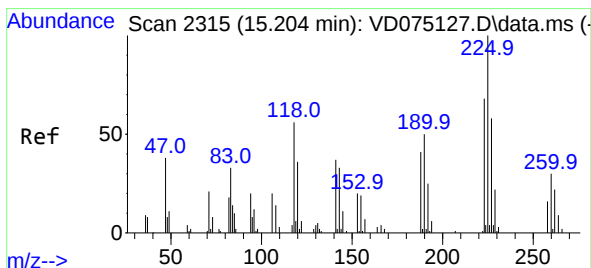
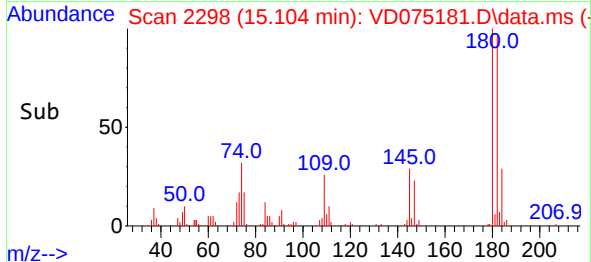
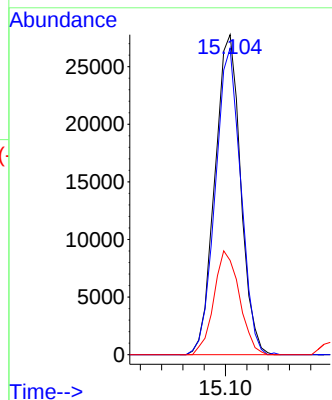
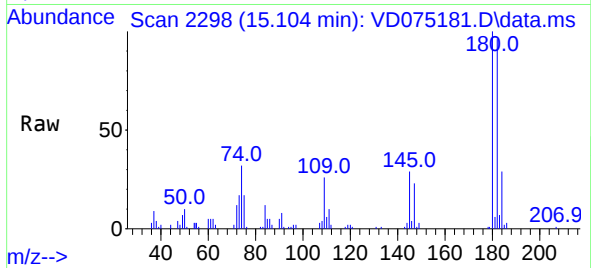




#93  
1,2,4-Trichlorobenzene  
Concen: 45.491 ug/l  
RT: 15.104 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

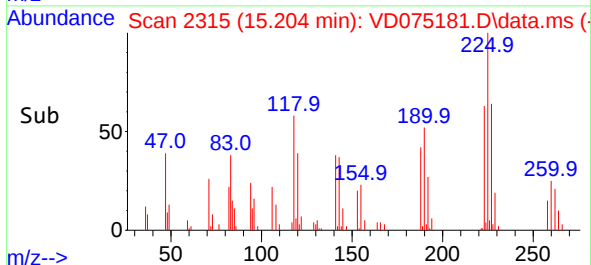
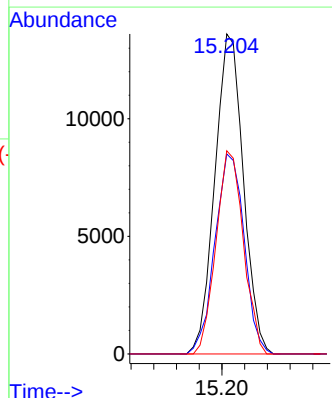
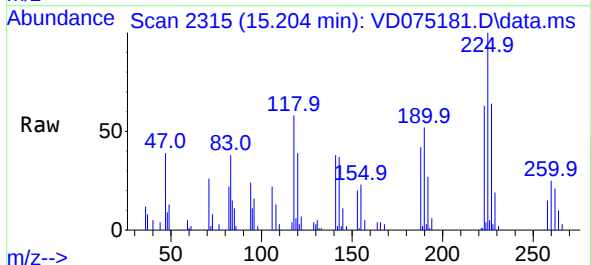
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

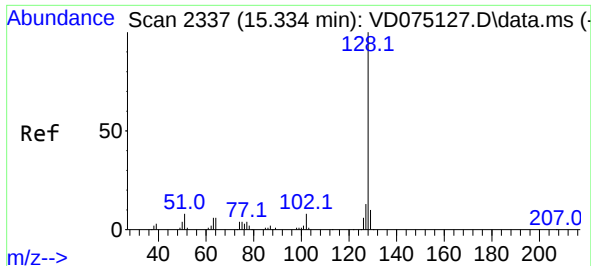
Tgt Ion:180 Resp: 46537  
Ion Ratio Lower Upper  
180 100  
182 94.4 46.2 138.6  
145 32.3 15.8 47.4



#94  
Hexachlorobutadiene  
Concen: 47.302 ug/l  
RT: 15.204 min Scan# 2315  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Tgt Ion:225 Resp: 23715  
Ion Ratio Lower Upper  
225 100  
223 64.0 31.8 95.4  
227 60.9 30.7 92.1

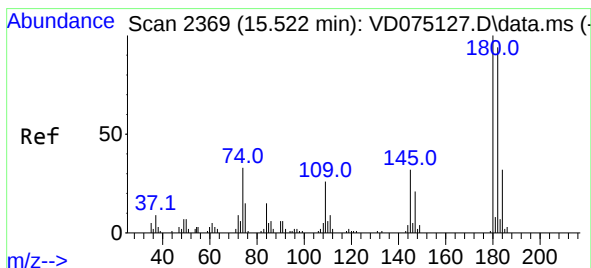
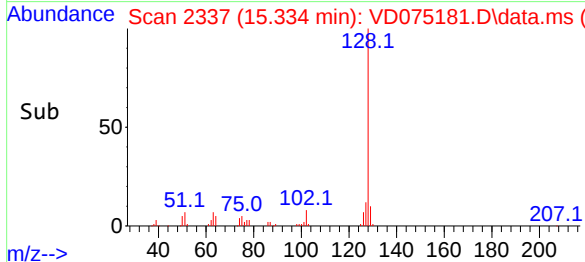
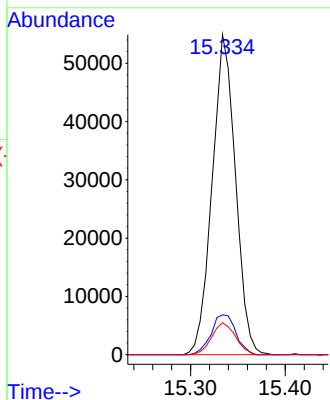
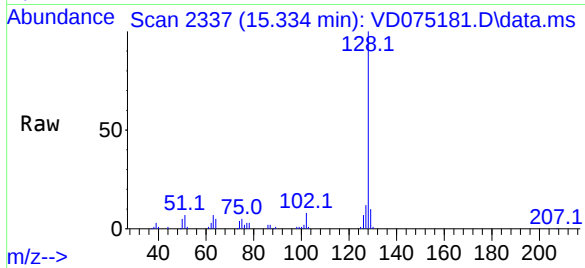




#95  
Naphthalene  
Concen: 46.041 ug/l  
RT: 15.334 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 93763 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.3  | 10.6  | 15.8  |
| 129      | 10.2  | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 47.259 ug/l  
RT: 15.528 min Scan# 2370  
Delta R.T. 0.006 min  
Lab File: VD075181.D  
Acq: 24 Jan 2023 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 41252 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.8  | 47.0  | 141.0 |
| 145      | 33.4  | 16.1  | 48.3  |

