

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101722\  
 Data File : VN074928.D  
 Acq On : 17 Oct 2022 20:33  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Oct 18 03:37:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101722W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 17 16:03:54 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 335019   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 594632   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 681224   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 394492   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 416708   | 47.154   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 94.300%  |
| 35) Dibromofluoromethane    | 8.177  | 113   | 328136   | 49.081   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.160%  |
| 50) Toluene-d8              | 10.571 | 98    | 1397151  | 50.396   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.800% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 436577   | 54.203   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 108.400% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.148 | 85  | 287347  | 45.202  | ug/l   | 95  |
| 3) Chloromethane             | 2.389 | 50  | 402224  | 47.018  | ug/l   | 100 |
| 4) Vinyl Chloride            | 2.536 | 62  | 609911  | 43.884  | ug/l   | 94  |
| 5) Bromomethane              | 2.930 | 94  | 520383  | 53.957  | ug/l   | 99  |
| 6) Chloroethane              | 3.118 | 64  | 486448  | 45.588  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 439735  | 45.340  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.983 | 74  | 202267  | 46.893  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 4.389 | 101 | 264821  | 46.975  | ug/l   | 94  |
| 10) Methyl Iodide            | 4.612 | 142 | 358792  | 47.276  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.559 | 59  | 458833  | 238.580 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.359 | 96  | 258135  | 46.104  | ug/l   | 85  |
| 13) Acrolein                 | 4.206 | 56  | 414807  | 218.879 | ug/l   | 100 |
| 14) Allyl chloride           | 5.053 | 41  | 472603  | 43.586  | ug/l   | 94  |
| 15) Acrylonitrile            | 5.747 | 53  | 1183787 | 235.424 | ug/l   | 100 |
| 16) Acetone                  | 4.453 | 43  | 933580  | 224.701 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.730 | 76  | 613721  | 43.181  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.053 | 43  | 676918  | 44.549  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.824 | 73  | 1070981 | 48.842  | ug/l   | 96  |
| 20) Methylene Chloride       | 5.300 | 84  | 331191  | 45.493  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 5.806 | 96  | 279555  | 44.280  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.694 | 45  | 1203481 | 48.902  | ug/l   | 96  |
| 23) Vinyl Acetate            | 6.624 | 43  | 4406765 | 252.447 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 632365  | 47.575  | ug/l   | 95  |
| 25) 2-Butanone               | 7.500 | 43  | 1593837 | 230.373 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 456819  | 42.027  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 369131  | 46.874  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.824 | 49  | 321414  | 49.599  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 1113433 | 236.348 | ug/l   | 99  |
| 30) Chloroform               | 7.977 | 83  | 619545  | 47.935  | ug/l   | 95  |
| 31) Cyclohexane              | 8.265 | 56  | 530379  | 46.403  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 526469  | 48.109  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.383 | 75  | 435853  | 49.648  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.577 | 43  | 642403  | 50.652  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 429759  | 48.365  | ug/l   | 90  |
| 39) Methylcyclohexane        | 9.606 | 83  | 532389  | 49.210  | ug/l   | 97  |
| 40) Benzene                  | 8.618 | 78  | 1440668 | 49.690  | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101722\  
 Data File : VN074928.D  
 Acq On : 17 Oct 2022 20:33  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 18 03:37:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101722W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 17 16:03:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.794  | 41   | 330087   | 46.277   | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.683  | 62   | 488249   | 48.665   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.700  | 43   | 1029403  | 49.005   | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 297015   | 47.956   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 391081   | 48.701   | ug/l   | 96       |
| 46) Dibromomethane            | 9.718  | 93   | 255211   | 49.635   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 507337   | 52.707   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.612  | 41   | 471195   | 48.940   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 190107   | 1047.230 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 3462949  | 254.535  | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 922224   | 51.935   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 577628   | 53.044   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 583562   | 49.608   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 376420   | 50.243   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.877 | 69   | 628048   | 52.325   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 667355   | 50.182   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 1349923  | 224.264  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.200 | 43   | 2557994  | 250.958  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.365 | 129  | 375389   | 52.944   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 374174   | 50.844   | ug/l   | 95       |
| 64) Tetrachloroethene         | 11.106 | 164  | 243163   | 48.255   | ug/l   | 89       |
| 65) Chlorobenzene             | 11.894 | 112  | 913272   | 46.685   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 349891   | 50.406   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1805116  | 50.745   | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 1390647  | 104.634  | ug/l   | 100      |
| 69) o-Xylene                  | 12.400 | 106  | 685832   | 50.808   | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 1147484  | 54.071   | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 263411   | 51.541   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 1827519  | 48.635   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.494 | 43   | 953530   | 45.905   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 625237   | 43.573   | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 778114   | 69.786   | ug/l   | 65       |
| 77) Bromobenzene              | 12.982 | 156  | 360504   | 43.938   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 2147283  | 49.232   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 1215486  | 44.934   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 1494930  | 48.459   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 212200   | 45.746   | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 1133975  | 47.709   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 1304812  | 46.217   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 1443888  | 48.769   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.618 | 105  | 1891423  | 48.902   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 1465905  | 49.958   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 662218   | 48.822   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 636598   | 44.423   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 1217783  | 49.863   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.335 | 117  | 284090   | 46.895   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 634805   | 46.857   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 102829   | 44.077   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 298964   | 47.149   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 138114   | 45.636   | ug/l   | 96       |
| 95) Naphthalene               | 15.641 | 128  | 1220899  | 44.656   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 303939   | 45.924   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN101722\  
Data File : VN074928.D  
Acq On : 17 Oct 2022 20:33  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

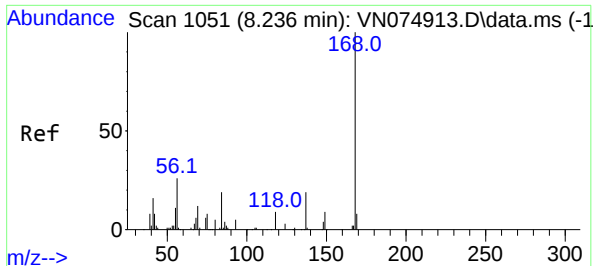
Quant Time: Oct 18 03:37:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101722W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 17 16:03:54 2022  
Response via : Initial Calibration

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

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

Quant Time: Oct 18 03:37:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N101722W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 17 16:03:54 2022  
Response via : Initial Calibration

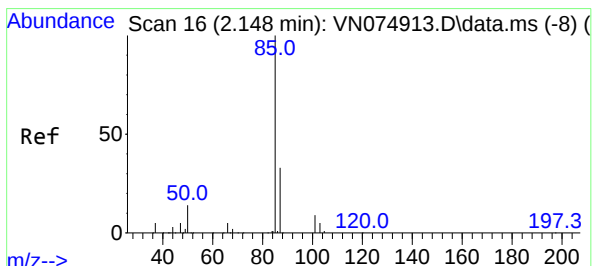
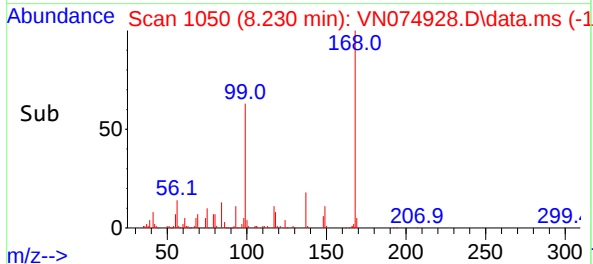
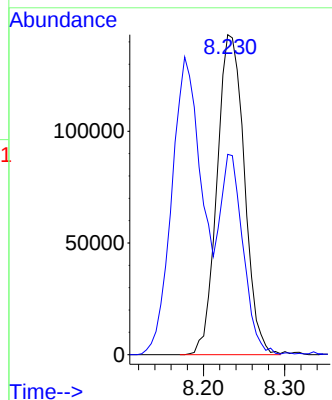
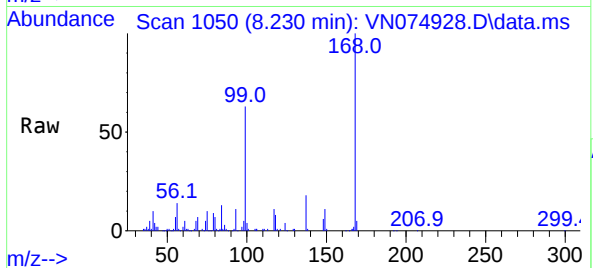




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

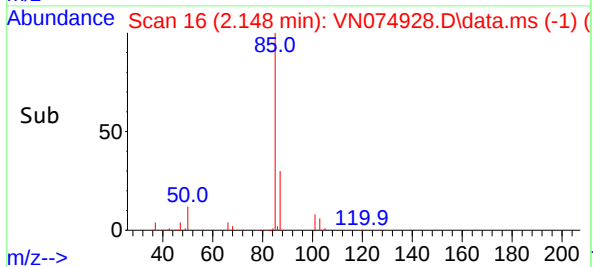
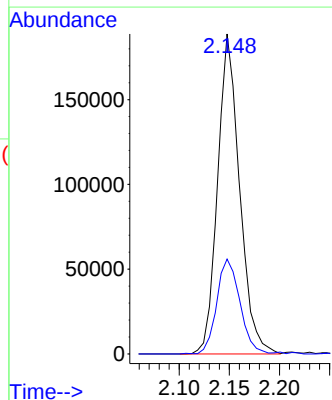
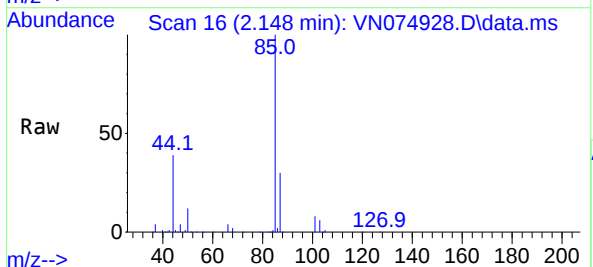
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

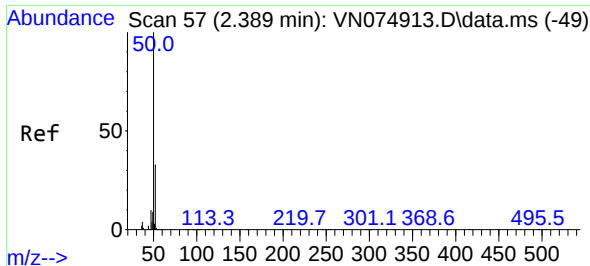
Tgt Ion:168 Resp: 335019  
Ion Ratio Lower Upper  
168 100  
99 62.4 47.6 71.4



#2  
Dichlorodifluoromethane  
Concen: 45.202 ug/l  
RT: 2.148 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 85 Resp: 287347  
Ion Ratio Lower Upper  
85 100  
87 29.6 16.4 49.1

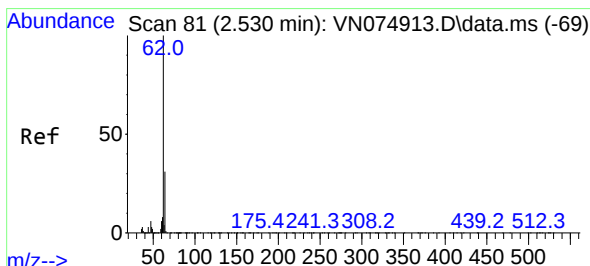
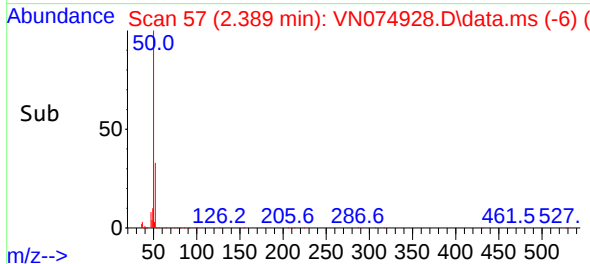
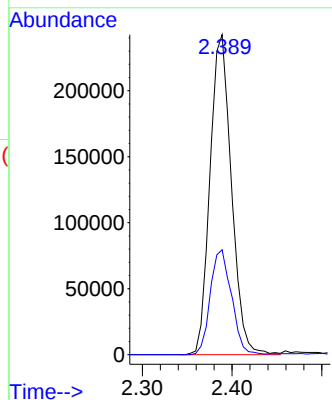
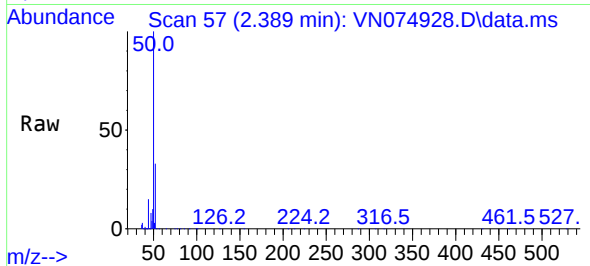




#3  
Chloromethane  
Concen: 47.018 ug/l  
RT: 2.389 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

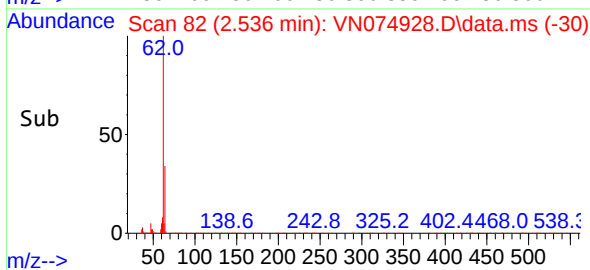
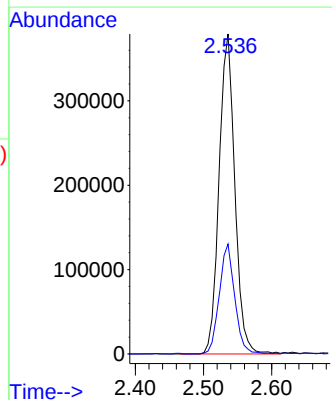
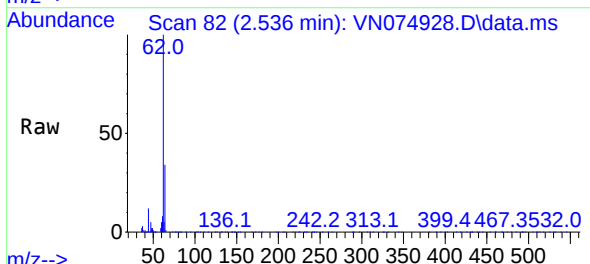
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

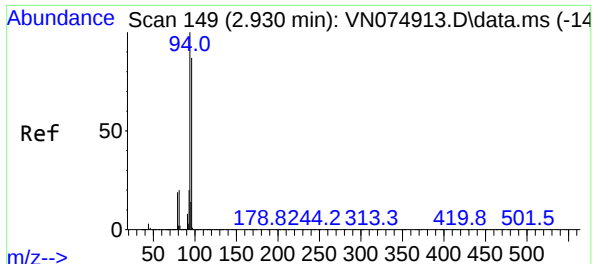
Tgt Ion: 50 Resp: 402224  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.1 39.1



#4  
Vinyl Chloride  
Concen: 43.884 ug/l  
RT: 2.536 min Scan# 82  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 62 Resp: 609911  
Ion Ratio Lower Upper  
62 100  
64 34.3 24.8 37.2

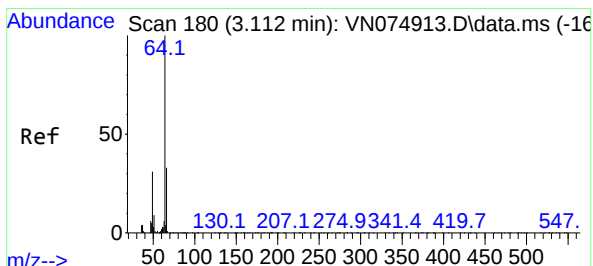
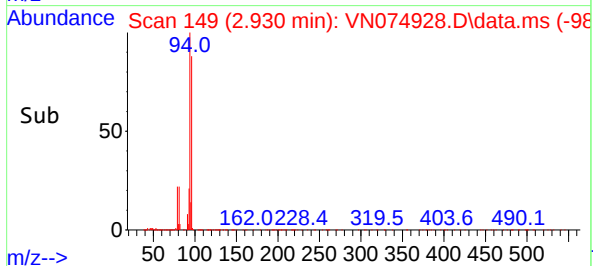
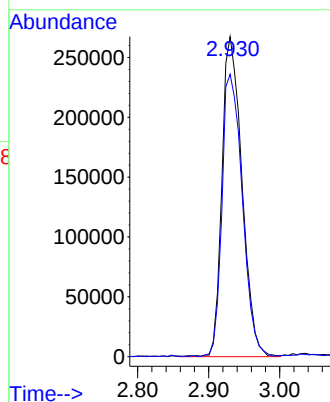
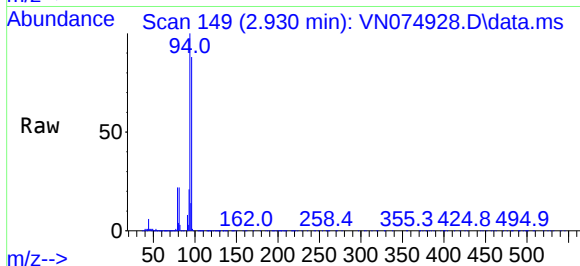




#5  
Bromomethane  
Concen: 53.957 ug/l  
RT: 2.930 min Scan# 149  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

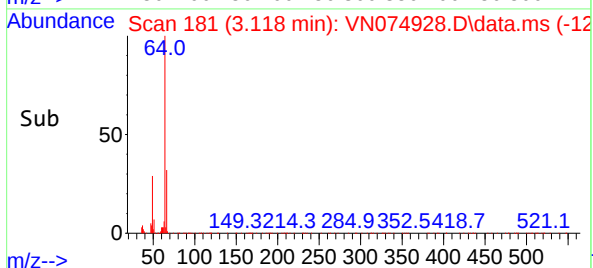
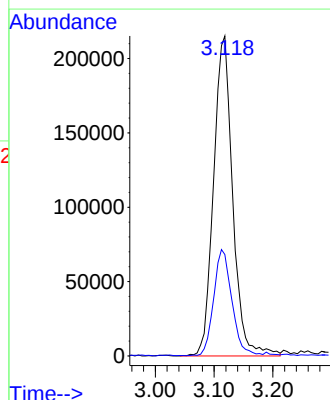
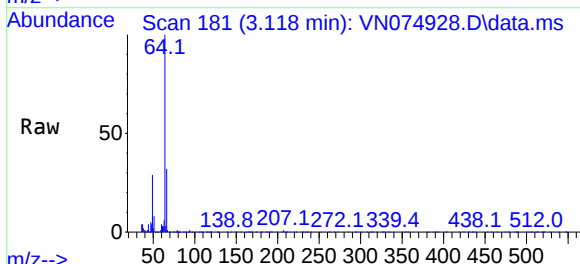
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

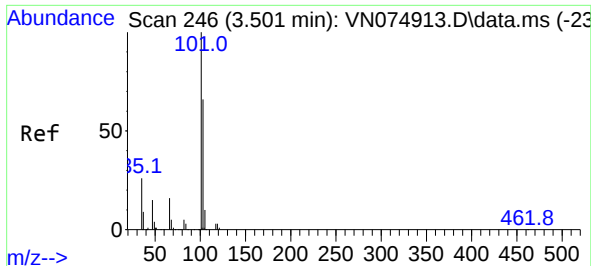
Tgt Ion: 94 Resp: 520383  
Ion Ratio Lower Upper  
94 100  
96 88.0 70.0 105.0



#6  
Chloroethane  
Concen: 45.588 ug/l  
RT: 3.118 min Scan# 181  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 64 Resp: 486448  
Ion Ratio Lower Upper  
64 100  
66 31.5 26.8 40.2

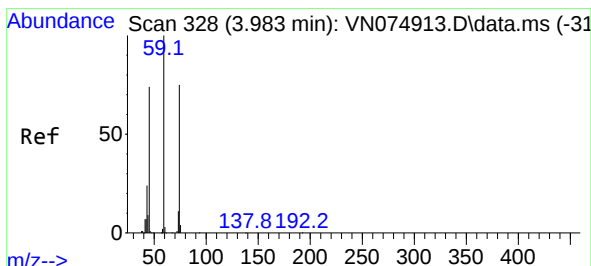
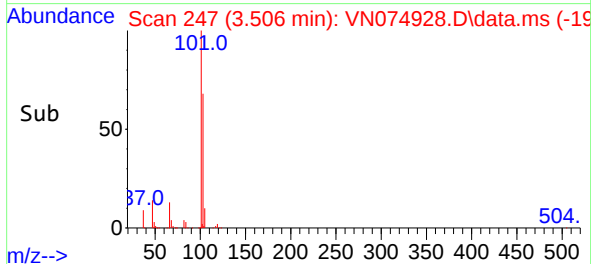
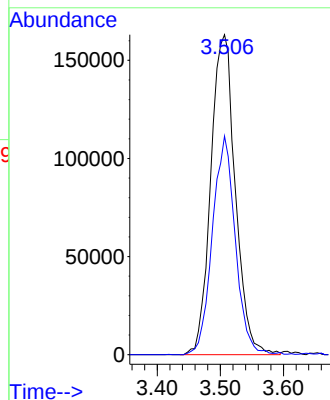
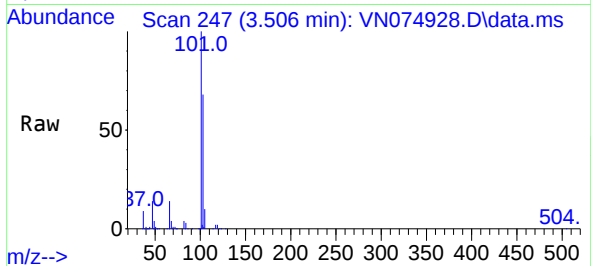




#7  
Trichlorofluoromethane  
Concen: 45.340 ug/l  
RT: 3.506 min Scan# 246  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

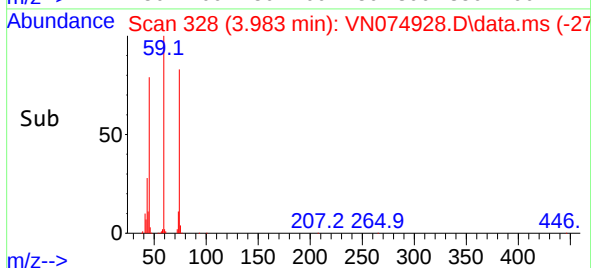
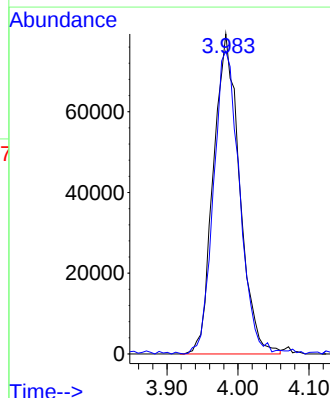
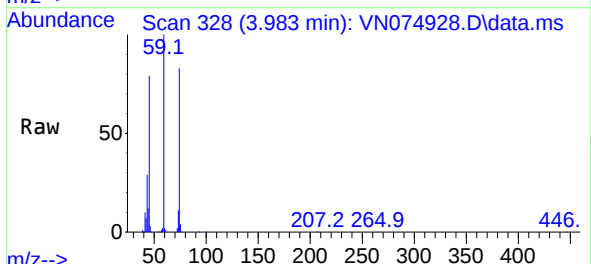
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

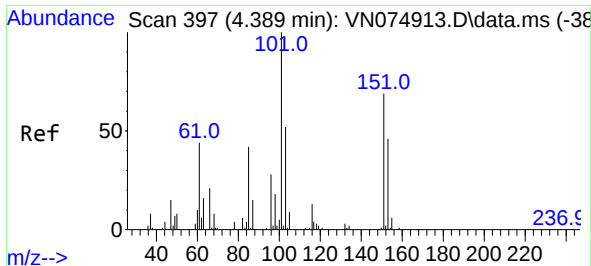
Tgt Ion:101 Resp: 439735  
Ion Ratio Lower Upper  
101 100  
103 68.3 52.9 79.3



#8  
Diethyl Ether  
Concen: 46.893 ug/l  
RT: 3.983 min Scan# 328  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 74 Resp: 202267  
Ion Ratio Lower Upper  
74 100  
45 94.4 49.4 148.2

