

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030823\  
 Data File : VN076881.D  
 Acq On : 08 Mar 2023 15:48  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Mar 09 03:21:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 07 08:45:33 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 598836   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.101  | 114  | 1034155  | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.866 | 117  | 913064   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.795 | 152  | 416728   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.583  | 65    | 368074   | 43.840   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 87.680% |
| 35) Dibromofluoromethane    | 8.172  | 113   | 293757   | 45.407   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.820% |
| 50) Toluene-d8              | 10.566 | 98    | 1193551  | 47.886   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 95.780% |
| 62) 4-Bromofluorobenzene    | 12.854 | 95    | 428235   | 49.583   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 99.160% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.137 | 85  | 322886  | 46.338  | ug/l   | 98  |
| 3) Chloromethane             | 2.378 | 50  | 360768  | 39.364  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.531 | 62  | 333404  | 39.689  | ug/l   | 98  |
| 5) Bromomethane              | 2.954 | 94  | 209282  | 37.914  | ug/l   | 95  |
| 6) Chloroethane              | 3.131 | 64  | 204720  | 41.437  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.507 | 101 | 560349  | 45.717  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.972 | 74  | 228900  | 48.548  | ug/l   | 73  |
| 9) 1,1,2-Trichlorotrifluo... | 4.384 | 101 | 335884  | 46.868  | ug/l   | 100 |
| 10) Methyl Iodide            | 4.607 | 142 | 393302  | 52.618  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.531 | 59  | 266681  | 213.901 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.354 | 96  | 315785  | 47.254  | ug/l   | 94  |
| 13) Acrolein                 | 4.190 | 56  | 302646  | 187.645 | ug/l   | 99  |
| 14) Allyl chloride           | 5.037 | 41  | 505003  | 45.264  | ug/l # | 78  |
| 15) Acrylonitrile            | 5.725 | 53  | 881301  | 219.802 | ug/l   | 99  |
| 16) Acetone                  | 4.437 | 43  | 869675  | 237.303 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.725 | 76  | 839009  | 46.246  | ug/l   | 97  |
| 18) Methyl Acetate           | 5.031 | 43  | 536127  | 42.692  | ug/l # | 87  |
| 19) Methyl tert-butyl Ether  | 5.807 | 73  | 1080258 | 47.141  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.284 | 84  | 365600  | 42.757  | ug/l # | 83  |
| 21) trans-1,2-Dichloroethene | 5.801 | 96  | 338453  | 46.841  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.678 | 45  | 1173451 | 46.750  | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.613 | 43  | 3705488 | 231.763 | ug/l # | 91  |
| 24) 1,1-Dichloroethane       | 6.578 | 63  | 665053  | 46.464  | ug/l   | 98  |
| 25) 2-Butanone               | 7.489 | 43  | 1191900 | 222.639 | ug/l # | 86  |
| 26) 2,2-Dichloropropane      | 7.495 | 77  | 520067  | 49.615  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 393026  | 46.432  | ug/l   | 87  |
| 28) Bromochloromethane       | 7.819 | 49  | 271826  | 44.910  | ug/l # | 78  |
| 29) Tetrahydrofuran          | 7.842 | 42  | 751909  | 217.721 | ug/l # | 80  |
| 30) Chloroform               | 7.972 | 83  | 655772  | 46.129  | ug/l   | 96  |
| 31) Cyclohexane              | 8.260 | 56  | 616771  | 43.487  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane    | 8.172 | 97  | 568732  | 46.199  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 494419  | 47.550  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.566 | 43  | 461097  | 43.203  | ug/l   | 93  |
| 38) Carbon Tetrachloride     | 8.366 | 117 | 496839  | 47.036  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.601 | 83  | 637102  | 49.709  | ug/l # | 86  |
| 40) Benzene                  | 8.613 | 78  | 1501186 | 47.395  | ug/l   | 98  |

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 Acq On : 08 Mar 2023 15:48  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Mar 09 03:21:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 07 08:45:33 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 254165   | 43.609  | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 496890   | 45.034  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.689  | 43   | 746899   | 45.712  | ug/l # | 92       |
| 44) Trichloroethene           | 9.354  | 130  | 374194   | 49.826  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 392508   | 47.954  | ug/l   | 98       |
| 46) Dibromomethane            | 9.713  | 93   | 244718   | 47.073  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.889  | 83   | 510419   | 47.758  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.683  | 41   | 366200   | 46.124  | ug/l # | 79       |
| 49) 1,4-Dioxane               | 9.695  | 88   | 133395   | 916.669 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.448 | 43   | 2337963  | 226.853 | ug/l   | 92       |
| 52) Toluene                   | 10.630 | 92   | 932243   | 49.430  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.836 | 75   | 535458   | 51.686  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.313 | 75   | 605878   | 50.915  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 11.019 | 97   | 353467   | 47.113  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 560817   | 50.170  | ug/l # | 85       |
| 57) 1,3-Dichloropropane       | 11.166 | 76   | 615173   | 47.226  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.160 | 63   | 859649   | 221.951 | ug/l   | 92       |
| 59) 2-Hexanone                | 11.195 | 43   | 1736697  | 232.551 | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.360 | 129  | 376232   | 50.891  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 345553   | 47.921  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.107 | 164  | 373914   | 55.029  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.895 | 112  | 939923   | 47.634  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.960 | 131  | 347542   | 48.690  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.966 | 91   | 1793080  | 50.045  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 1366879  | 101.400 | ug/l   | 95       |
| 69) o-Xylene                  | 12.401 | 106  | 668111   | 50.330  | ug/l   | 91       |
| 70) Styrene                   | 12.413 | 104  | 1101278  | 52.914  | ug/l   | 96       |
| 71) Bromoform                 | 12.583 | 173  | 251482   | 51.760  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.695 | 105  | 1763733  | 48.554  | ug/l   | 96       |
| 74) N-amyl acetate            | 12.495 | 43   | 635693   | 44.746  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.942 | 83   | 466712   | 40.091  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.995 | 75   | 626735   | 59.634  | ug/l   | 64       |
| 77) Bromobenzene              | 12.983 | 156  | 378203   | 47.050  | ug/l   | 90       |
| 78) n-propylbenzene           | 13.036 | 91   | 2089211  | 50.434  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 13.130 | 91   | 1246258  | 46.900  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 13.177 | 105  | 1498425  | 49.218  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.742 | 75   | 152910   | 47.984  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.224 | 91   | 1225854  | 48.661  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.442 | 119  | 1266454  | 48.680  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.483 | 105  | 1484184  | 49.421  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1865410  | 51.356  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.730 | 119  | 1538759  | 52.964  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.736 | 146  | 717574   | 48.890  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 709924   | 47.636  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 1358035  | 54.107  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.336 | 117  | 263572   | 50.212  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.107 | 146  | 707987   | 47.620  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.724 | 75   | 94282    | 42.741  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.395 | 180  | 402599   | 54.129  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 201713   | 52.086  | ug/l   | 99       |
| 95) Naphthalene               | 15.642 | 128  | 1229458  | 51.605  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.842 | 180  | 384312   | 52.570  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN030823\  
Data File : VN076881.D  
Acq On : 08 Mar 2023 15:48  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

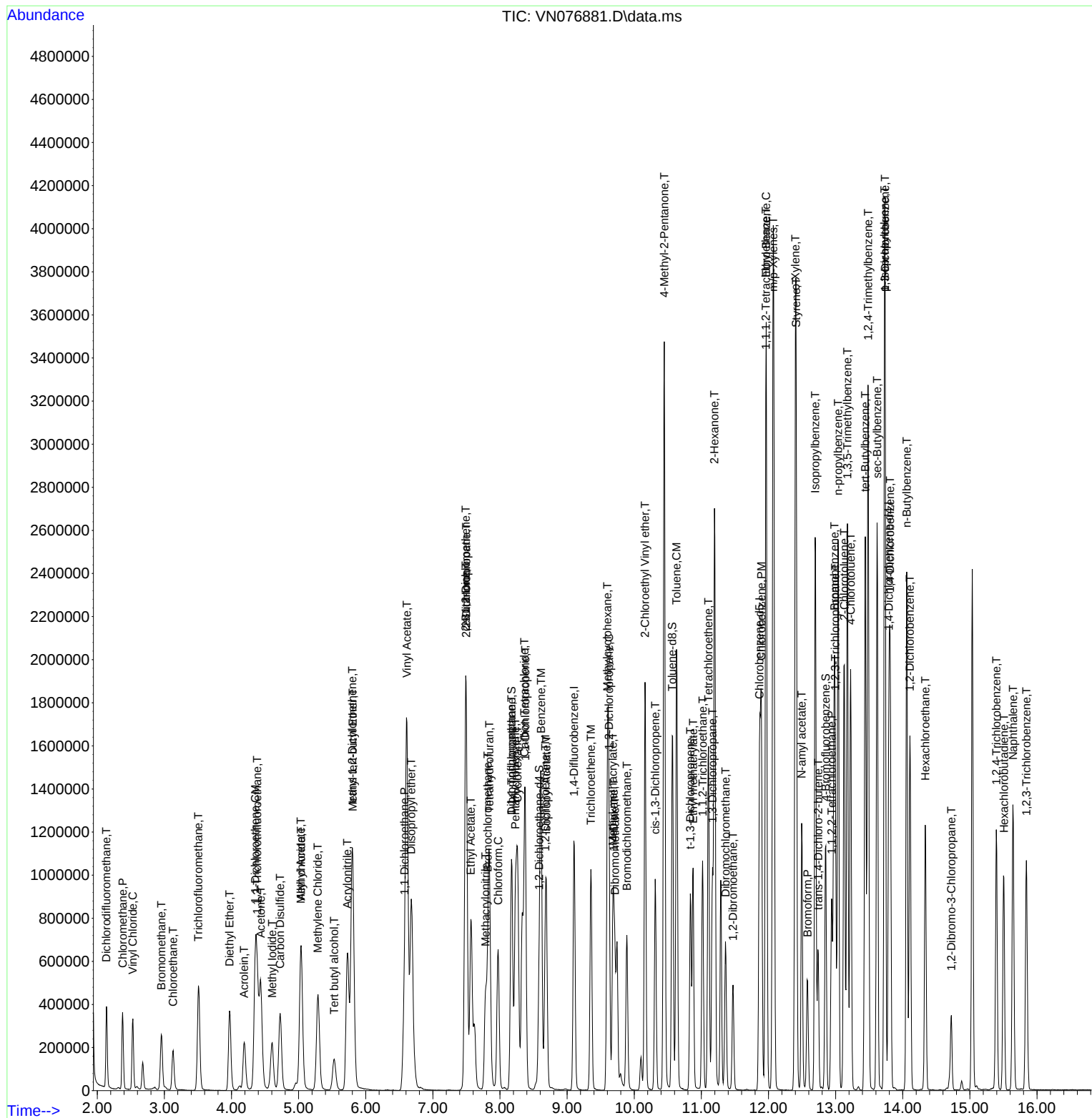
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N030623W.M  
Quant Title : SW846 8260  
QLast Update : Tue Mar 07 08:45:33 2023  
Response via : Initial Calibration

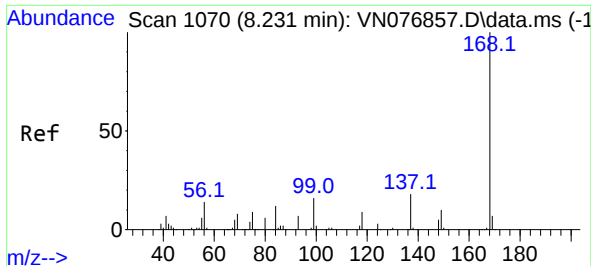
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

**Instrument :**  
MSVOA\_N  
**ClientSampleId :**  
VSTDCCC050EC

Quant Time: Mar 09 03:21:38 2023  
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Quant Title : SW846 8260  
QLast Update : Tue Mar 07 08:45:33 2023  
Response via : Initial Calibration

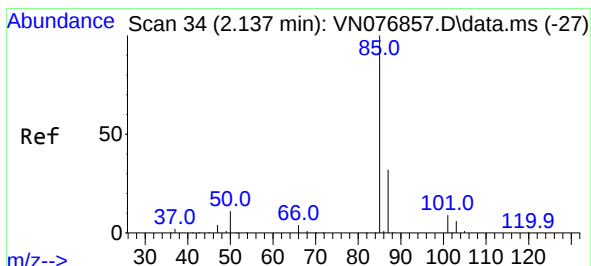
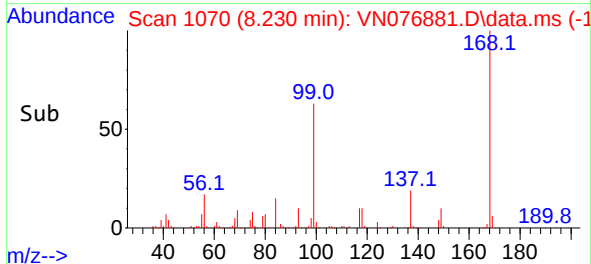
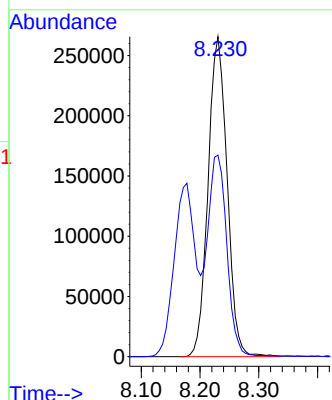
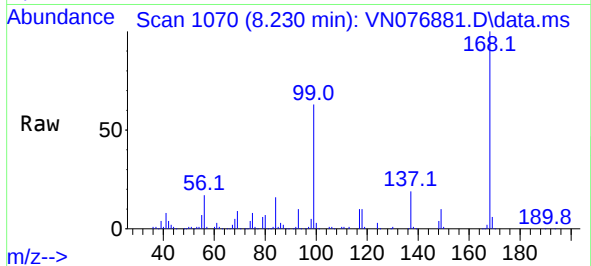




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

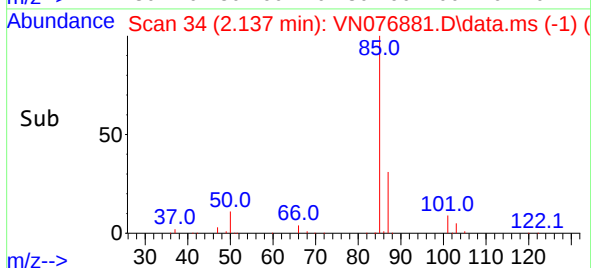
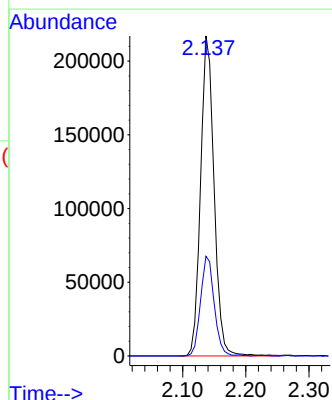
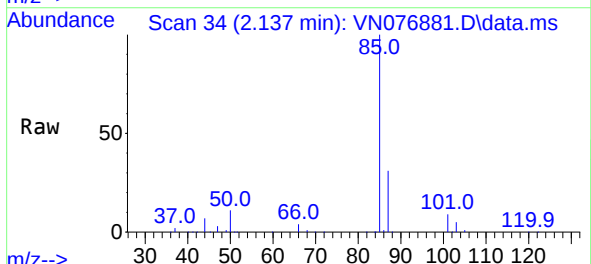
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

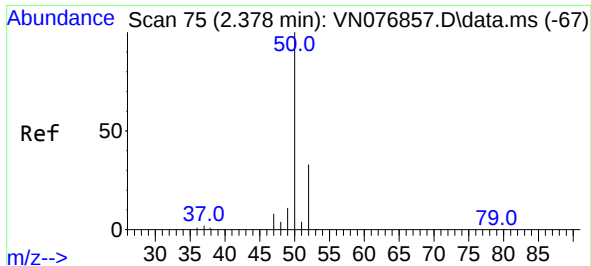
Tgt Ion:168 Resp: 598836  
Ion Ratio Lower Upper  
168 100  
99 62.8 48.6 73.0



#2  
Dichlorodifluoromethane  
Concen: 46.338 ug/l  
RT: 2.137 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 85 Resp: 322886  
Ion Ratio Lower Upper  
85 100  
87 31.1 16.2 48.6

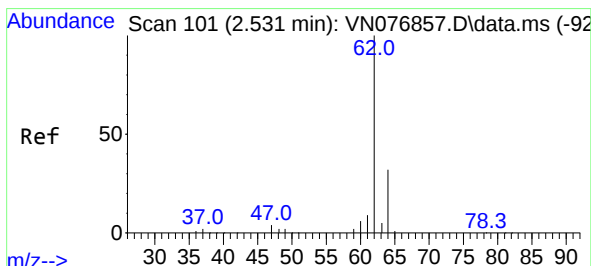
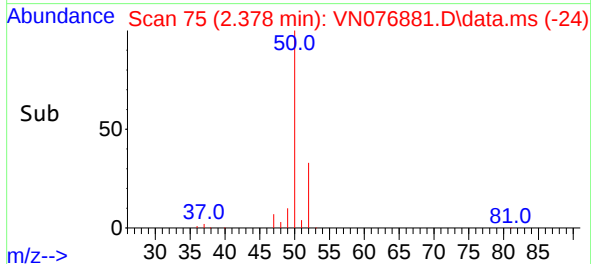
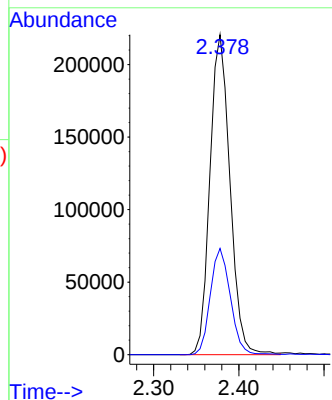
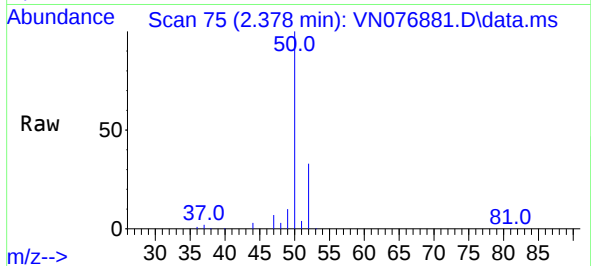




#3  
Chloromethane  
Concen: 39.364 ug/l  
RT: 2.378 min Scan# 75  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

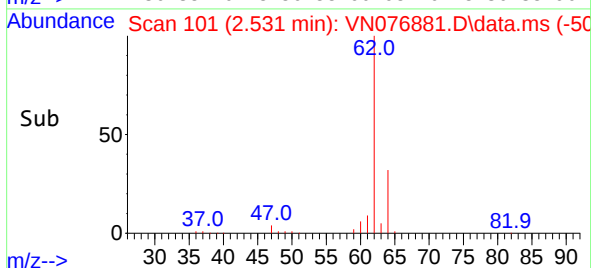
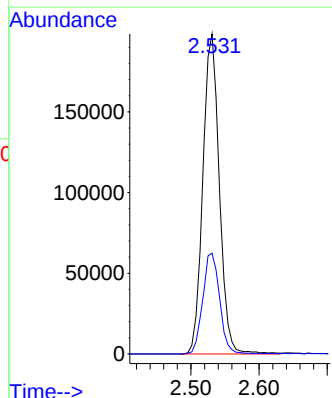
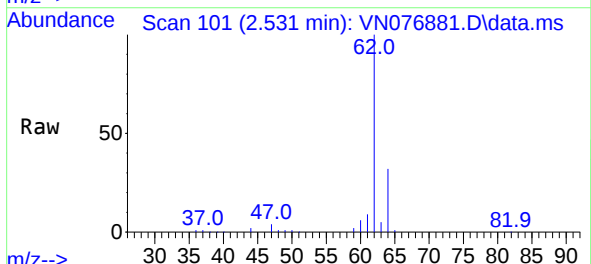
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

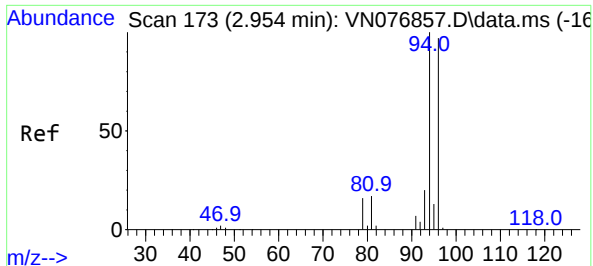
Tgt Ion: 50 Resp: 360768  
Ion Ratio Lower Upper  
50 100  
52 33.2 27.9 41.9



#4  
Vinyl Chloride  
Concen: 39.689 ug/l  
RT: 2.531 min Scan# 101  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 62 Resp: 333404  
Ion Ratio Lower Upper  
62 100  
64 31.5 24.5 36.7

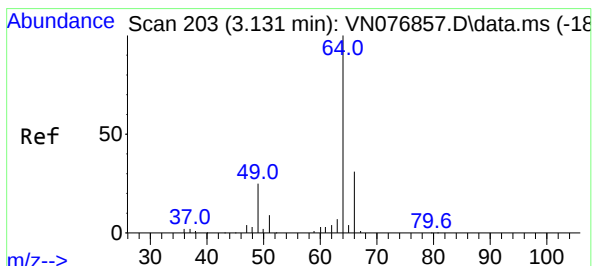
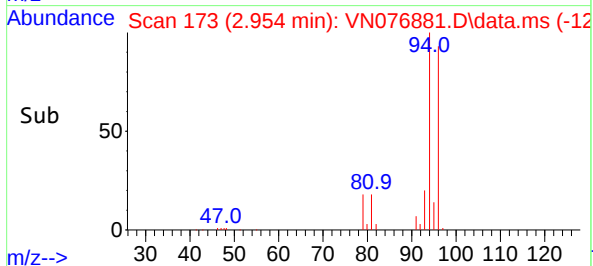
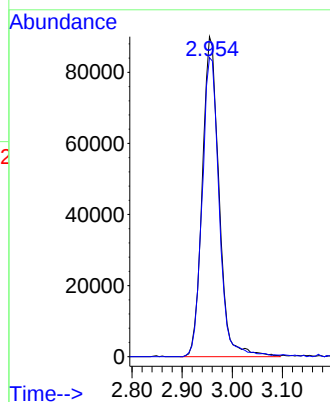
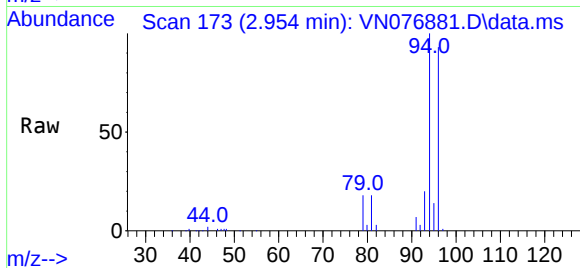




#5  
Bromomethane  
Concen: 37.914 ug/l  
RT: 2.954 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

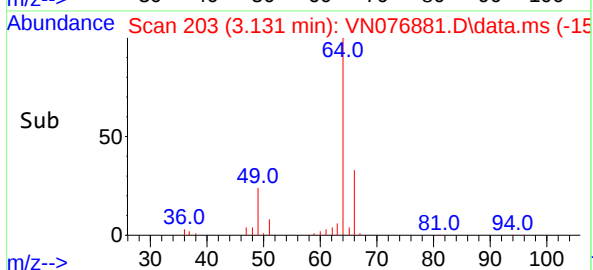
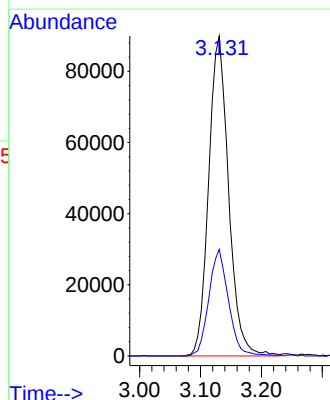
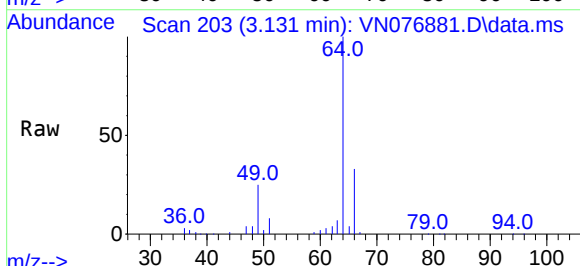
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

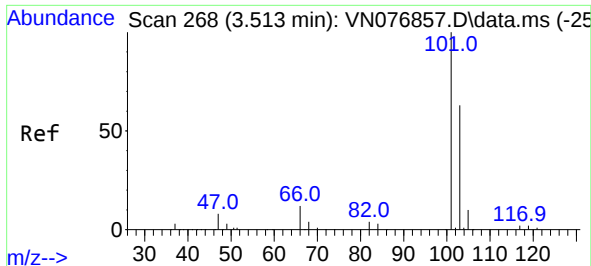
Tgt Ion: 94 Resp: 209282  
Ion Ratio Lower Upper  
94 100  
96 93.4 79.0 118.6



#6  
Chloroethane  
Concen: 41.437 ug/l  
RT: 3.131 min Scan# 203  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 64 Resp: 204720  
Ion Ratio Lower Upper  
64 100  
66 33.3 26.2 39.4

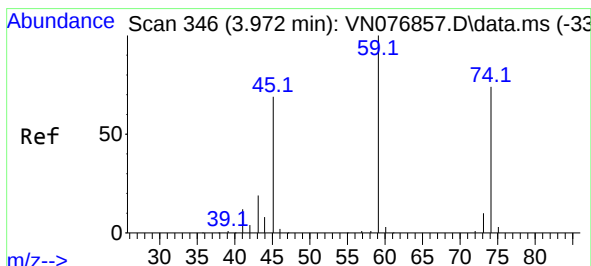
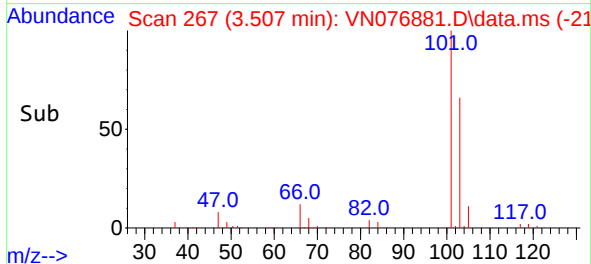
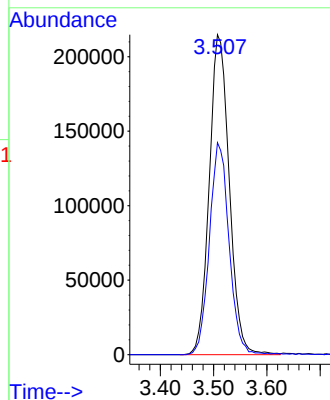
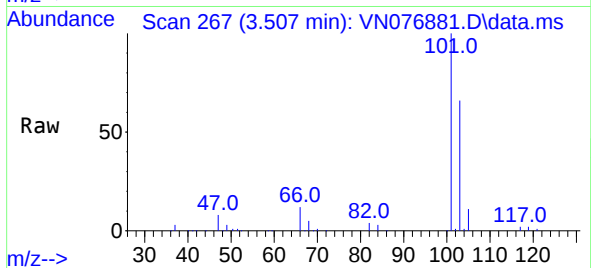




#7  
 Trichlorofluoromethane  
 Concen: 45.717 ug/l  
 RT: 3.507 min Scan# 20  
 Delta R.T. -0.006 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

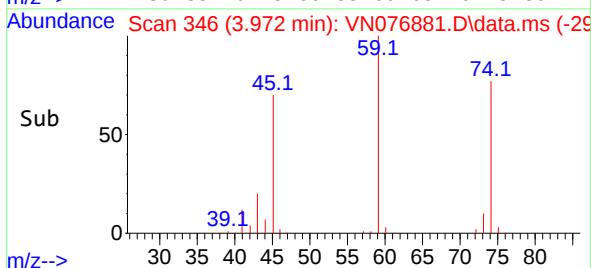
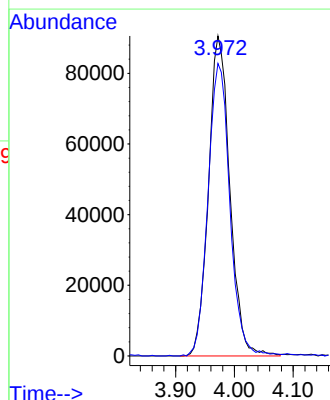
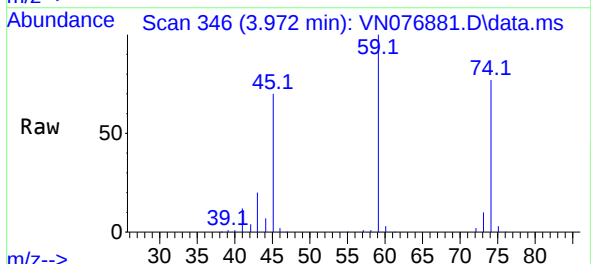
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

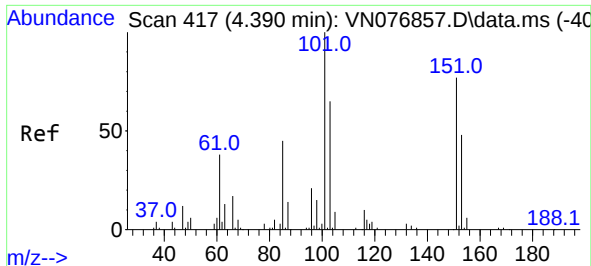
Tgt Ion:101 Resp: 560349  
 Ion Ratio Lower Upper  
 101 100  
 103 66.3 53.4 80.0



#8  
 Diethyl Ether  
 Concen: 48.548 ug/l  
 RT: 3.972 min Scan# 346  
 Delta R.T. -0.000 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

Tgt Ion: 74 Resp: 228900  
 Ion Ratio Lower Upper  
 74 100  
 45 93.6 35.5 106.5

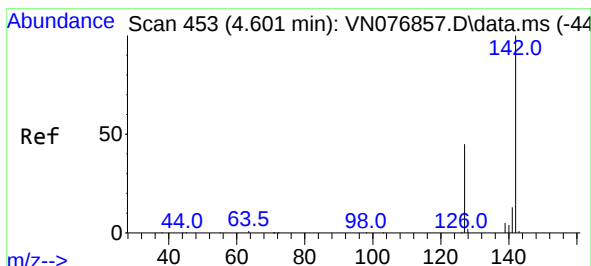
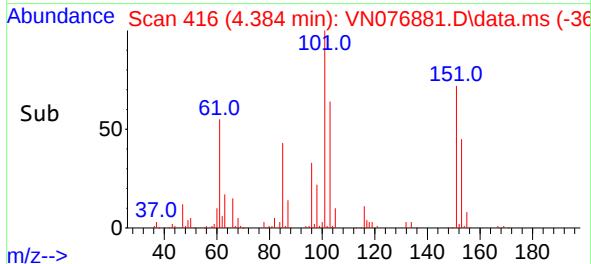
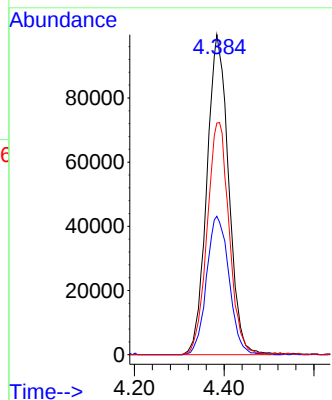
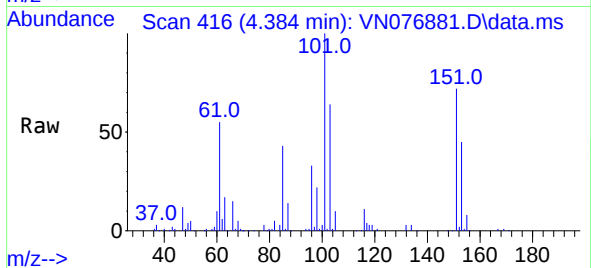




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.868 ug/l  
RT: 4.384 min Scan# 417  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

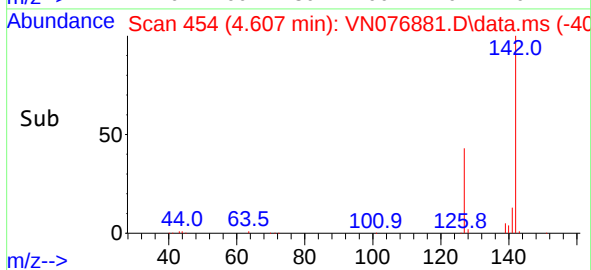
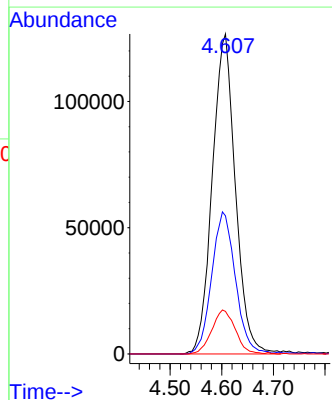
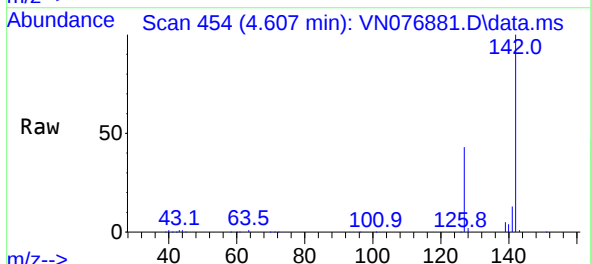
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

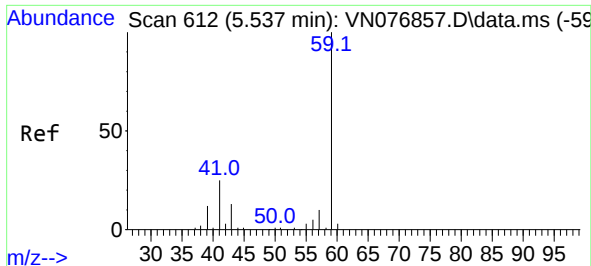
Tgt Ion:101 Resp: 335884  
Ion Ratio Lower Upper  
101 100  
85 44.6 35.2 52.8  
151 73.4 58.9 88.3



#10  
Methyl Iodide  
Concen: 52.618 ug/l  
RT: 4.607 min Scan# 454  
Delta R.T. 0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:142 Resp: 393302  
Ion Ratio Lower Upper  
142 100  
127 43.2 35.2 52.8  
141 13.3 10.2 15.2

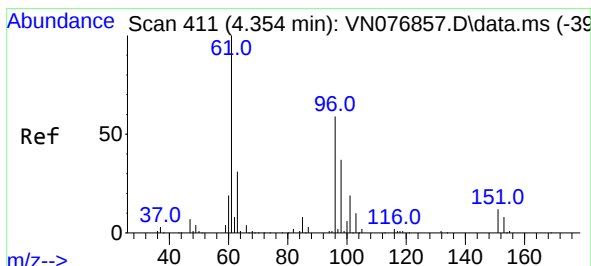
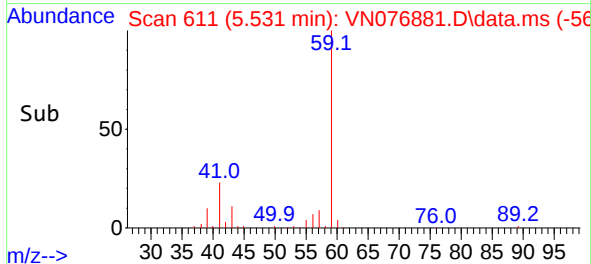
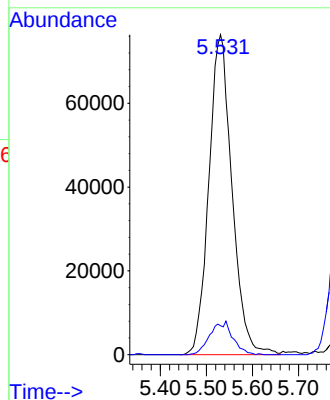
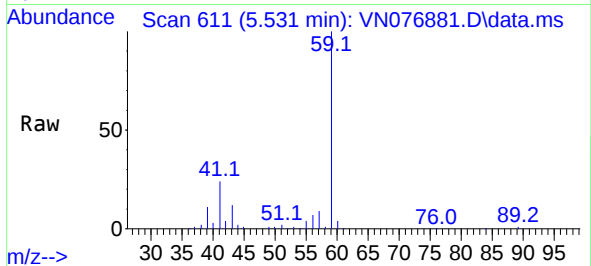




#11  
Tert butyl alcohol  
Concen: 213.901 ug/l  
RT: 5.531 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

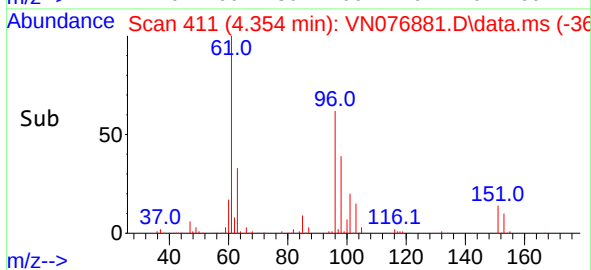
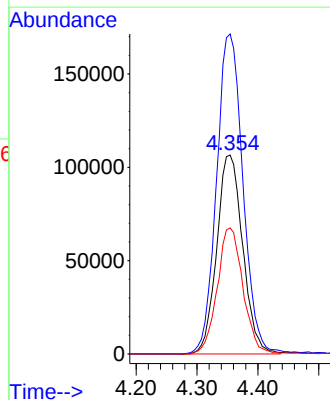
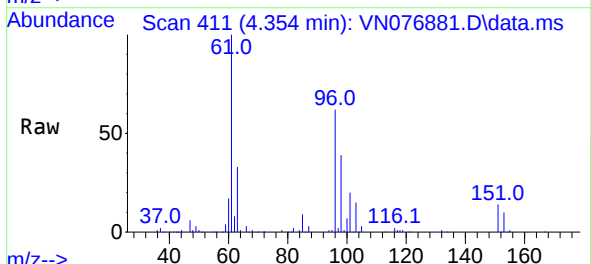
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

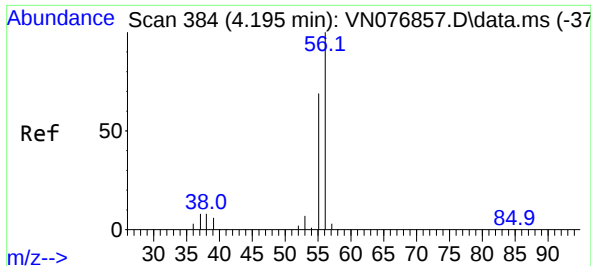
Tgt Ion: 59 Resp: 266681  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 47.254 ug/l  
RT: 4.354 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 96 Resp: 315785  
Ion Ratio Lower Upper  
96 100  
61 160.9 121.3 181.9  
98 63.4 52.1 78.1





#13

Acrolein

Concen: 187.645 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.005 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

Instrument :

MSVOA\_N

ClientSampleId :

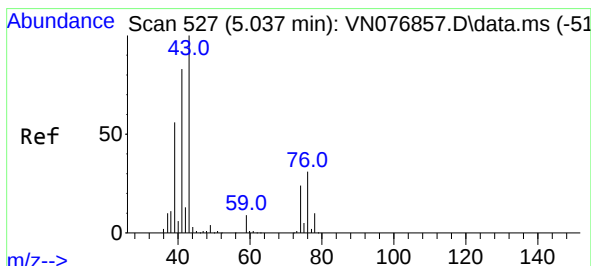
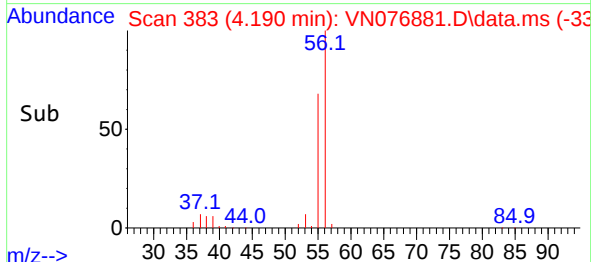
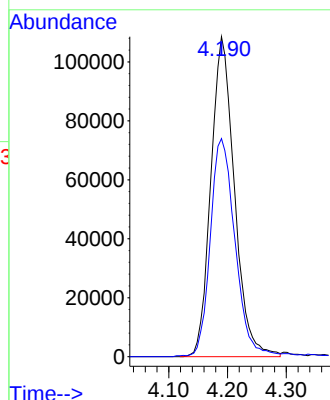
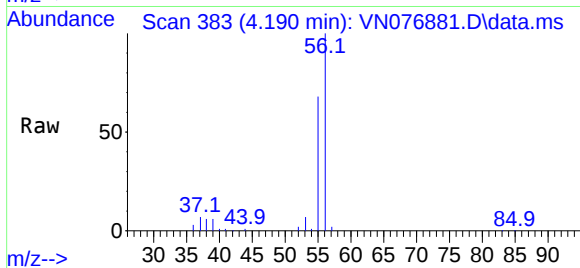
VSTDCCC050EC

Tgt Ion: 56 Resp: 302646

Ion Ratio Lower Upper

56 100

55 71.4 56.7 85.1



#14

Allyl chloride

Concen: 45.264 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

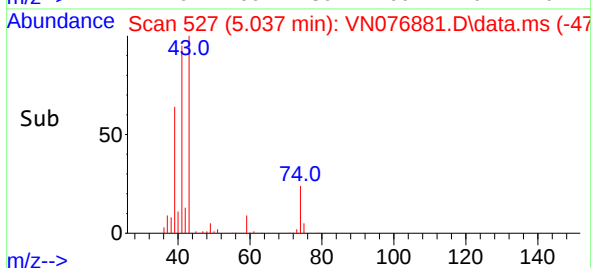
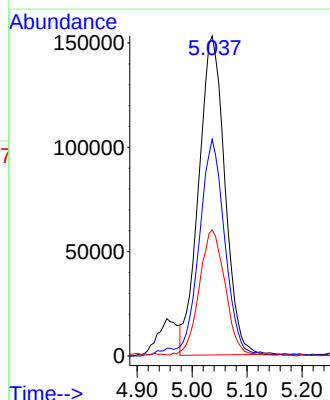
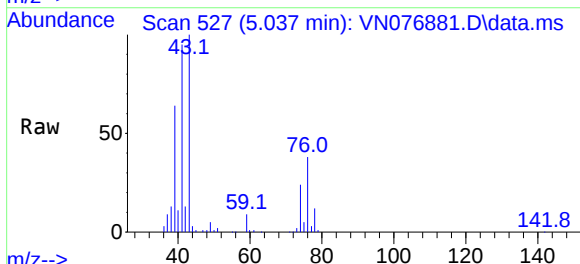
Tgt Ion: 41 Resp: 505003

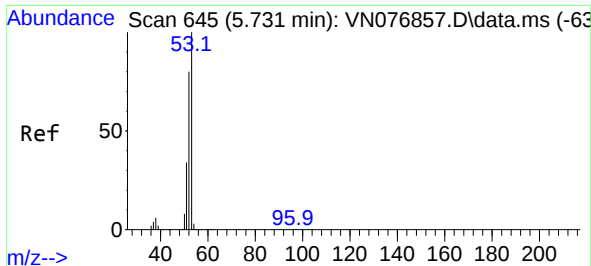
Ion Ratio Lower Upper

41 100

39 65.7 68.1 102.1#

76 38.6 44.1 66.1#

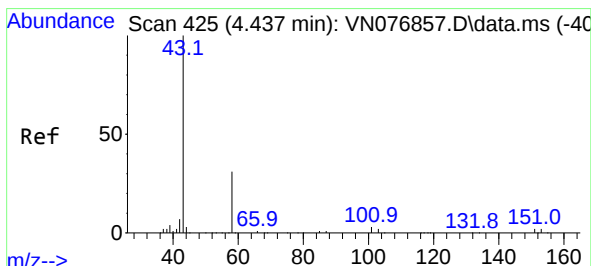
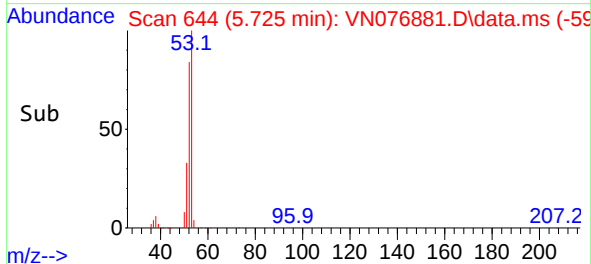
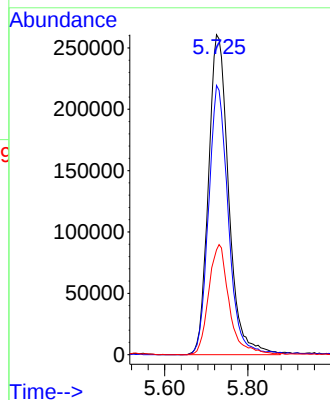
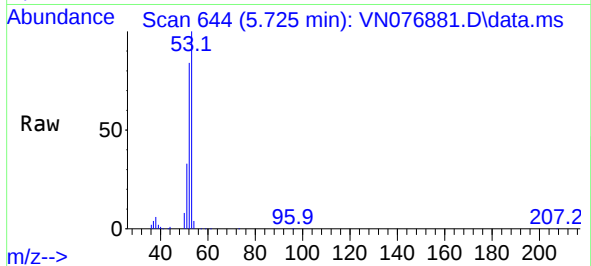




#15  
Acrylonitrile  
Concen: 219.802 ug/l  
RT: 5.725 min Scan# 645  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

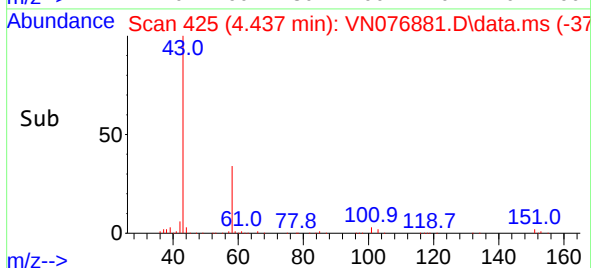
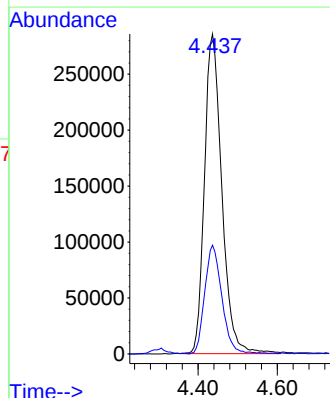
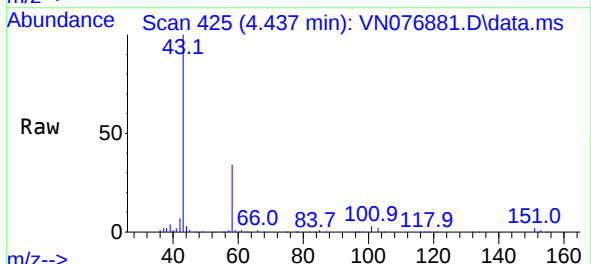
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

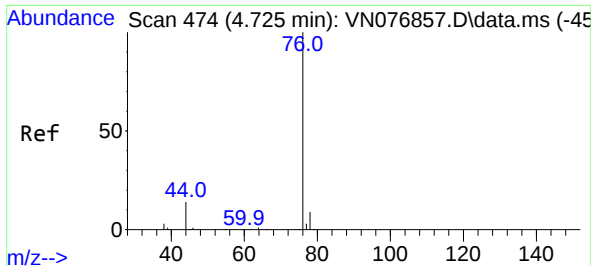
Tgt Ion: 53 Resp: 881301  
Ion Ratio Lower Upper  
53 100  
52 81.4 65.3 97.9  
51 34.9 28.8 43.2



#16  
Acetone  
Concen: 237.303 ug/l  
RT: 4.437 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 43 Resp: 869675  
Ion Ratio Lower Upper  
43 100  
58 33.9 28.2 42.2

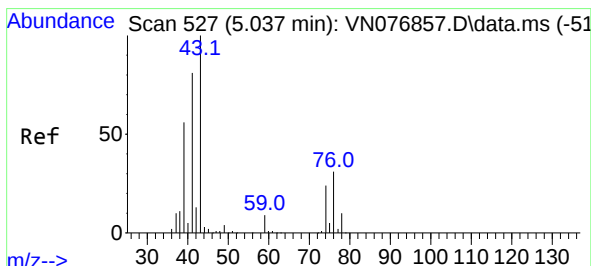
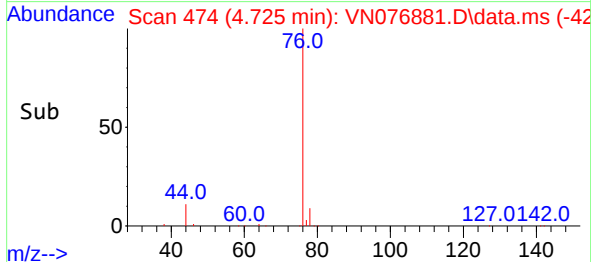
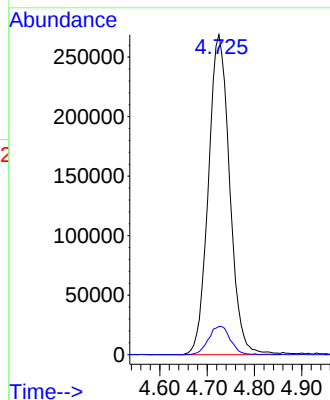
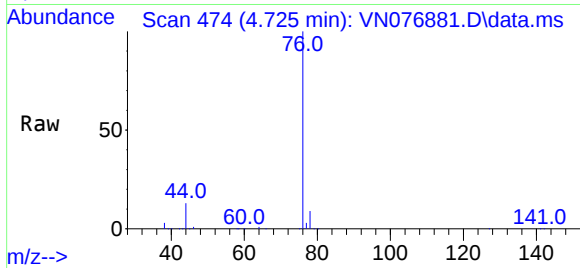




#17  
Carbon Disulfide  
Concen: 46.246 ug/l  
RT: 4.725 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

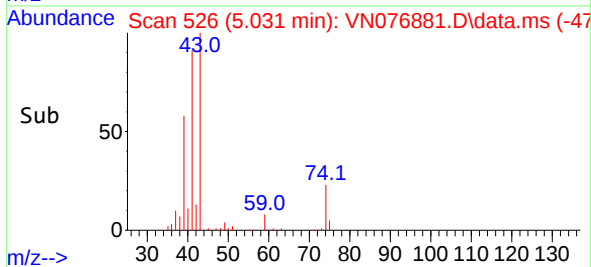
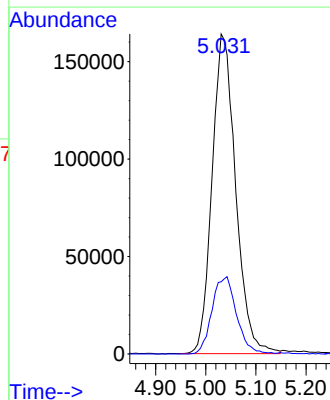
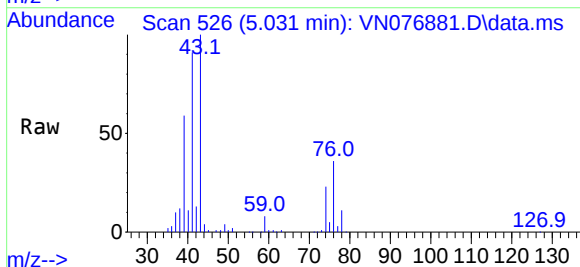
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

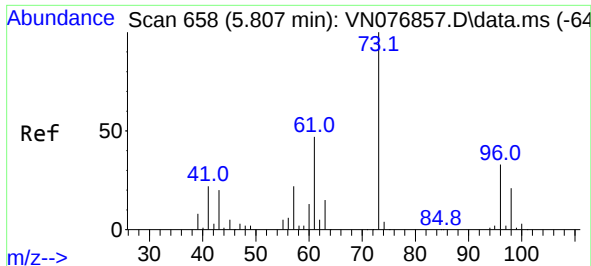
Tgt Ion: 76 Resp: 839009  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.8 11.8



#18  
Methyl Acetate  
Concen: 42.692 ug/l  
RT: 5.031 min Scan# 526  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 43 Resp: 536127  
Ion Ratio Lower Upper  
43 100  
74 25.1 25.9 38.9#

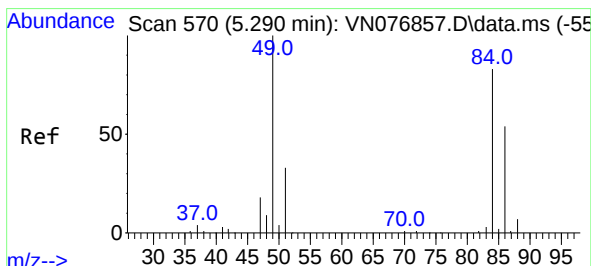
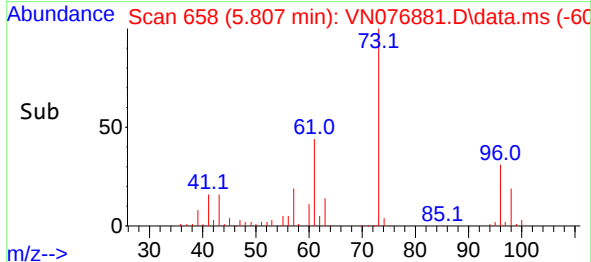
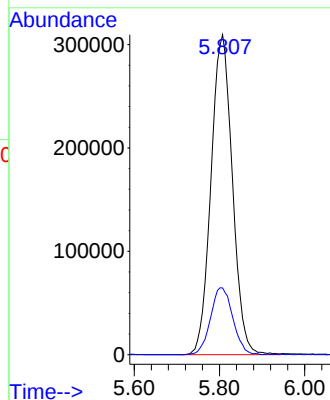
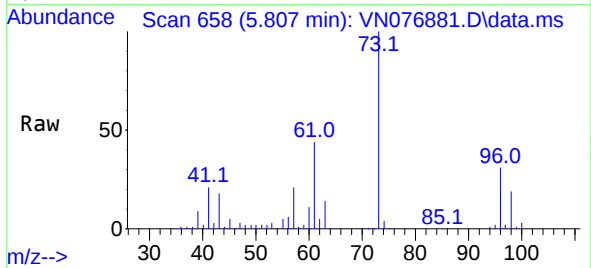




#19  
Methyl tert-butyl Ether  
Concen: 47.141 ug/l  
RT: 5.807 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

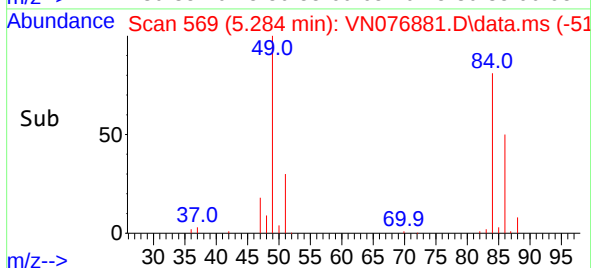
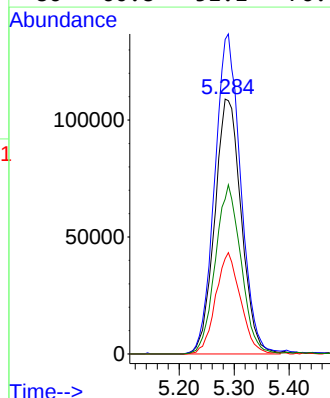
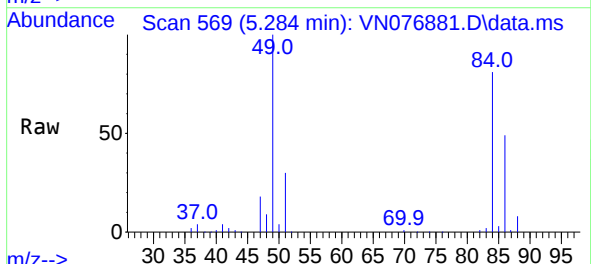
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

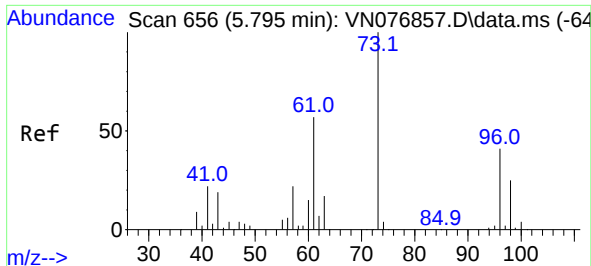
Tgt Ion: 73 Resp: 1080258  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.1 24.1