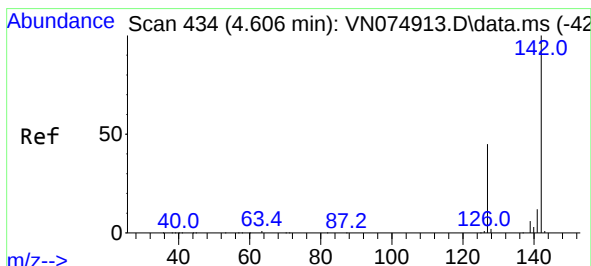
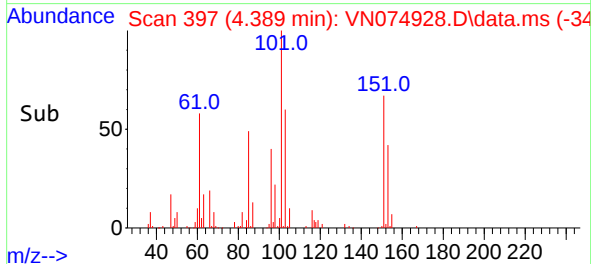
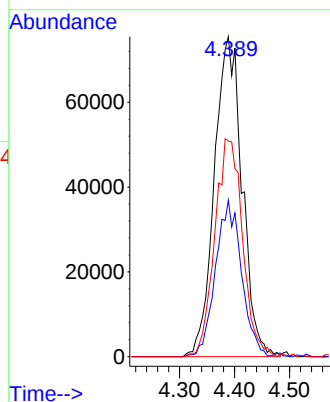
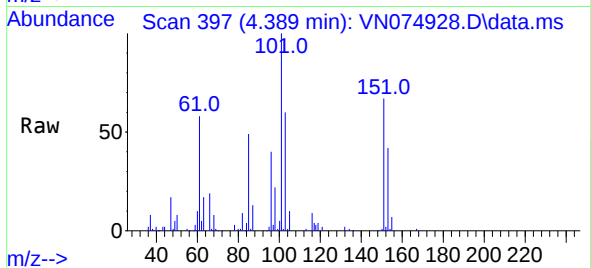




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.975 ug/l  
RT: 4.389 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

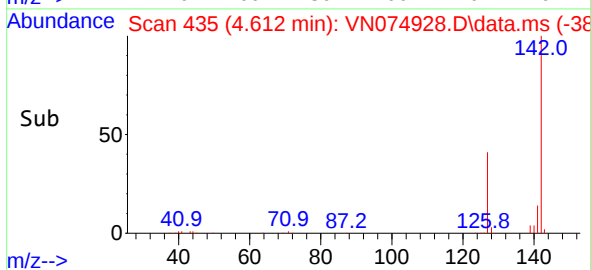
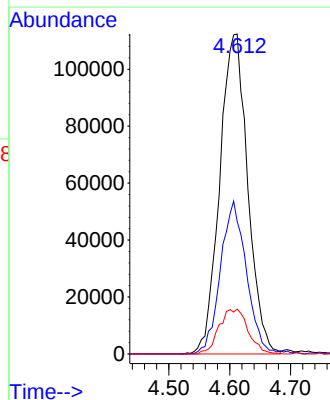
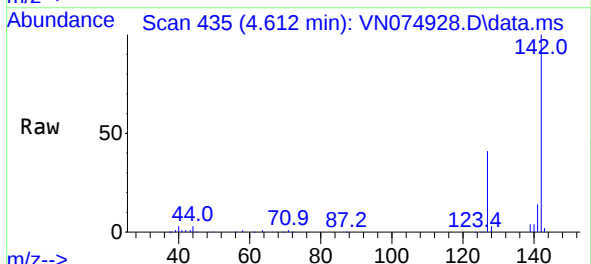
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

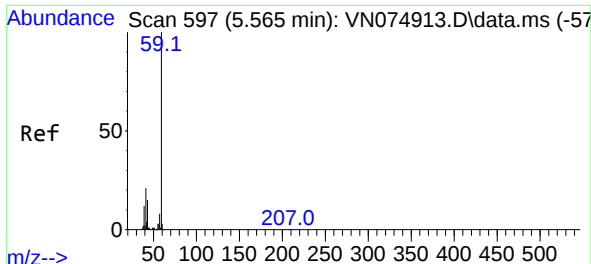
Tgt Ion:101 Resp: 264821  
Ion Ratio Lower Upper  
101 100  
85 45.7 40.6 60.8  
151 68.0 57.9 86.9



#10  
Methyl Iodide  
Concen: 47.276 ug/l  
RT: 4.612 min Scan# 435  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:142 Resp: 358792  
Ion Ratio Lower Upper  
142 100  
127 44.5 35.2 52.8  
141 14.5 11.8 17.6





#11

Tert butyl alcohol

Concen: 238.580 ug/l

RT: 5.559 min Scan# 597

Delta R.T. -0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

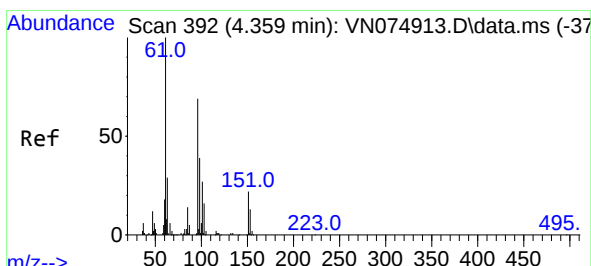
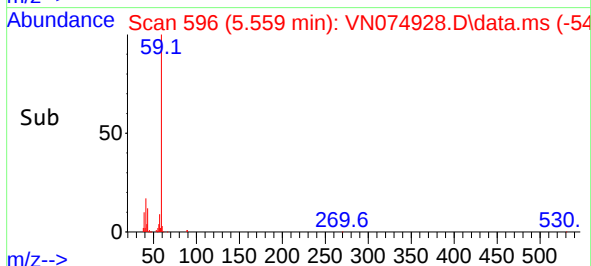
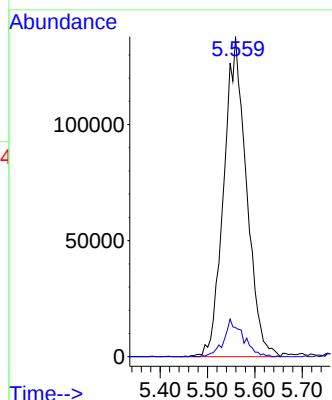
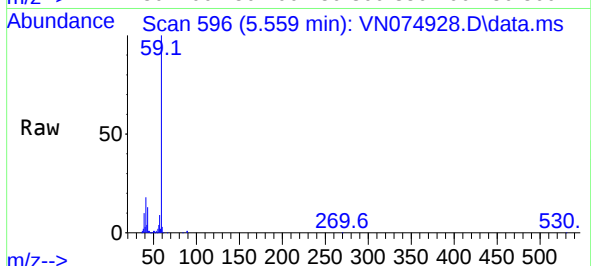
VSTDCCC050EC

Tgt Ion: 59 Resp: 458833

Ion Ratio Lower Upper

59 100

57 10.0 7.8 11.8



#12

1,1-Dichloroethene

Concen: 46.104 ug/l

RT: 4.359 min Scan# 392

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

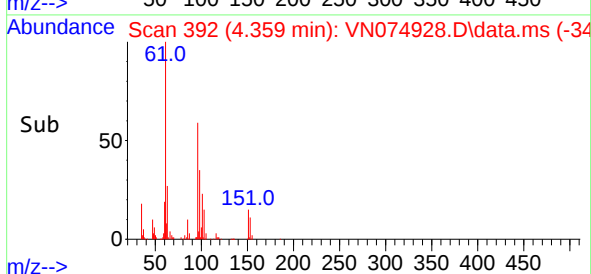
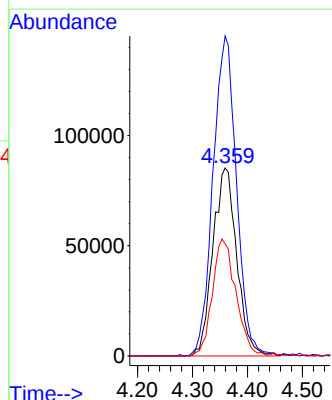
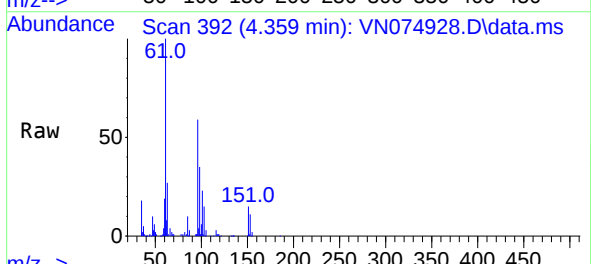
Tgt Ion: 96 Resp: 258135

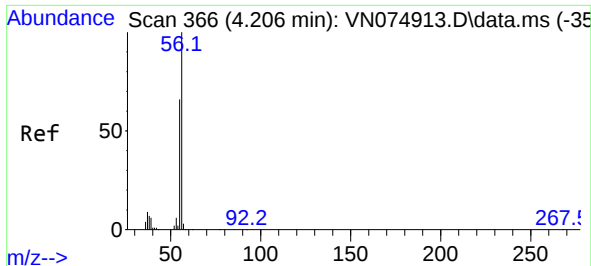
Ion Ratio Lower Upper

96 100

61 169.8 116.7 175.1

98 59.6 45.4 68.0

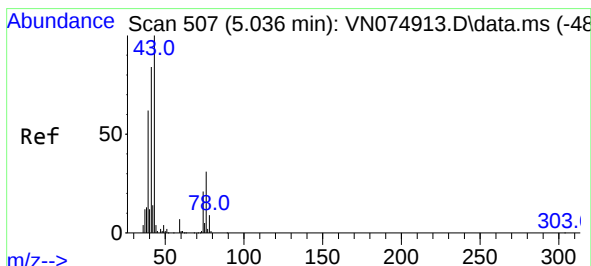
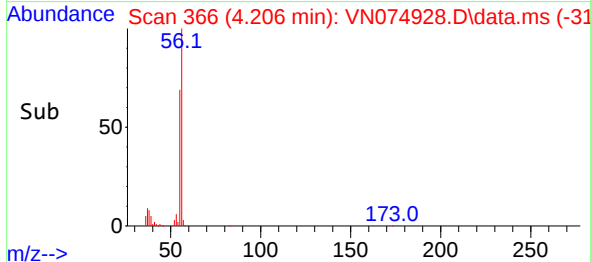
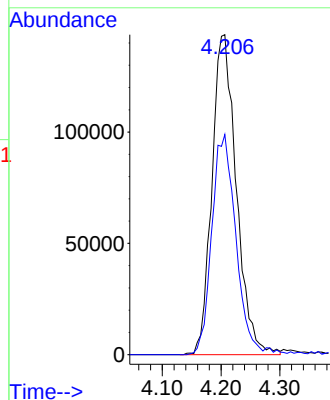
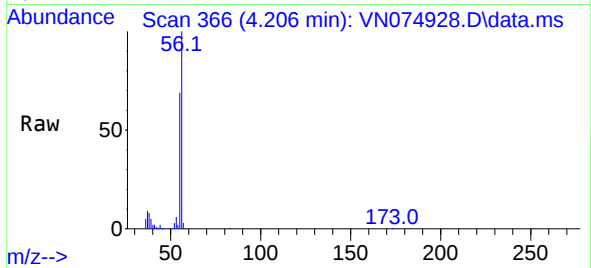




#13  
Acrolein  
Concen: 218.879 ug/l  
RT: 4.206 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

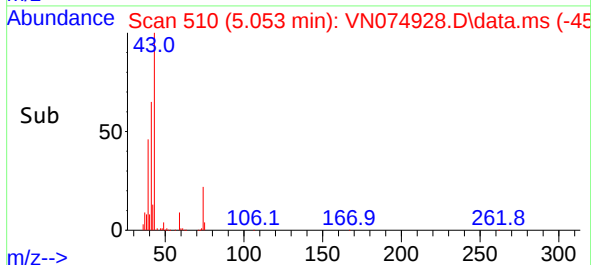
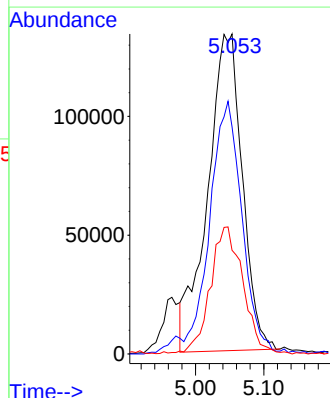
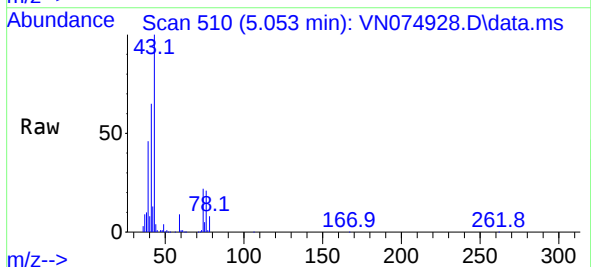
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

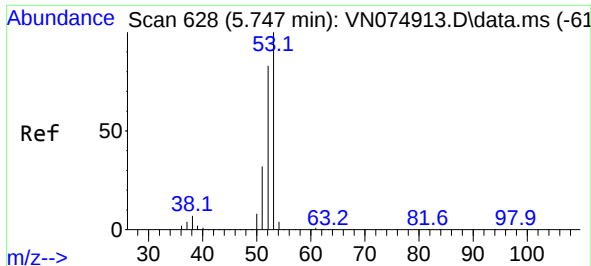
Tgt Ion: 56 Resp: 414807  
Ion Ratio Lower Upper  
56 100  
55 67.1 53.4 80.0



#14  
Allyl chloride  
Concen: 43.586 ug/l  
RT: 5.053 min Scan# 510  
Delta R.T. 0.018 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 41 Resp: 472603  
Ion Ratio Lower Upper  
41 100  
39 72.0 54.7 82.1  
76 37.7 25.5 38.3



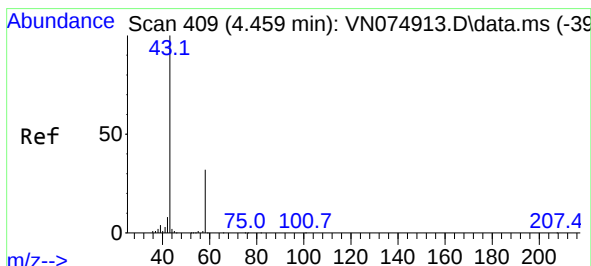
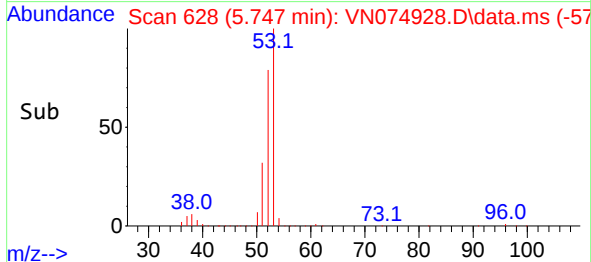
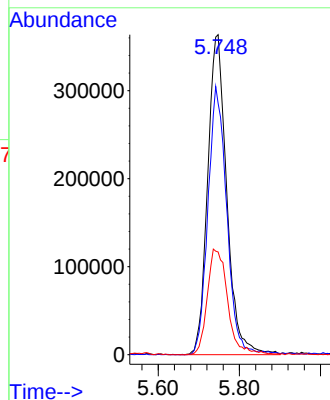
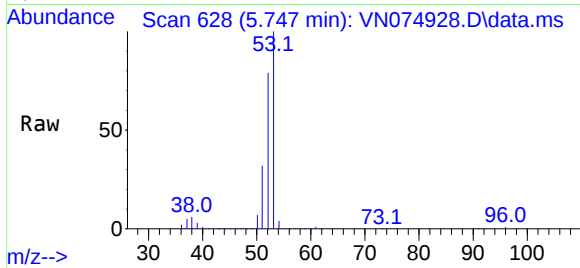


#15  
Acrylonitrile  
Concen: 235.424 ug/l  
RT: 5.747 min Scan# 613  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 53 Resp: 1183787

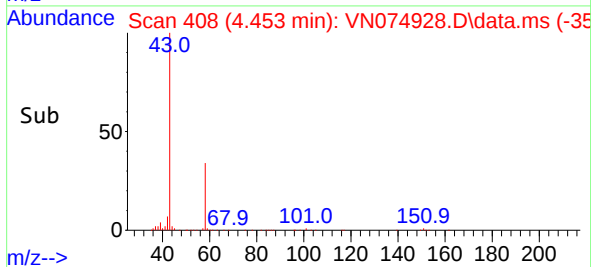
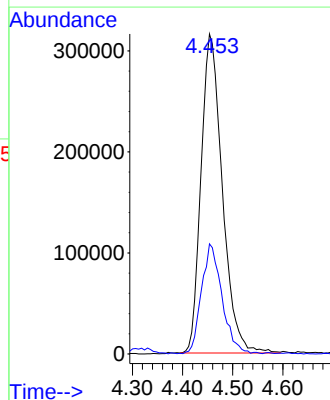
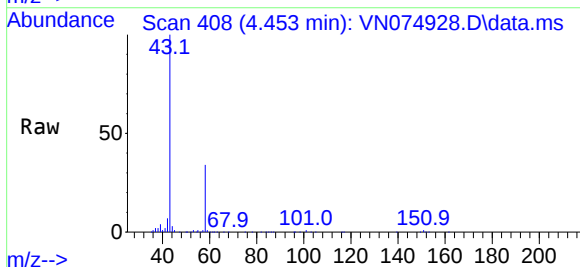
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.0  | 66.2  | 99.2  |
| 51  | 35.3  | 28.5  | 42.7  |

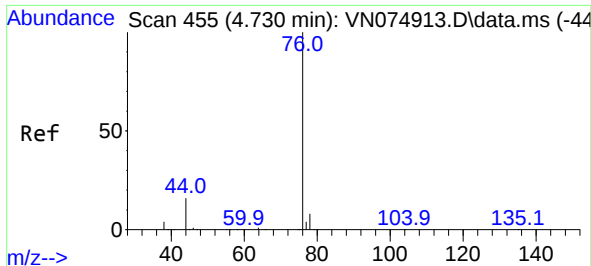


#16  
Acetone  
Concen: 224.701 ug/l  
RT: 4.453 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 43 Resp: 933580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.3  | 25.8  | 38.8  |

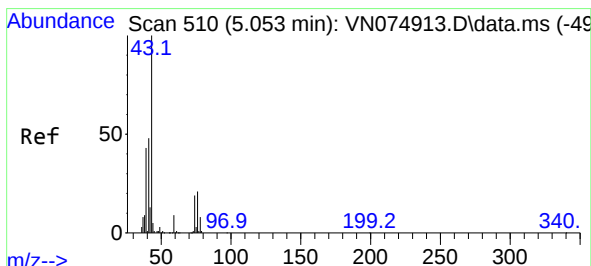
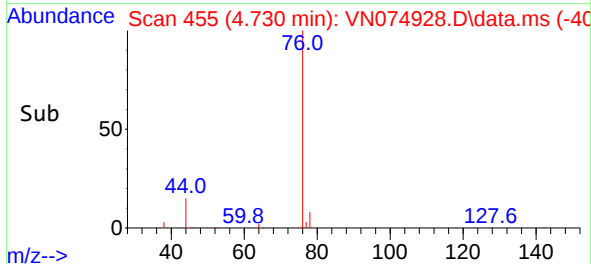
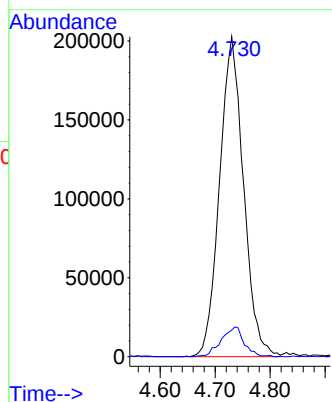
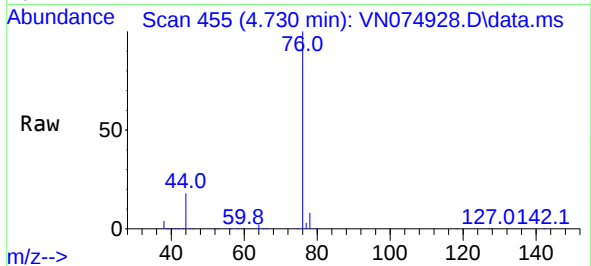




#17  
Carbon Disulfide  
Concen: 43.181 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

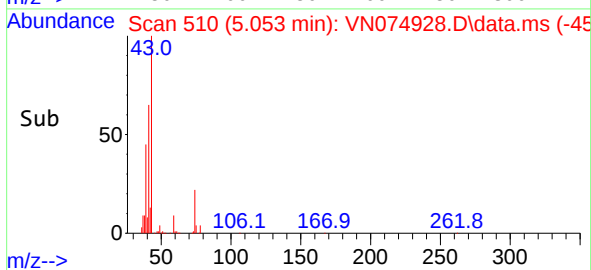
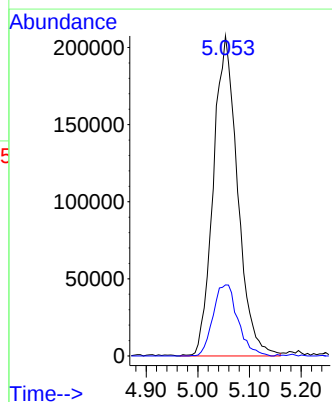
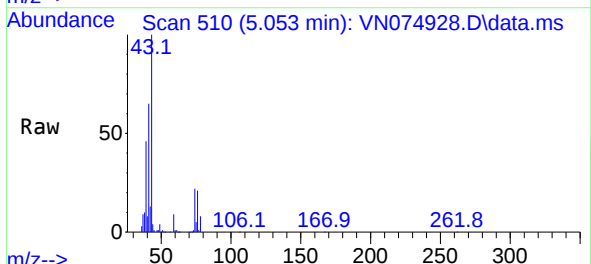
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

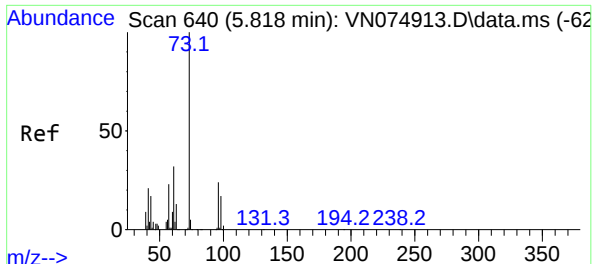
Tgt Ion: 76 Resp: 613721  
Ion Ratio Lower Upper  
76 100  
78 8.3 6.1 9.1



#18  
Methyl Acetate  
Concen: 44.549 ug/l  
RT: 5.053 min Scan# 510  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 43 Resp: 676918  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.0 25.6





#19

Methyl tert-butyl Ether

Concen: 48.842 ug/l

RT: 5.824 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

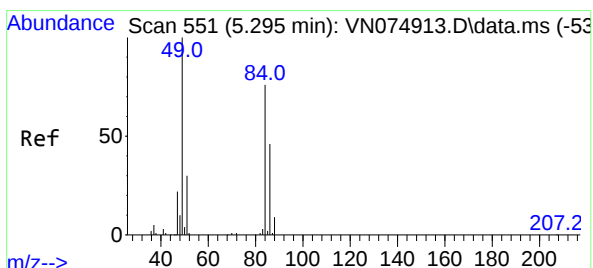
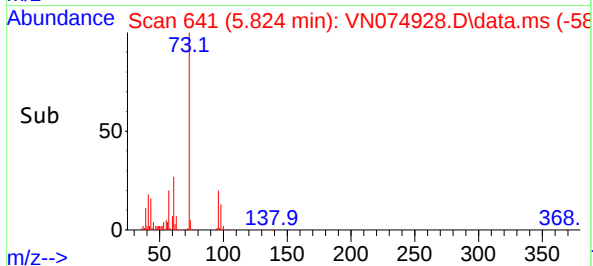
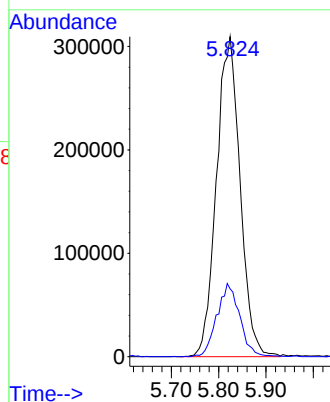
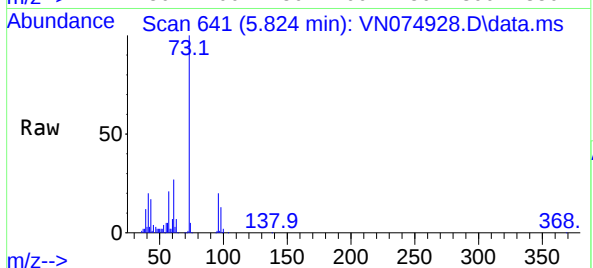
VSTDCCC050EC