#20  
Methylene Chloride  
Concen: 42.757 ug/l  
RT: 5.284 min Scan# 569  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 84 Resp: 365600  
Ion Ratio Lower Upper  
84 100  
49 123.4 76.6 114.8#  
51 37.4 25.4 38.2  
86 60.8 51.1 76.7

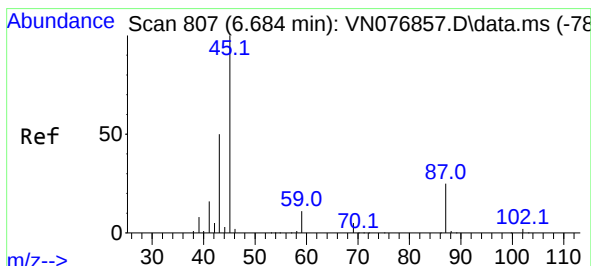
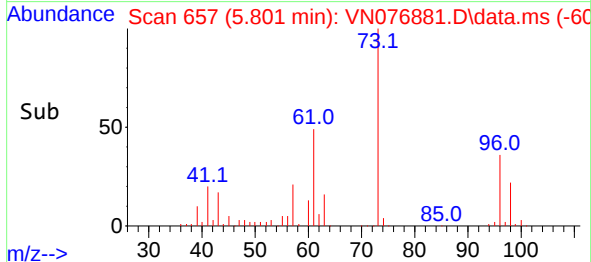
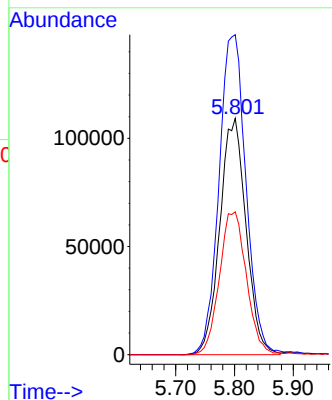
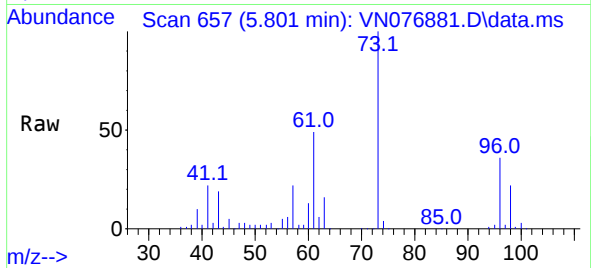




#21  
trans-1,2-Dichloroethene  
Concen: 46.841 ug/l  
RT: 5.801 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

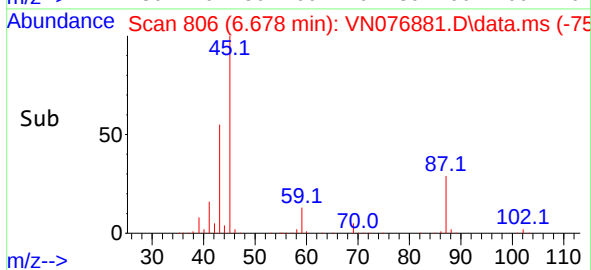
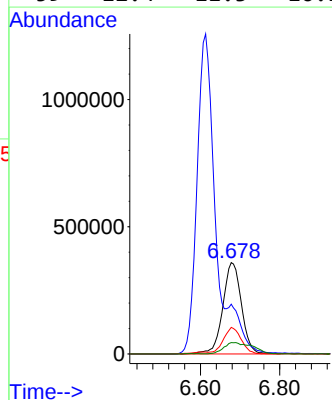
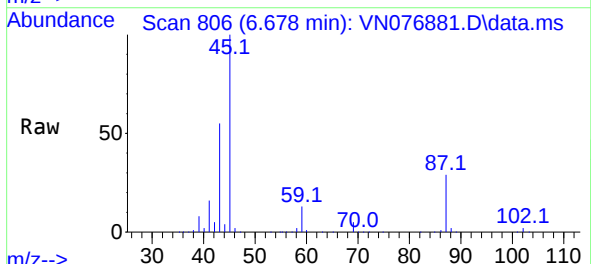
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

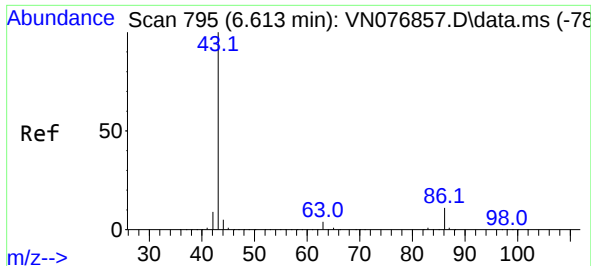
Tgt Ion: 96 Resp: 338453  
Ion Ratio Lower Upper  
96 100  
61 135.4 95.0 142.6  
98 60.5 54.5 81.7



#22  
Diisopropyl ether  
Concen: 46.750 ug/l  
RT: 6.678 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 45 Resp: 1173451  
Ion Ratio Lower Upper  
45 100  
43 53.5 42.6 63.8  
87 28.8 29.7 44.5#  
59 12.4 11.3 16.9

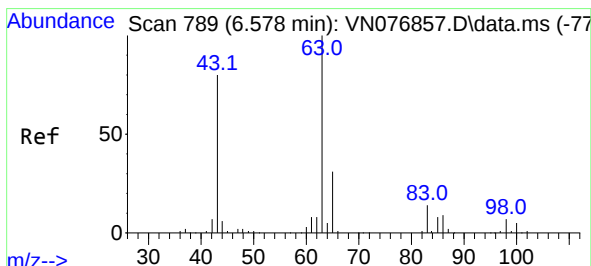
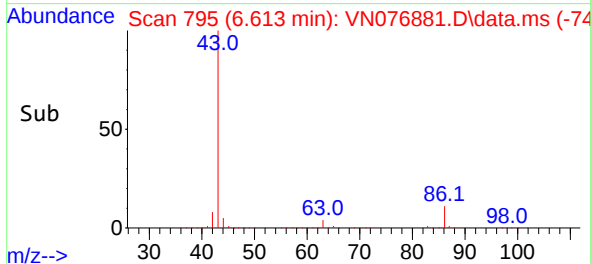
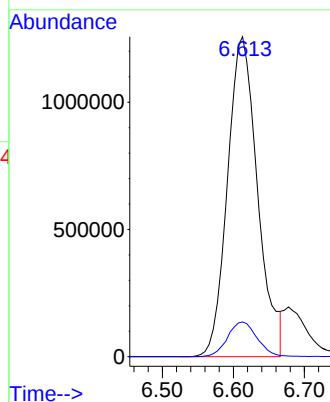
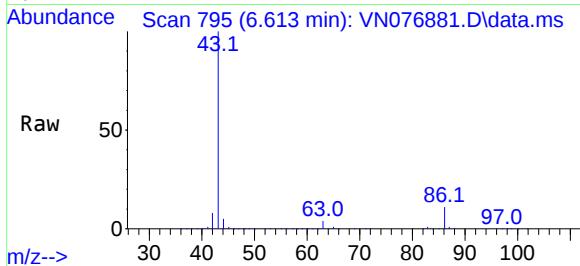




#23  
 Vinyl Acetate  
 Concen: 231.763 ug/l  
 RT: 6.613 min Scan# 795  
 Delta R.T. -0.000 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

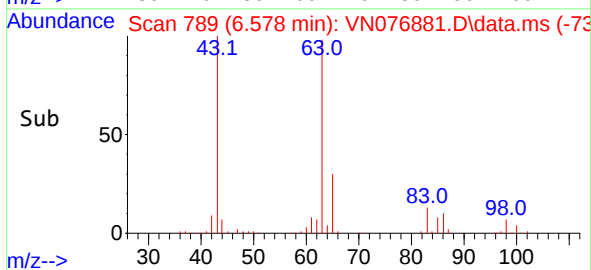
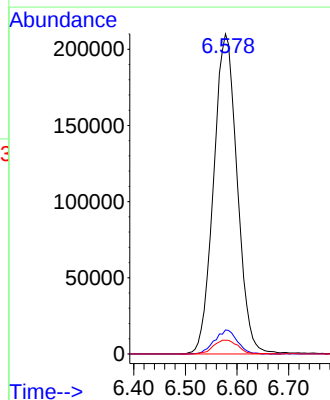
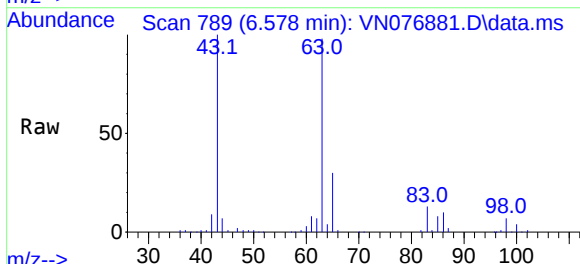
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

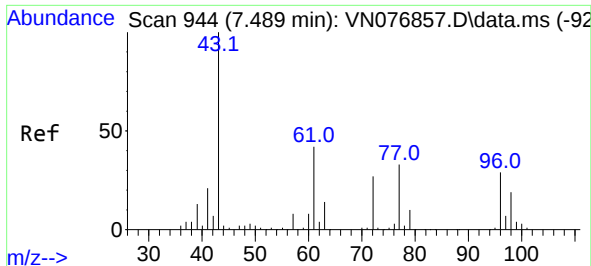
Tgt Ion: 43 Resp: 3705488  
 Ion Ratio Lower Upper  
 43 100  
 86 10.9 11.8 17.6#



#24  
 1,1-Dichloroethane  
 Concen: 46.464 ug/l  
 RT: 6.578 min Scan# 789  
 Delta R.T. -0.000 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

Tgt Ion: 63 Resp: 665053  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 4.2 12.6  
 100 4.3 2.2 6.6

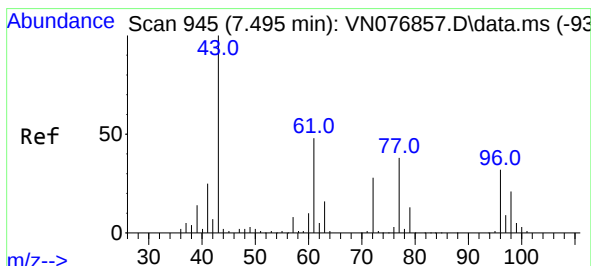
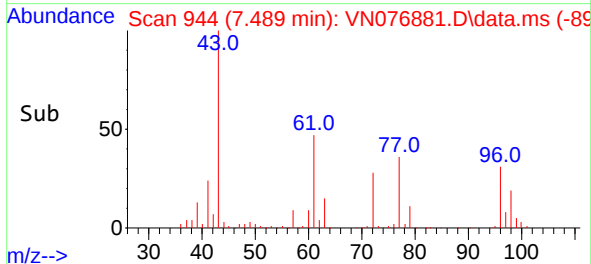
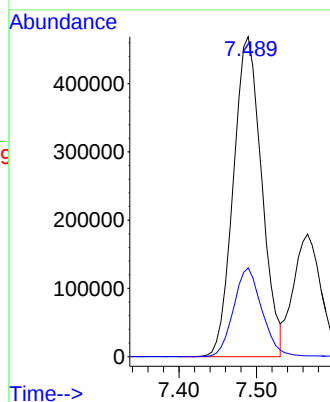
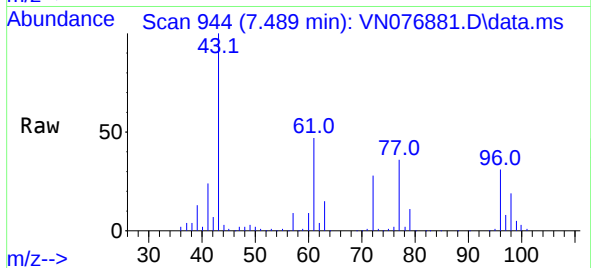




#25  
2-Butanone  
Concen: 222.639 ug/l  
RT: 7.489 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

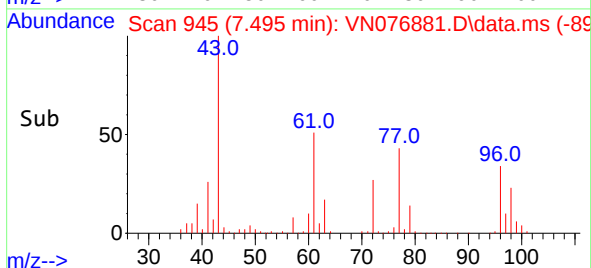
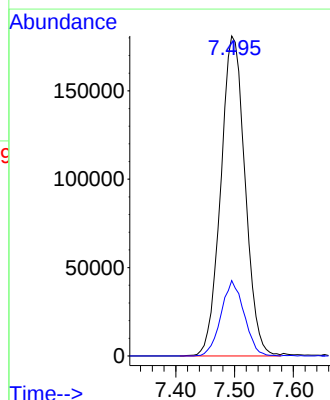
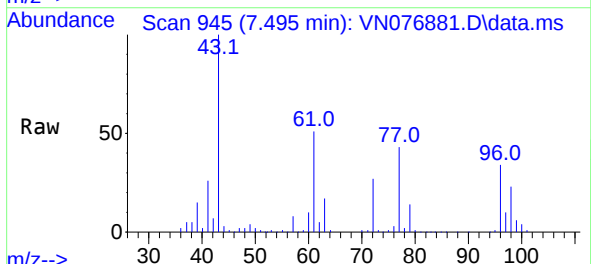
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

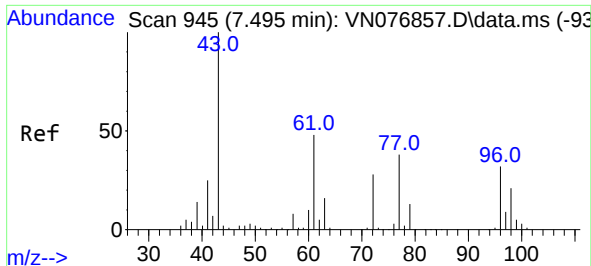
Tgt Ion: 43 Resp: 1191900  
Ion Ratio Lower Upper  
43 100  
72 27.8 28.8 43.2#



#26  
2,2-Dichloropropane  
Concen: 49.615 ug/l  
RT: 7.495 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 77 Resp: 520067  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.5 34.5



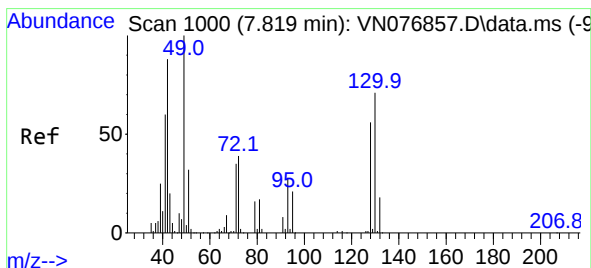
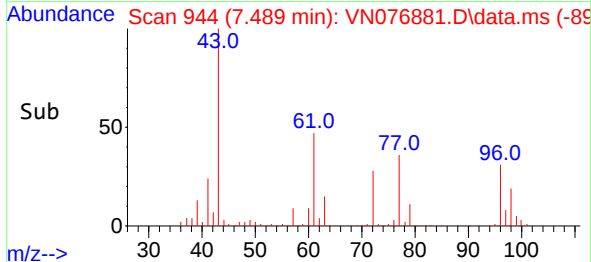
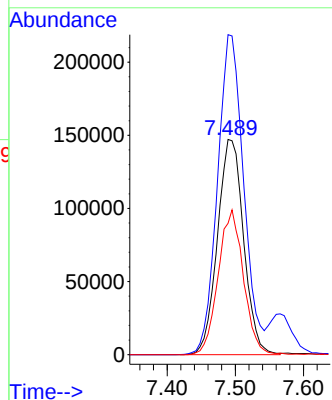
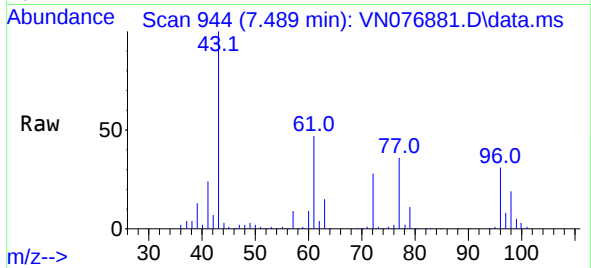


#27  
 cis-1,2-Dichloroethene  
 Concen: 46.432 ug/l  
 RT: 7.489 min Scan# 945  
 Delta R.T. -0.006 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 96 Resp: 393026  

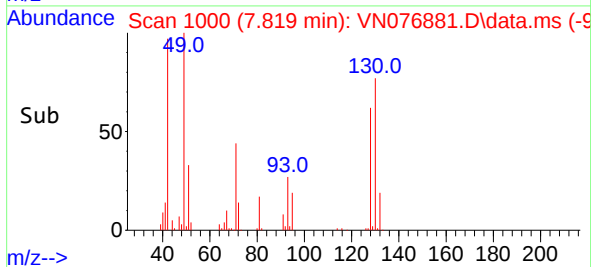
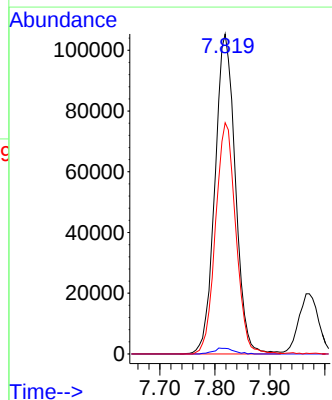
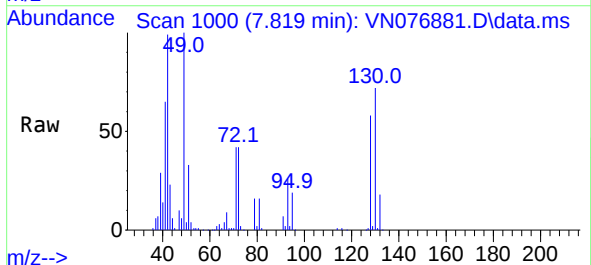
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 148.8 | 0.0   | 255.6 |
| 98  | 64.8  | 0.0   | 127.4 |

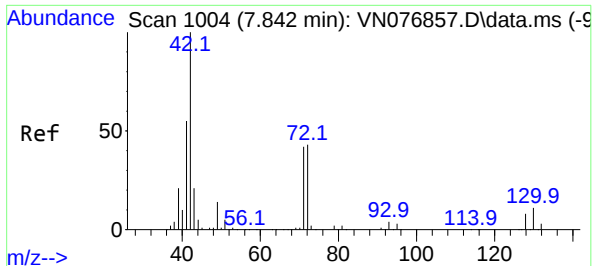


#28  
 Bromochloromethane  
 Concen: 44.910 ug/l  
 RT: 7.819 min Scan# 1000  
 Delta R.T. -0.000 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

Tgt Ion: 49 Resp: 271826  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.8   | 0.0   | 4.6   |
| 130 | 71.7  | 74.8  | 112.2 |

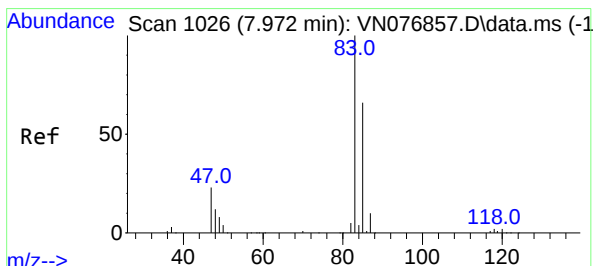
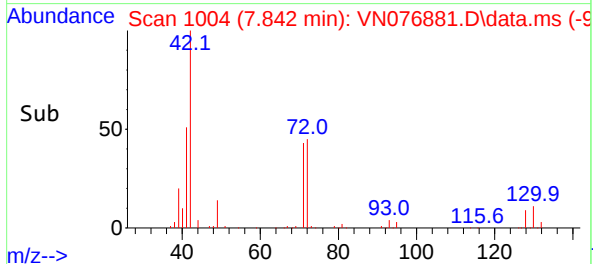
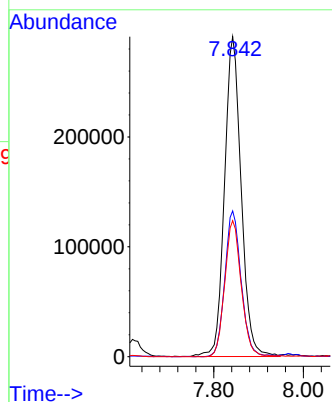
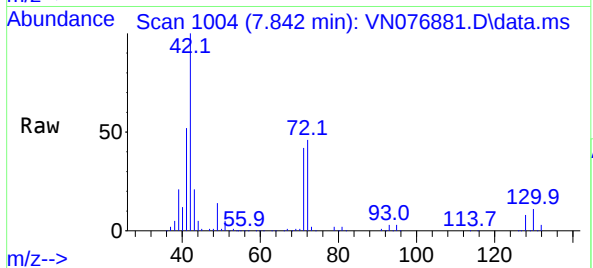




#29  
Tetrahydrofuran  
Concen: 217.721 ug/l  
RT: 7.842 min Scan# 1004  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

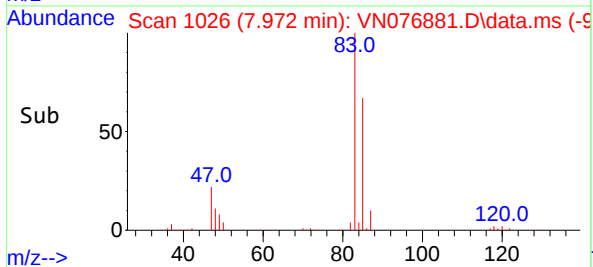
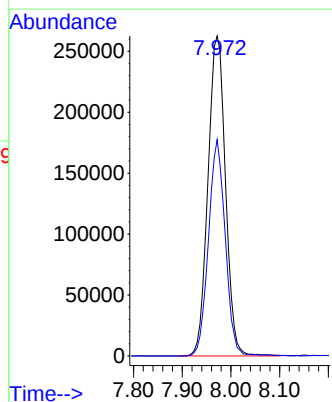
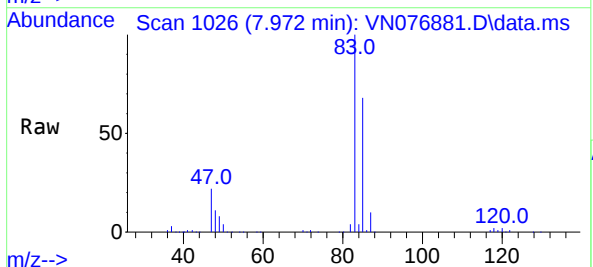
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

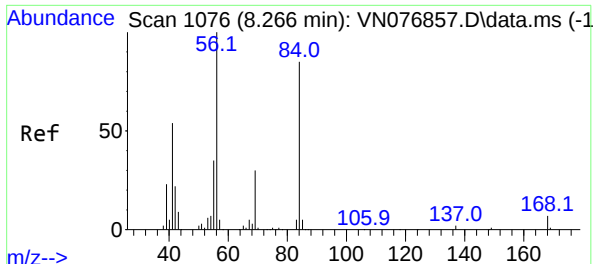
Tgt Ion: 42 Resp: 751909  
Ion Ratio Lower Upper  
42 100  
72 44.6 48.6 73.0#  
71 42.0 45.1 67.7#



#30  
Chloroform  
Concen: 46.129 ug/l  
RT: 7.972 min Scan# 1026  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 83 Resp: 655772  
Ion Ratio Lower Upper  
83 100  
85 67.6 51.3 76.9





#31

Cyclohexane

Concen: 43.487 ug/l

RT: 8.260 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

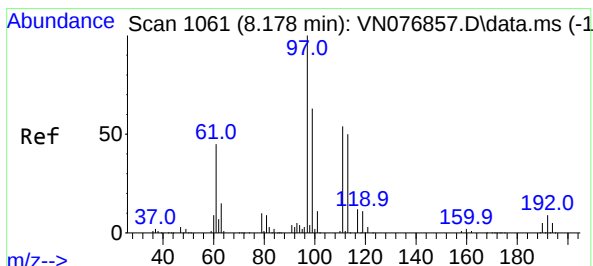
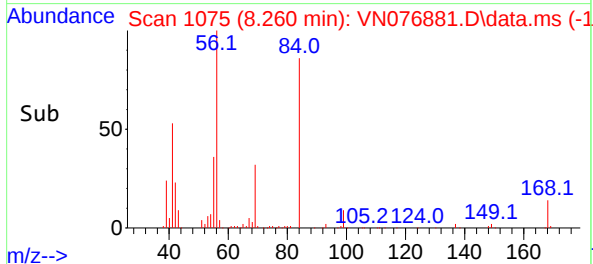
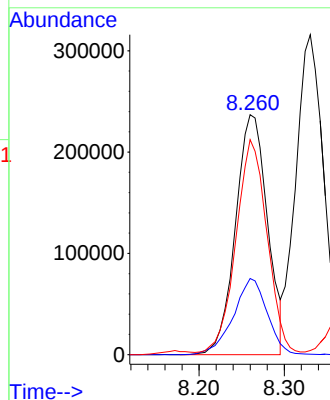
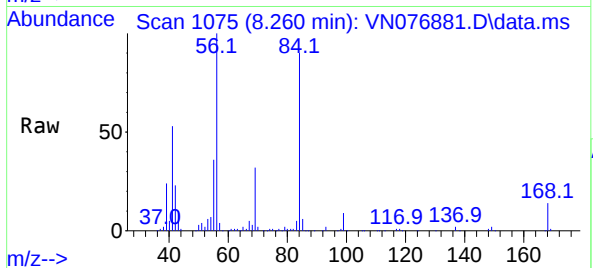
Tgt Ion: 56 Resp: 616771

Ion Ratio Lower Upper

56 100

69 31.7 27.0 40.6

84 88.4 82.9 124.3



#32

1,1,1-Trichloroethane

Concen: 46.199 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

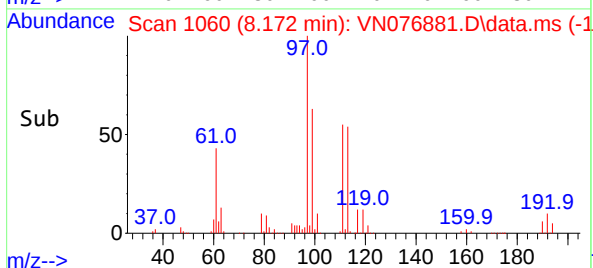
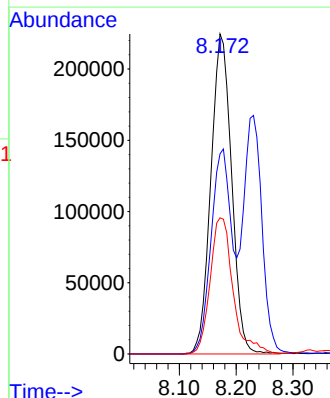
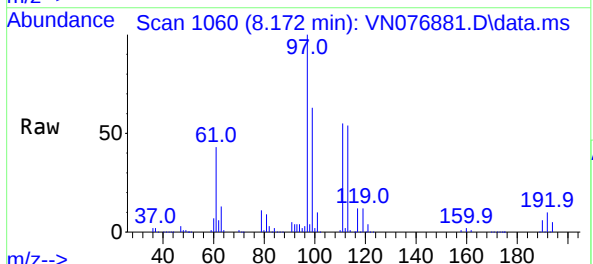
Tgt Ion: 97 Resp: 568732

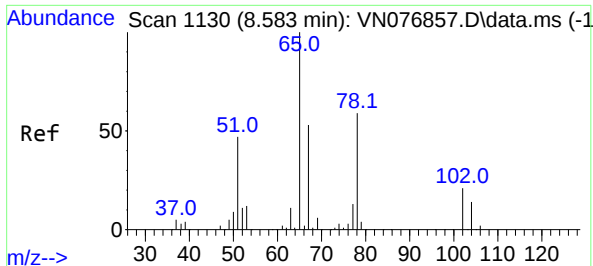
Ion Ratio Lower Upper

97 100

99 64.0 51.2 76.8

61 47.0 35.7 53.5

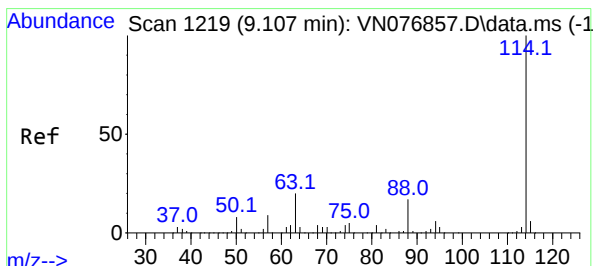
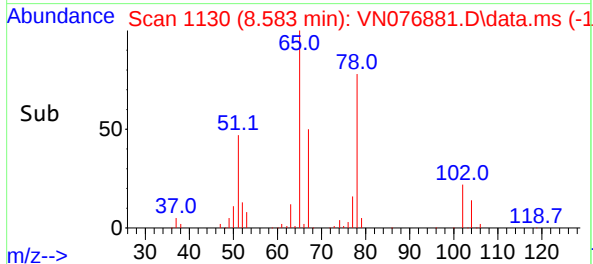
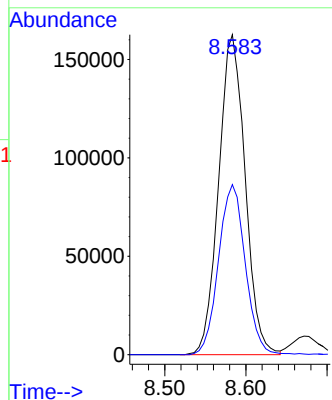
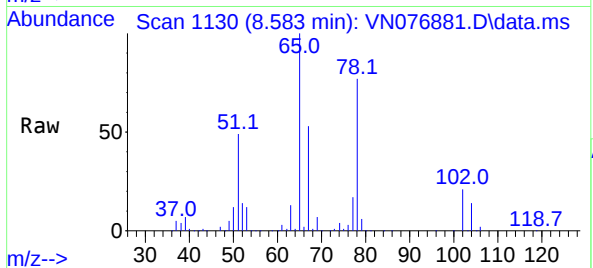




#33  
1,2-Dichloroethane-d4  
Concen: 43.840 ug/l  
RT: 8.583 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

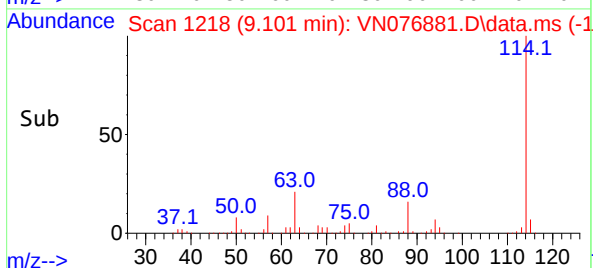
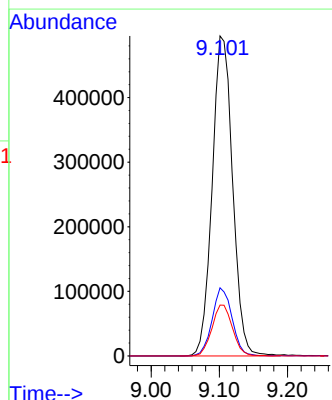
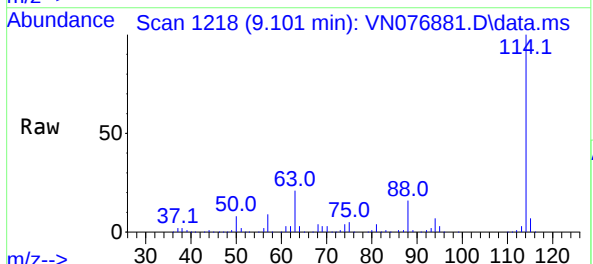
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

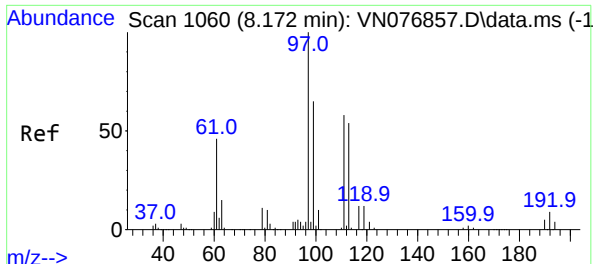
Tgt Ion: 65 Resp: 368074  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 107.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.101 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 114 Resp: 1034155  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 36.6  
88 15.9 0.0 28.6

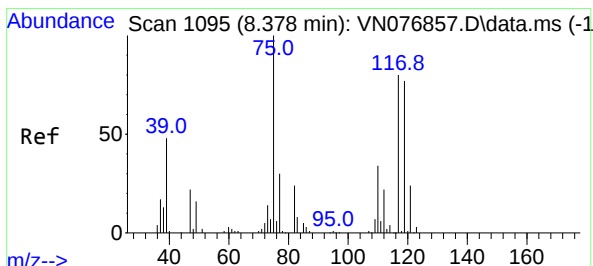
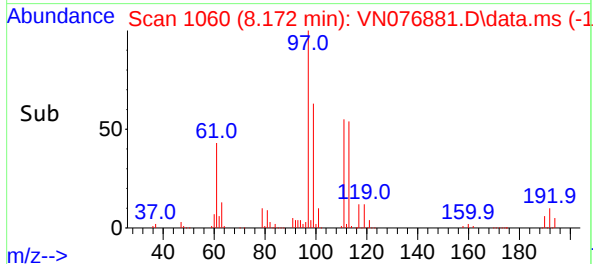
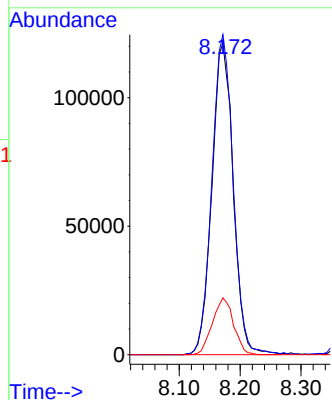
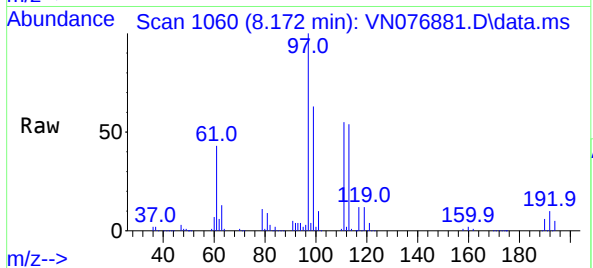




#35  
Dibromofluoromethane  
Concen: 45.407 ug/l  
RT: 8.172 min Scan# 1060  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

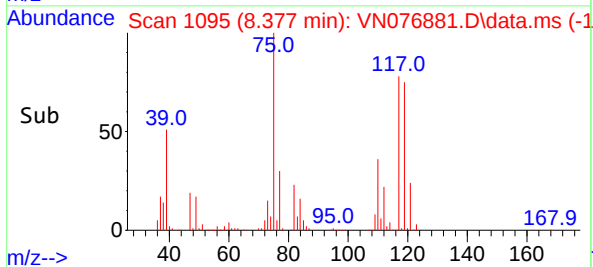
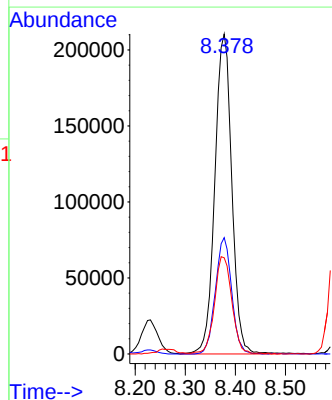
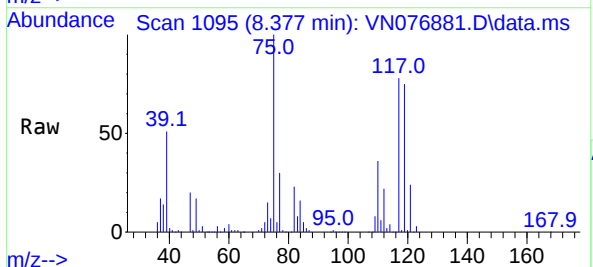
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

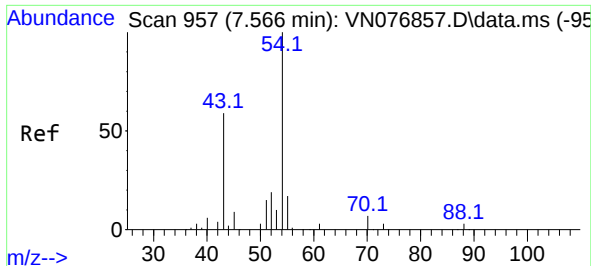
Tgt Ion:113 Resp: 293757  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.8 122.8  
192 18.1 13.9 20.9



#36  
1,1-Dichloropropene  
Concen: 47.550 ug/l  
RT: 8.377 min Scan# 1095  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 75 Resp: 494419  
Ion Ratio Lower Upper  
75 100  
110 34.9 18.9 56.9  
77 30.9 24.9 37.3

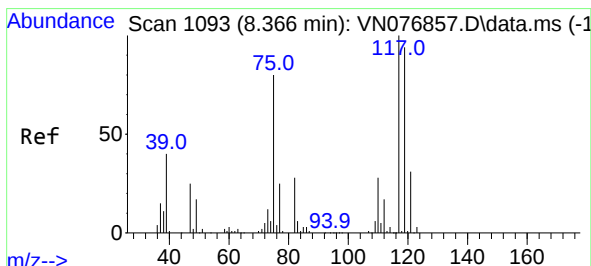
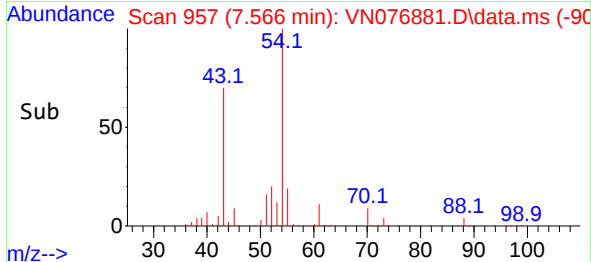
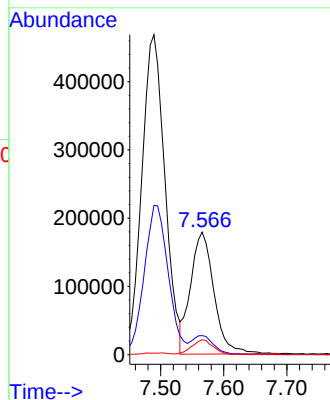
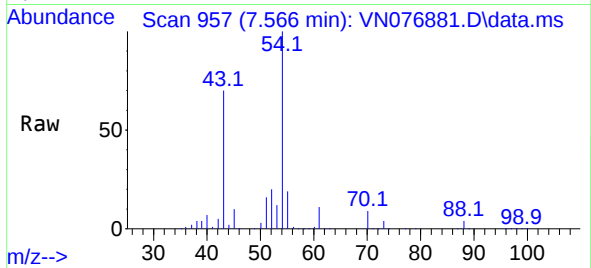




#37  
Ethyl Acetate  
Concen: 43.203 ug/l  
RT: 7.566 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

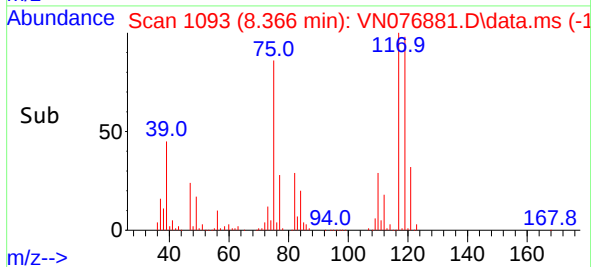
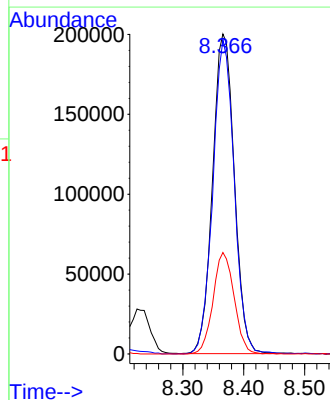
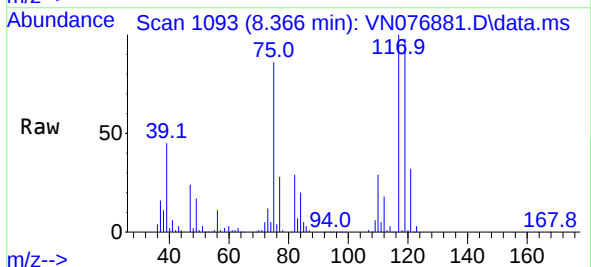
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

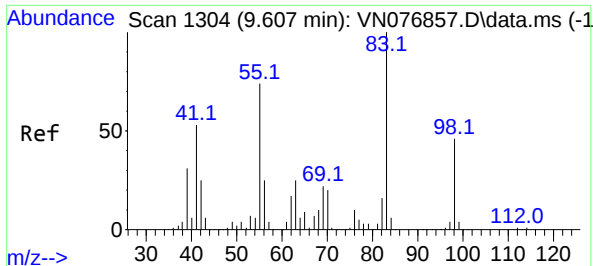
Tgt Ion: 43 Resp: 461097  
Ion Ratio Lower Upper  
43 100  
61 14.0 13.5 20.3  
70 11.2 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 47.036 ug/l  
RT: 8.366 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 117 Resp: 496839  
Ion Ratio Lower Upper  
117 100  
119 98.0 76.9 115.3  
121 31.7 23.2 34.8

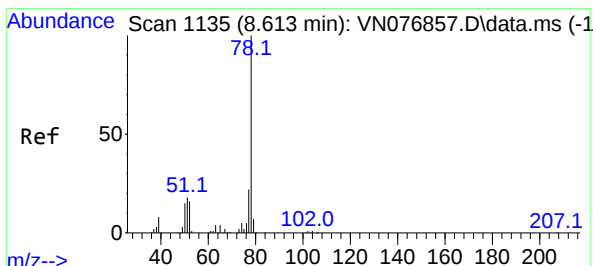
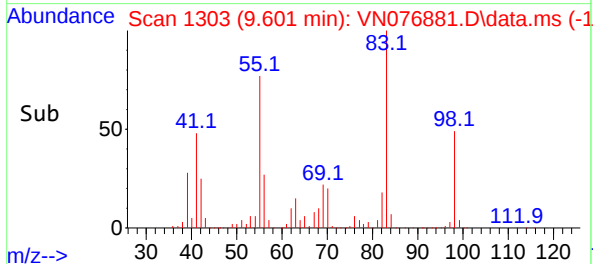
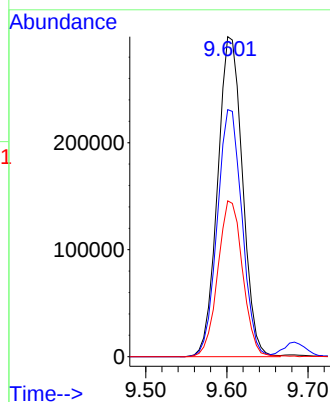
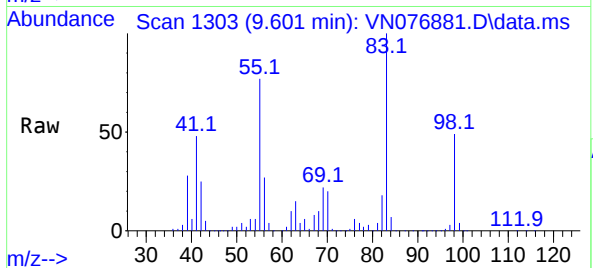




#39  
Methylcyclohexane  
Concen: 49.709 ug/l  
RT: 9.601 min Scan# 1135  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

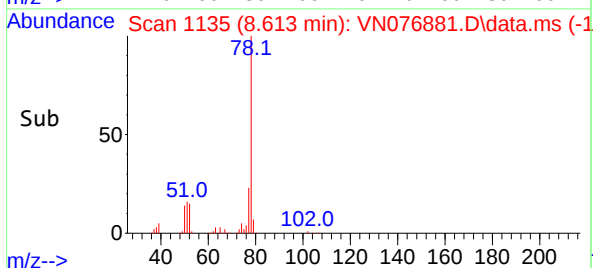
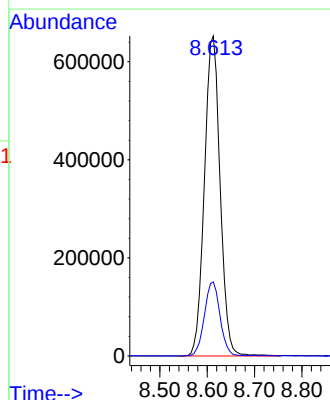
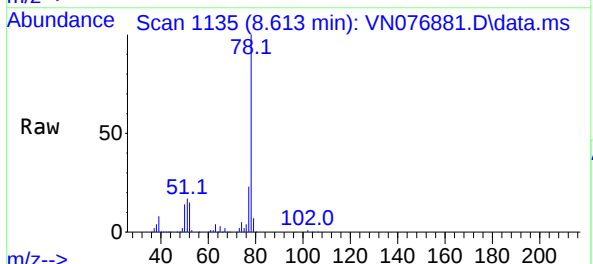
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

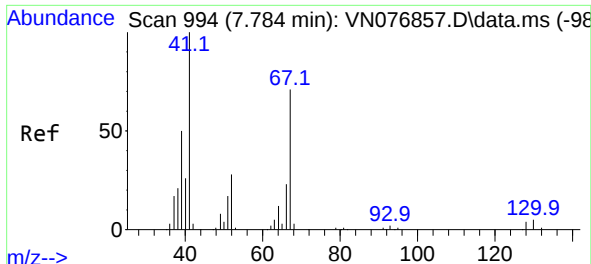
Tgt Ion: 83 Resp: 637102  
Ion Ratio Lower Upper  
83 100  
55 77.2 47.0 70.4#  
98 48.7 39.4 59.0



#40  
Benzene  
Concen: 47.395 ug/l  
RT: 8.613 min Scan# 1135  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 78 Resp: 1501186  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.3 28.9

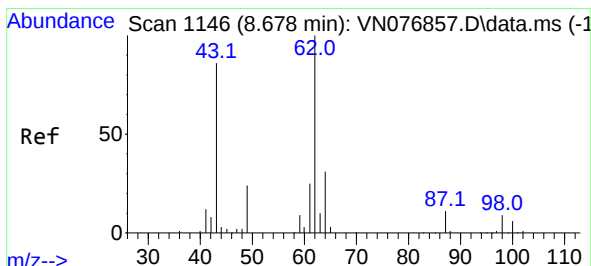
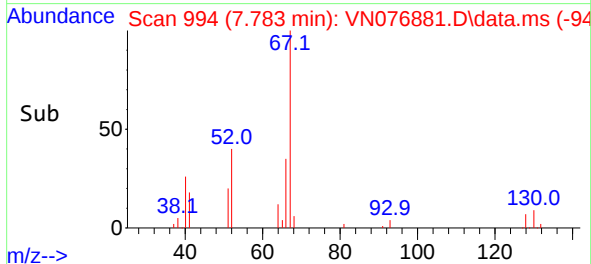
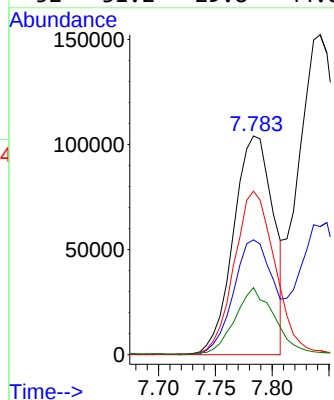
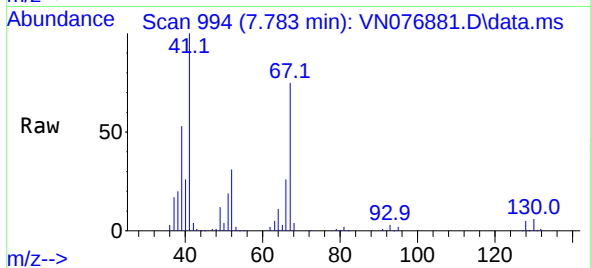




#41  
Methacrylonitrile  
Concen: 43.609 ug/l  
RT: 7.783 min Scan# 994  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

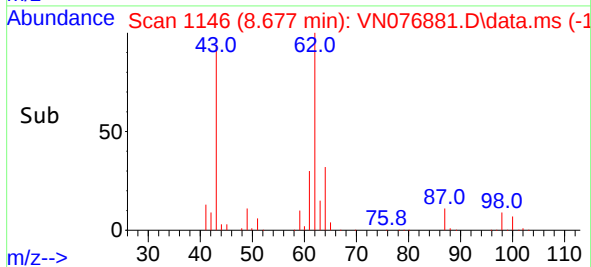
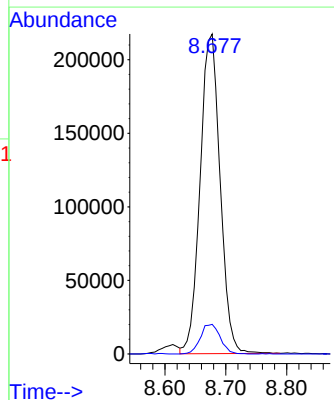
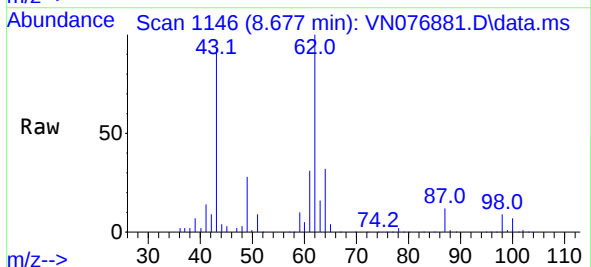
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

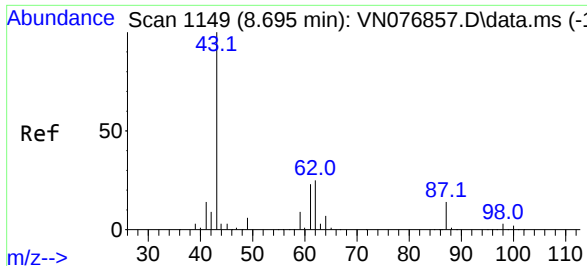
Tgt Ion: 41 Resp: 254165  
Ion Ratio Lower Upper  
41 100  
39 52.1 43.4 65.0  
67 77.8 78.6 118.0#  
52 31.2 29.8 44.8



#42  
1,2-Dichloroethane  
Concen: 45.034 ug/l  
RT: 8.677 min Scan# 1146  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 62 Resp: 496890  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 21.8

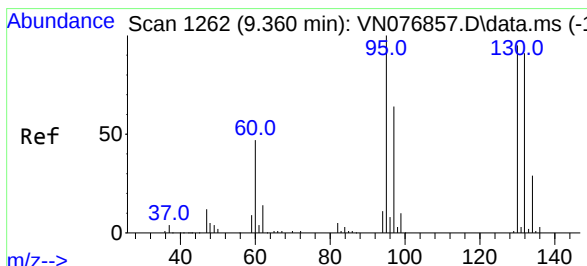
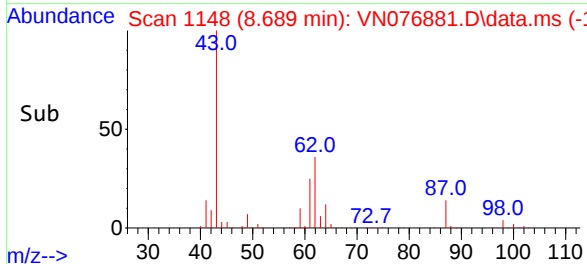
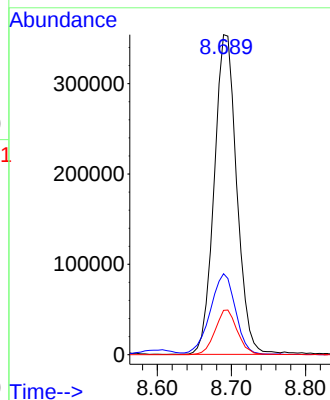
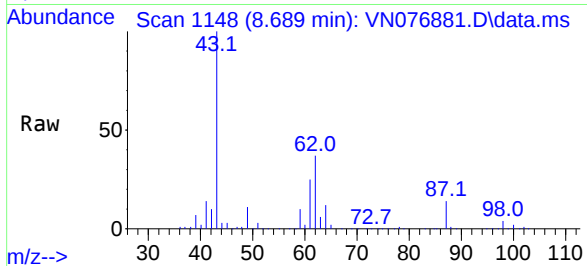




#43  
Isopropyl Acetate  
Concen: 45.712 ug/l  
RT: 8.689 min Scan# 1148  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

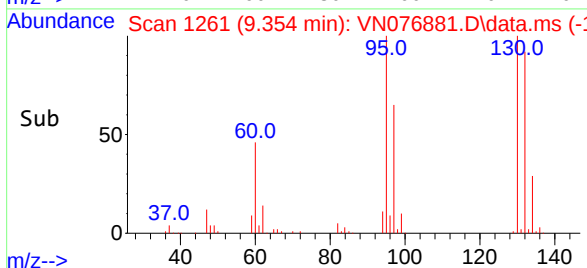
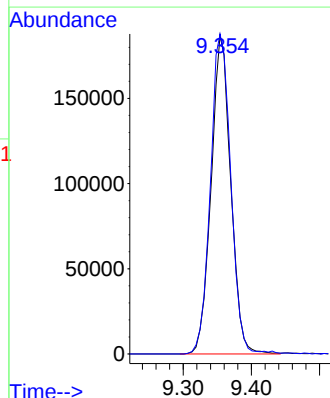
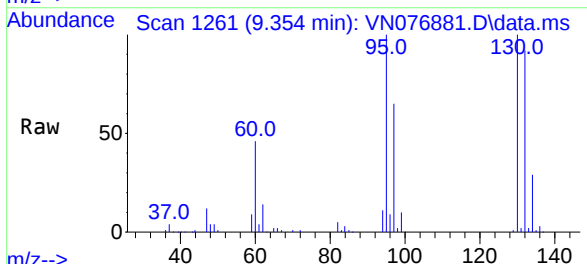
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

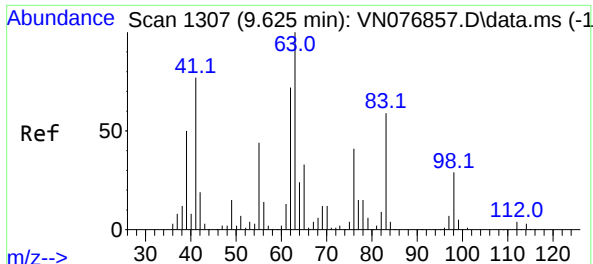
Tgt Ion: 43 Resp: 746899  
Ion Ratio Lower Upper  
43 100  
61 28.7 26.2 39.2  
87 13.9 14.8 22.2#



#44  
Trichloroethene  
Concen: 49.826 ug/l  
RT: 9.354 min Scan# 1261  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:130 Resp: 374194  
Ion Ratio Lower Upper  
130 100  
95 100.5 0.0 208.6

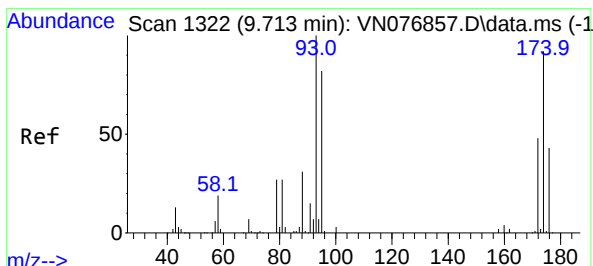
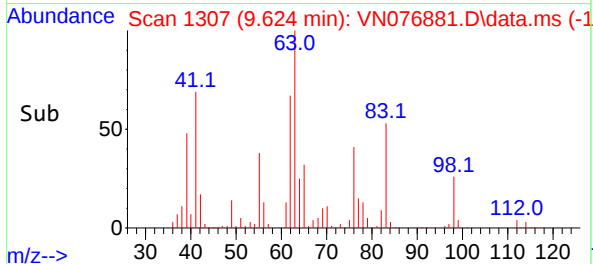
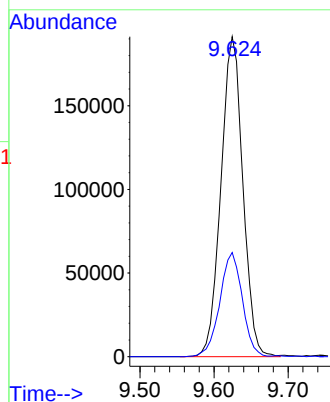
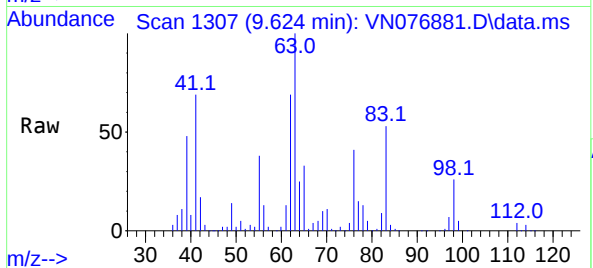