Tgt Ion: 73 Resp: 1070981

Ion Ratio Lower Upper

73 100

57 21.2 18.4 27.6



#20

Methylene Chloride

Concen: 45.493 ug/l

RT: 5.300 min Scan# 552

Delta R.T. 0.005 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Tgt Ion: 84 Resp: 331191

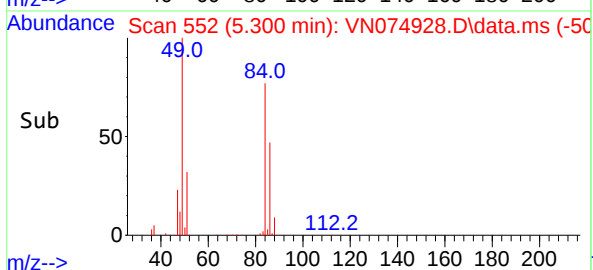
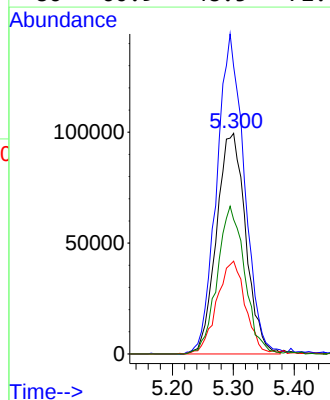
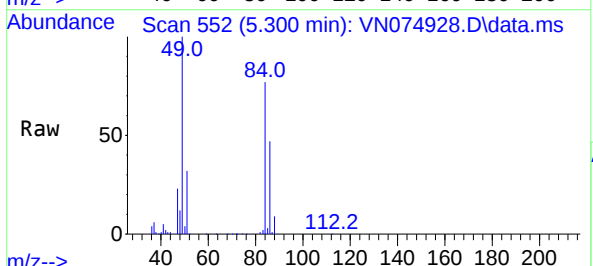
Ion Ratio Lower Upper

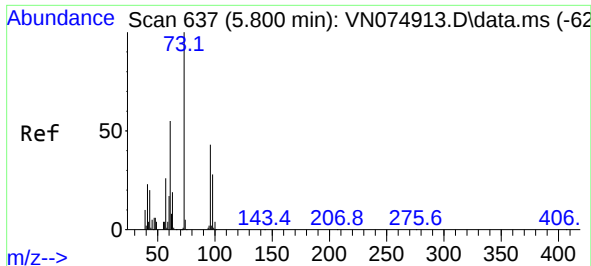
84 100

49 130.3 104.6 156.8

51 41.7 31.8 47.8

86 60.9 48.5 72.7

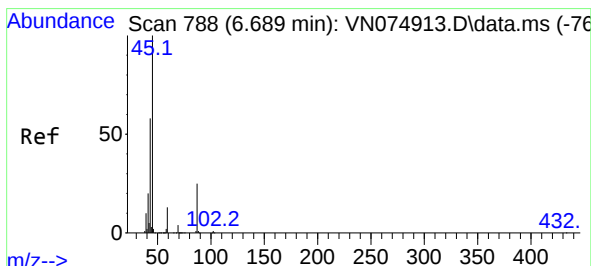
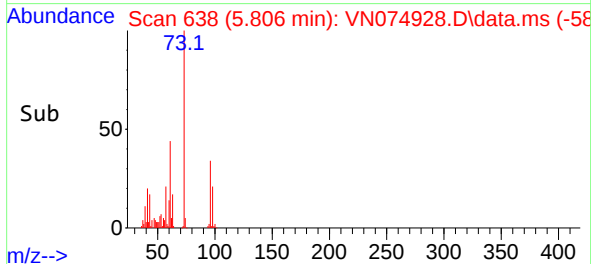
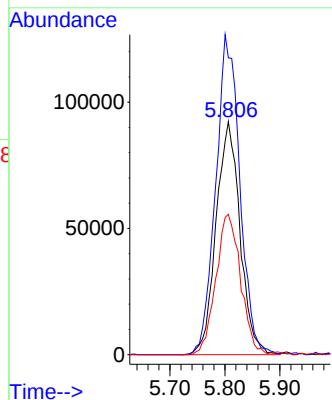
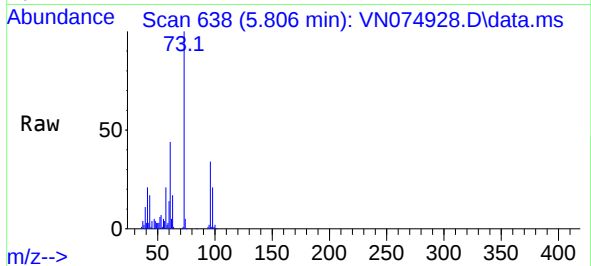




#21  
trans-1,2-Dichloroethene  
Concen: 44.280 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

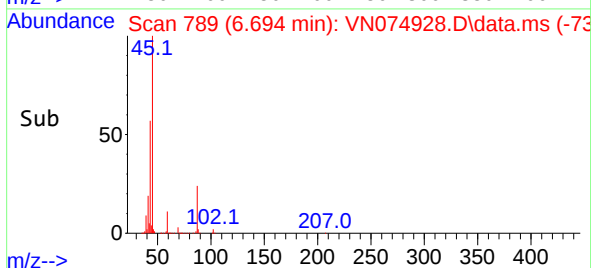
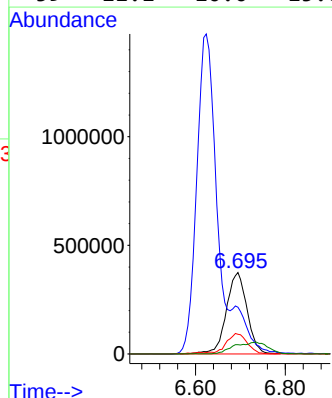
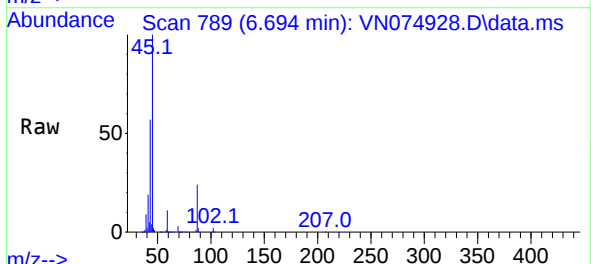
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

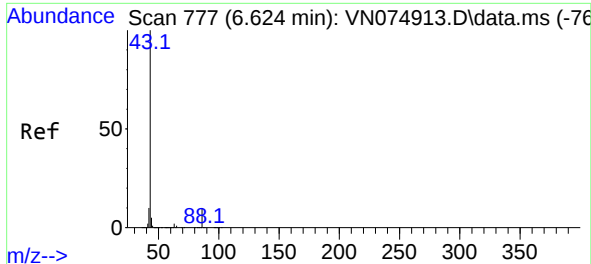
Tgt Ion: 96 Resp: 279555  
Ion Ratio Lower Upper  
96 100  
61 127.3 104.3 156.5  
98 60.2 51.9 77.9



#22  
Diisopropyl ether  
Concen: 48.902 ug/l  
RT: 6.694 min Scan# 789  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 45 Resp: 1203481  
Ion Ratio Lower Upper  
45 100  
43 55.8 47.3 70.9  
87 23.9 20.1 30.1  
59 11.1 10.0 15.0

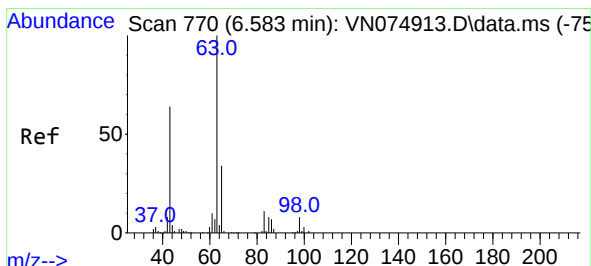
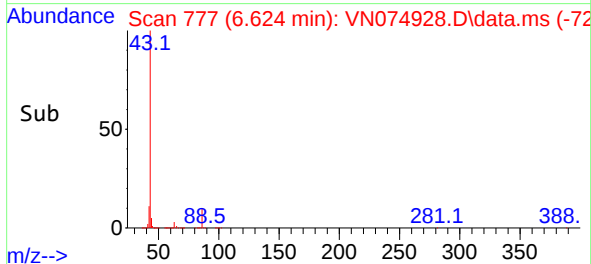
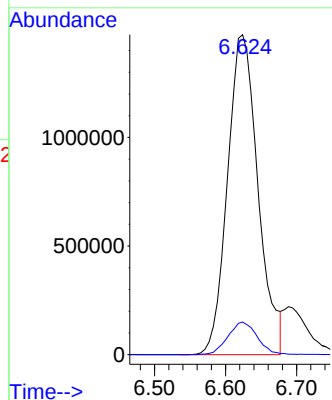
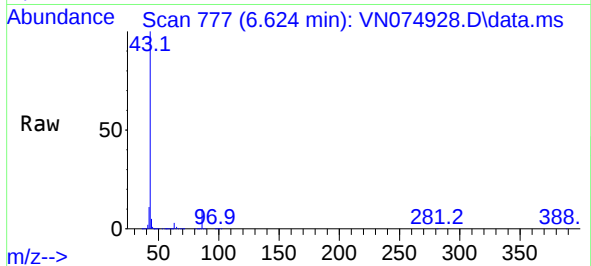




#23  
 Vinyl Acetate  
 Concen: 252.447 ug/l  
 RT: 6.624 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

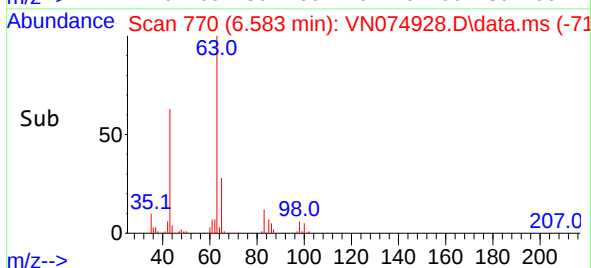
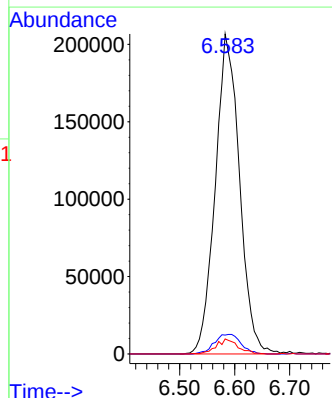
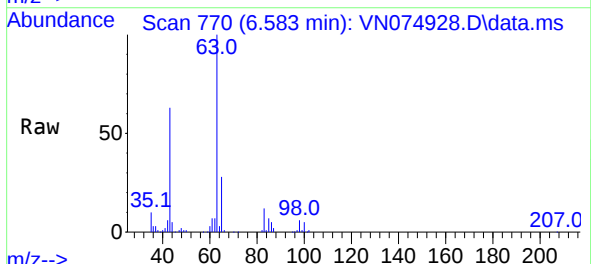
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

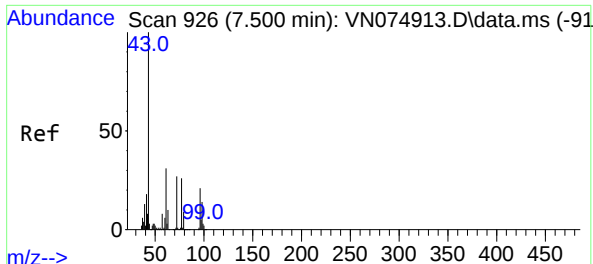
Tgt Ion: 43 Resp: 4406765  
 Ion Ratio Lower Upper  
 43 100  
 86 10.2 8.0 12.0



#24  
 1,1-Dichloroethane  
 Concen: 47.575 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. 0.000 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

Tgt Ion: 63 Resp: 632365  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 3.9 11.5  
 100 4.7 1.6 4.8

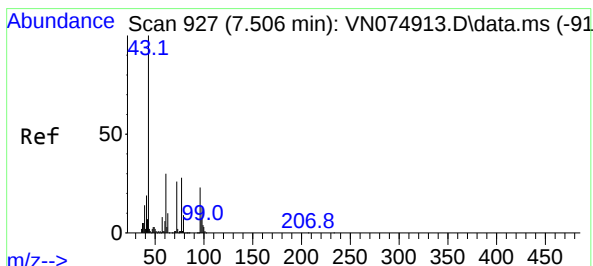
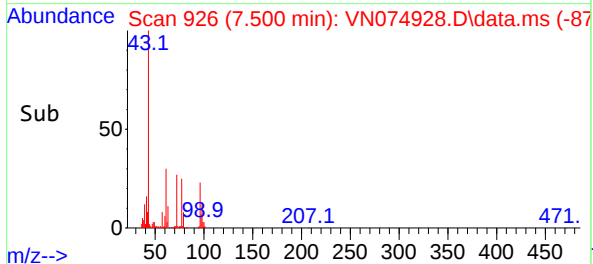
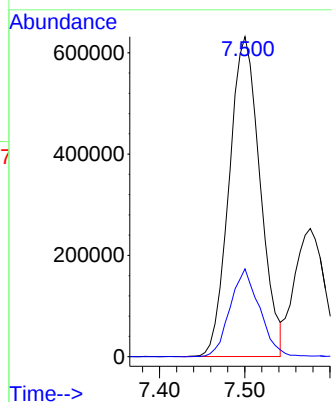
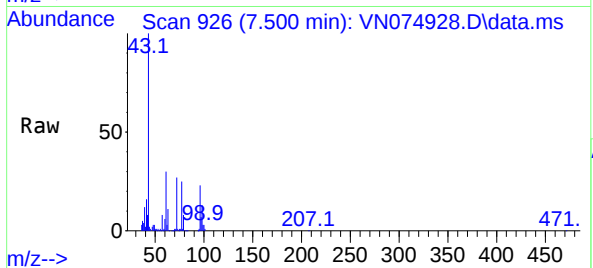




#25  
2-Butanone  
Concen: 230.373 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

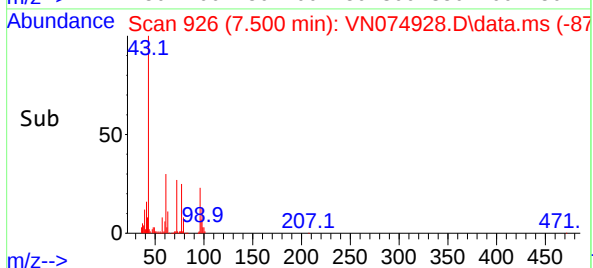
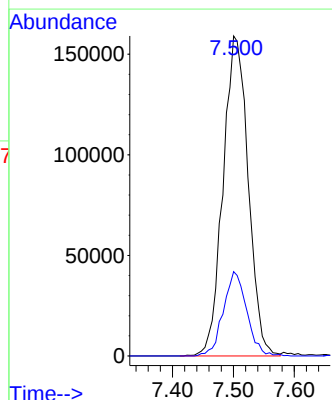
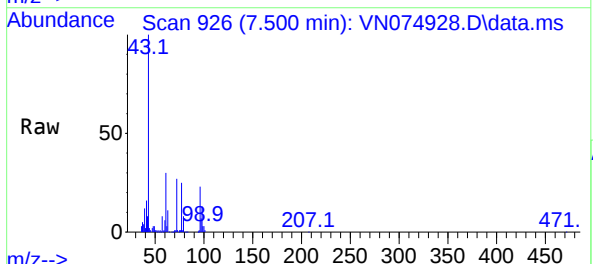
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

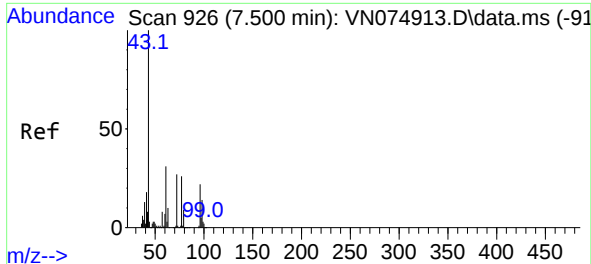
Tgt Ion: 43 Resp: 1593837  
Ion Ratio Lower Upper  
43 100  
72 27.5 21.3 31.9



#26  
2,2-Dichloropropane  
Concen: 42.027 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 77 Resp: 456819  
Ion Ratio Lower Upper  
77 100  
97 24.5 11.4 34.2

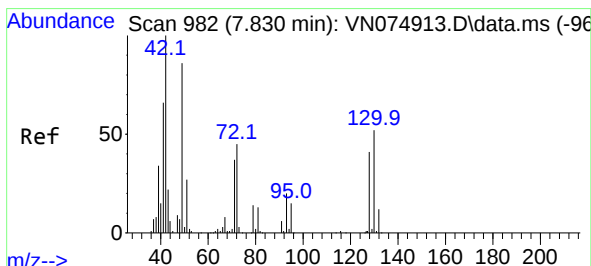
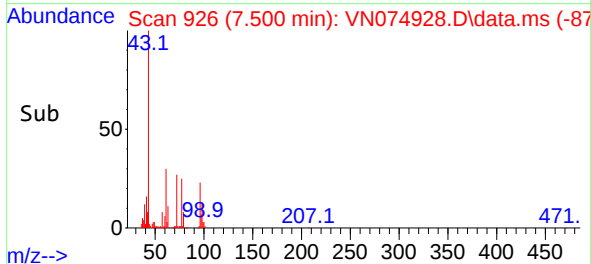
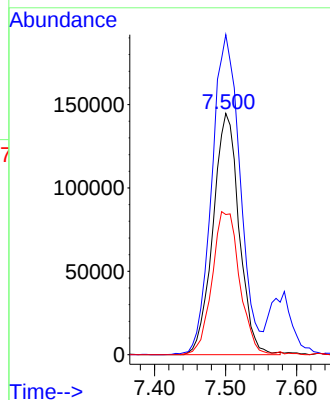
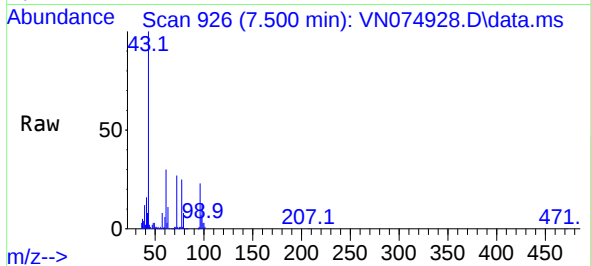




#27  
 cis-1,2-Dichloroethene  
 Concen: 46.874 ug/l  
 RT: 7.500 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

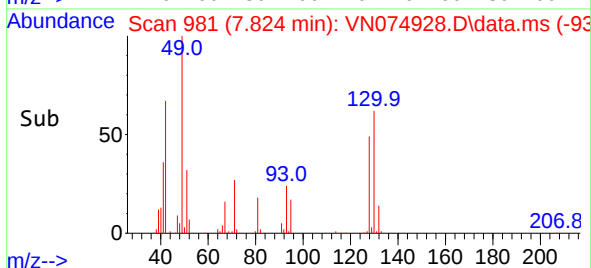
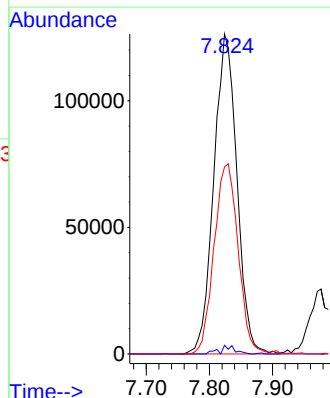
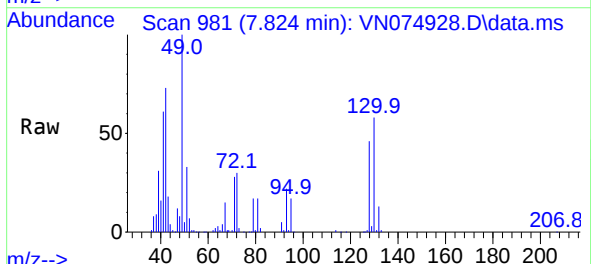
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

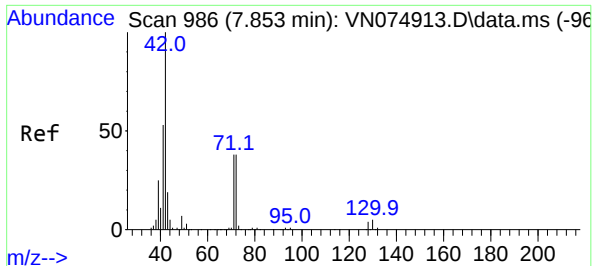
Tgt Ion: 96 Resp: 369131  
 Ion Ratio Lower Upper  
 96 100  
 61 144.1 0.0 288.6  
 98 62.3 0.0 128.0



#28  
 Bromochloromethane  
 Concen: 49.599 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. -0.006 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

Tgt Ion: 49 Resp: 321414  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 3.6  
 130 61.7 48.8 73.2



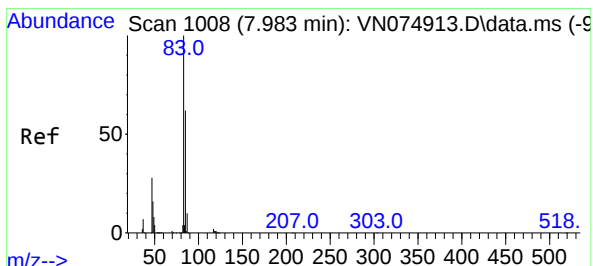
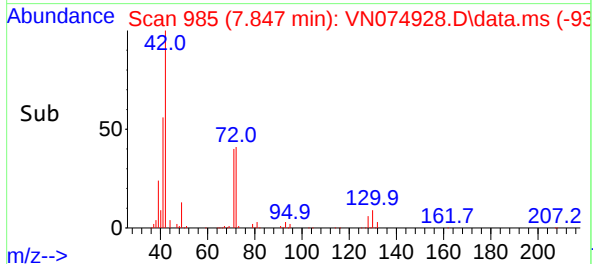
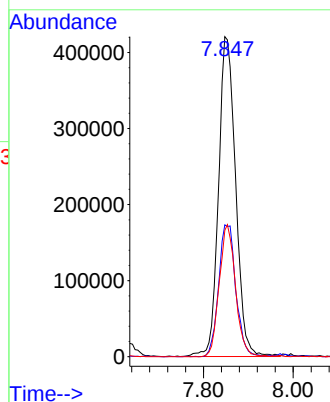
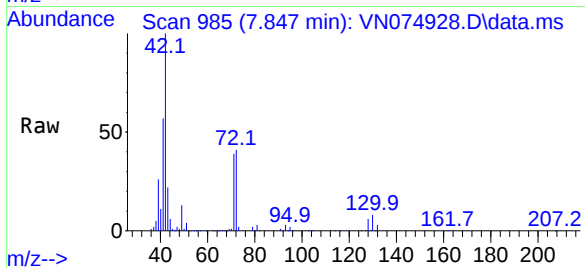


#29  
Tetrahydrofuran  
Concen: 236.348 ug/l  
RT: 7.847 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 42 Resp: 1113433

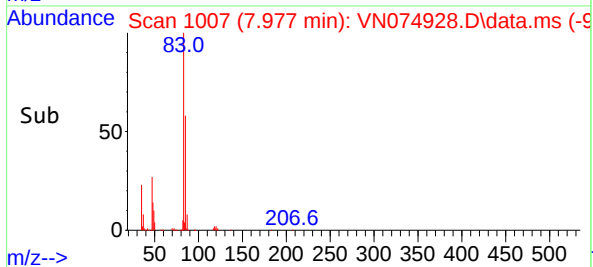
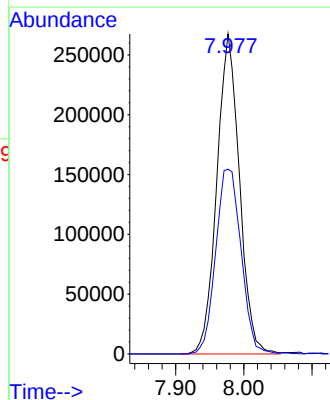
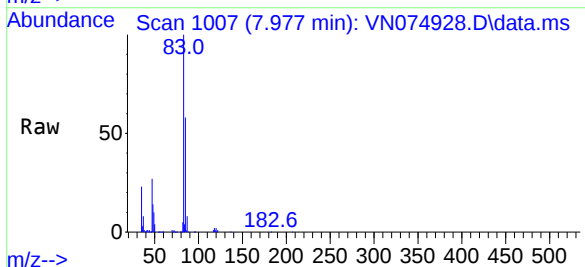
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 41.6  | 32.8  | 49.2  |
| 71  | 39.2  | 30.7  | 46.1  |