#45  
1,2-Dichloropropane  
Concen: 47.954 ug/l  
RT: 9.624 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

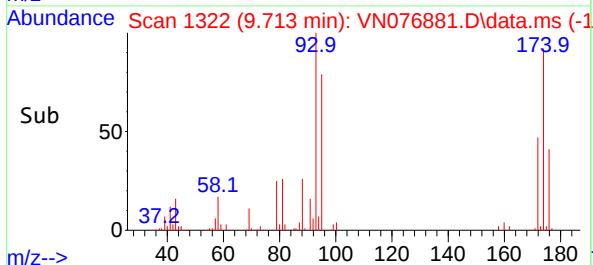
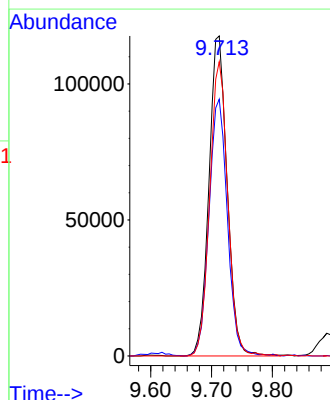
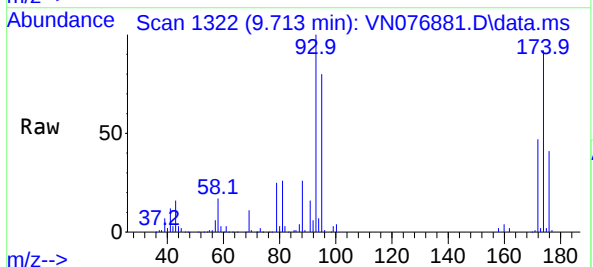
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

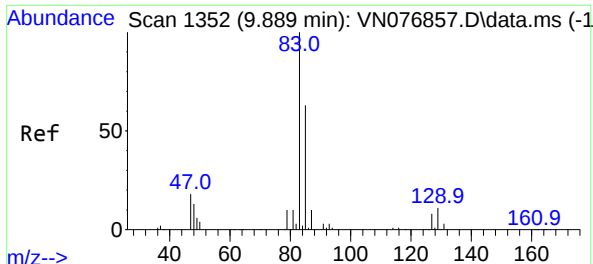
Tgt Ion: 63 Resp: 392508  
Ion Ratio Lower Upper  
63 100  
65 32.6 25.0 37.6



#46  
Dibromomethane  
Concen: 47.073 ug/l  
RT: 9.713 min Scan# 1322  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 93 Resp: 244718  
Ion Ratio Lower Upper  
93 100  
95 80.9 65.7 98.5  
174 91.1 69.3 103.9

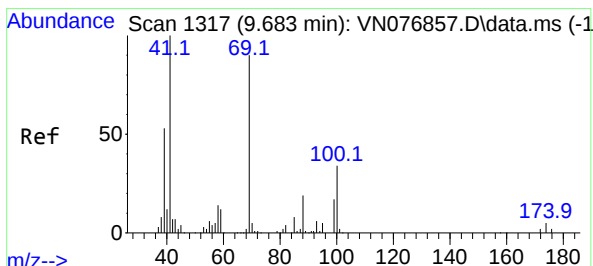
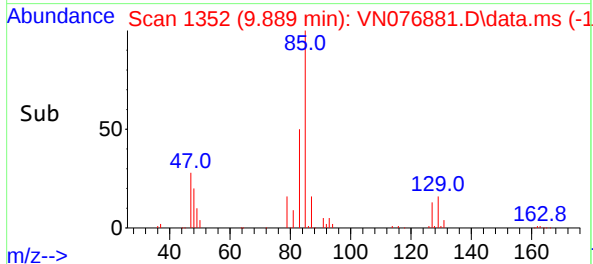
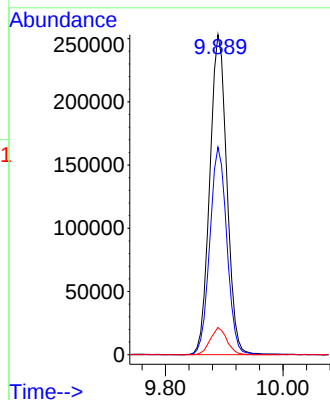
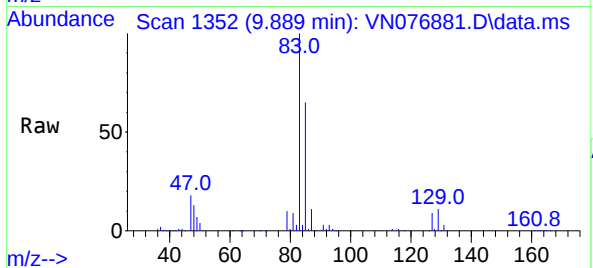




#47  
Bromodichloromethane  
Concen: 47.758 ug/l  
RT: 9.889 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

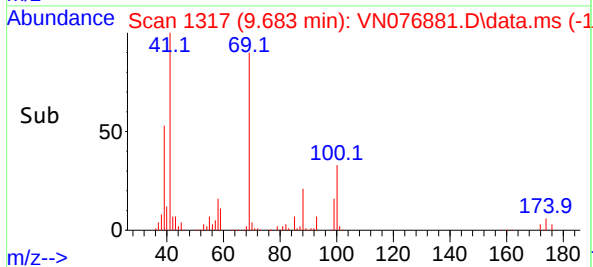
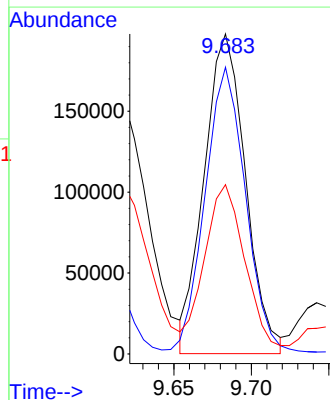
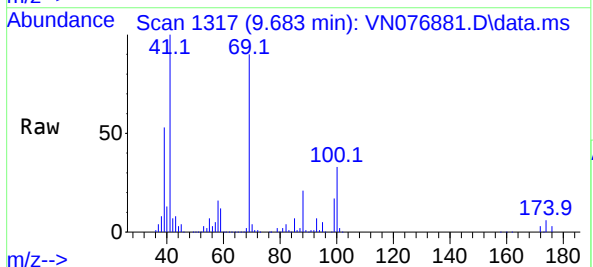
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

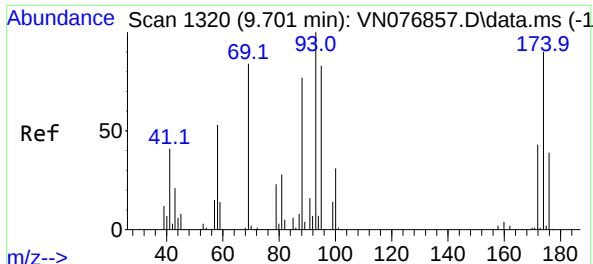
Tgt Ion: 83 Resp: 510419  
Ion Ratio Lower Upper  
83 100  
85 64.8 52.6 78.8  
127 8.5 7.0 10.6



#48  
Methyl methacrylate  
Concen: 46.124 ug/l  
RT: 9.683 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 41 Resp: 366200  
Ion Ratio Lower Upper  
41 100  
69 88.4 92.6 139.0#  
39 53.1 51.4 77.0

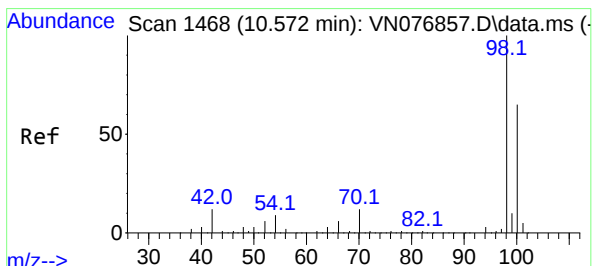
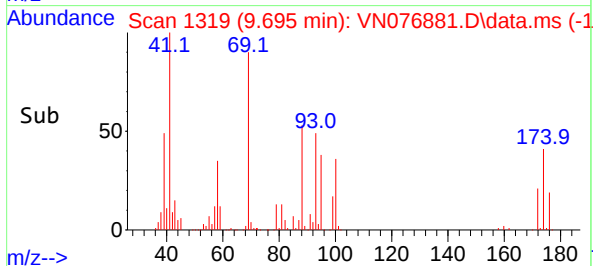
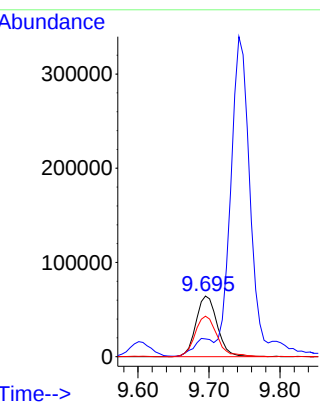
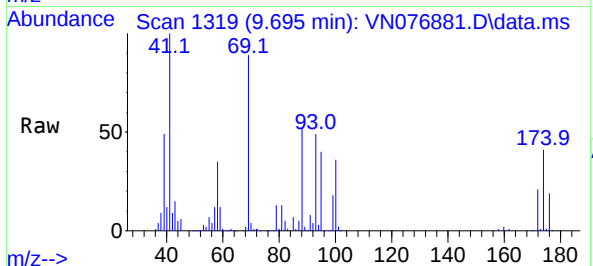




#49  
1,4-Dioxane  
Concen: 916.669 ug/l  
RT: 9.695 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

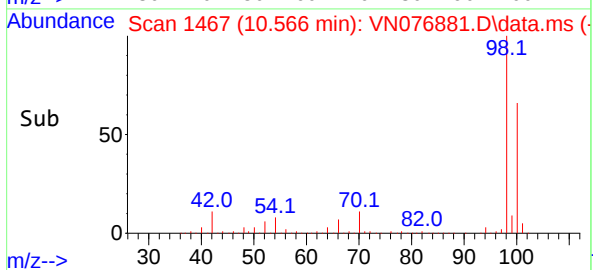
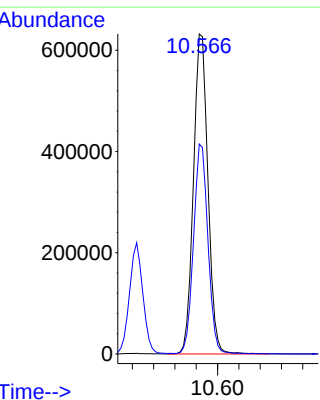
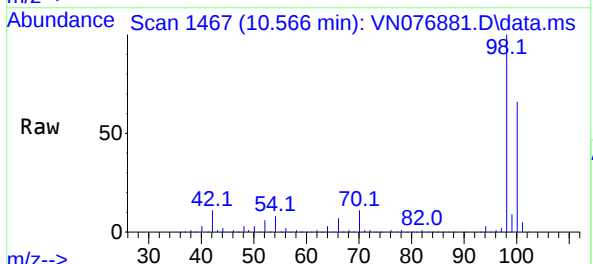
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

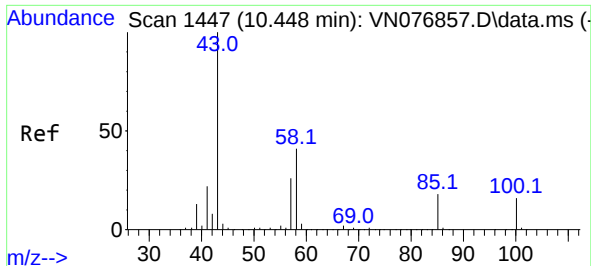
Tgt Ion: 88 Resp: 133395  
Ion Ratio Lower Upper  
88 100  
43 27.0 15.3 22.9#  
58 70.5 47.6 71.4



#50  
Toluene-d8  
Concen: 47.886 ug/l  
RT: 10.566 min Scan# 1467  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 98 Resp: 1193551  
Ion Ratio Lower Upper  
98 100  
100 65.4 52.8 79.2

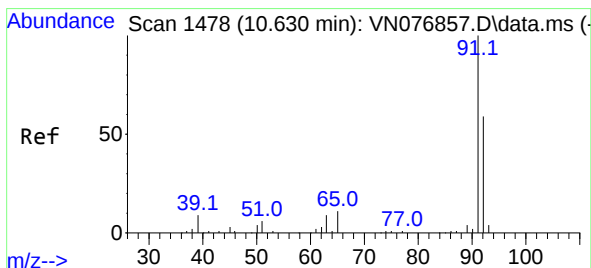
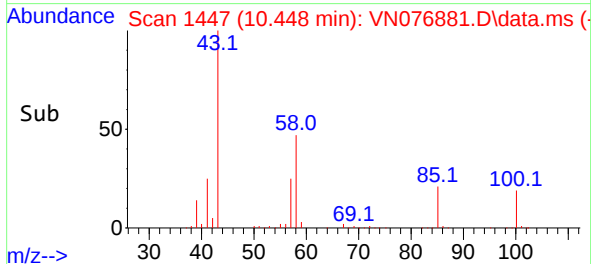
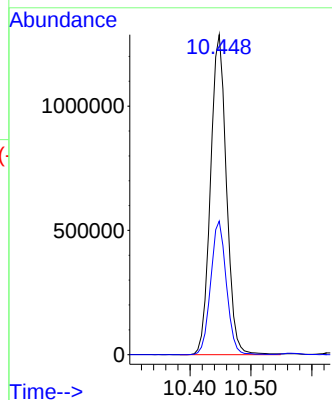
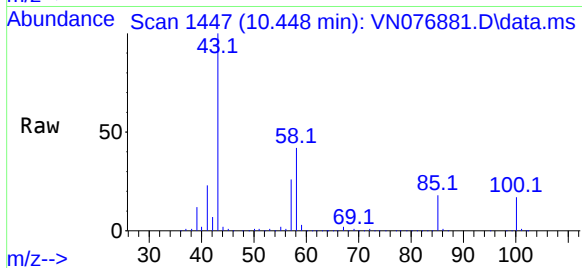




#51  
4-Methyl-2-Pentanone  
Concen: 226.853 ug/l  
RT: 10.448 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

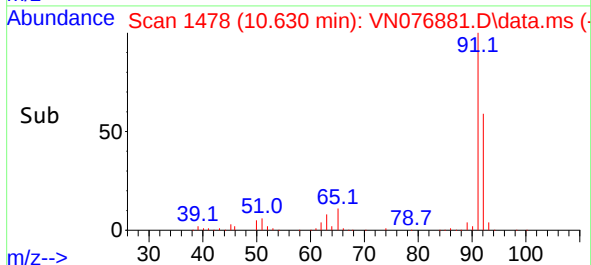
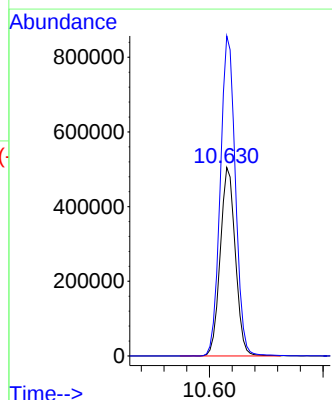
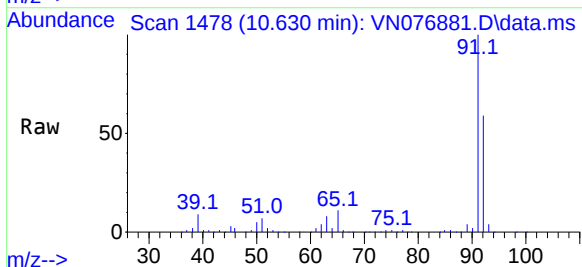
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

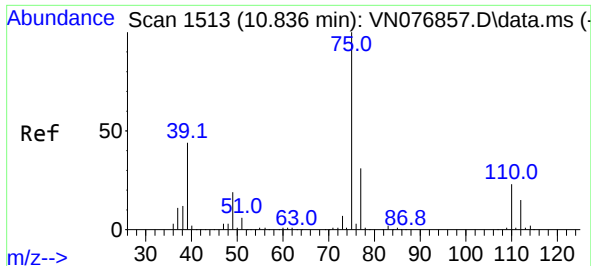
Tgt Ion: 43 Resp: 2337963  
Ion Ratio Lower Upper  
43 100  
58 41.1 37.4 56.0



#52  
Toluene  
Concen: 49.430 ug/l  
RT: 10.630 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 92 Resp: 932243  
Ion Ratio Lower Upper  
92 100  
91 170.2 138.2 207.2

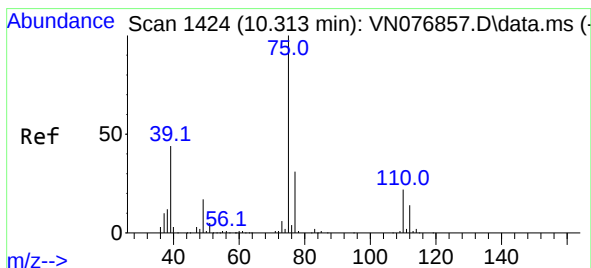
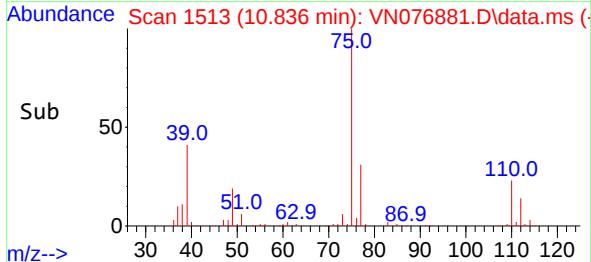
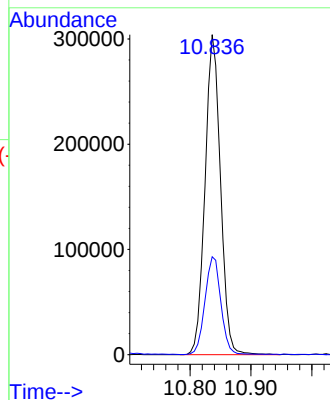
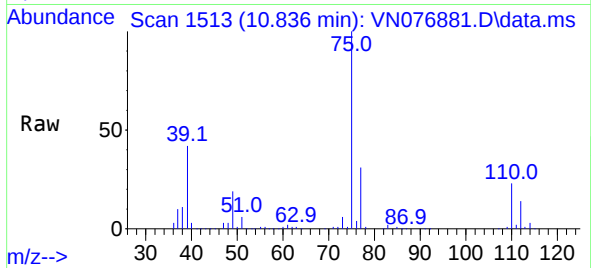




#53  
t-1,3-Dichloropropene  
Concen: 51.686 ug/l  
RT: 10.836 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

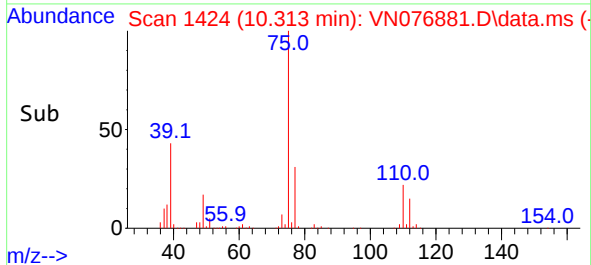
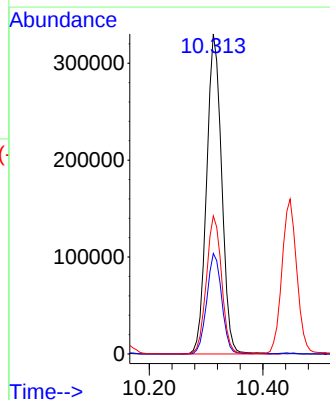
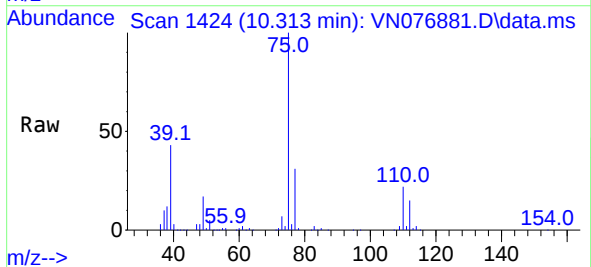
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

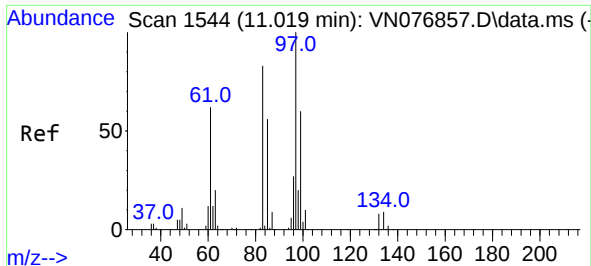
Tgt Ion: 75 Resp: 535458  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.0 37.6



#54  
cis-1,3-Dichloropropene  
Concen: 50.915 ug/l  
RT: 10.313 min Scan# 1424  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 75 Resp: 605878  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.7 38.5  
39 43.1 29.7 44.5



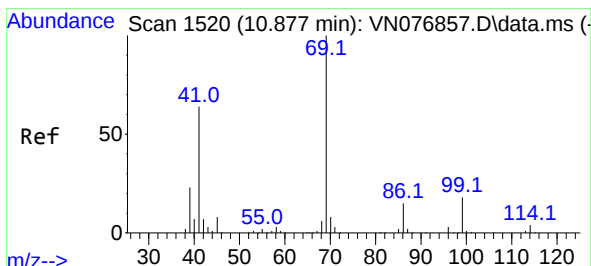
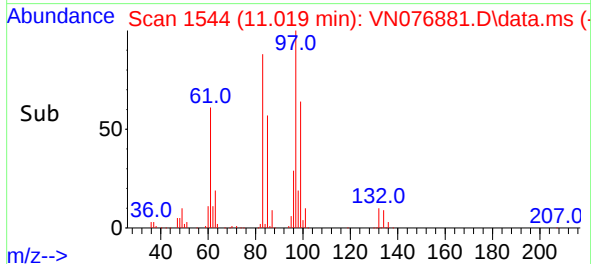
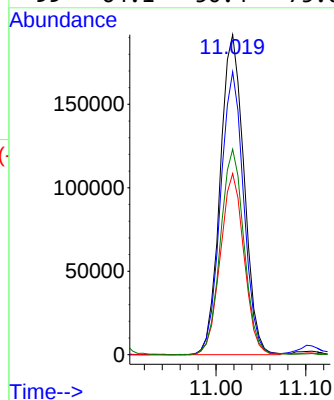
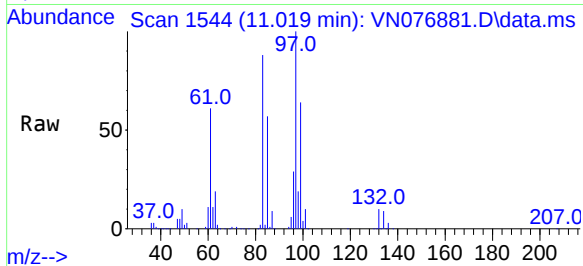


#55  
1,1,2-Trichloroethane  
Concen: 47.113 ug/l  
RT: 11.019 min Scan# 1544  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 353467

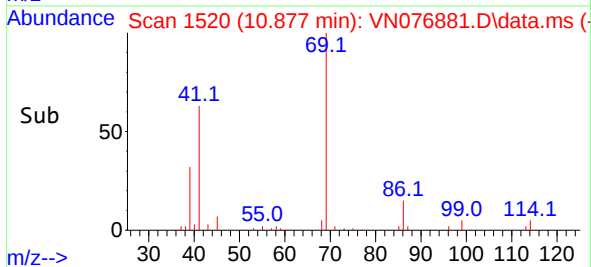
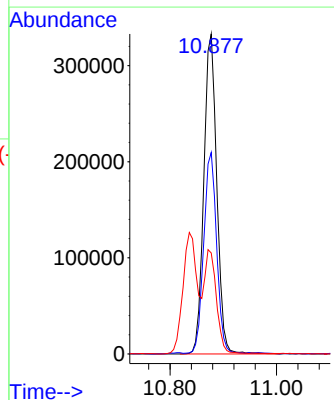
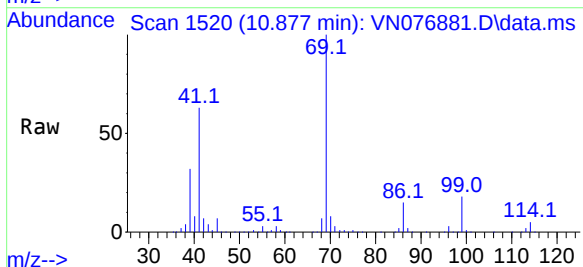
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.4  | 67.1  | 100.7 |
| 85  | 56.6  | 41.8  | 62.8  |
| 99  | 64.1  | 50.4  | 75.6  |

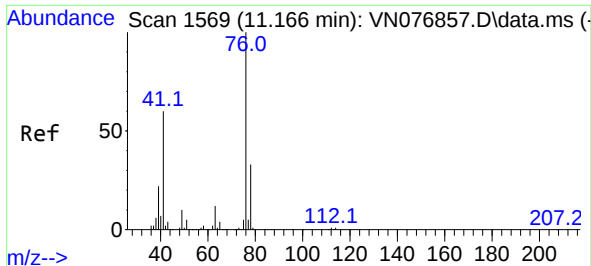


#56  
Ethyl methacrylate  
Concen: 50.170 ug/l  
RT: 10.877 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 69 Resp: 560817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.4  | 38.0  | 57.0# |
| 39  | 28.9  | 22.4  | 33.6  |

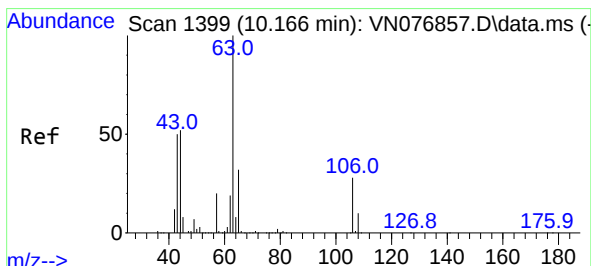
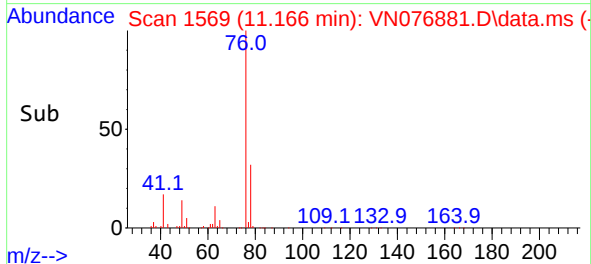
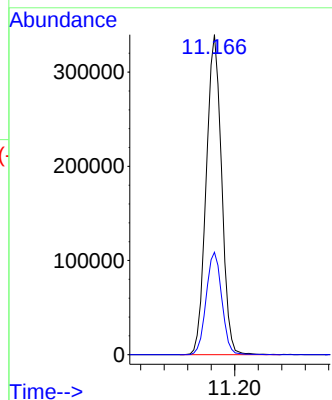
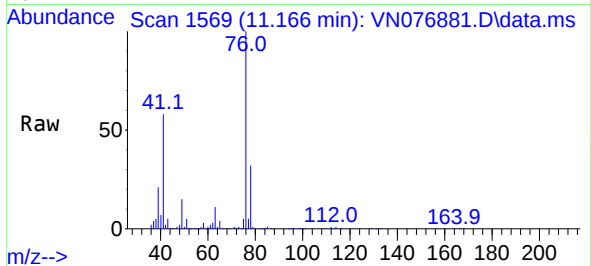




#57  
1,3-Dichloropropane  
Concen: 47.226 ug/l  
RT: 11.166 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