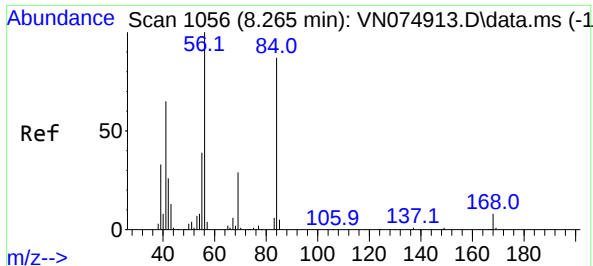


#30  
Chloroform  
Concen: 47.935 ug/l  
RT: 7.977 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 83 Resp: 619545

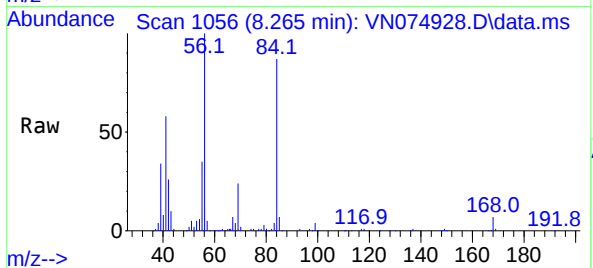
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 57.8  | 49.4  | 74.0  |



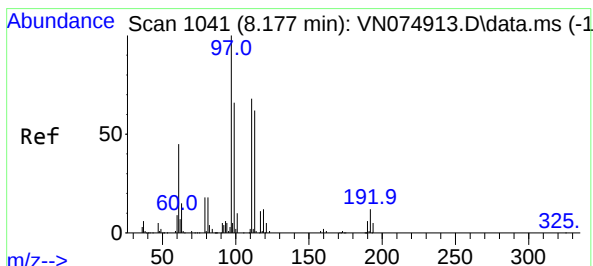
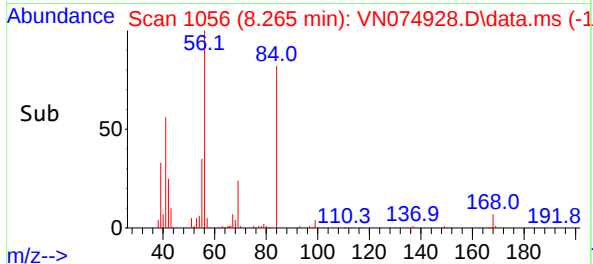
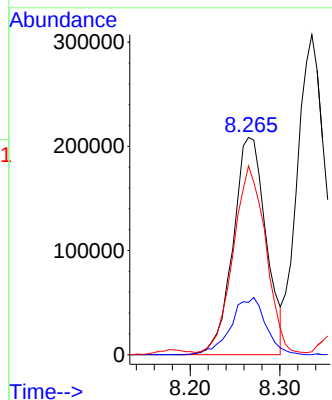


#31  
Cyclohexane  
Concen: 46.403 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

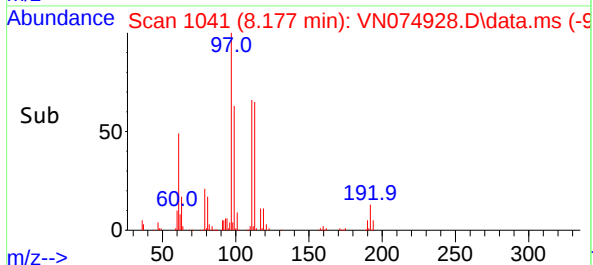
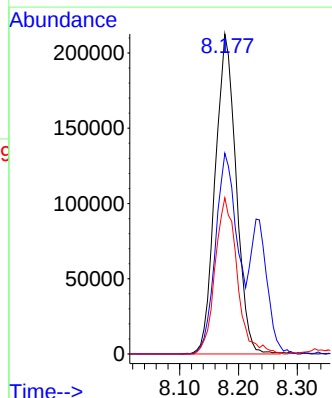
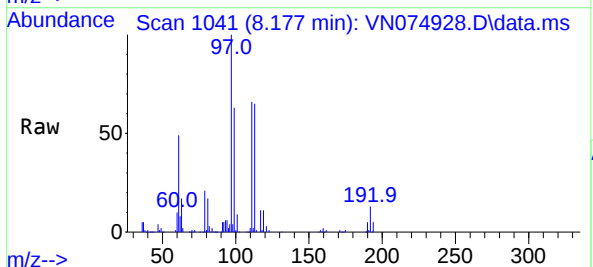


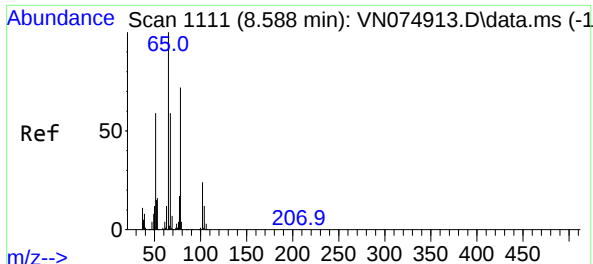
Tgt Ion: 56 Resp: 530379  
Ion Ratio Lower Upper  
56 100  
69 24.1 23.4 35.0  
84 84.9 69.9 104.9



#32  
1,1,1-Trichloroethane  
Concen: 48.109 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 97 Resp: 526469  
Ion Ratio Lower Upper  
97 100  
99 65.4 53.2 79.8  
61 51.2 39.8 59.8





#33

1,2-Dichloroethane-d4

Concen: 47.154 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

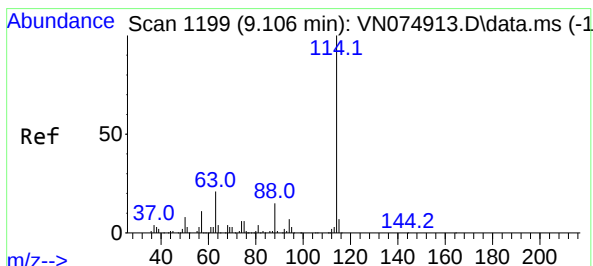
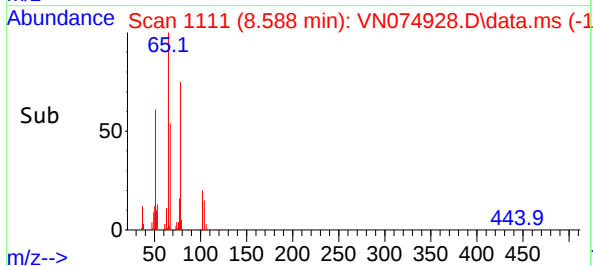
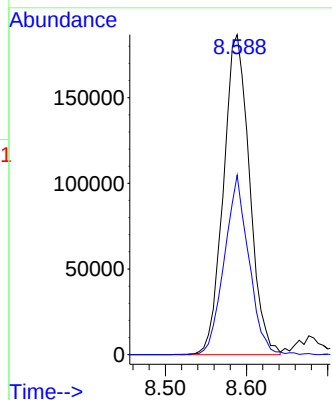
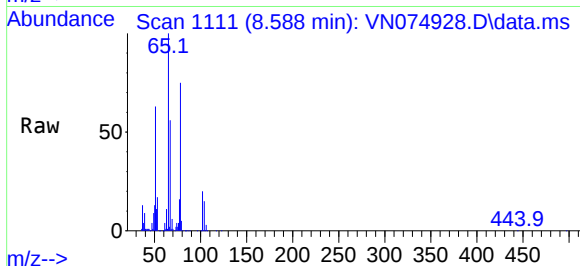
VSTDCCC050EC

Tgt Ion: 65 Resp: 416708

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

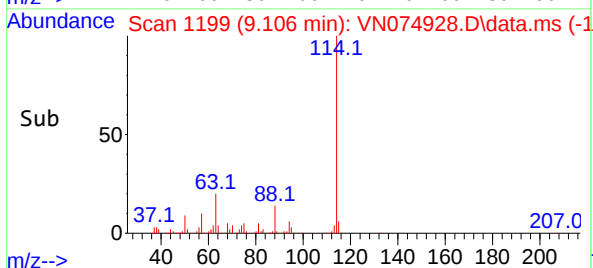
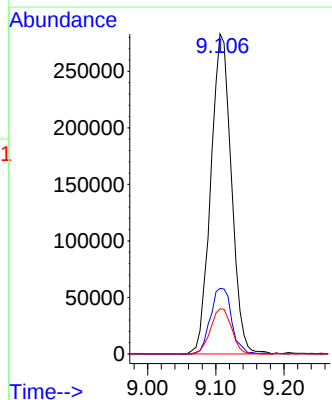
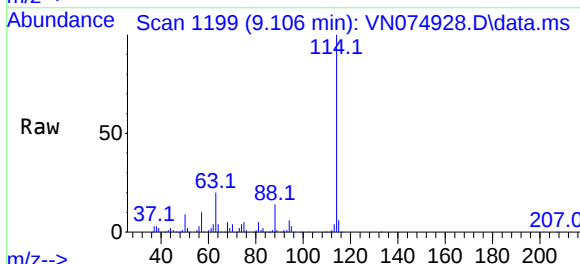
Tgt Ion: 114 Resp: 594632

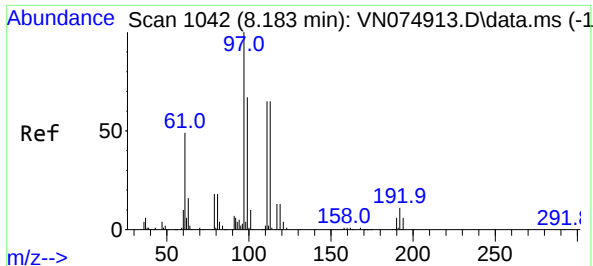
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.2

88 14.0 0.0 30.2

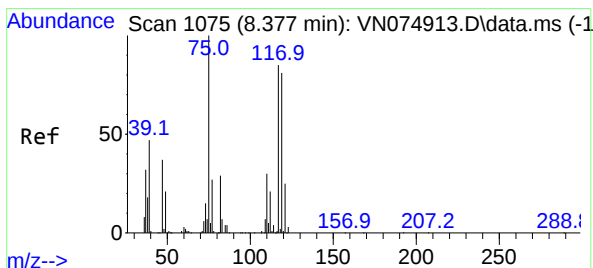
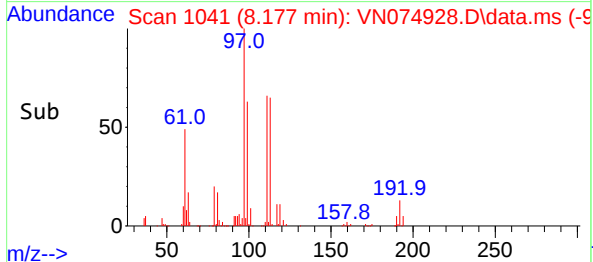
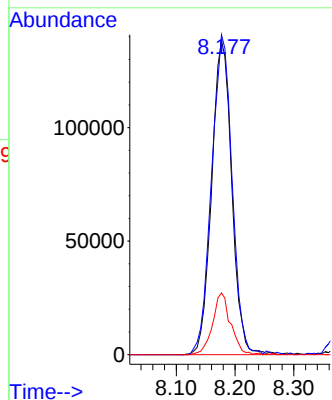
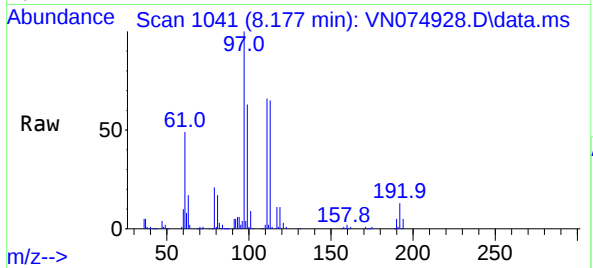




#35  
Dibromofluoromethane  
Concen: 49.081 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

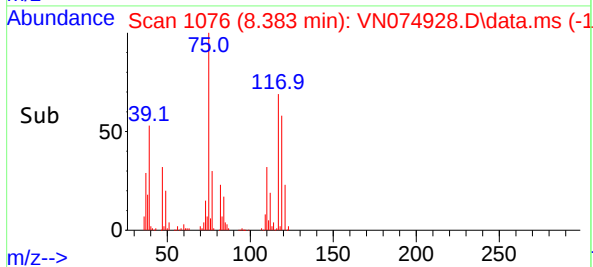
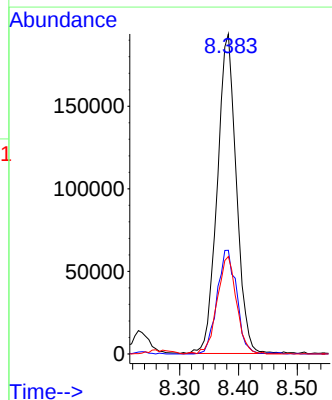
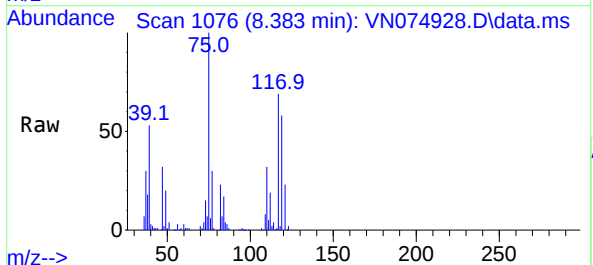
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

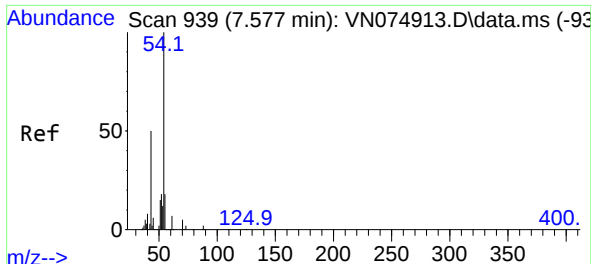
Tgt Ion:113 Resp: 328136  
Ion Ratio Lower Upper  
113 100  
111 104.0 82.9 124.3  
192 17.7 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 49.648 ug/l  
RT: 8.383 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 75 Resp: 435853  
Ion Ratio Lower Upper  
75 100  
110 33.3 16.1 48.3  
77 31.1 23.3 34.9

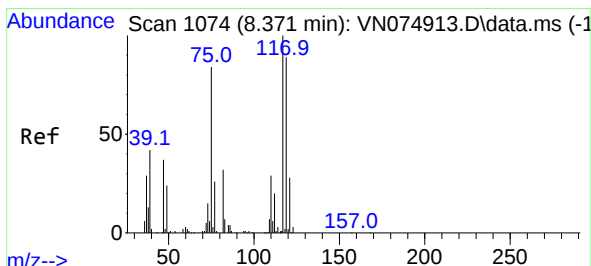
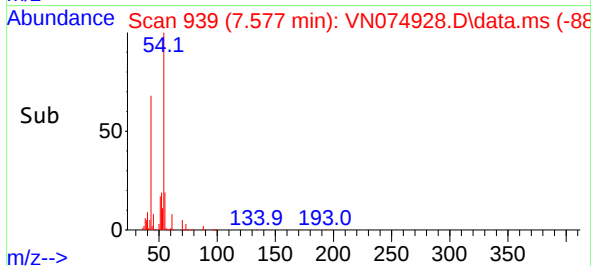
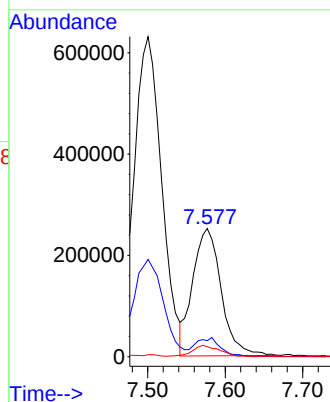
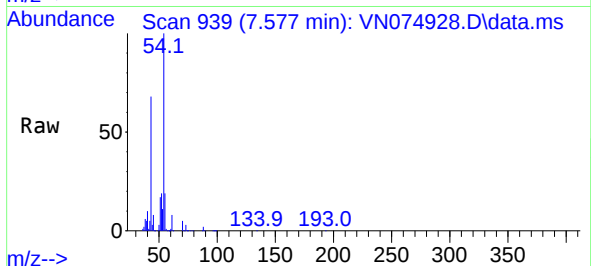




#37  
Ethyl Acetate  
Concen: 50.652 ug/l  
RT: 7.577 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

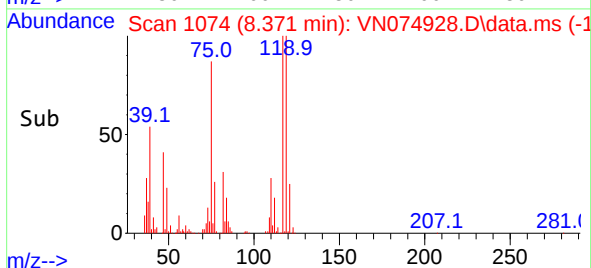
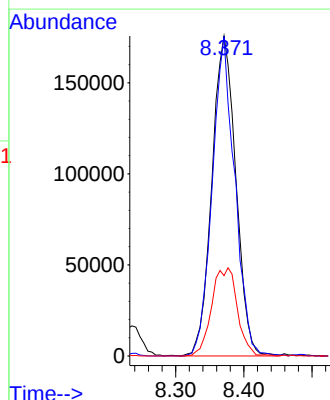
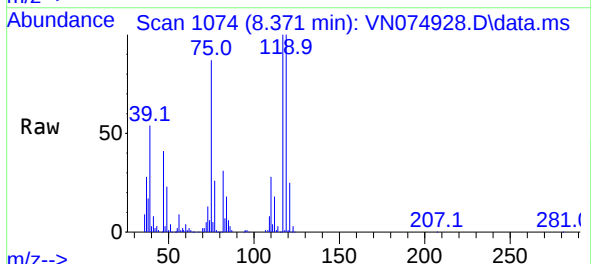
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

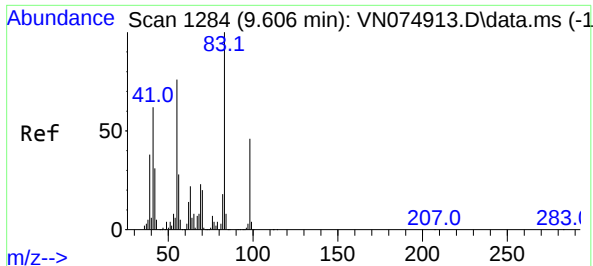
Tgt Ion: 43 Resp: 642403  
Ion Ratio Lower Upper  
43 100  
61 12.6 9.9 14.9  
70 8.5 6.8 10.2



#38  
Carbon Tetrachloride  
Concen: 48.365 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 117 Resp: 429759  
Ion Ratio Lower Upper  
117 100  
119 99.8 71.0 106.6  
121 25.1 22.2 33.4

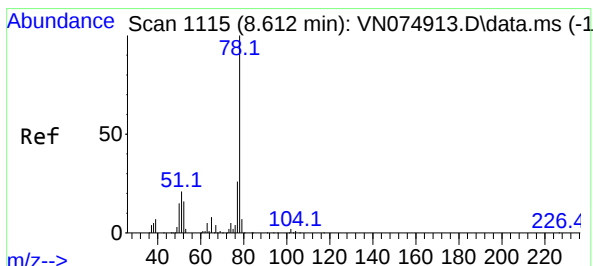
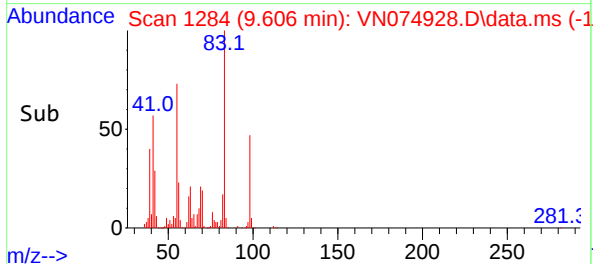
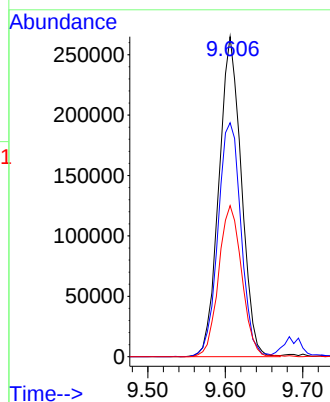
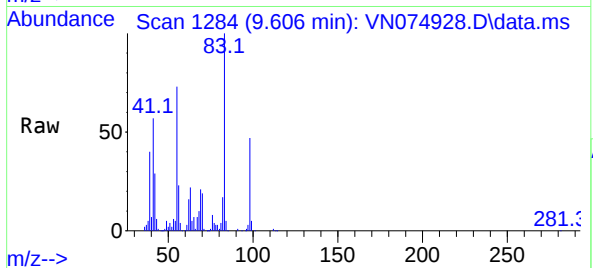




#39  
Methylcyclohexane  
Concen: 49.210 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

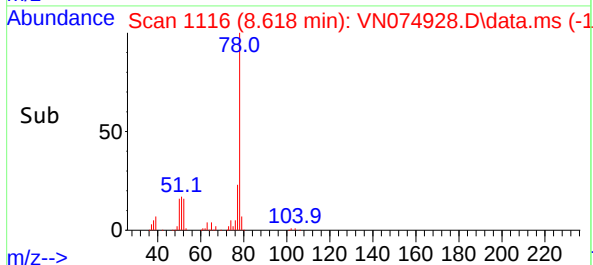
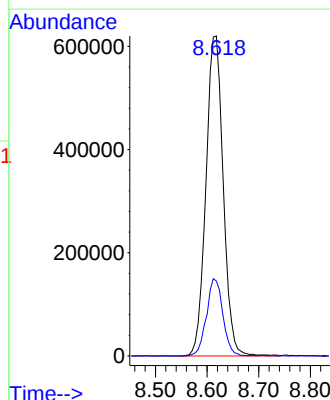
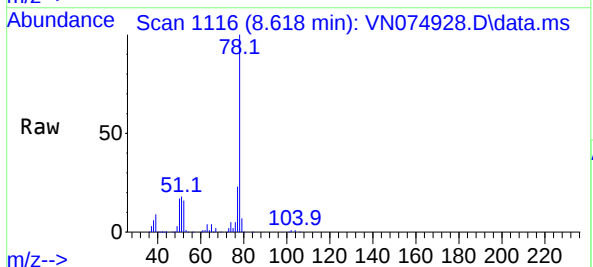
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

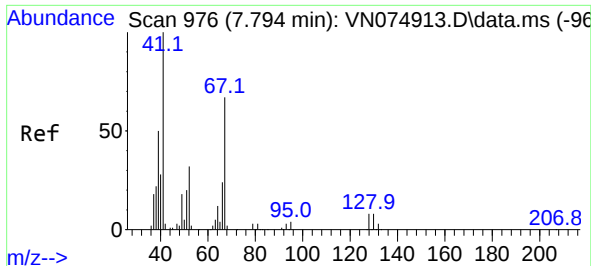
Tgt Ion: 83 Resp: 532389  
Ion Ratio Lower Upper  
83 100  
55 73.1 61.2 91.8  
98 47.2 37.2 55.8



#40  
Benzene  
Concen: 49.690 ug/l  
RT: 8.618 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 78 Resp: 1440668  
Ion Ratio Lower Upper  
78 100  
77 23.4 20.5 30.7

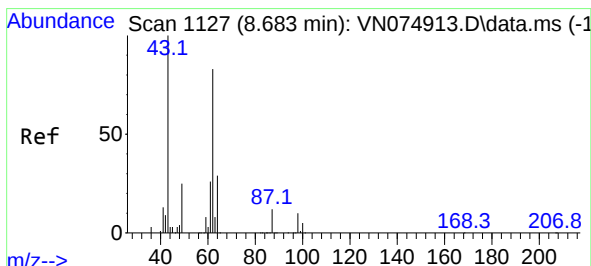
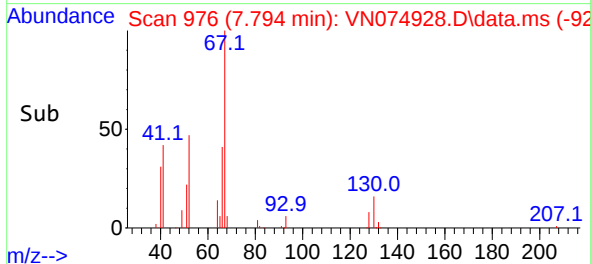
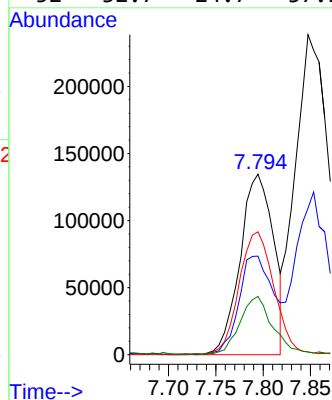
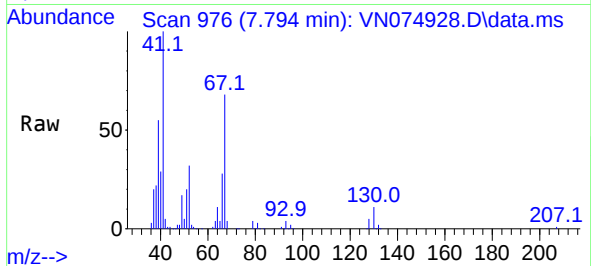