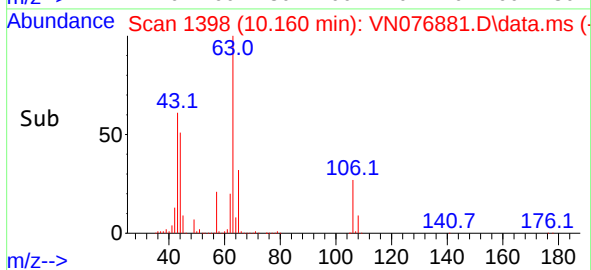
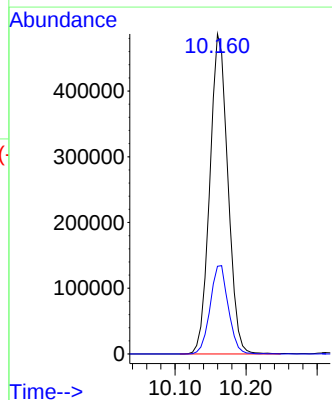
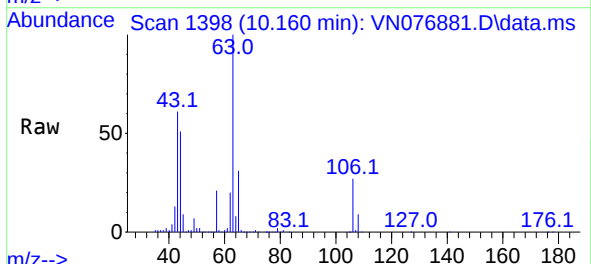
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ClientSampleId :  
VSTDCCC050EC

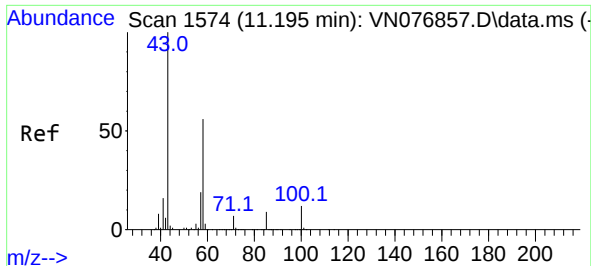
Tgt Ion: 76 Resp: 615173  
Ion Ratio Lower Upper  
76 100  
78 32.6 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 221.951 ug/l  
RT: 10.160 min Scan# 1398  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 63 Resp: 859649  
Ion Ratio Lower Upper  
63 100  
106 27.8 25.6 38.4

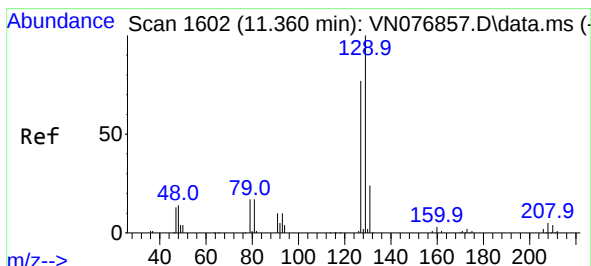
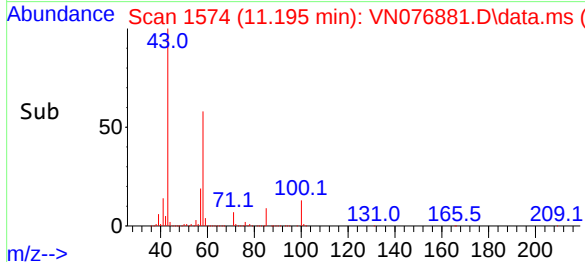
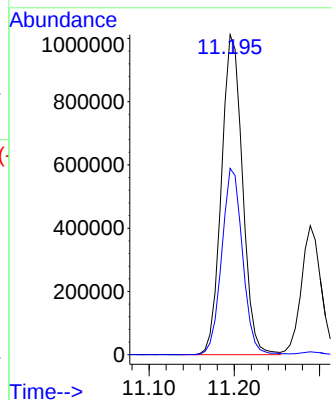
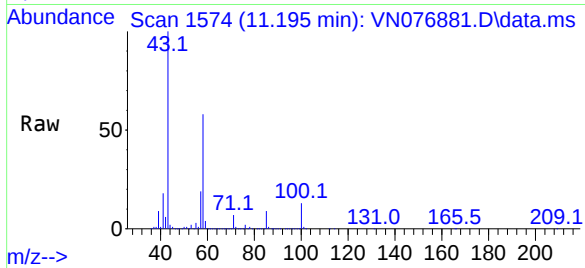




#59  
2-Hexanone  
Concen: 232.551 ug/l  
RT: 11.195 min Scan# 1574  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

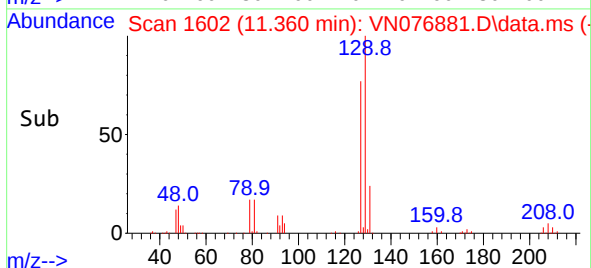
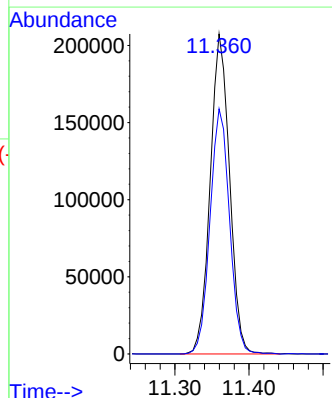
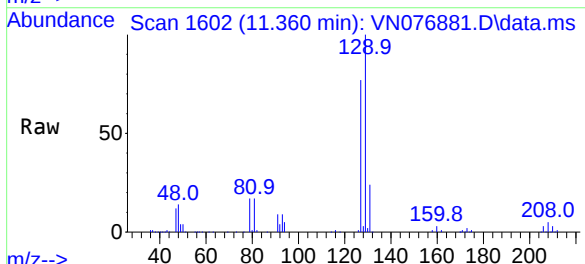
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

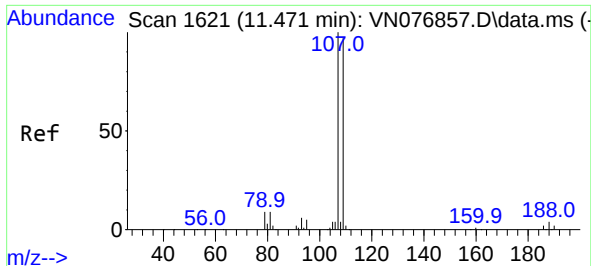
Tgt Ion: 43 Resp: 1736697  
Ion Ratio Lower Upper  
43 100  
58 57.7 32.6 98.0



#60  
Dibromochloromethane  
Concen: 50.891 ug/l  
RT: 11.360 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:129 Resp: 376232  
Ion Ratio Lower Upper  
129 100  
127 77.3 39.6 118.8

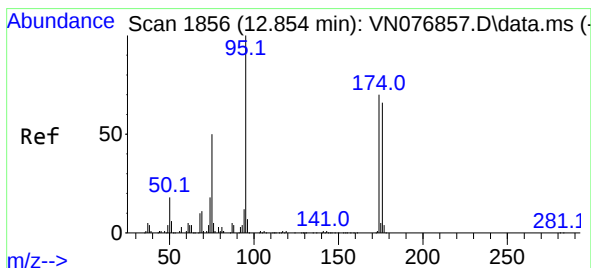
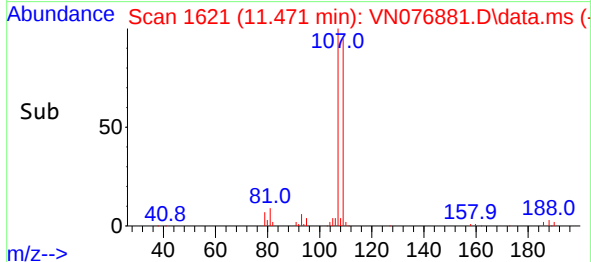
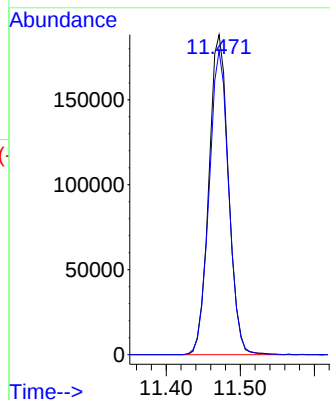
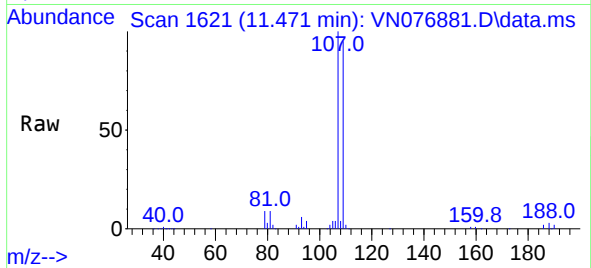




#61  
1,2-Dibromoethane  
Concen: 47.921 ug/l  
RT: 11.471 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

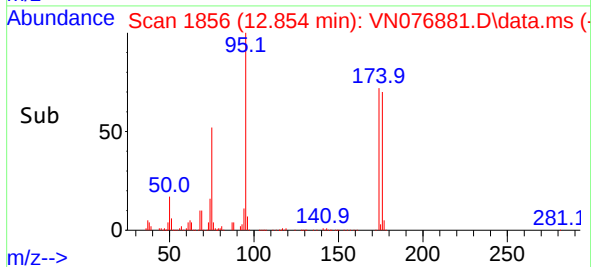
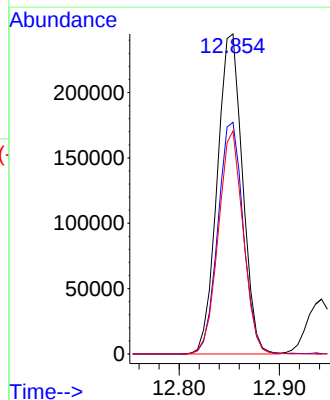
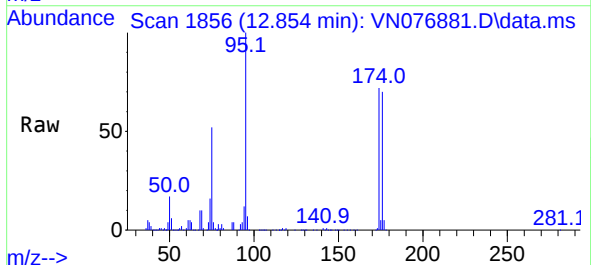
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

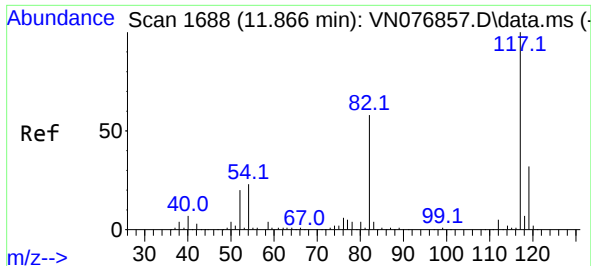
Tgt Ion:107 Resp: 345553  
Ion Ratio Lower Upper  
107 100  
109 95.0 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 49.583 ug/l  
RT: 12.854 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 95 Resp: 428235  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 162.4  
176 68.1 0.0 157.4

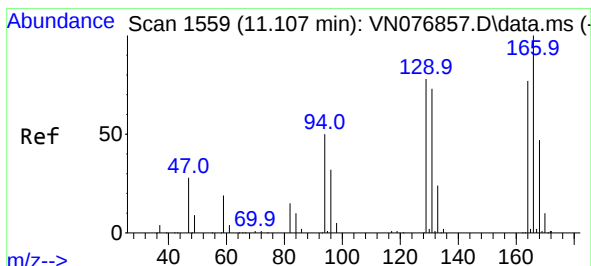
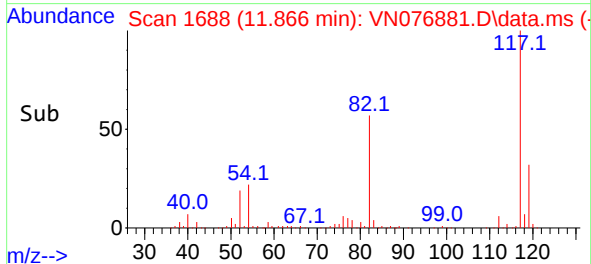
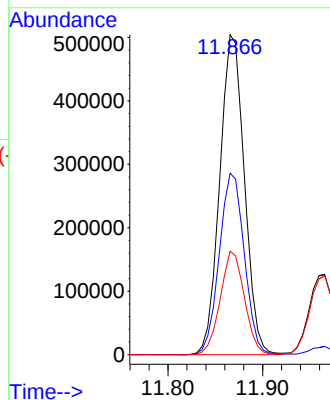
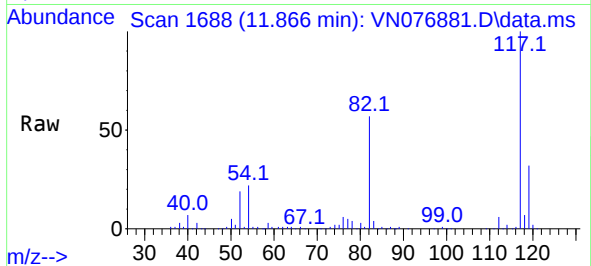




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.866 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

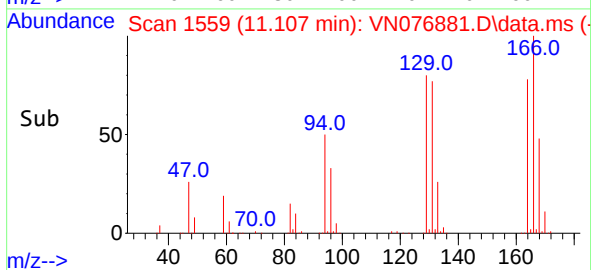
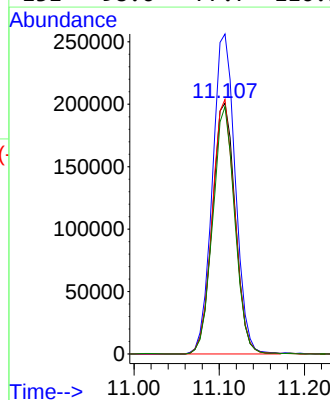
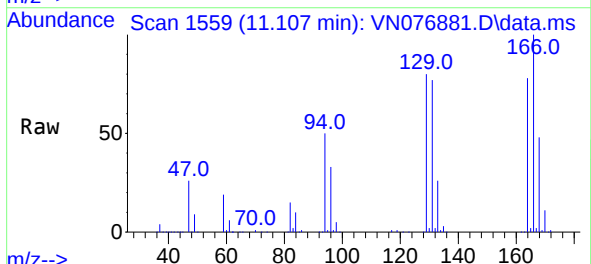
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

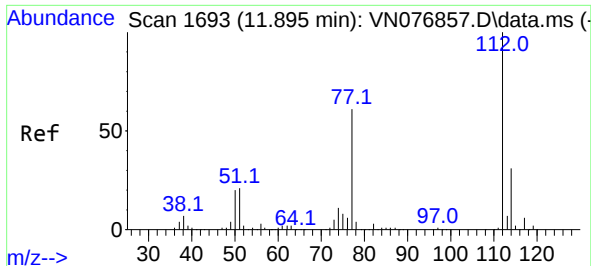
Tgt Ion:117 Resp: 913064  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.5 65.3  
119 32.3 25.5 38.3



#64  
Tetrachloroethene  
Concen: 55.029 ug/l  
RT: 11.107 min Scan# 1559  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:164 Resp: 373914  
Ion Ratio Lower Upper  
164 100  
166 127.5 102.7 154.1  
129 101.5 81.5 122.3  
131 98.6 77.7 116.5

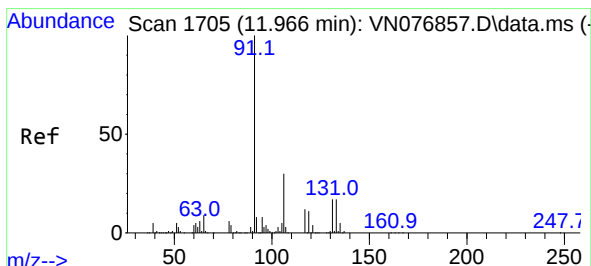
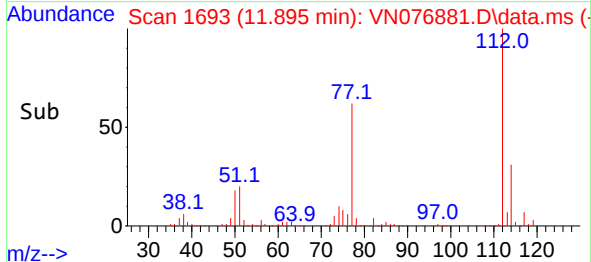
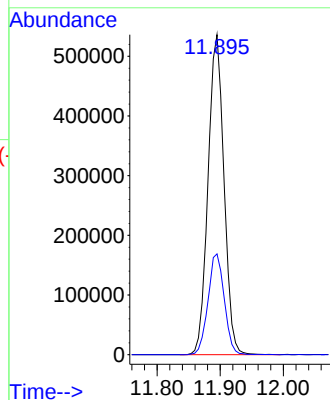
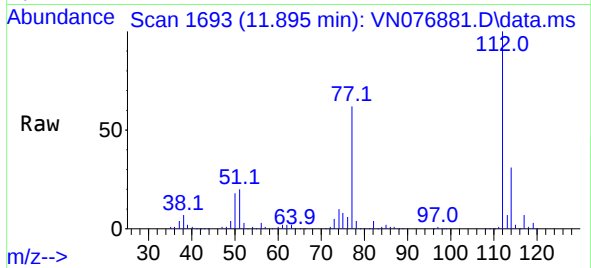




#65  
Chlorobenzene  
Concen: 47.634 ug/l  
RT: 11.895 min Scan# 1104  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

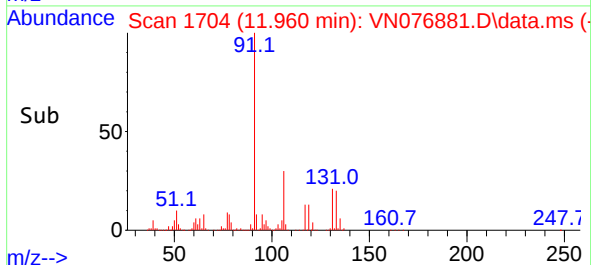
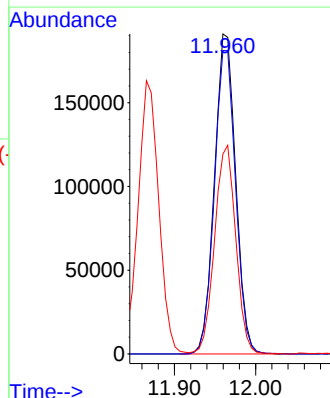
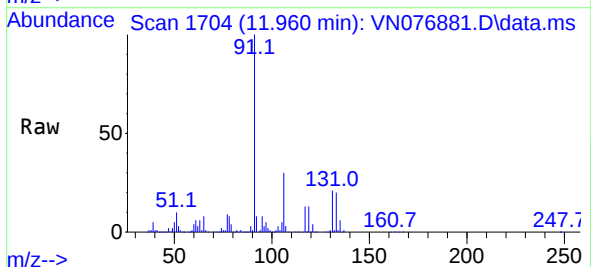
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

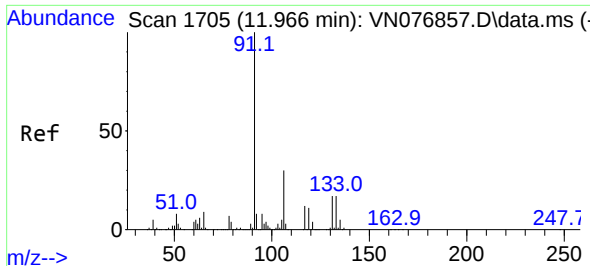
Tgt Ion:112 Resp: 939923  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.690 ug/l  
RT: 11.960 min Scan# 1704  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:131 Resp: 347542  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.9 143.8  
119 65.2 33.1 99.2

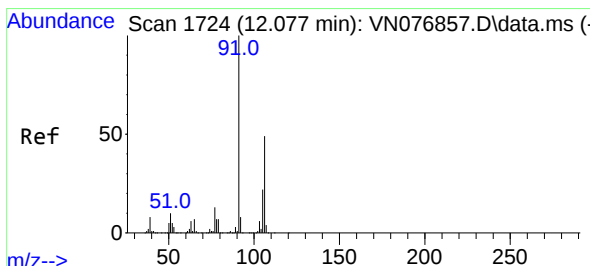
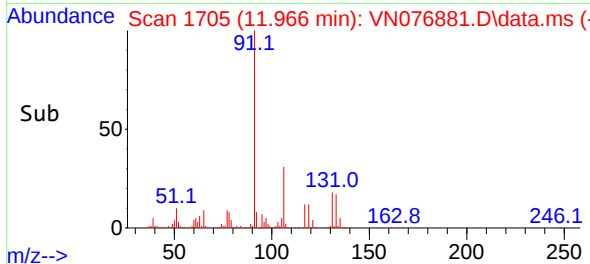
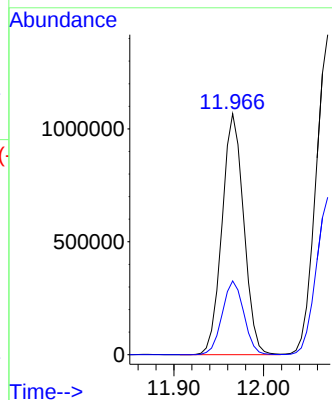
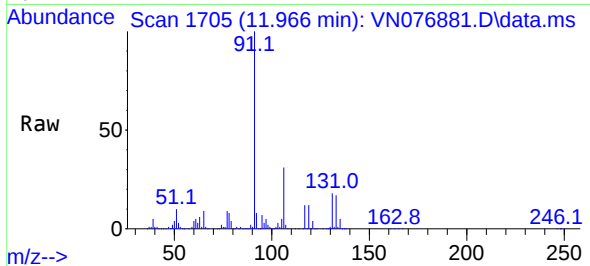




#67  
Ethyl Benzene  
Concen: 50.045 ug/l  
RT: 11.966 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

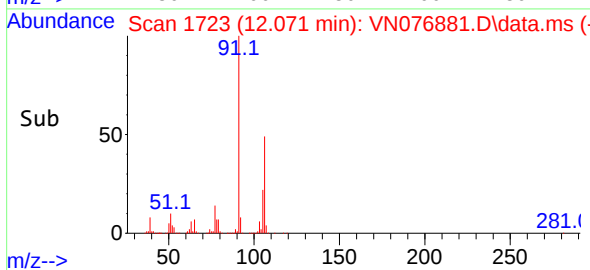
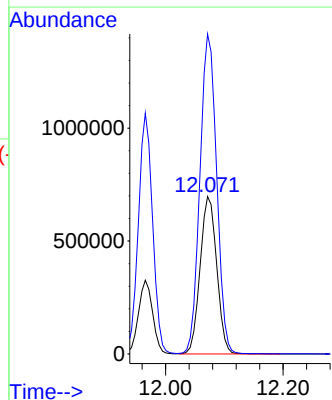
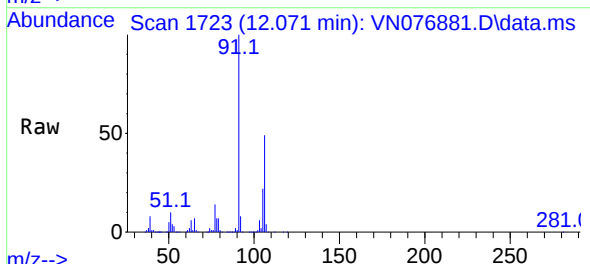
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

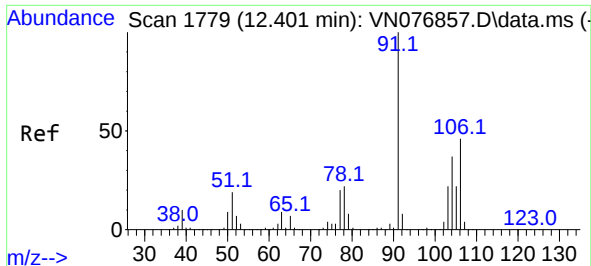
Tgt Ion: 91 Resp: 1793080  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.1 37.7



#68  
m/p-Xylenes  
Concen: 101.400 ug/l  
RT: 12.071 min Scan# 1723  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:106 Resp: 1366879  
Ion Ratio Lower Upper  
106 100  
91 204.8 158.0 237.0

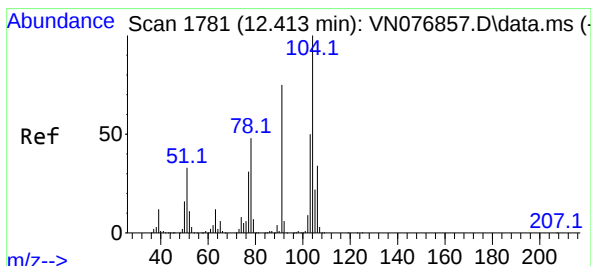
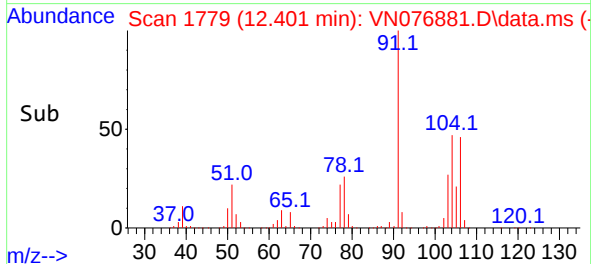
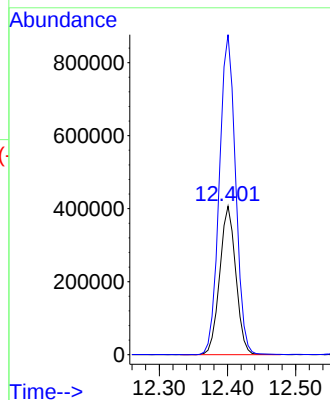
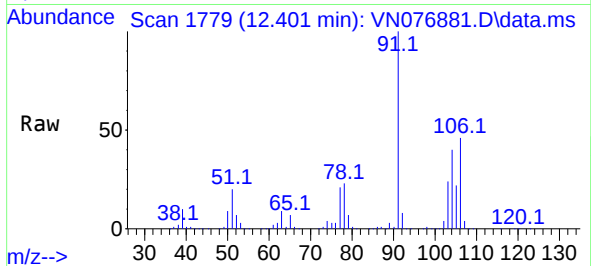




#69  
o-Xylene  
Concen: 50.330 ug/l  
RT: 12.401 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

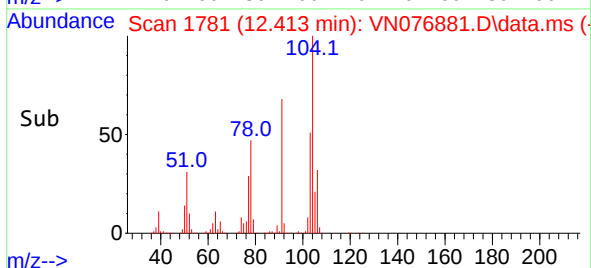
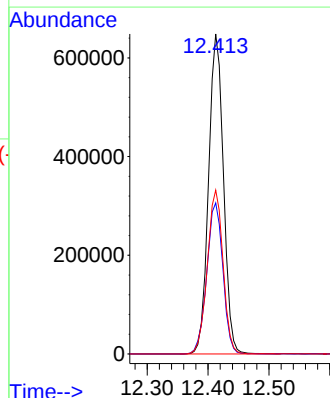
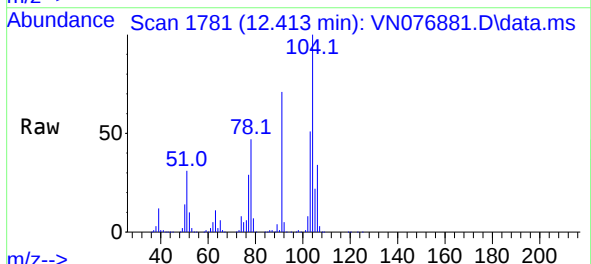
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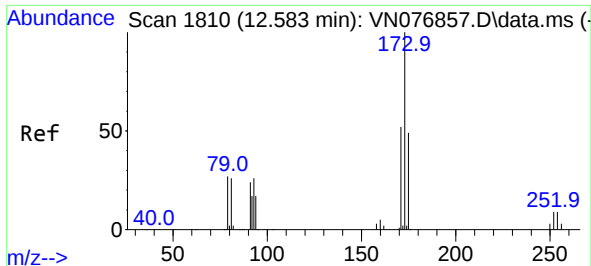
Tgt Ion:106 Resp: 668111  
Ion Ratio Lower Upper  
106 100  
91 218.0 101.8 305.4