#41  
Methacrylonitrile  
Concen: 46.277 ug/l  
RT: 7.794 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

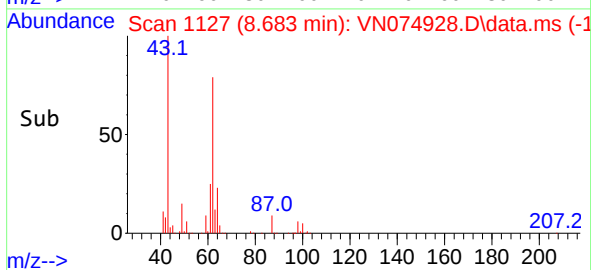
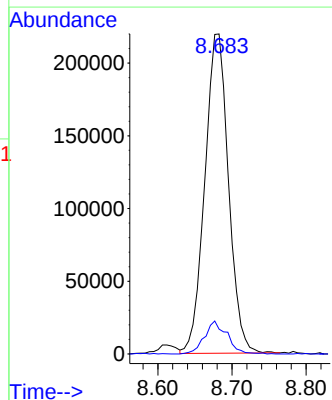
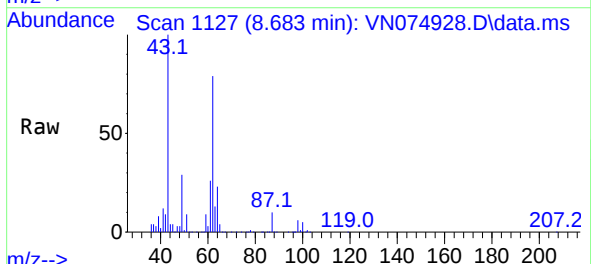
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

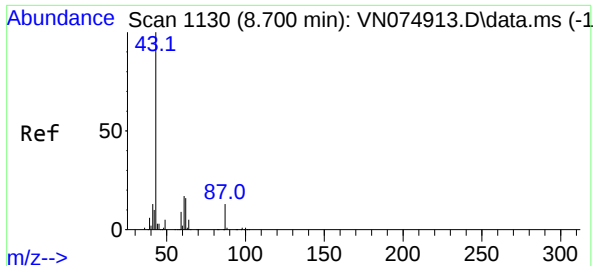
Tgt Ion: 41 Resp: 330087  
Ion Ratio Lower Upper  
41 100  
39 55.8 43.2 64.8  
67 71.4 57.9 86.9  
52 32.7 24.7 37.1



#42  
1,2-Dichloroethane  
Concen: 48.665 ug/l  
RT: 8.683 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 62 Resp: 488249  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 19.0





#43

Isopropyl Acetate

Concen: 49.005 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

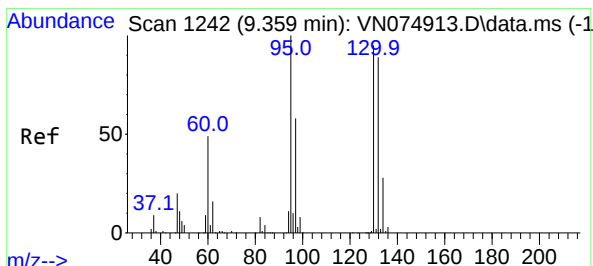
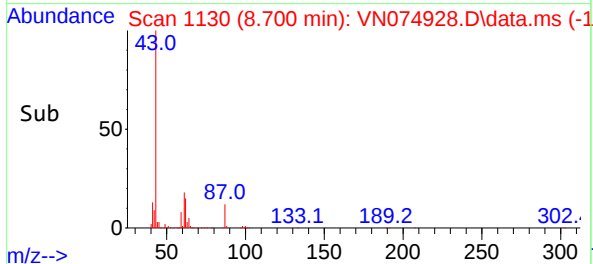
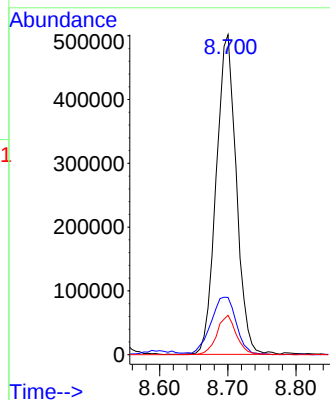
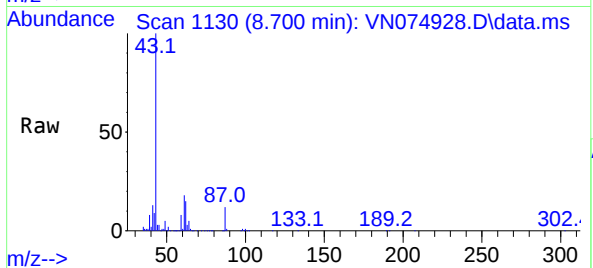
MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1029403

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 23.0  | 19.0  | 28.6  |
| 87  | 12.0  | 9.9   | 14.9  |



#44

Trichloroethene

Concen: 47.956 ug/l

RT: 9.353 min Scan# 1241

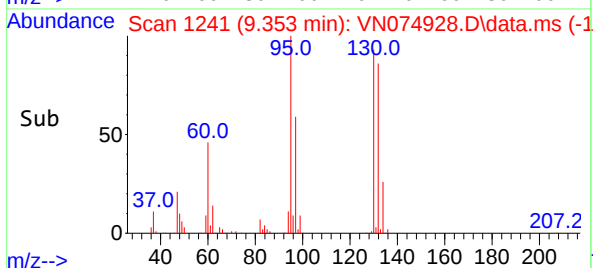
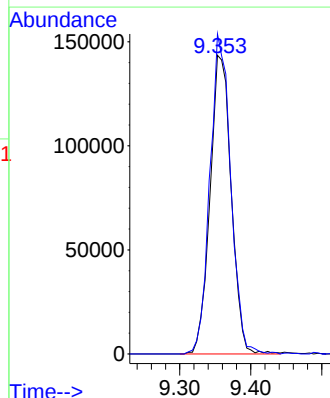
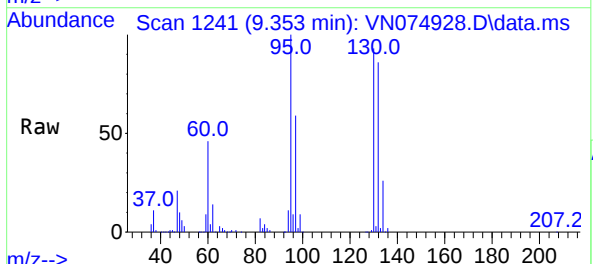
Delta R.T. -0.006 min

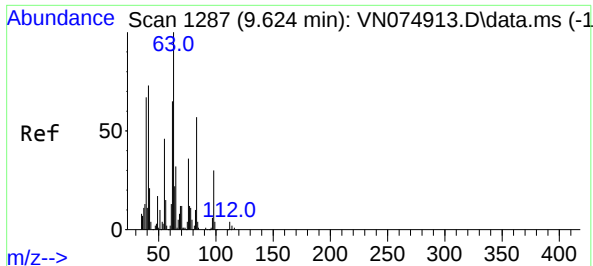
Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Tgt Ion:130 Resp: 297015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 107.1 | 0.0   | 210.4 |





#45

1,2-Dichloropropane

Concen: 48.701 ug/l

RT: 9.624 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

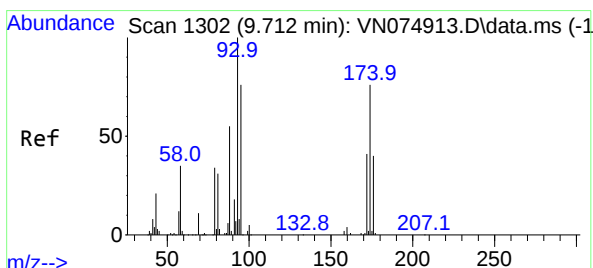
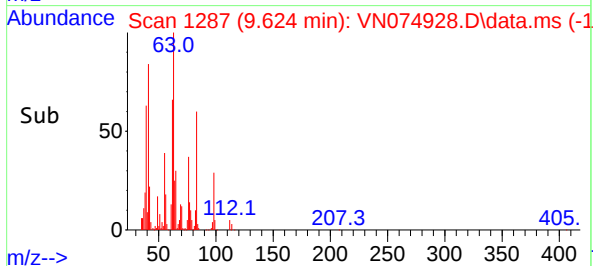
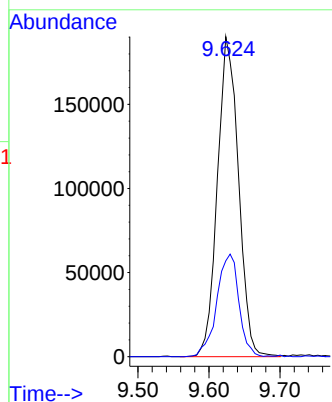
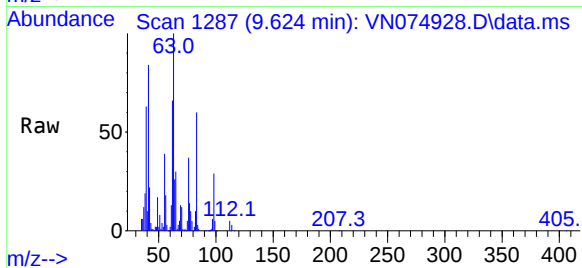
VSTDCCC050EC

Tgt Ion: 63 Resp: 391081

Ion Ratio Lower Upper

63 100

65 30.0 25.9 38.9



#46

Dibromomethane

Concen: 49.635 ug/l

RT: 9.718 min Scan# 1303

Delta R.T. 0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

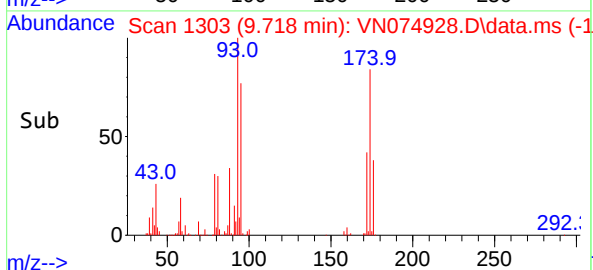
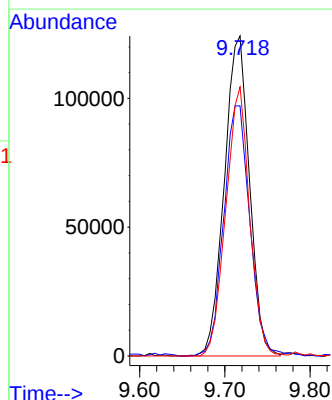
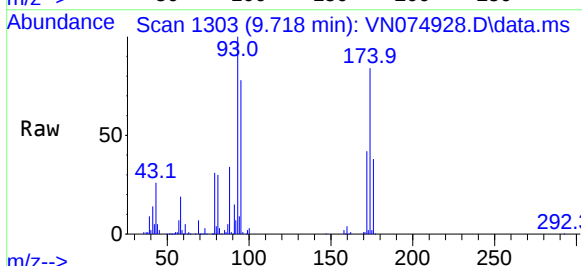
Tgt Ion: 93 Resp: 255211

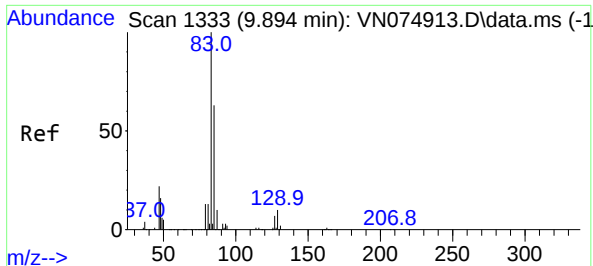
Ion Ratio Lower Upper

93 100

95 81.3 66.0 99.0

174 79.3 65.1 97.7

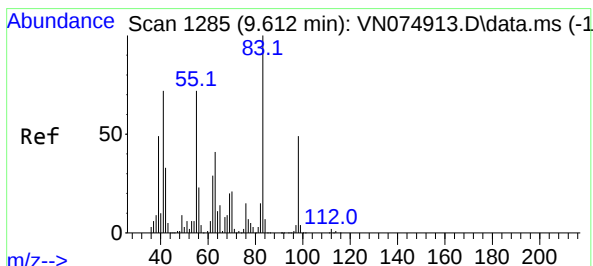
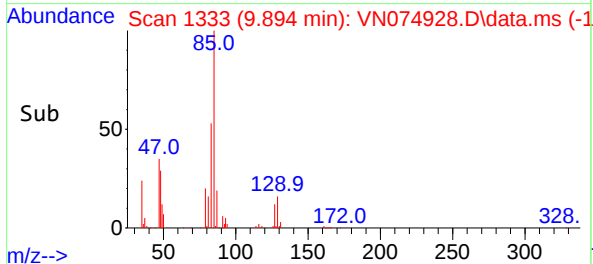
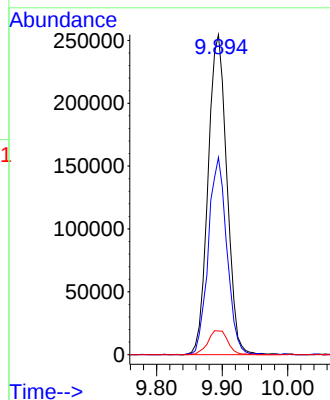
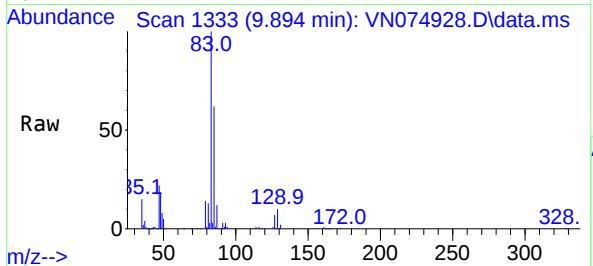




#47  
Bromodichloromethane  
Concen: 52.707 ug/l  
RT: 9.894 min Scan# 1333  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

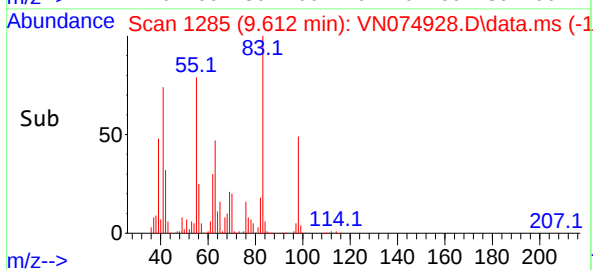
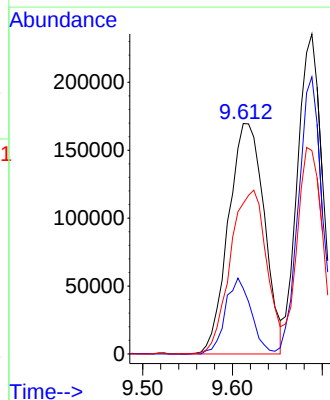
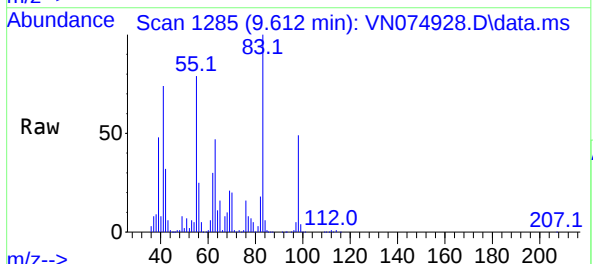
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

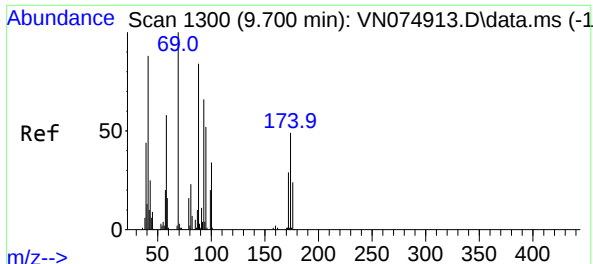
Tgt Ion: 83 Resp: 507337  
Ion Ratio Lower Upper  
83 100  
85 61.7 50.2 75.2  
127 7.4 5.8 8.6



#48  
Methyl methacrylate  
Concen: 48.940 ug/l  
RT: 9.612 min Scan# 1285  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 41 Resp: 471195  
Ion Ratio Lower Upper  
41 100  
69 23.6 19.5 29.3  
39 71.7 58.3 87.5

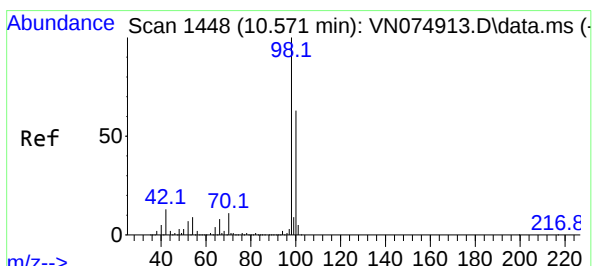
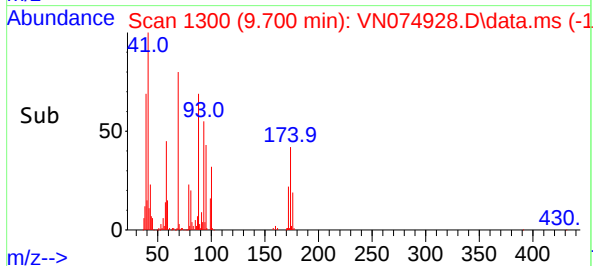
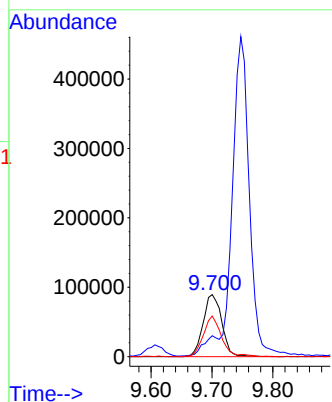
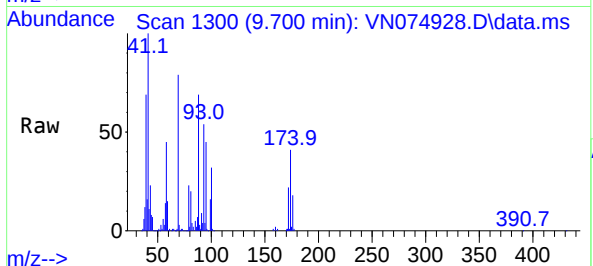




#49  
1,4-Dioxane  
Concen: 1047.230 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

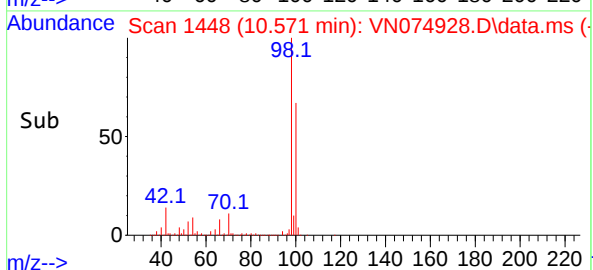
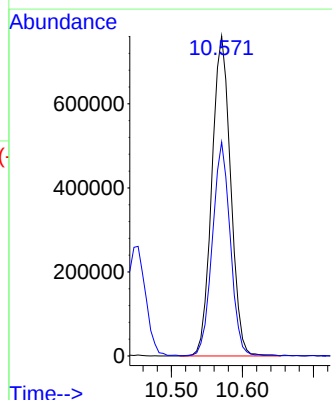
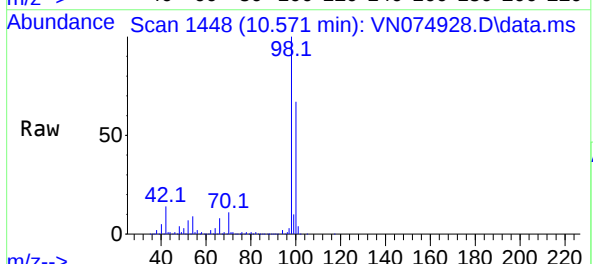
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

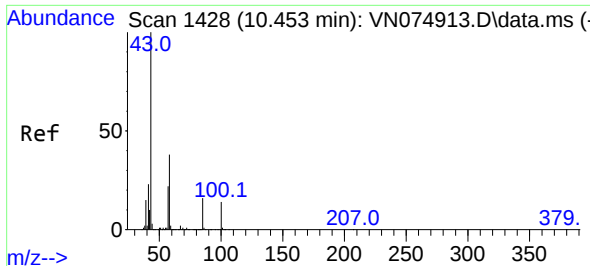
Tgt Ion: 88 Resp: 190107  
Ion Ratio Lower Upper  
88 100  
43 27.7 19.4 29.2  
58 63.9 56.9 85.3



#50  
Toluene-d8  
Concen: 50.396 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 98 Resp: 1397151  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 254.535 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. -0.006 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

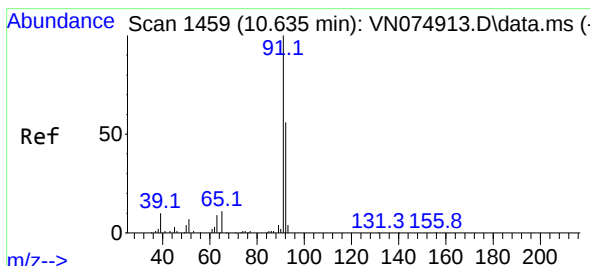
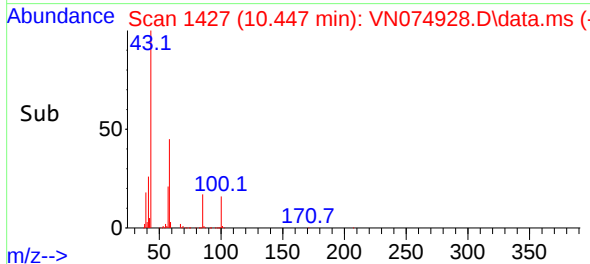
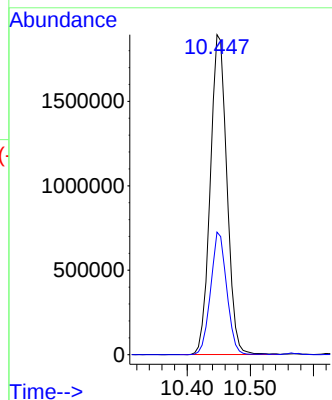
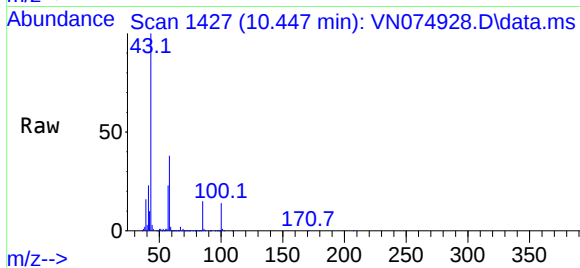
VSTDCCC050EC

Tgt Ion: 43 Resp: 3462949

Ion Ratio Lower Upper

43 100

58 37.0 30.0 45.0



#52

Toluene

Concen: 51.935 ug/l

RT: 10.635 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VN074928.D

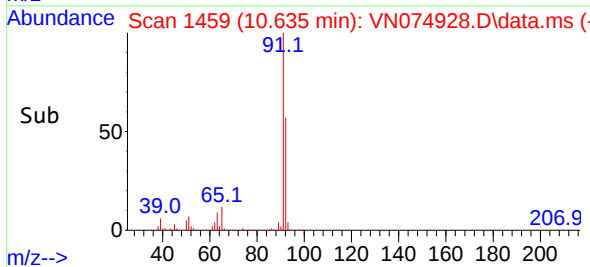
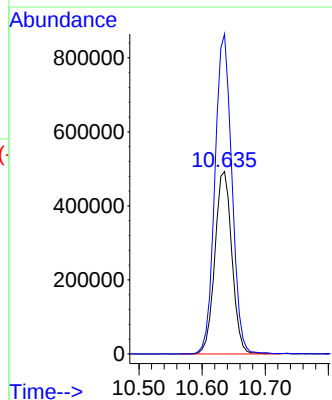
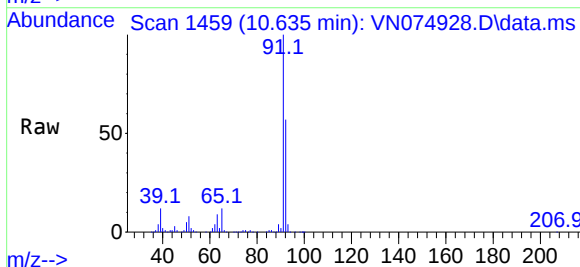
Acq: 17 Oct 2022 20:33

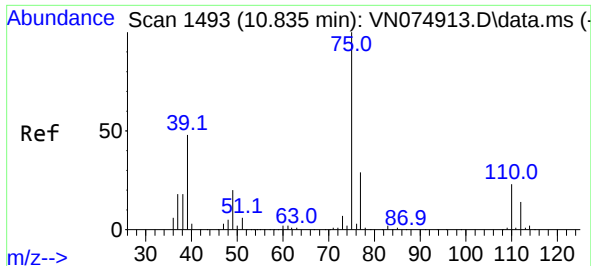
Tgt Ion: 92 Resp: 922224

Ion Ratio Lower Upper

92 100

91 175.1 141.0 211.6

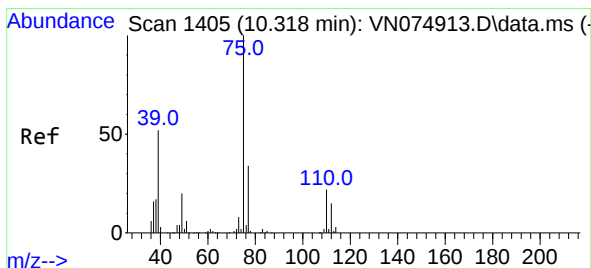
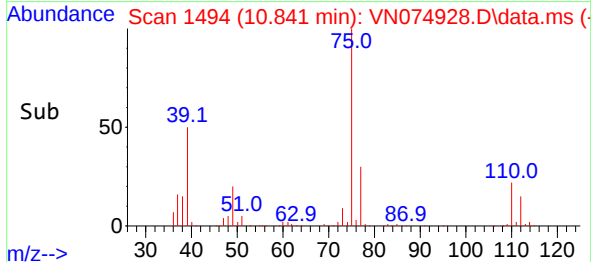
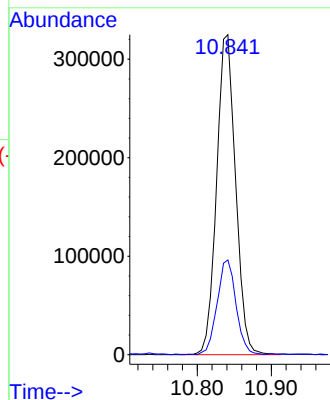
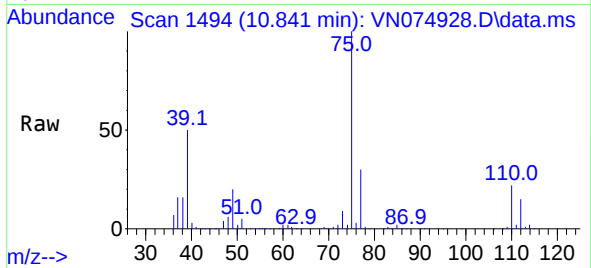




#53  
t-1,3-Dichloropropene  
Concen: 53.044 ug/l  
RT: 10.841 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

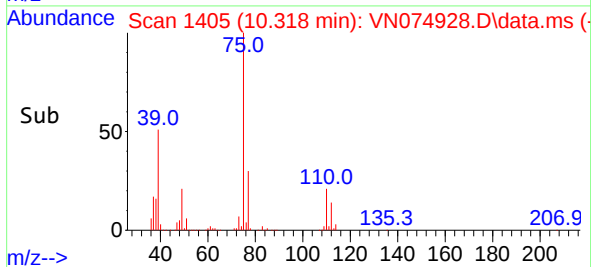
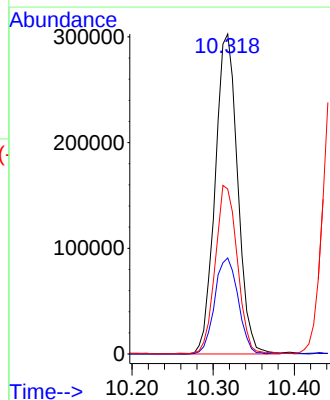
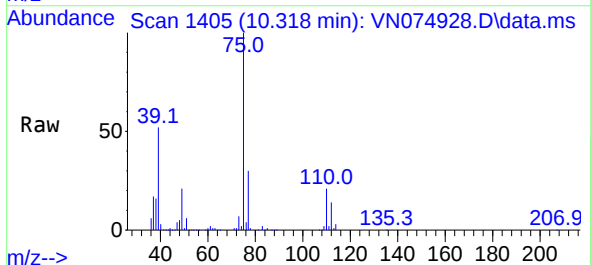
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

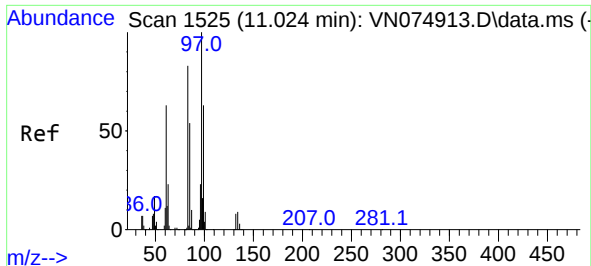
Tgt Ion: 75 Resp: 577628  
Ion Ratio Lower Upper  
75 100  
77 29.5 23.4 35.0



#54  
cis-1,3-Dichloropropene  
Concen: 49.608 ug/l  
RT: 10.318 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 75 Resp: 583562  
Ion Ratio Lower Upper  
75 100  
77 30.0 27.6 41.4  
39 51.4 41.6 62.4



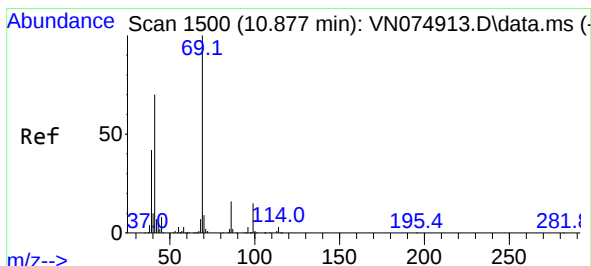
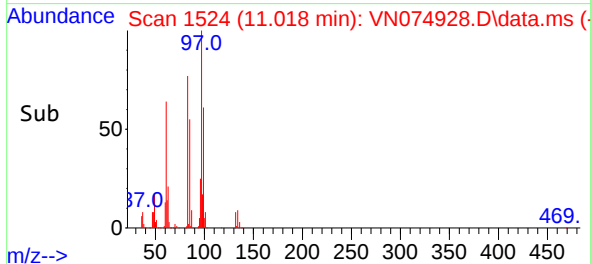
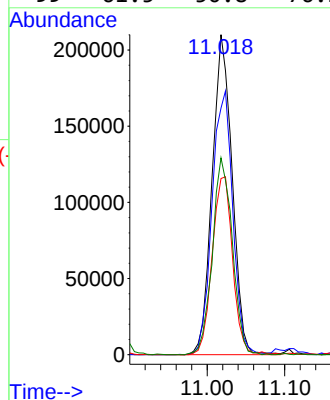
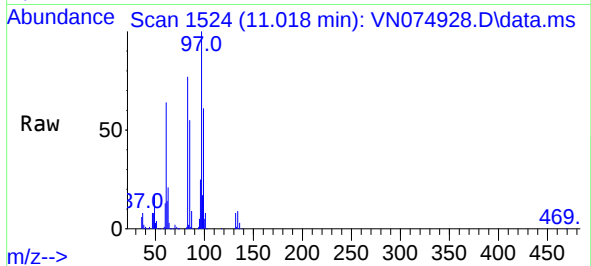


#55  
1,1,2-Trichloroethane  
Concen: 50.243 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 376420

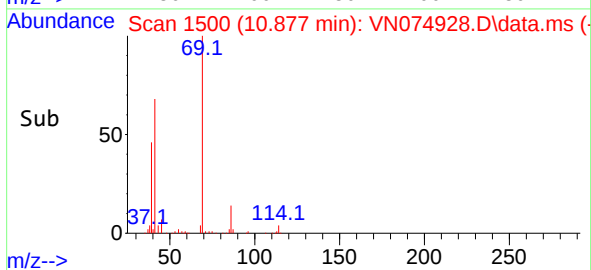
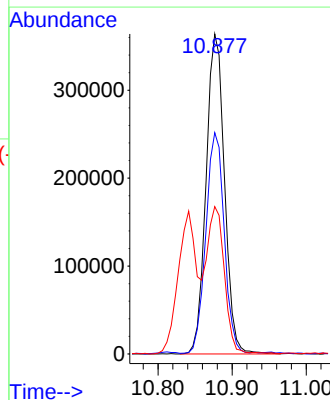
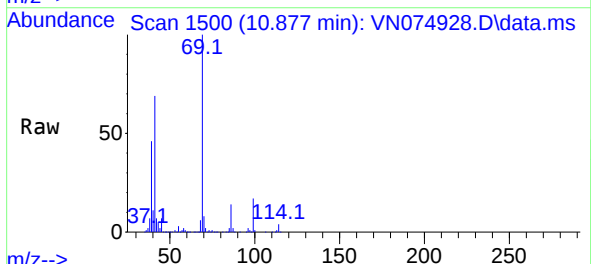
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 77.0  | 66.6  | 100.0 |
| 85  | 55.0  | 43.0  | 64.4  |
| 99  | 61.5  | 50.8  | 76.2  |

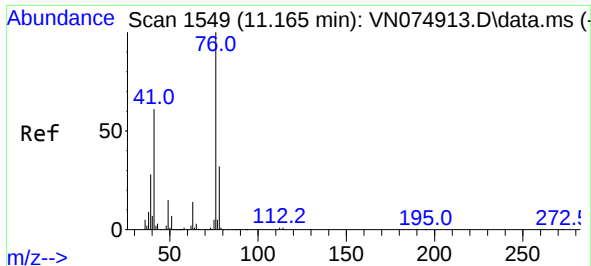


#56  
Ethyl methacrylate  
Concen: 52.325 ug/l  
RT: 10.877 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 69 Resp: 628048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.7  | 55.9  | 83.9  |
| 39  | 43.2  | 35.2  | 52.8  |





#57

1,3-Dichloropropane

Concen: 50.182 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

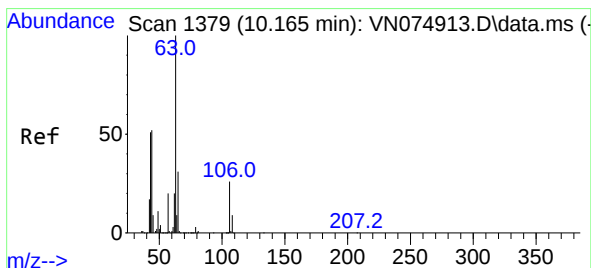
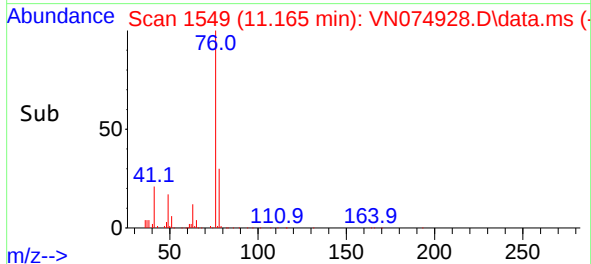
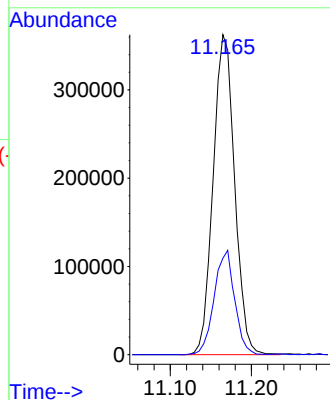
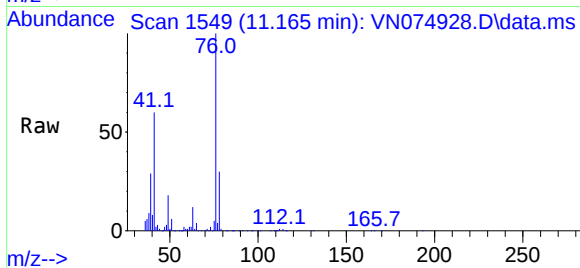
VSTDCCC050EC

Tgt Ion: 76 Resp: 667355

Ion Ratio Lower Upper

76 100

78 31.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 224.264 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074928.D

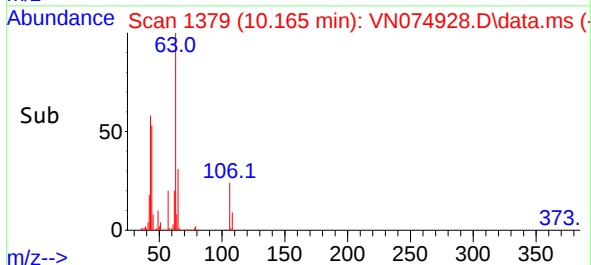
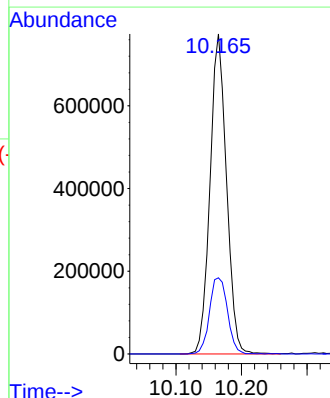
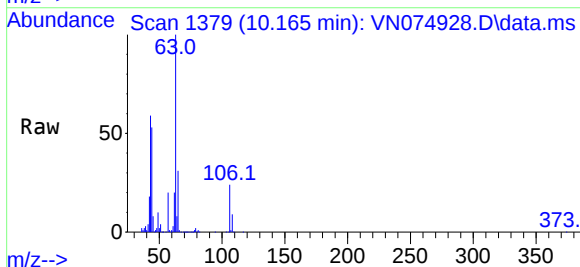
Acq: 17 Oct 2022 20:33

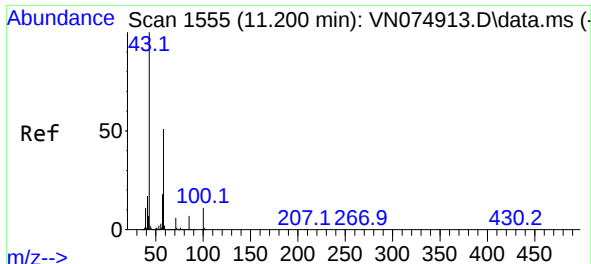
Tgt Ion: 63 Resp: 1349923

Ion Ratio Lower Upper

63 100

106 25.9 20.8 31.2

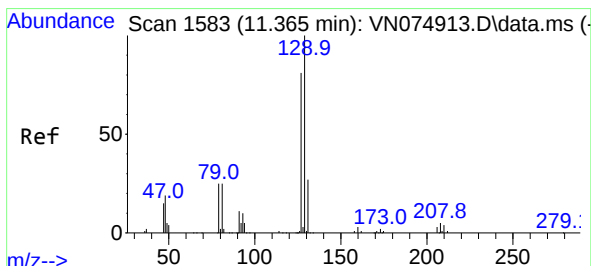
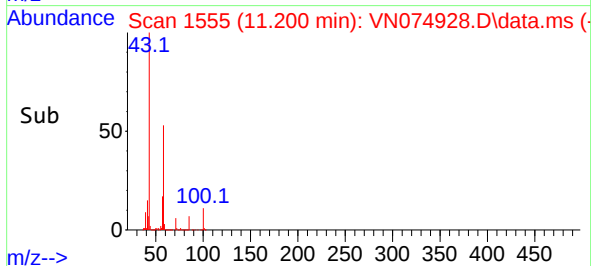
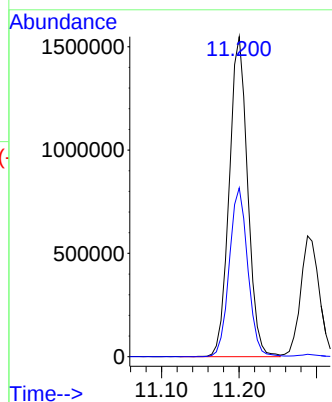
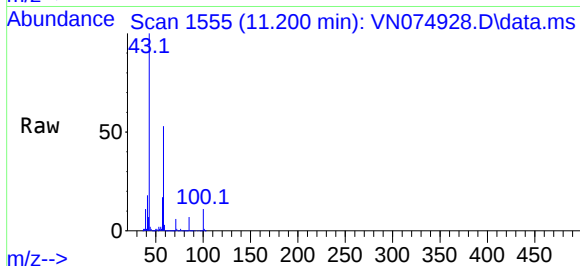




#59  
2-Hexanone  
Concen: 250.958 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

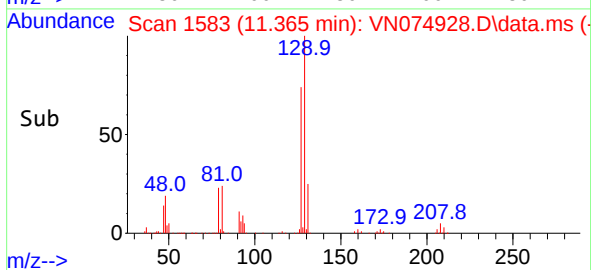
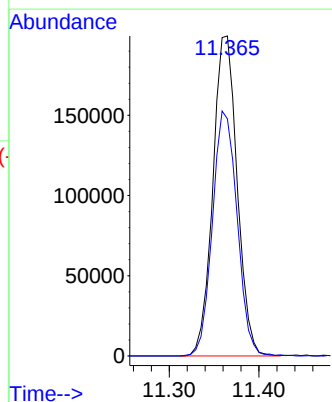
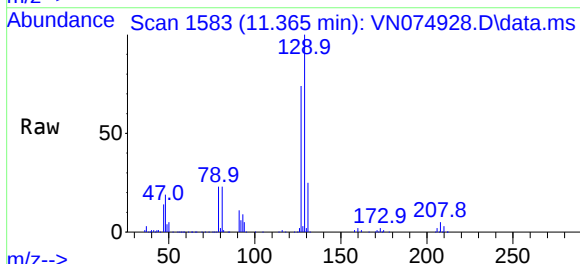
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

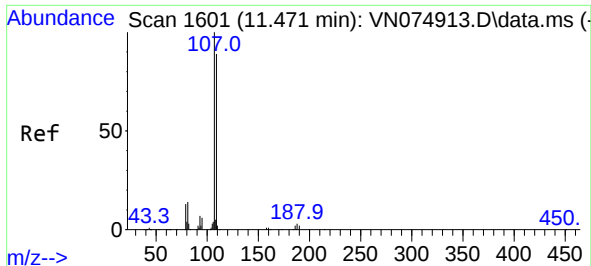
Tgt Ion: 43 Resp: 2557994  
Ion Ratio Lower Upper  
43 100  
58 53.1 26.3 78.9



#60  
Dibromochloromethane  
Concen: 52.944 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:129 Resp: 375389  
Ion Ratio Lower Upper  
129 100  
127 77.7 39.4 118.2

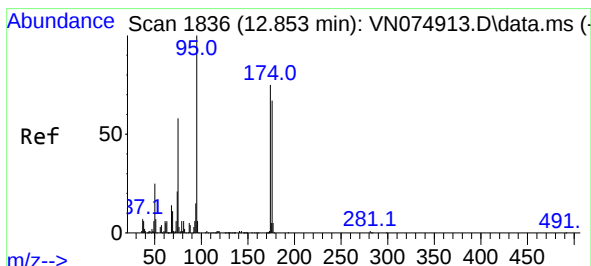
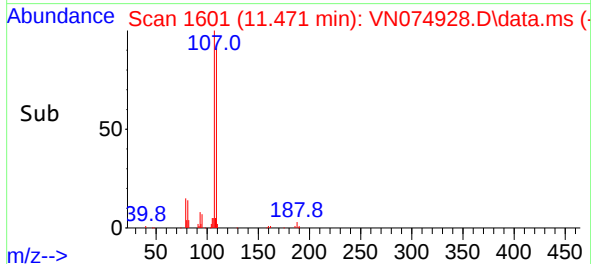
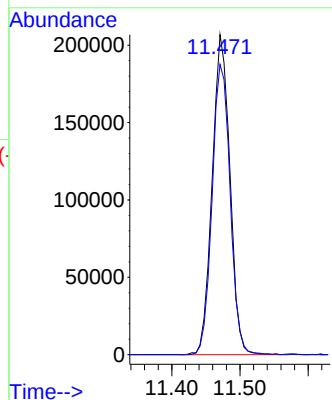
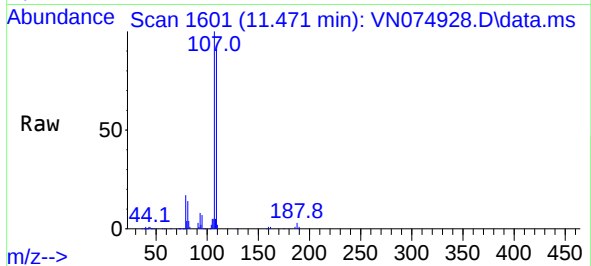




#61  
1,2-Dibromoethane  
Concen: 50.844 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

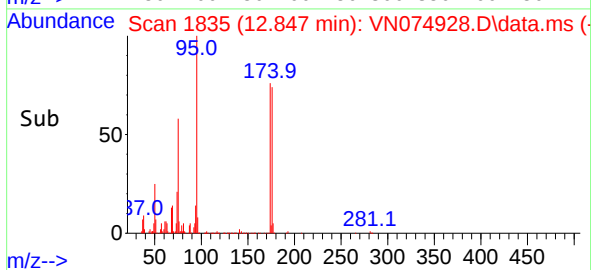
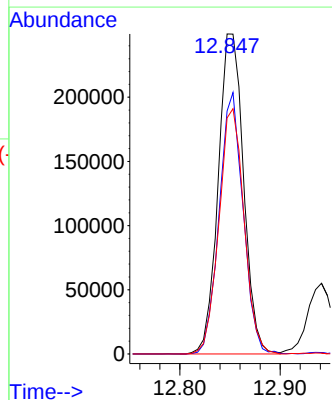
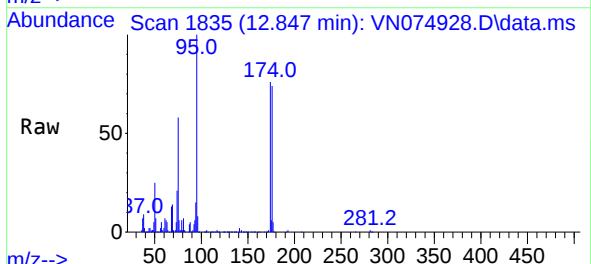
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

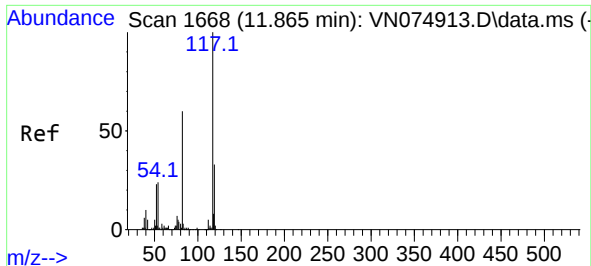
Tgt Ion:107 Resp: 374174  
Ion Ratio Lower Upper  
107 100  
109 92.3 77.6 116.4



#62  
4-Bromofluorobenzene  
Concen: 54.203 ug/l  
RT: 12.847 min Scan# 1835  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 95 Resp: 436577  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 157.8  
176 75.8 0.0 148.0