#70  
Styrene  
Concen: 52.914 ug/l  
RT: 12.413 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:104 Resp: 1101278  
Ion Ratio Lower Upper  
104 100  
78 51.0 36.6 55.0  
103 54.1 43.4 65.0

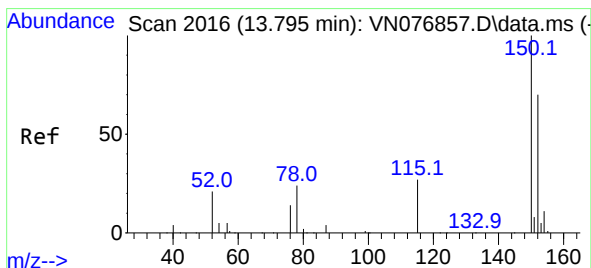
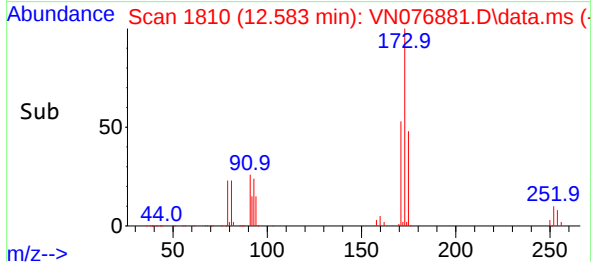
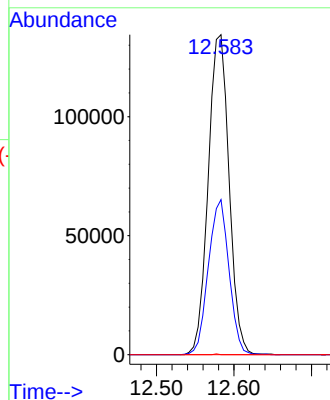
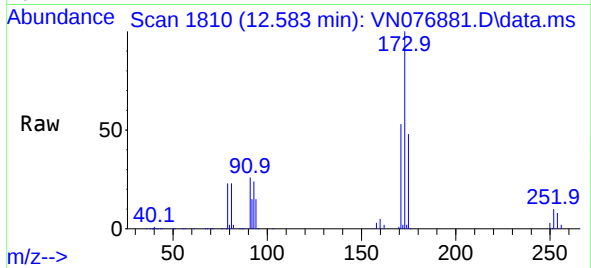




#71  
Bromoform  
Concen: 51.760 ug/l  
RT: 12.583 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

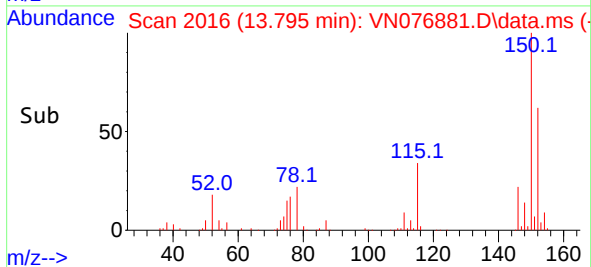
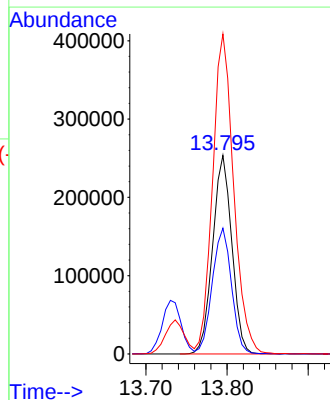
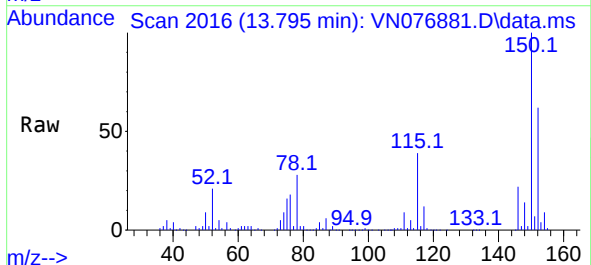
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ClientSampleId :  
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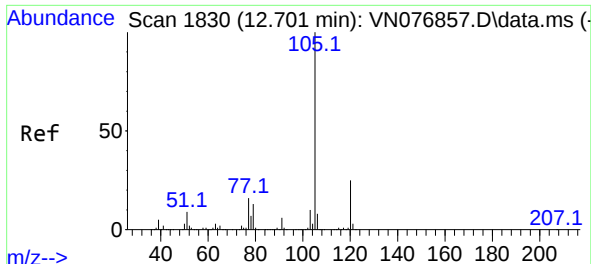
Tgt Ion:173 Resp: 251482  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.9 74.6  
254 0.0 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.795 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:152 Resp: 416728  
Ion Ratio Lower Upper  
152 100  
115 63.5 30.3 90.9  
150 177.1 0.0 353.6

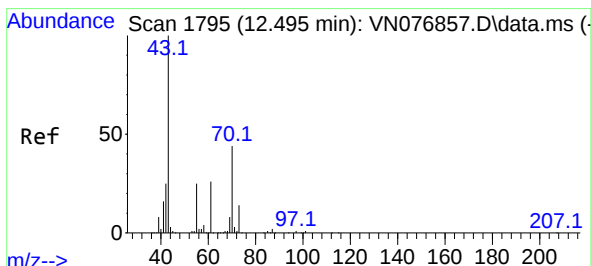
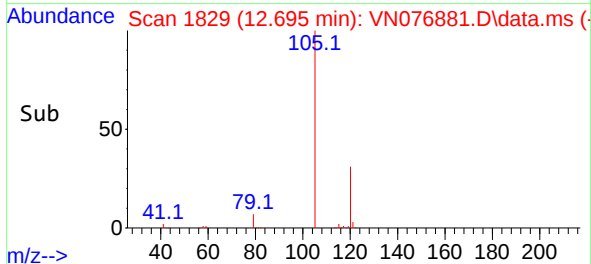
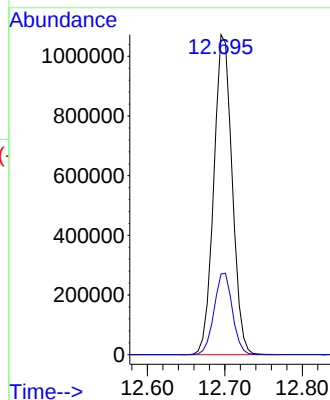
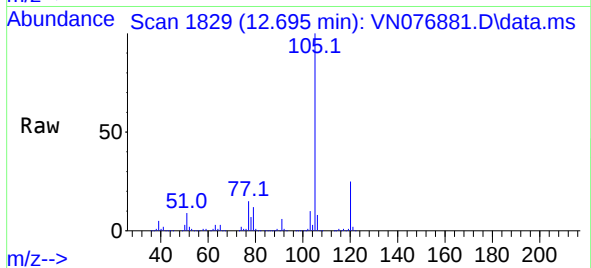




#73  
Isopropylbenzene  
Concen: 48.554 ug/l  
RT: 12.695 min Scan# 1829  
Delta R.T. -0.006 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

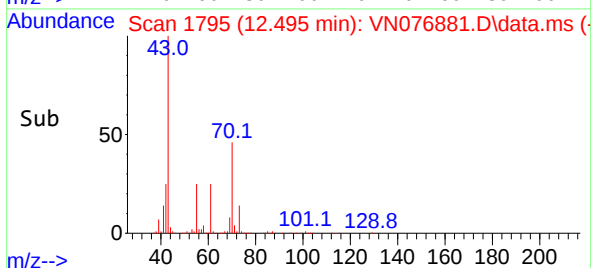
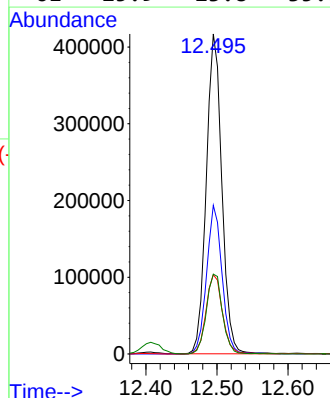
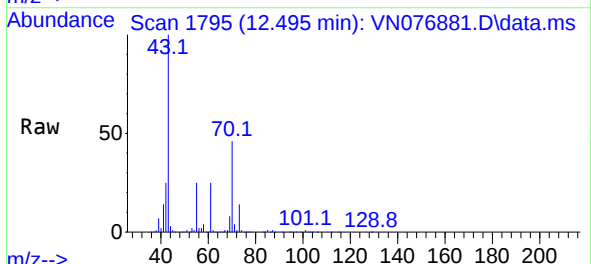
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ClientSampleId :  
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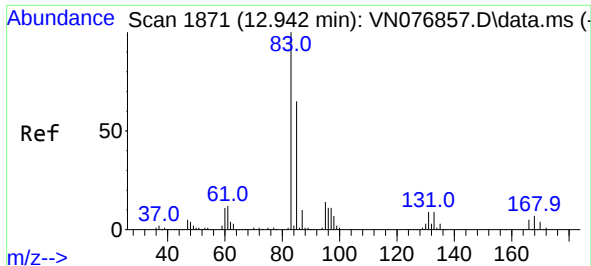
Tgt Ion:105 Resp: 1763733  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.8 41.4



#74  
N-ethyl acetate  
Concen: 44.746 ug/l  
RT: 12.495 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 43 Resp: 635693  
Ion Ratio Lower Upper  
43 100  
70 46.5 46.8 70.2#  
55 26.4 23.4 35.2  
61 25.9 23.8 35.8

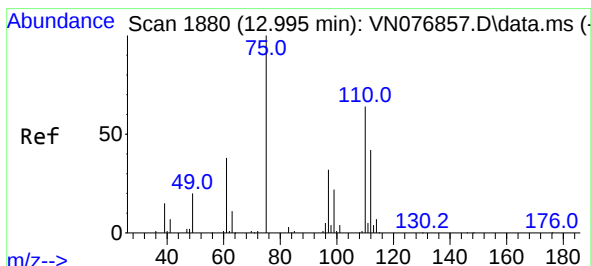
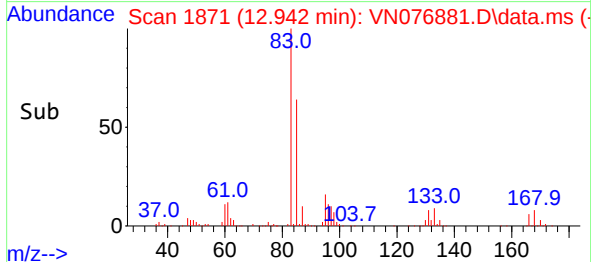
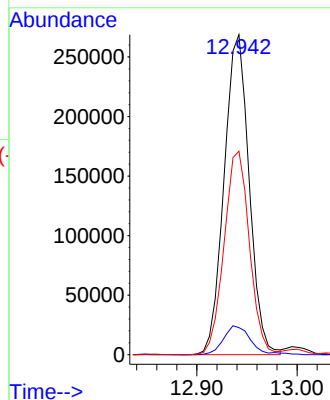
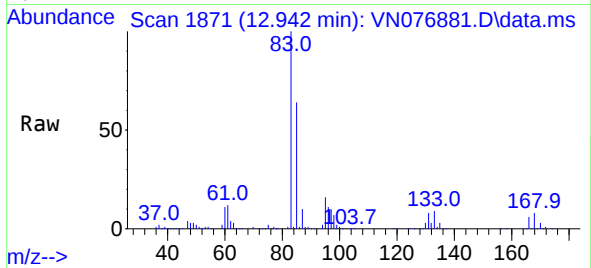




#75  
1,1,2,2-Tetrachloroethane  
Concen: 40.091 ug/l  
RT: 12.942 min Scan# 1871  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

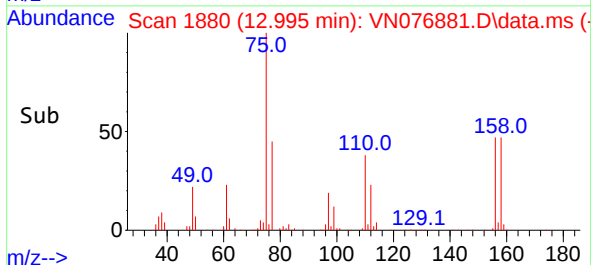
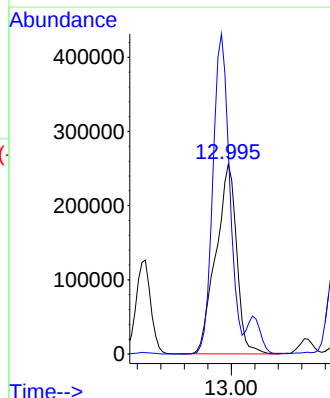
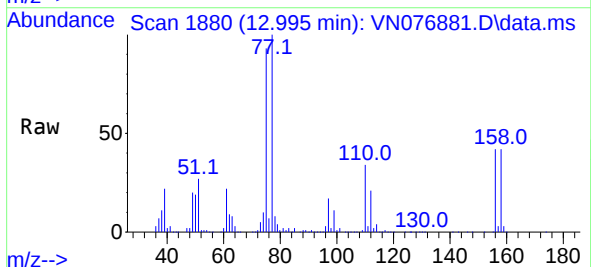
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

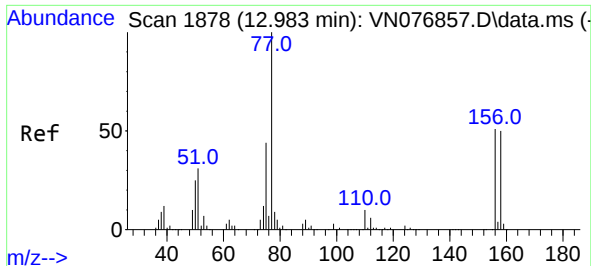
Tgt Ion: 83 Resp: 466712  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.3 16.1  
85 64.4 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 59.634 ug/l  
RT: 12.995 min Scan# 1880  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 75 Resp: 626735  
Ion Ratio Lower Upper  
75 100  
77 135.7 93.8 281.4

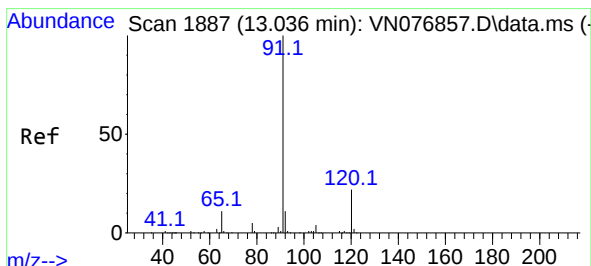
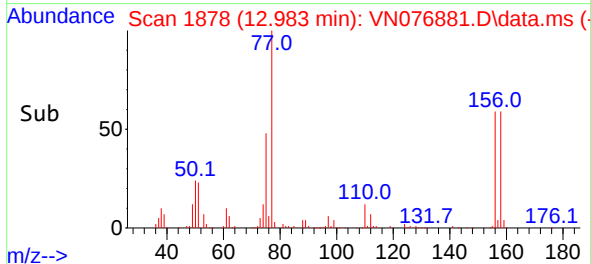
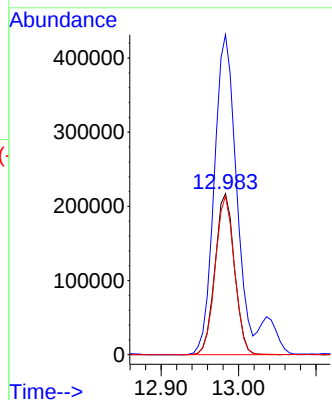
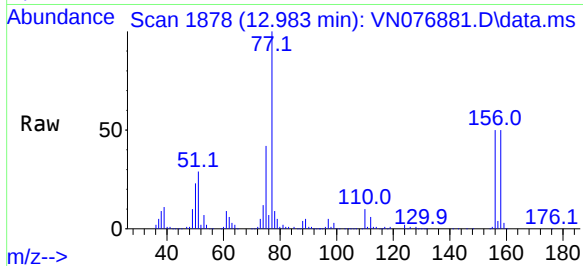




#77  
Bromobenzene  
Concen: 47.050 ug/l  
RT: 12.983 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

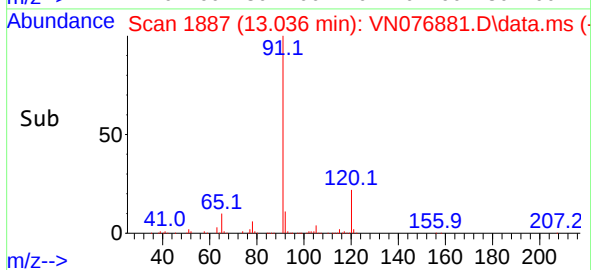
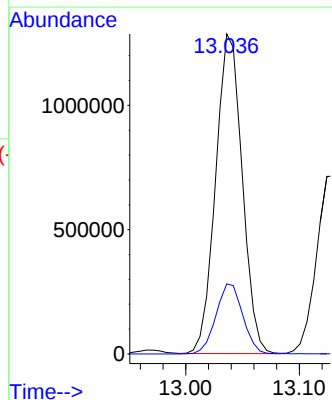
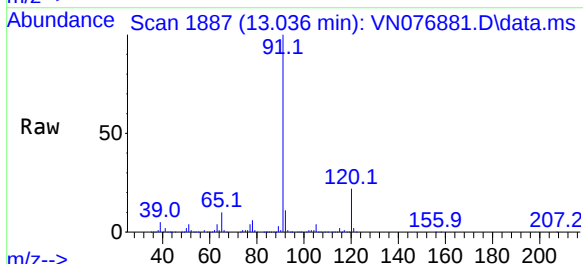
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

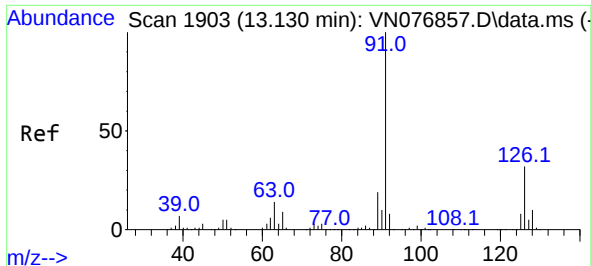
Tgt Ion:156 Resp: 378203  
Ion Ratio Lower Upper  
156 100  
77 224.9 101.3 303.7  
158 97.2 48.9 146.7



#78  
n-propylbenzene  
Concen: 50.434 ug/l  
RT: 13.036 min Scan# 1887  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 91 Resp: 2089211  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.9 35.7

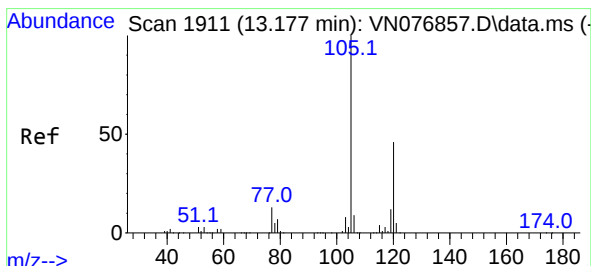
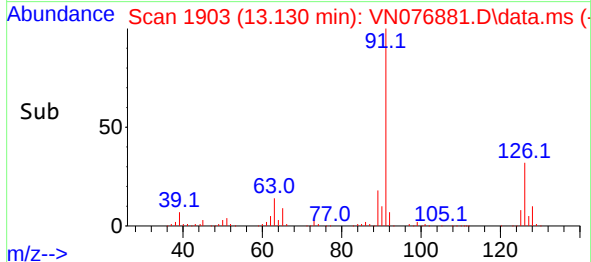
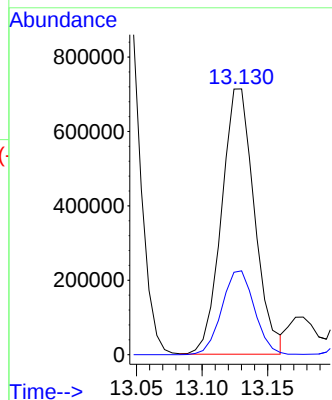
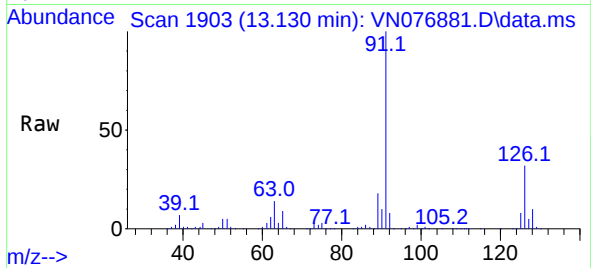




#79  
2-Chlorotoluene  
Concen: 46.900 ug/l  
RT: 13.130 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

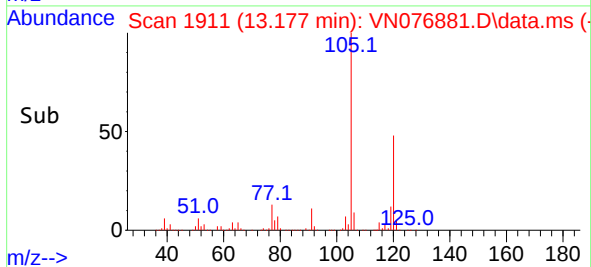
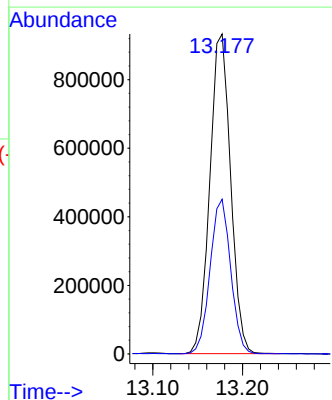
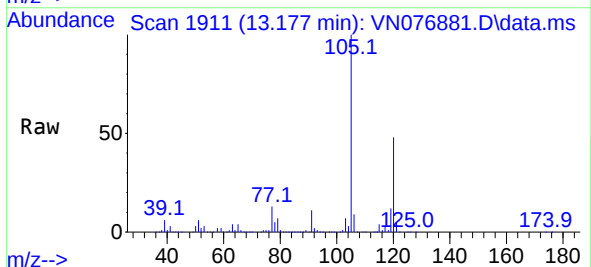
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

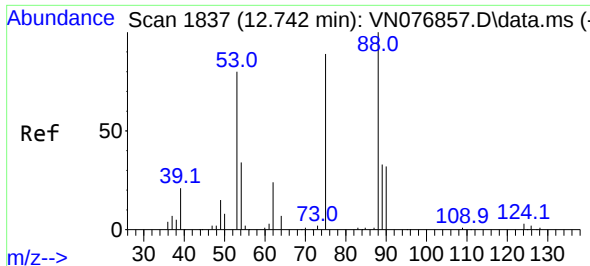
Tgt Ion: 91 Resp: 1246258  
Ion Ratio Lower Upper  
91 100  
126 31.4 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 49.218 ug/l  
RT: 13.177 min Scan# 1911  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 105 Resp: 1498425  
Ion Ratio Lower Upper  
105 100  
120 47.9 25.2 75.6

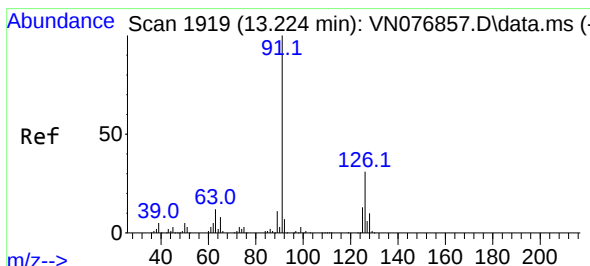
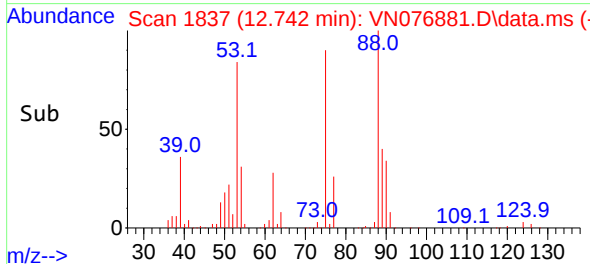
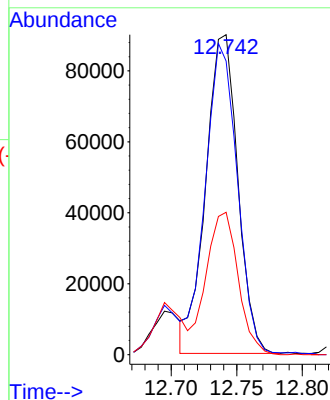
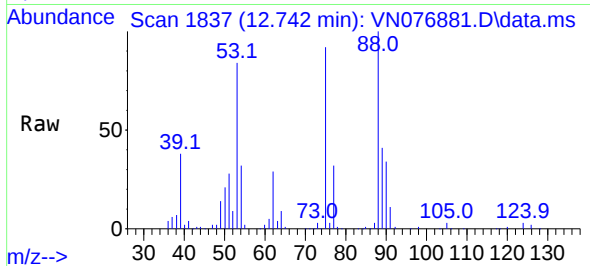




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.984 ug/l  
RT: 12.742 min Scan# 1837  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

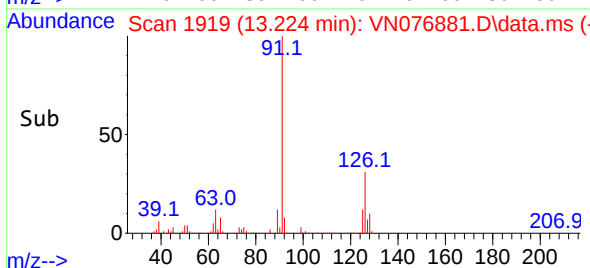
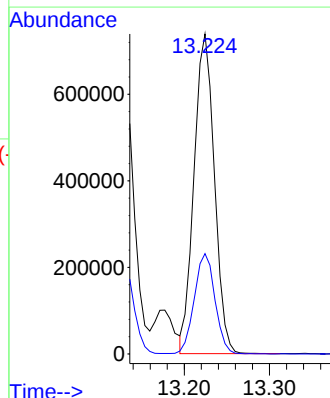
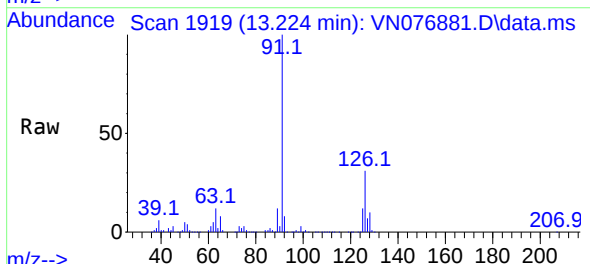
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

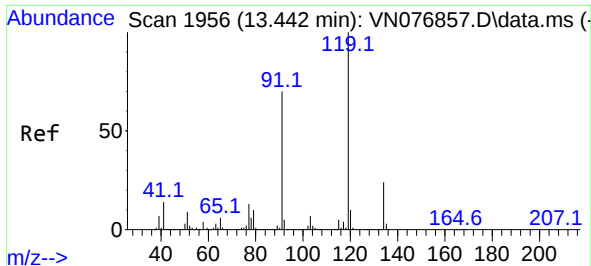
Tgt Ion: 75 Resp: 152910  
Ion Ratio Lower Upper  
75 100  
53 98.4 67.4 101.0  
89 44.5 39.5 59.3



#82  
4-Chlorotoluene  
Concen: 48.661 ug/l  
RT: 13.224 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion: 91 Resp: 1225854  
Ion Ratio Lower Upper  
91 100  
126 31.9 18.0 54.0

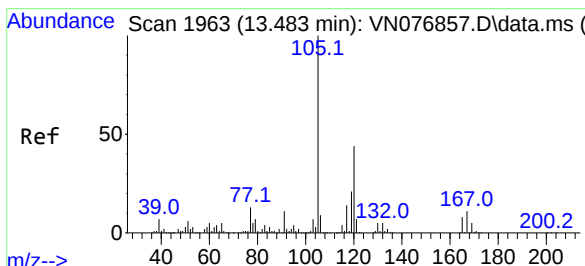
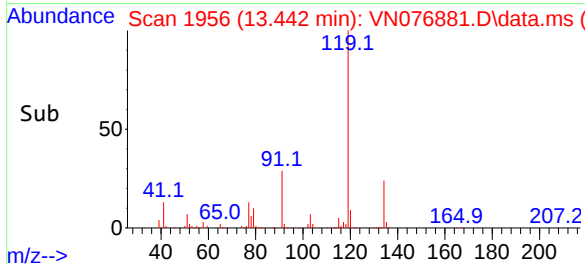
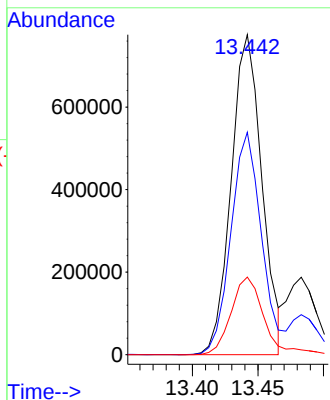
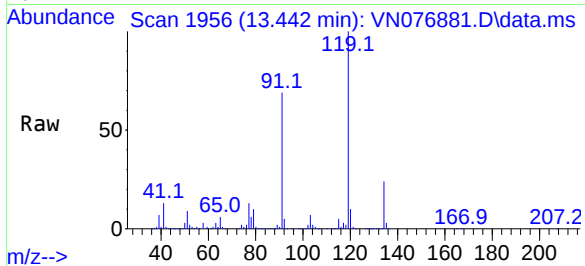