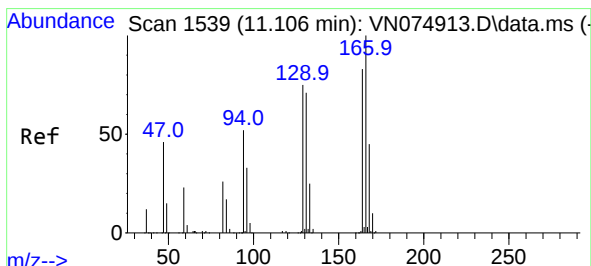
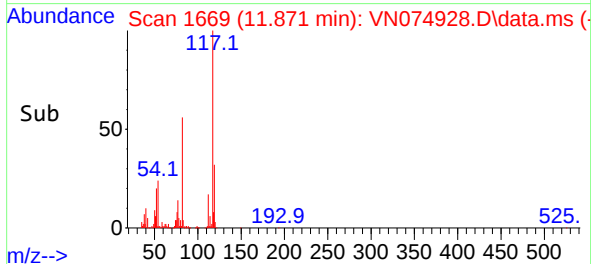
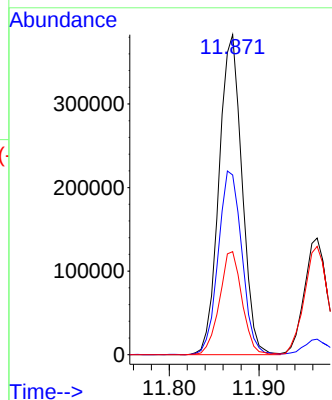
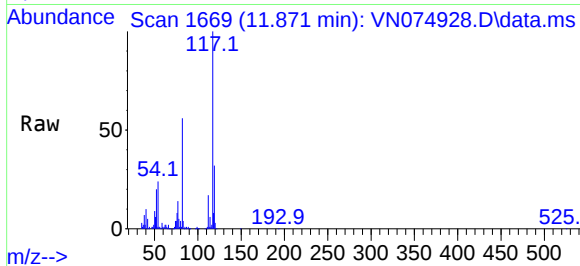




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. 0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

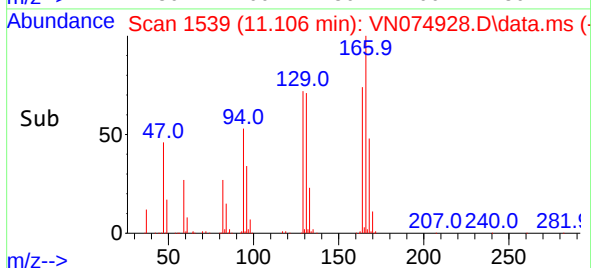
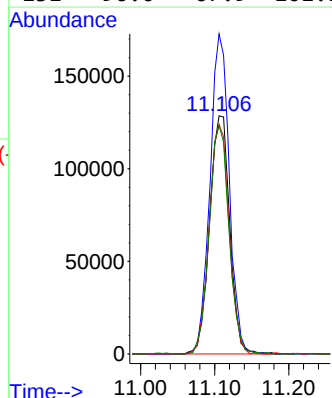
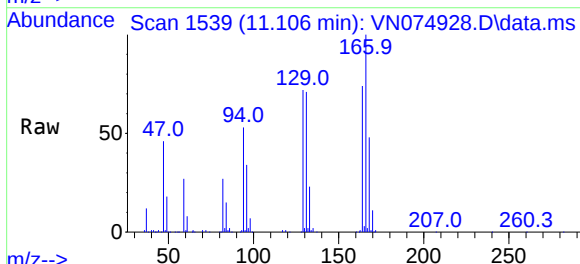
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

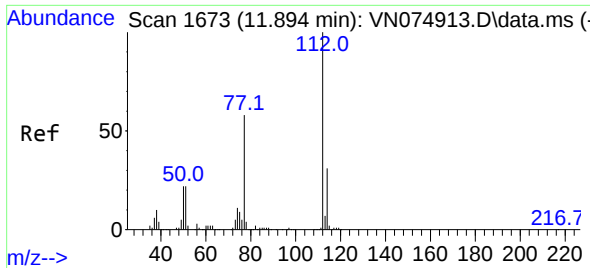
Tgt Ion:117 Resp: 681224  
Ion Ratio Lower Upper  
117 100  
82 56.1 48.0 72.0  
119 32.2 26.1 39.1



#64  
Tetrachloroethene  
Concen: 48.255 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:164 Resp: 243163  
Ion Ratio Lower Upper  
164 100  
166 134.4 95.8 143.8  
129 96.4 72.0 108.0  
131 96.0 67.9 101.9

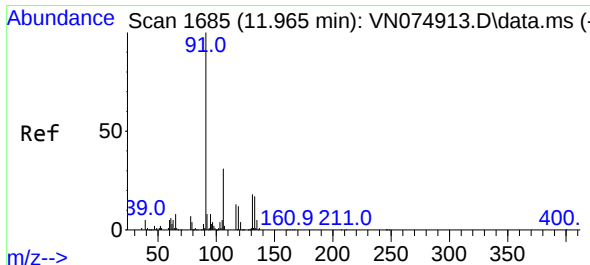
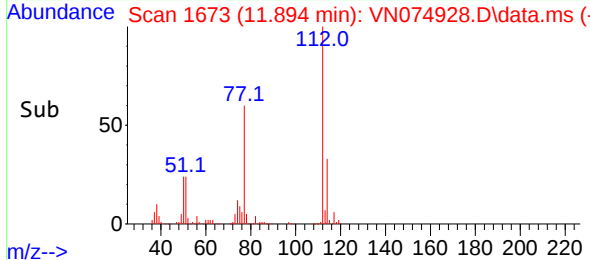
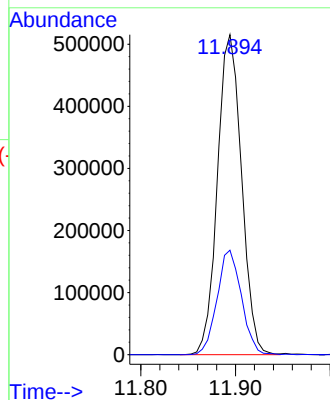
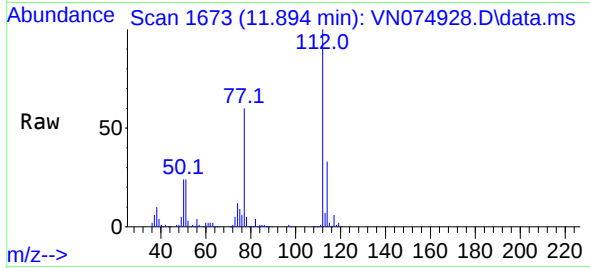




#65  
Chlorobenzene  
Concen: 46.685 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

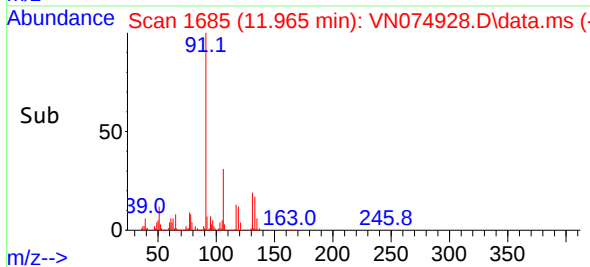
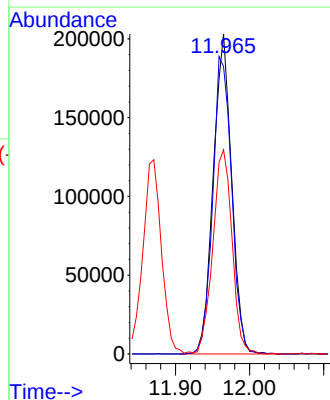
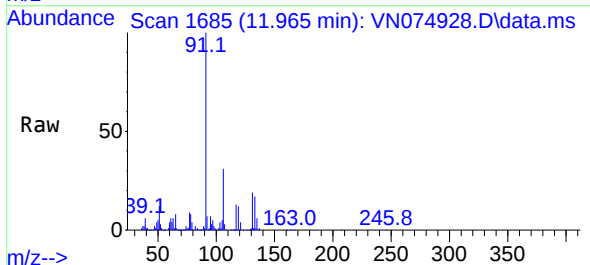
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

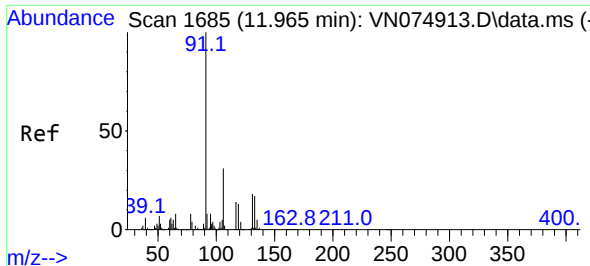
Tgt Ion:112 Resp: 913272  
Ion Ratio Lower Upper  
112 100  
114 32.7 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.406 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:131 Resp: 349891  
Ion Ratio Lower Upper  
131 100  
133 95.7 46.1 138.3  
119 66.5 32.6 97.8

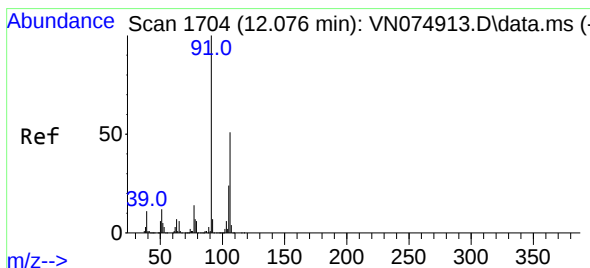
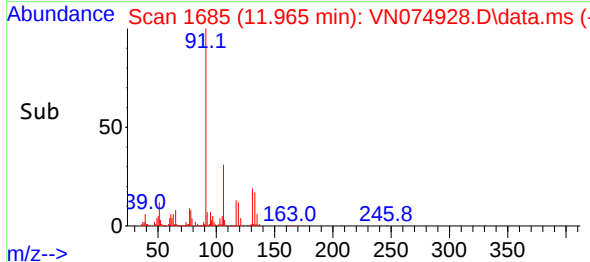
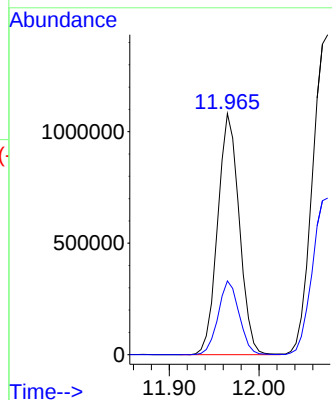
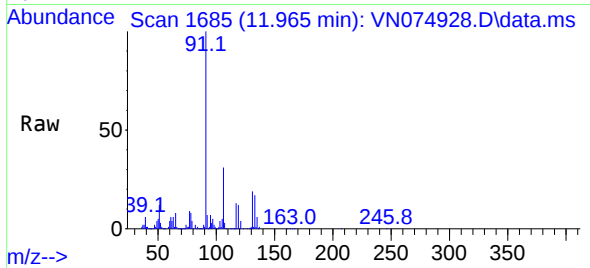




#67  
Ethyl Benzene  
Concen: 50.745 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

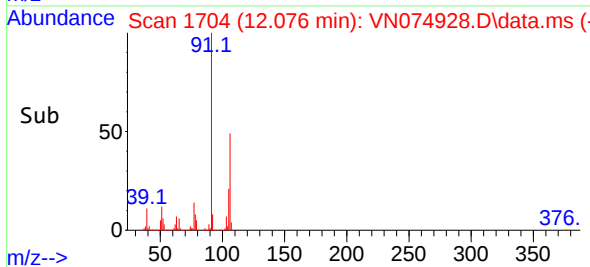
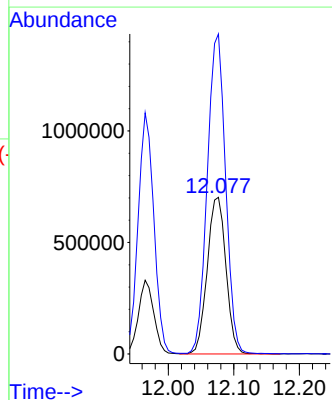
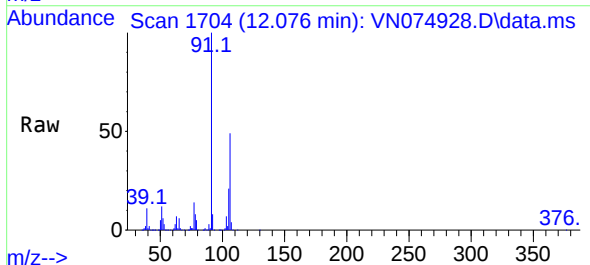
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

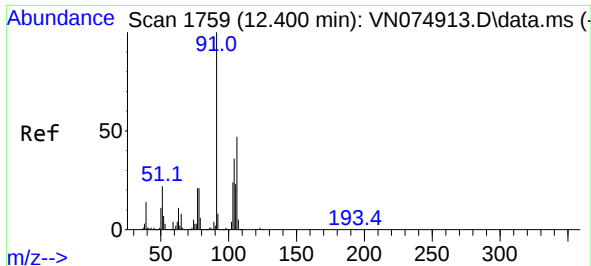
Tgt Ion: 91 Resp: 1805116  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.7 37.1



#68  
m/p-Xylenes  
Concen: 104.634 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:106 Resp: 1390647  
Ion Ratio Lower Upper  
106 100  
91 200.1 160.6 240.8

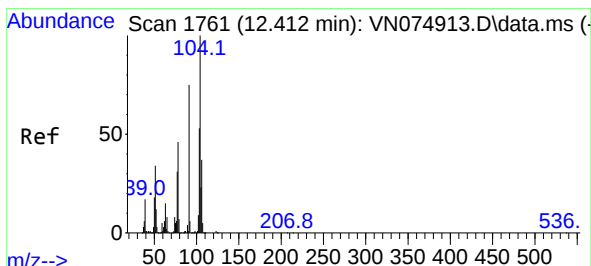
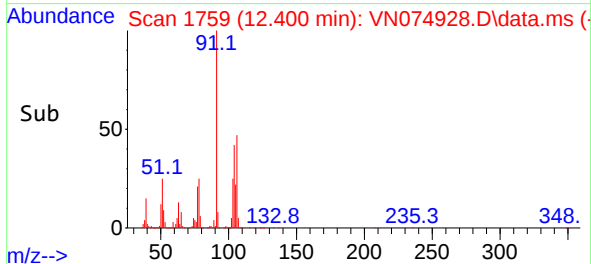
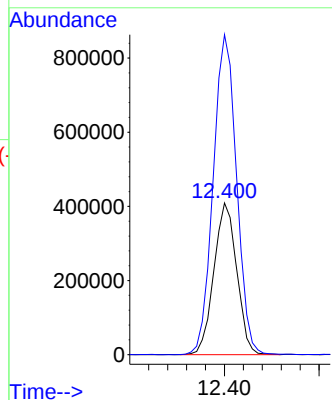
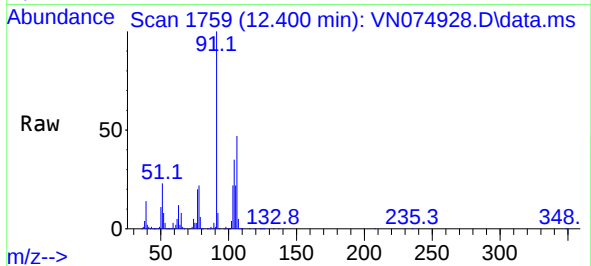




#69  
o-Xylene  
Concen: 50.808 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

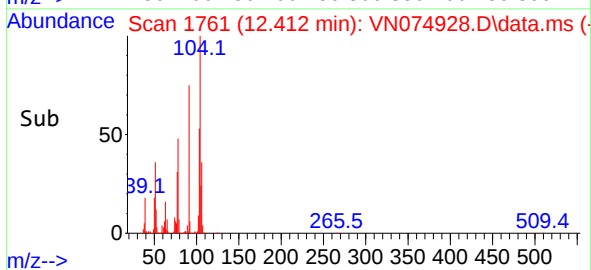
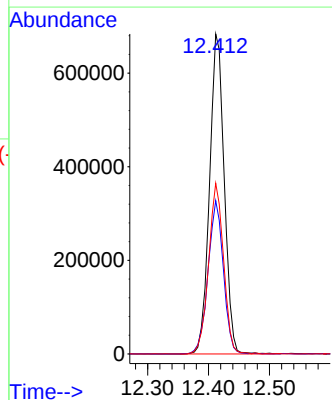
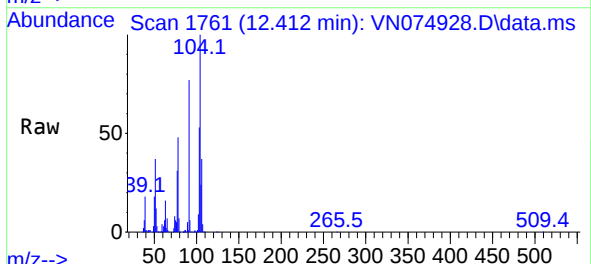
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

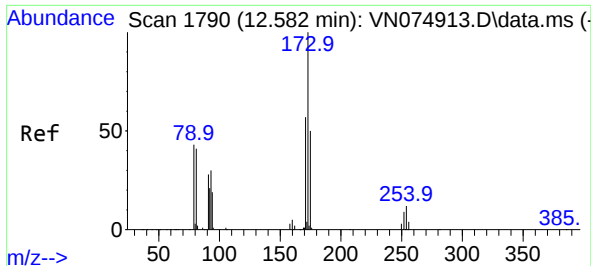
Tgt Ion:106 Resp: 685832  
Ion Ratio Lower Upper  
106 100  
91 216.0 105.9 317.7



#70  
Styrene  
Concen: 54.071 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:104 Resp: 1147484  
Ion Ratio Lower Upper  
104 100  
78 49.9 38.8 58.2  
103 54.4 45.0 67.4

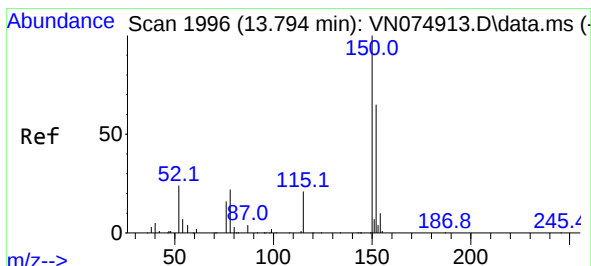
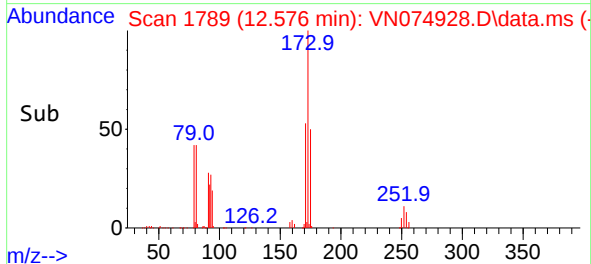
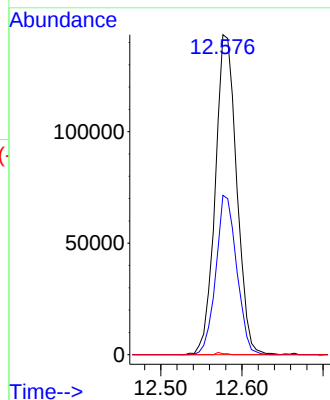
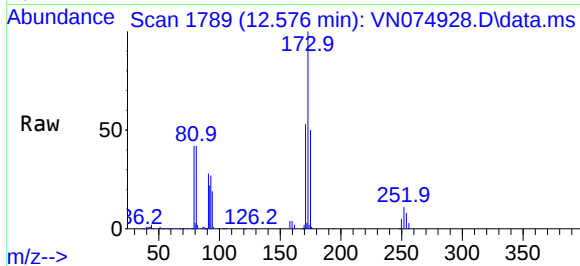




#71  
Bromoform  
Concen: 51.541 ug/l  
RT: 12.576 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

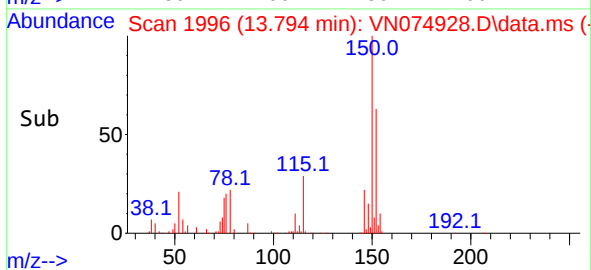
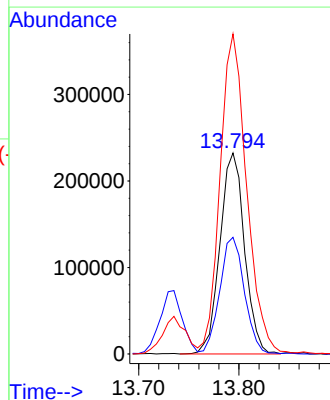
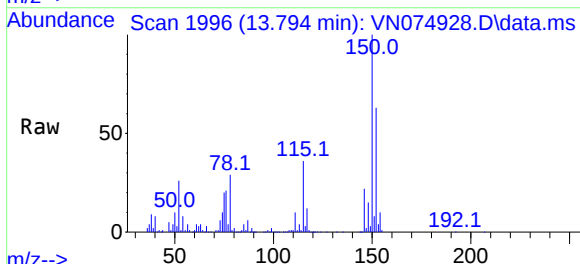
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

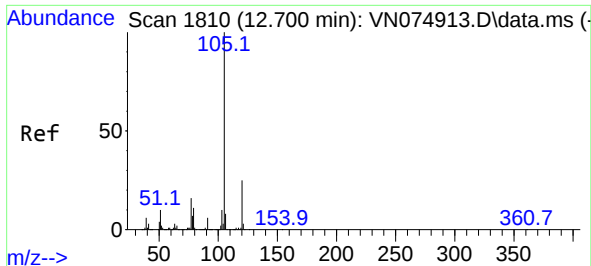
Tgt Ion:173 Resp: 263411  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.5 73.5  
254 0.2 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:152 Resp: 394492  
Ion Ratio Lower Upper  
152 100  
115 58.5 29.7 89.1  
150 171.1 0.0 341.6

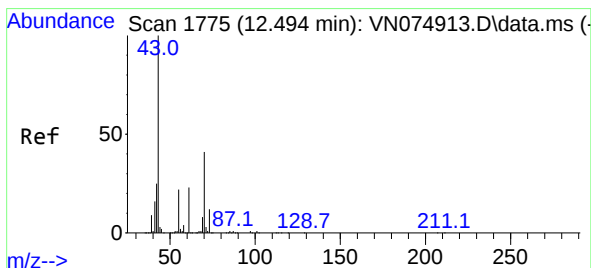
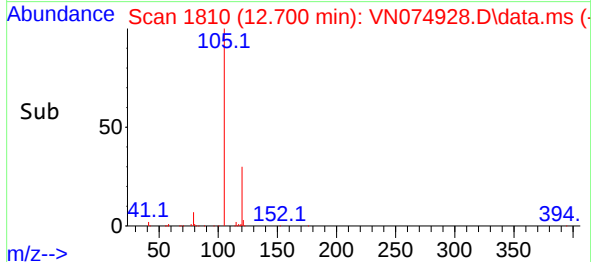
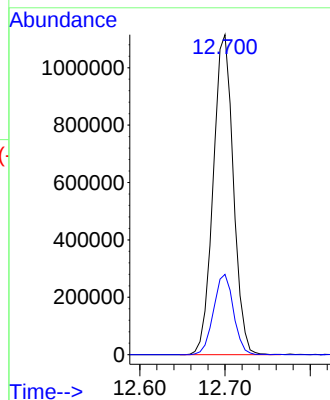
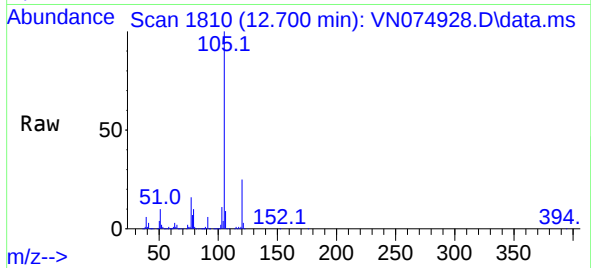




#73  
Isopropylbenzene  
Concen: 48.635 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