#83  
tert-Butylbenzene  
Concen: 48.680 ug/l  
RT: 13.442 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

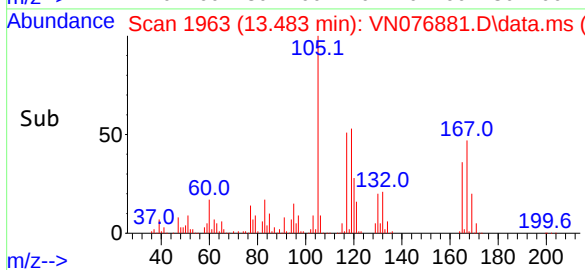
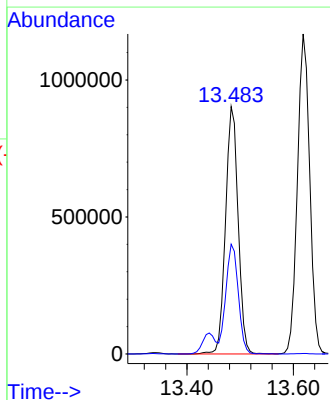
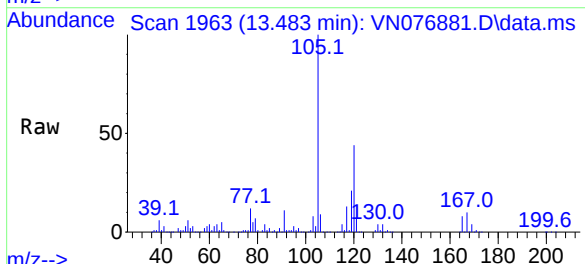
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

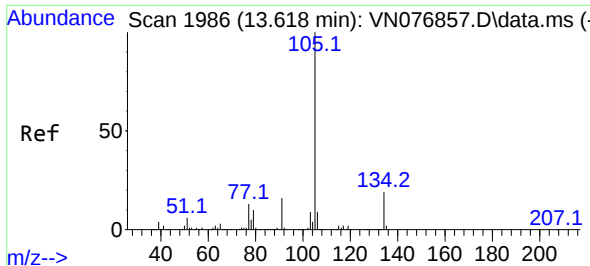
Tgt Ion:119 Resp: 1266454  
Ion Ratio Lower Upper  
119 100  
91 69.8 31.9 95.5  
134 26.0 13.8 41.4



#84  
1,2,4-Trimethylbenzene  
Concen: 49.421 ug/l  
RT: 13.483 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:105 Resp: 1484184  
Ion Ratio Lower Upper  
105 100  
120 43.6 23.6 70.8

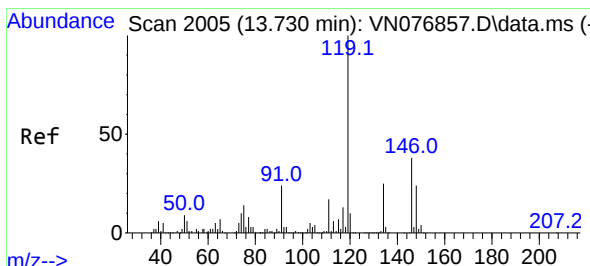
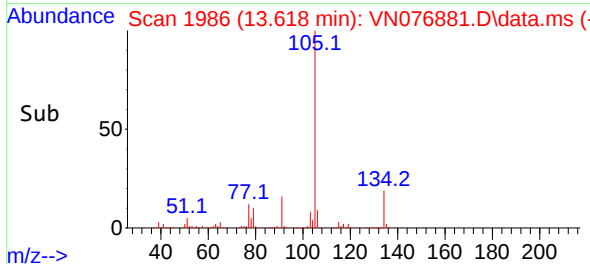
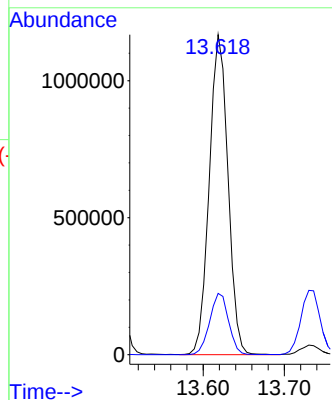
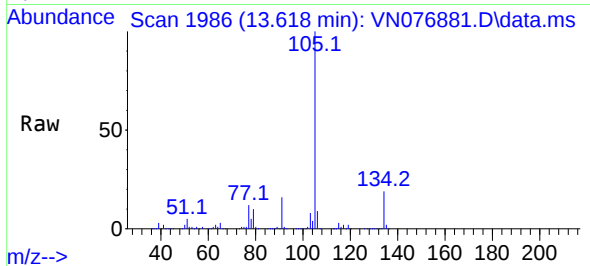




#85  
 sec-Butylbenzene  
 Concen: 51.356 ug/l  
 RT: 13.618 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

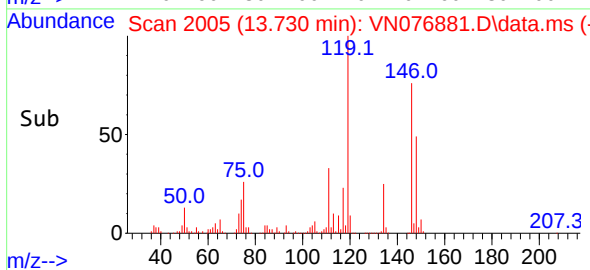
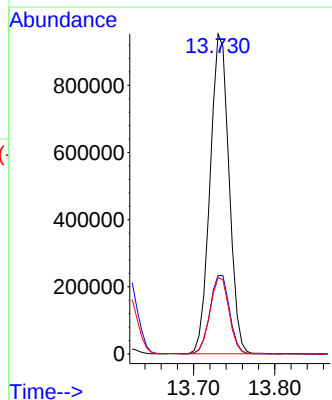
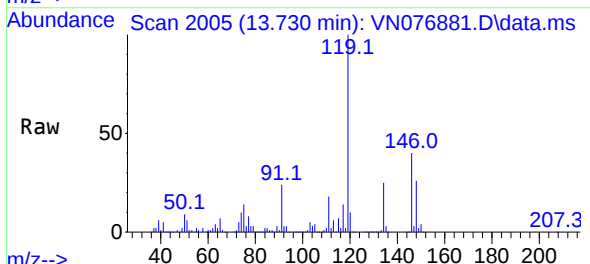
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

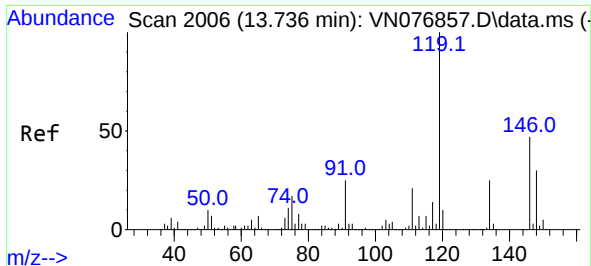
Tgt Ion:105 Resp: 1865410  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.4 31.2



#86  
 p-Isopropyltoluene  
 Concen: 52.964 ug/l  
 RT: 13.730 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: VN076881.D  
 Acq: 08 Mar 2023 15:48

Tgt Ion:119 Resp: 1538759  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 13.5 40.5  
 91 24.1 11.2 33.6

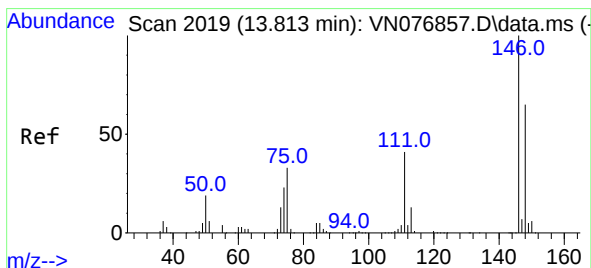
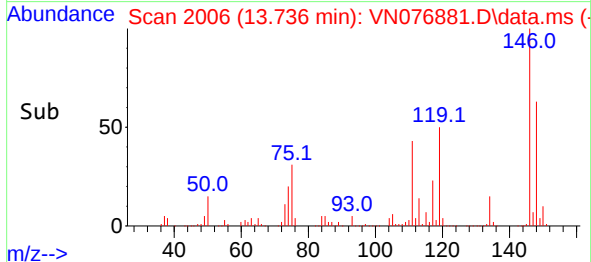
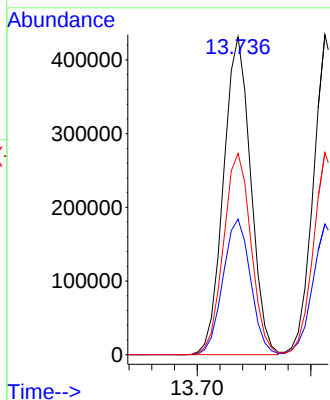
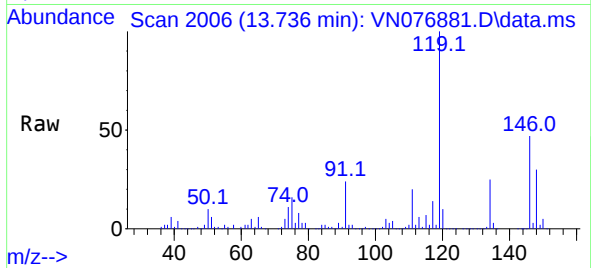




#87  
1,3-Dichlorobenzene  
Concen: 48.890 ug/l  
RT: 13.736 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

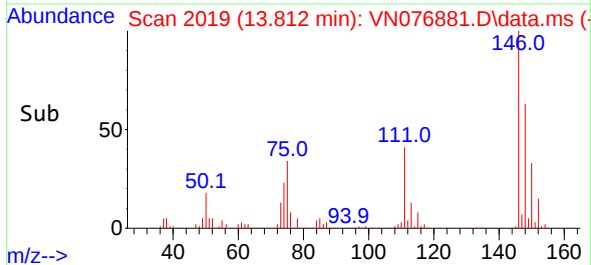
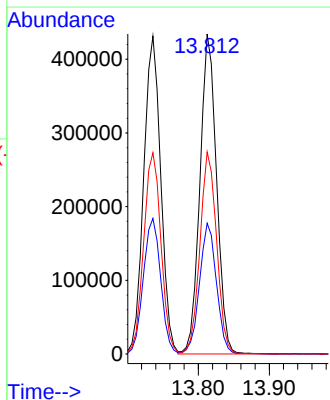
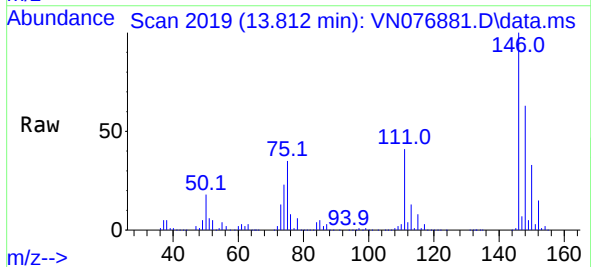
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

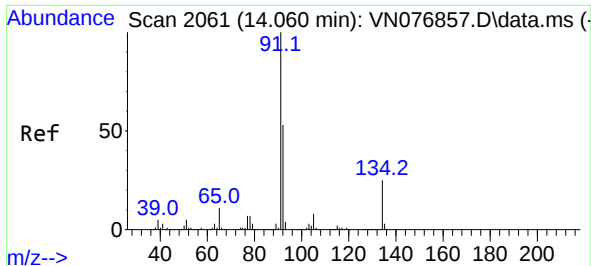
Tgt Ion:146 Resp: 717574  
Ion Ratio Lower Upper  
146 100  
111 43.5 20.4 61.2  
148 64.3 31.5 94.5



#88  
1,4-Dichlorobenzene  
Concen: 47.636 ug/l  
RT: 13.812 min Scan# 2019  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:146 Resp: 709924  
Ion Ratio Lower Upper  
146 100  
111 41.6 20.0 60.0  
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 54.107 ug/l

RT: 14.059 min Scan# 2061

Delta R.T. -0.001 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

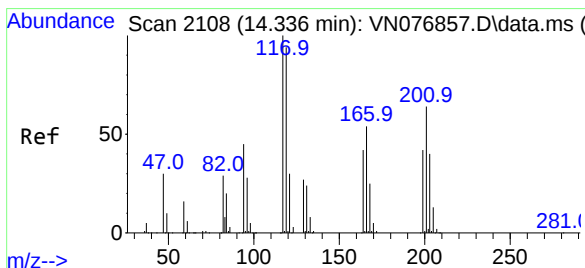
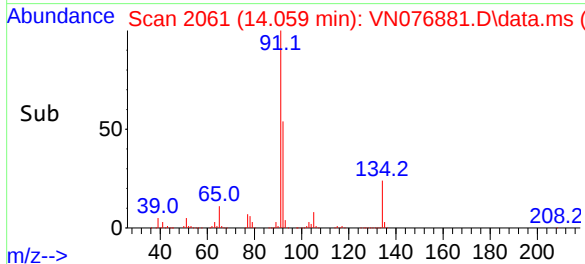
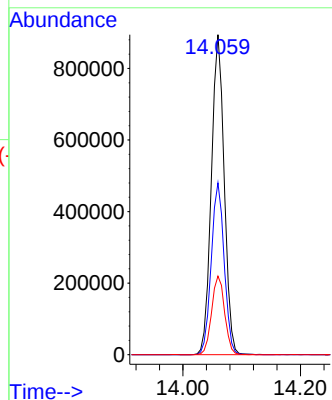
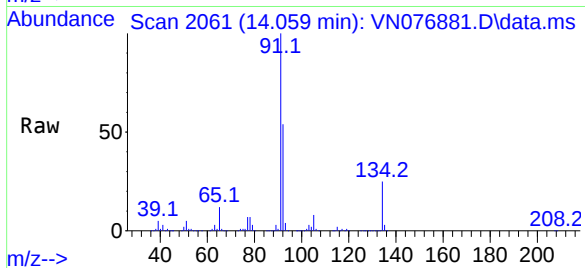
Tgt Ion: 91 Resp: 1358035

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

134 24.8 13.6 40.7



#90

Hexachloroethane

Concen: 50.212 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN076881.D

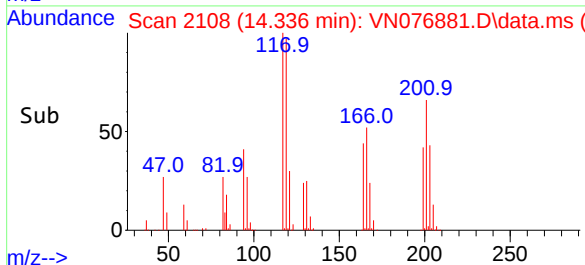
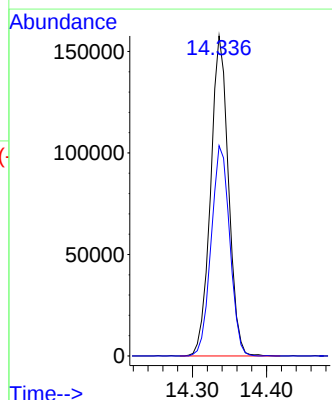
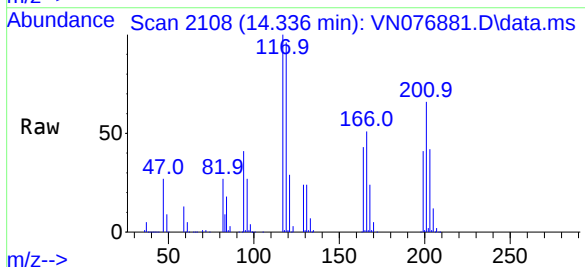
Acq: 08 Mar 2023 15:48

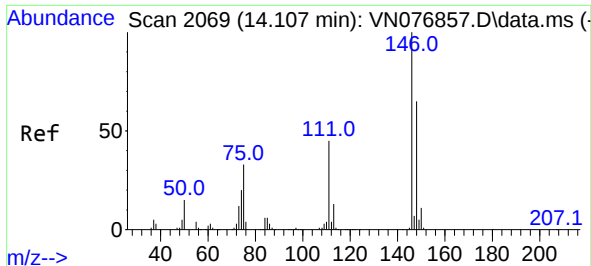
Tgt Ion: 117 Resp: 263572

Ion Ratio Lower Upper

117 100

201 68.3 31.9 95.7





#91

1,2-Dichlorobenzene

Concen: 47.620 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076881.D

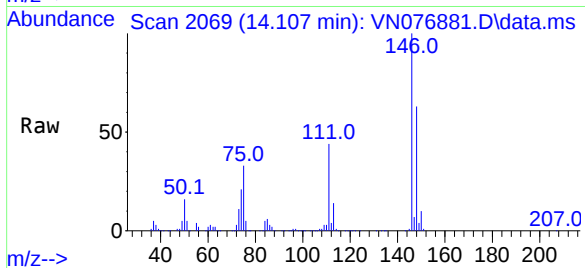
Acq: 08 Mar 2023 15:48

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC



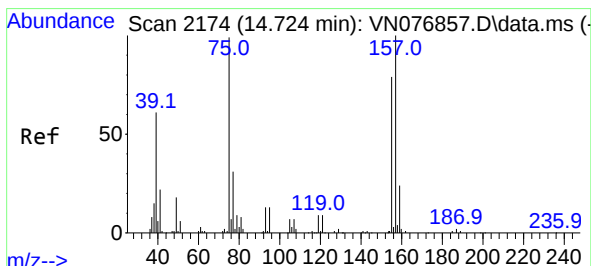
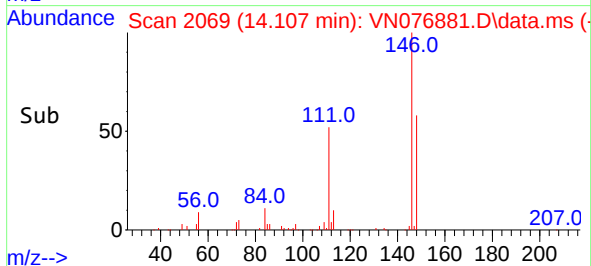
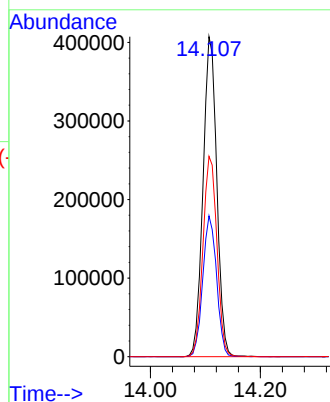
Tgt Ion:146 Resp: 707987

Ion Ratio Lower Upper

146 100

111 44.1 21.4 64.2

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.741 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

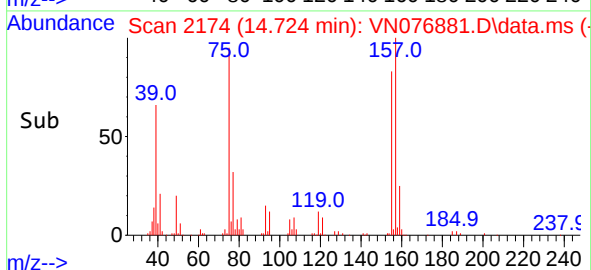
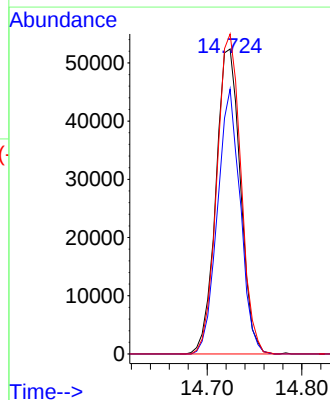
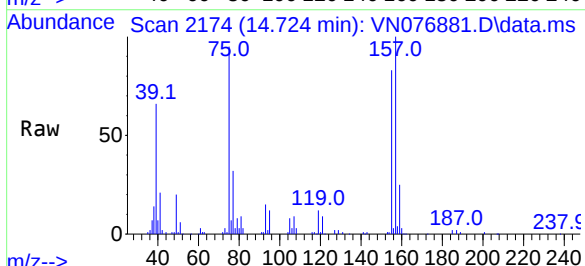
Tgt Ion: 75 Resp: 94282

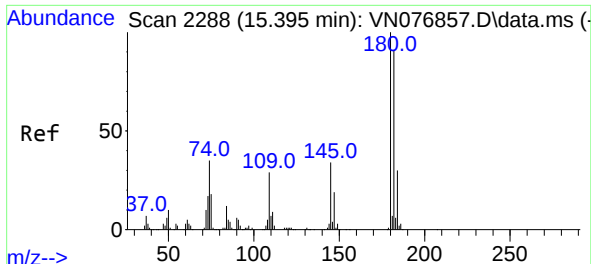
Ion Ratio Lower Upper

75 100

155 80.9 44.3 132.8

157 102.7 58.3 174.8

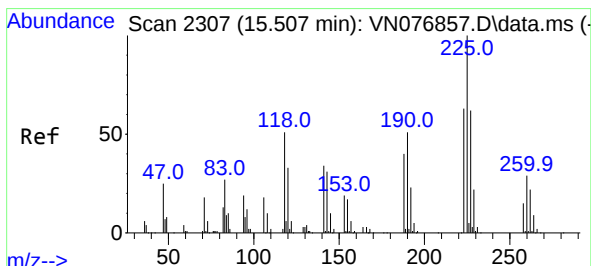
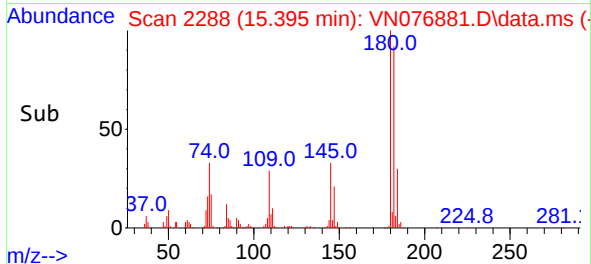
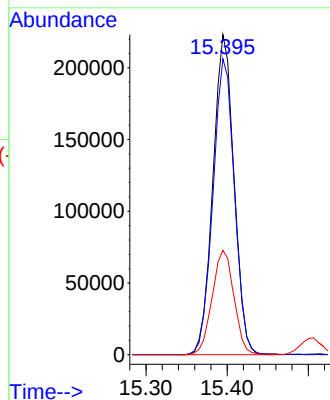
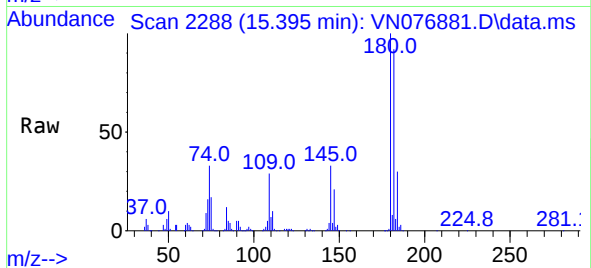




#93  
1,2,4-Trichlorobenzene  
Concen: 54.129 ug/l  
RT: 15.395 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

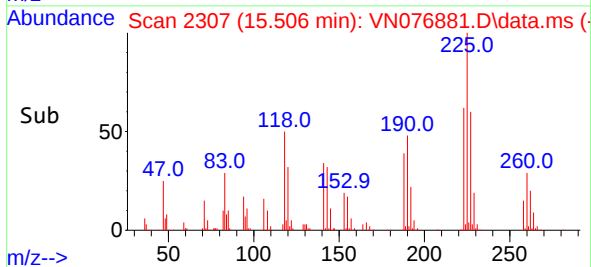
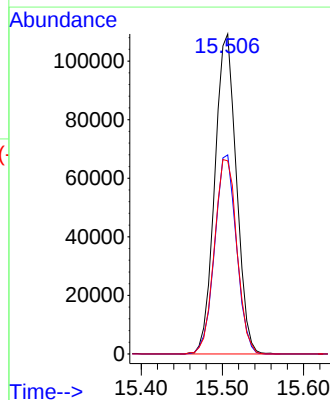
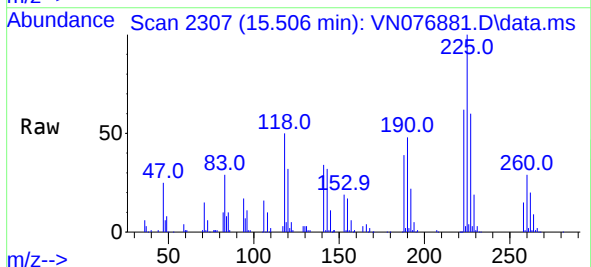
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

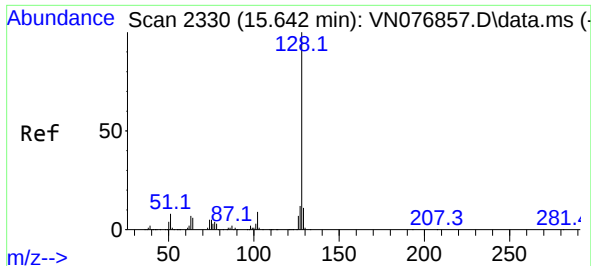
Tgt Ion:180 Resp: 402599  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.4 142.2  
145 33.6 15.8 47.3



#94  
Hexachlorobutadiene  
Concen: 52.086 ug/l  
RT: 15.506 min Scan# 2307  
Delta R.T. -0.001 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:225 Resp: 201713  
Ion Ratio Lower Upper  
225 100  
223 62.6 31.4 94.0  
227 63.5 30.9 92.7

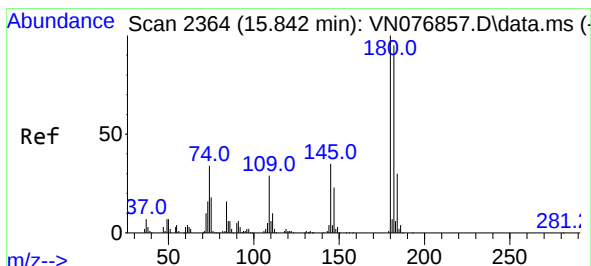
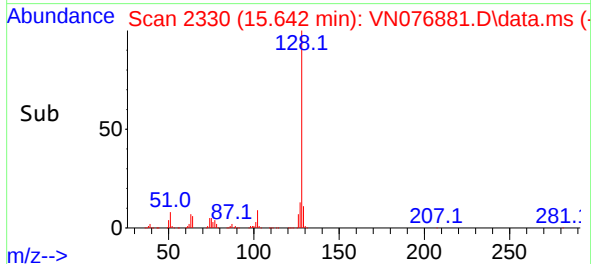
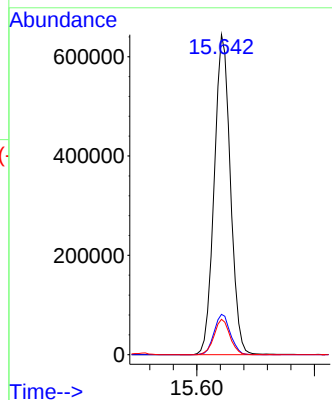
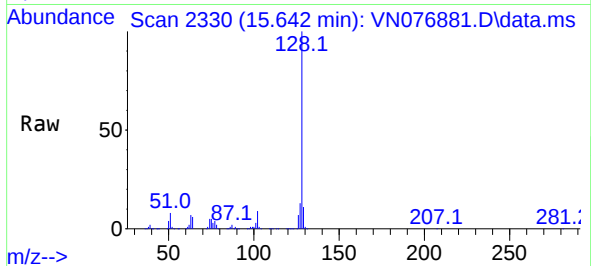




#95  
Naphthalene  
Concen: 51.605 ug/l  
RT: 15.642 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1229458  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.8 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 52.570 ug/l  
RT: 15.842 min Scan# 2364  
Delta R.T. -0.000 min  
Lab File: VN076881.D  
Acq: 08 Mar 2023 15:48

Tgt Ion:180 Resp: 384312  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.7 143.1  
145 35.1 17.0 51.0