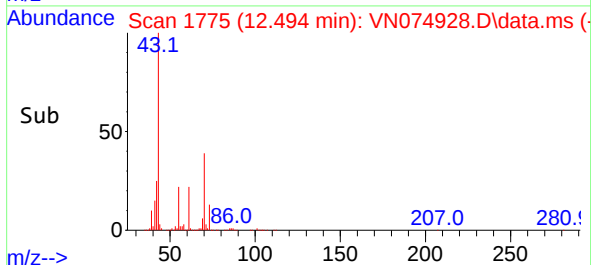
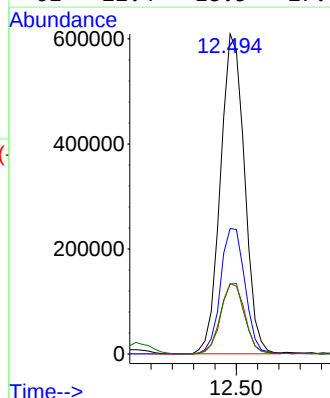
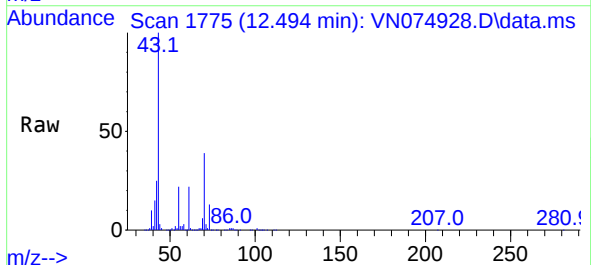
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

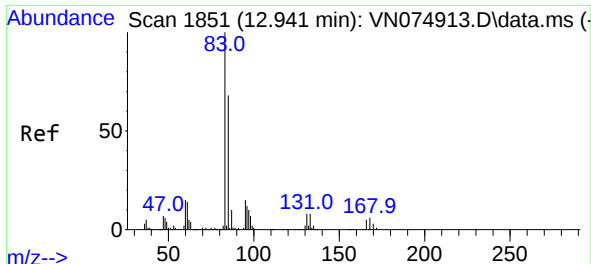
Tgt Ion:105 Resp: 1827519  
Ion Ratio Lower Upper  
105 100  
120 24.9 12.9 38.7



#74  
N-ethyl acetate  
Concen: 45.905 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 43 Resp: 953530  
Ion Ratio Lower Upper  
43 100  
70 40.1 32.1 48.1  
55 22.5 17.7 26.5  
61 22.4 18.5 27.7

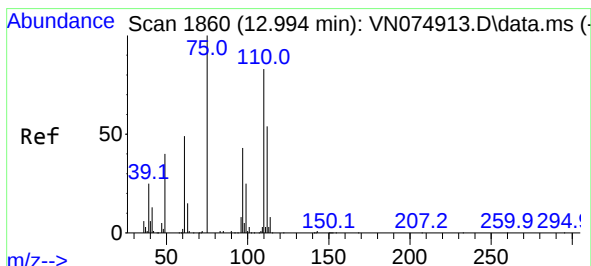
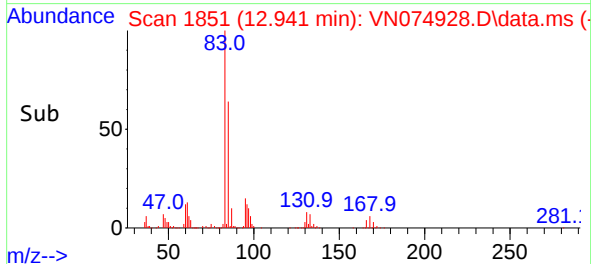
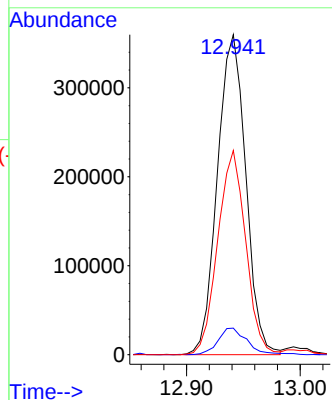
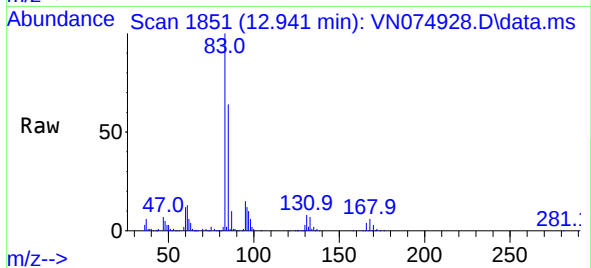




#75  
1,1,2,2-Tetrachloroethane  
Concen: 43.573 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

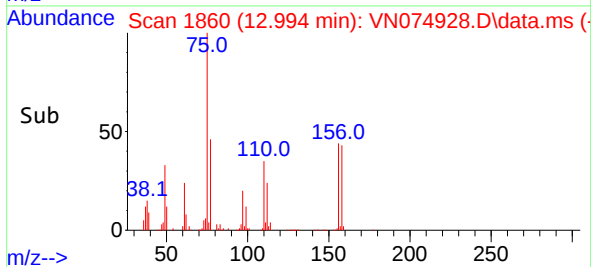
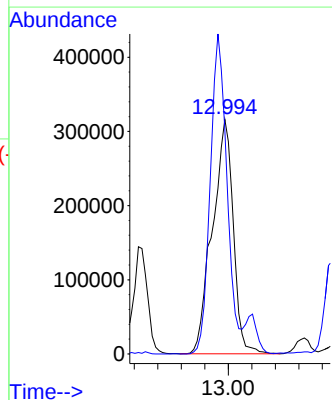
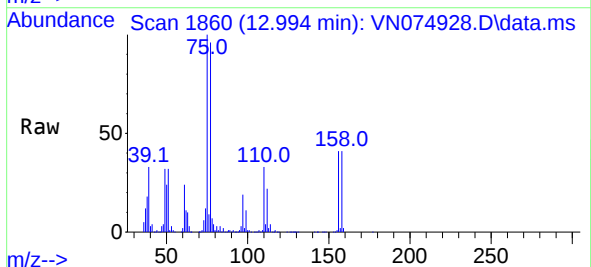
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

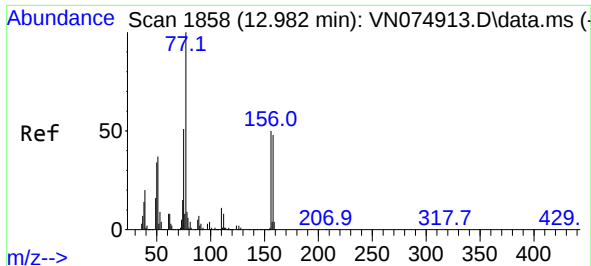
Tgt Ion: 83 Resp: 625237  
Ion Ratio Lower Upper  
83 100  
131 8.6 4.3 12.8  
85 62.8 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 69.786 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 75 Resp: 778114  
Ion Ratio Lower Upper  
75 100  
77 109.8 77.8 233.5

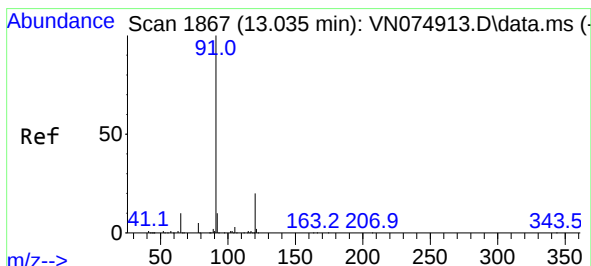
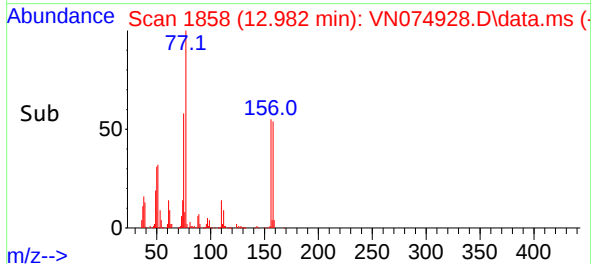
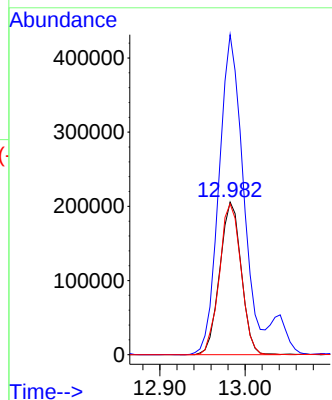
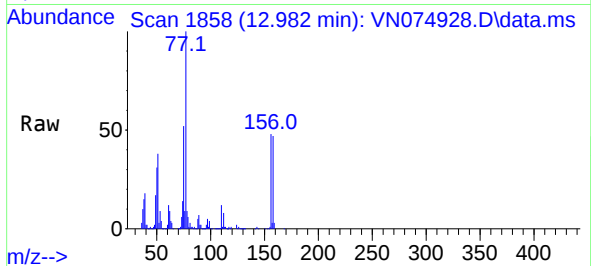




#77  
Bromobenzene  
Concen: 43.938 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

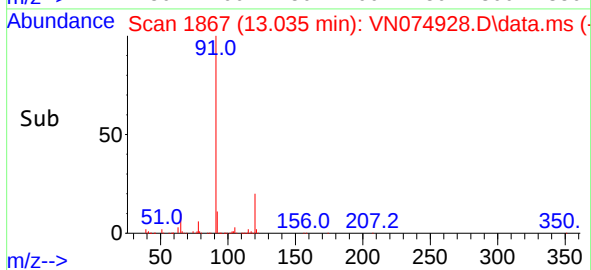
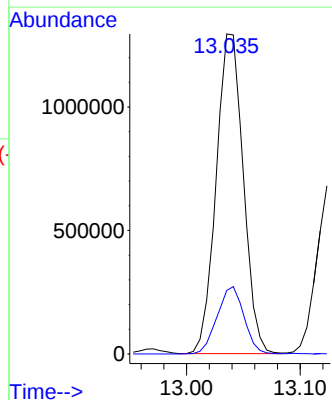
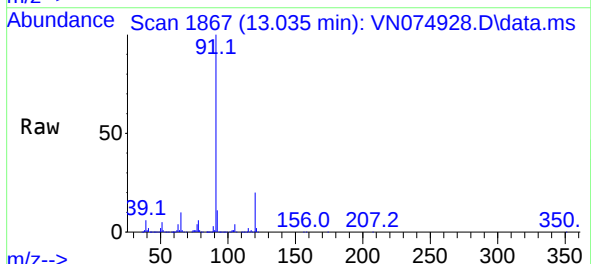
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

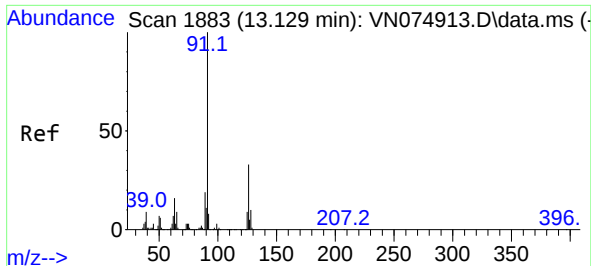
Tgt Ion:156 Resp: 360504  
Ion Ratio Lower Upper  
156 100  
77 237.1 116.7 350.1  
158 99.7 48.2 144.6



#78  
n-propylbenzene  
Concen: 49.232 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 91 Resp: 2147283  
Ion Ratio Lower Upper  
91 100  
120 20.9 10.8 32.4

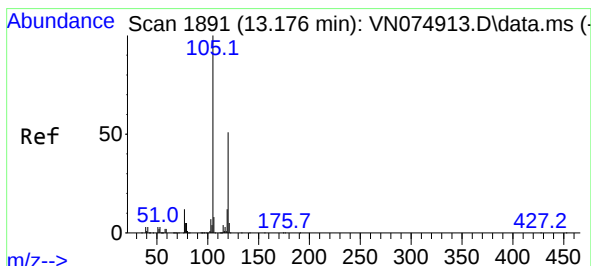
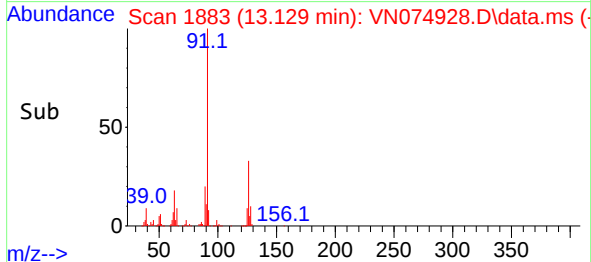
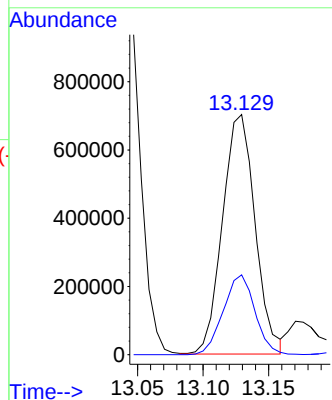
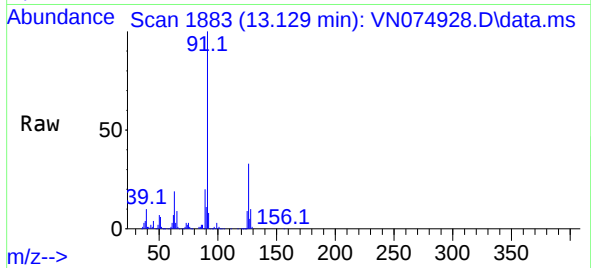




#79  
2-Chlorotoluene  
Concen: 44.934 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

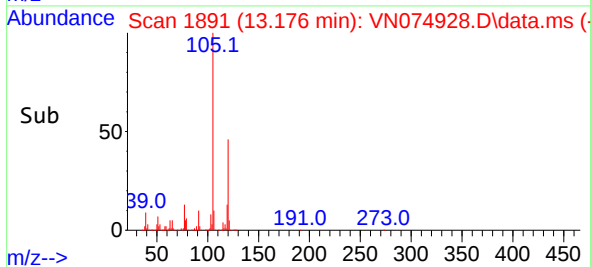
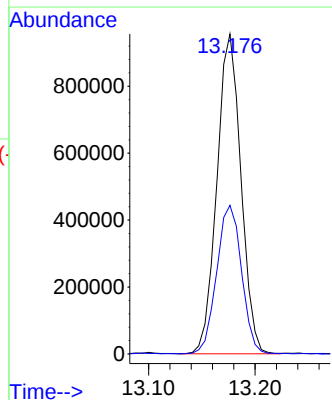
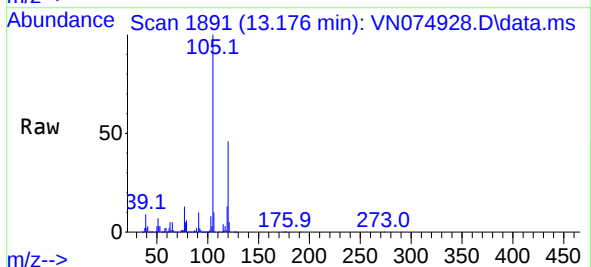
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

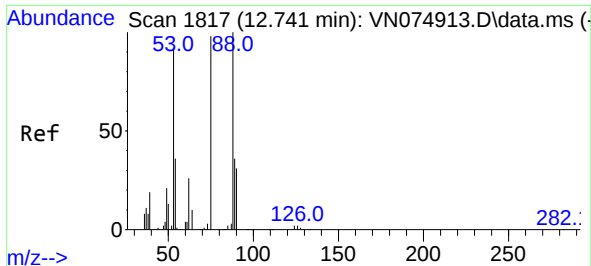
Tgt Ion: 91 Resp: 1215486  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 48.459 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:105 Resp: 1494930  
Ion Ratio Lower Upper  
105 100  
120 48.2 23.9 71.8

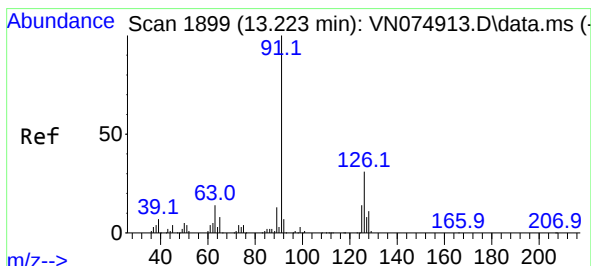
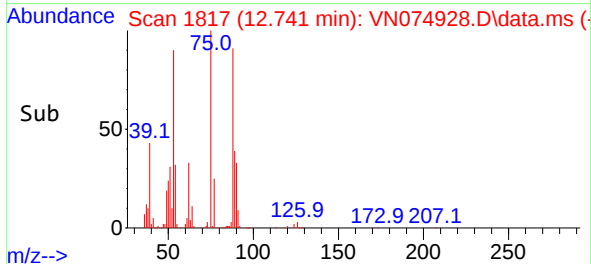
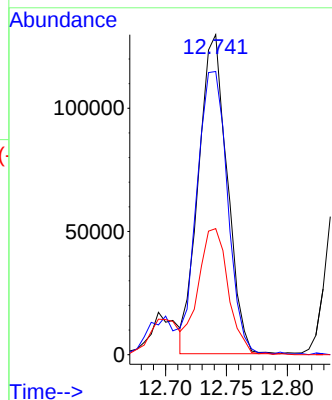
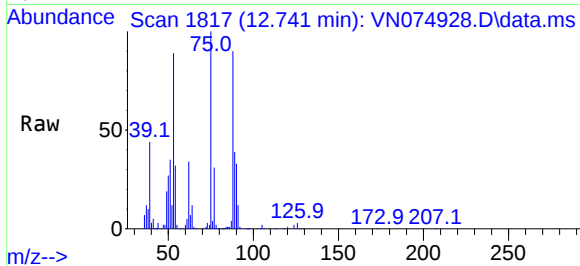




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.746 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

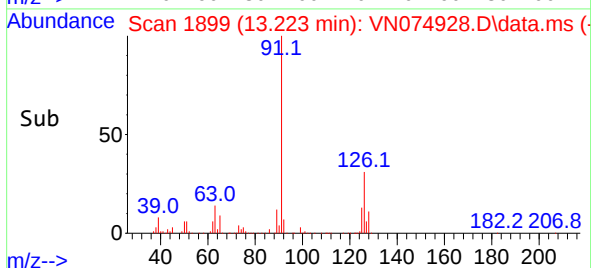
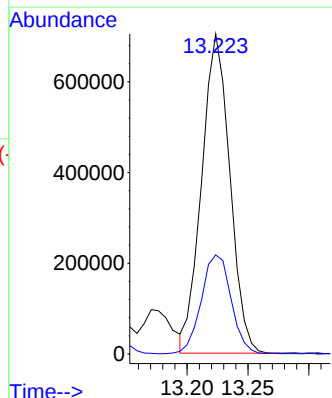
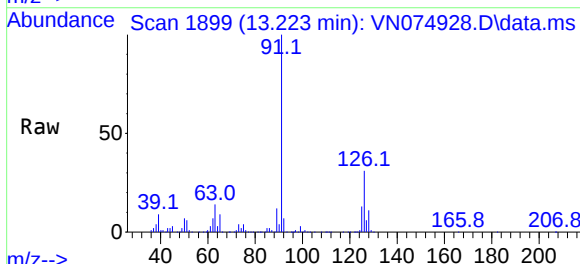
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

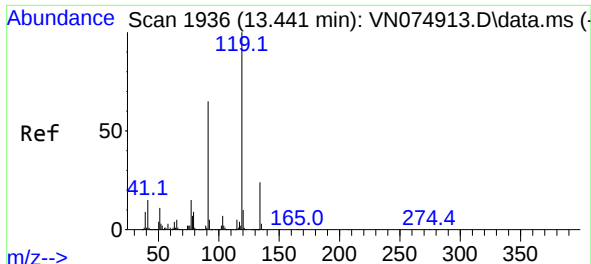
Tgt Ion: 75 Resp: 212200  
Ion Ratio Lower Upper  
75 100  
53 95.7 82.4 123.6  
89 41.8 34.7 52.1



#82  
4-Chlorotoluene  
Concen: 47.709 ug/l  
RT: 13.223 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion: 91 Resp: 1133975  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.0 47.9

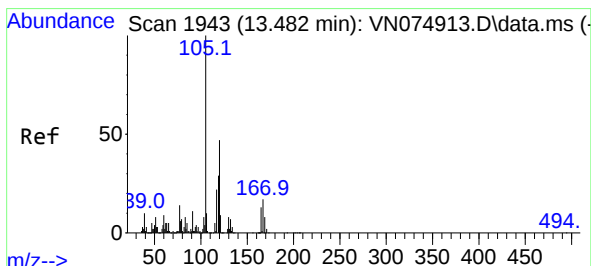
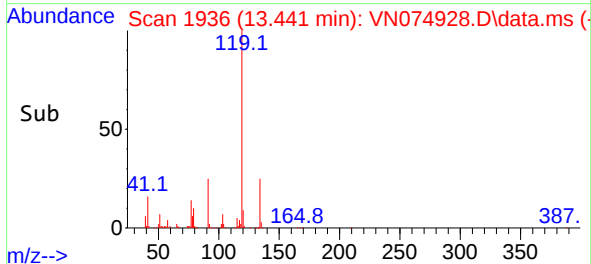
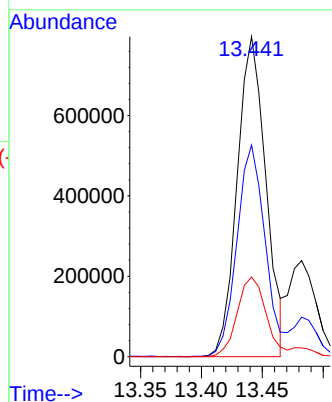
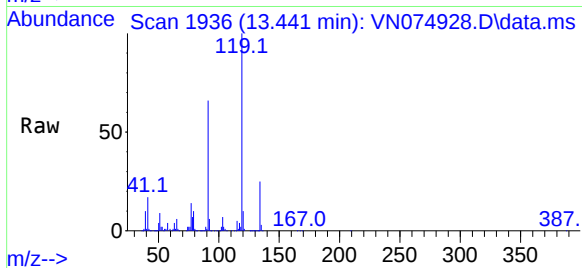




#83  
tert-Butylbenzene  
Concen: 46.217 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

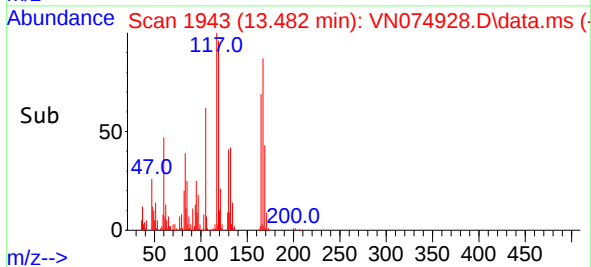
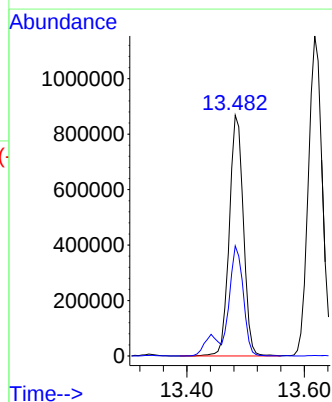
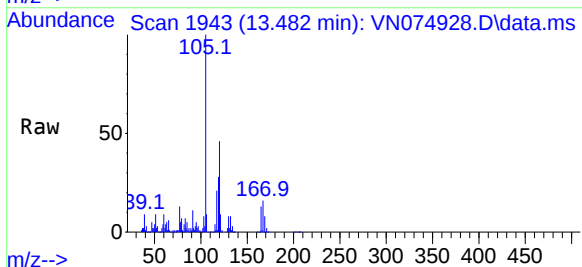
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

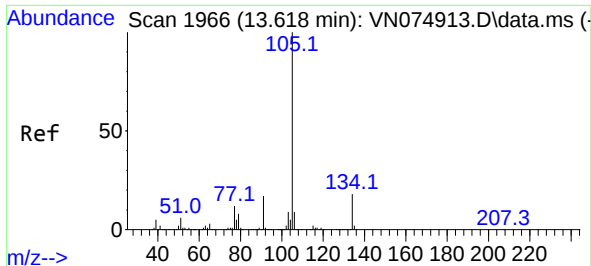
Tgt Ion:119 Resp: 1304812  
Ion Ratio Lower Upper  
119 100  
91 66.0 33.1 99.2  
134 25.0 13.1 39.3



#84  
1,2,4-Trimethylbenzene  
Concen: 48.769 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:105 Resp: 1443888  
Ion Ratio Lower Upper  
105 100  
120 44.1 21.9 65.8

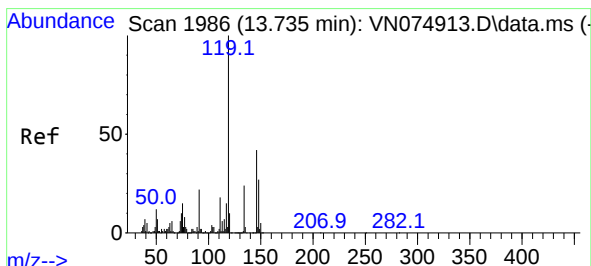
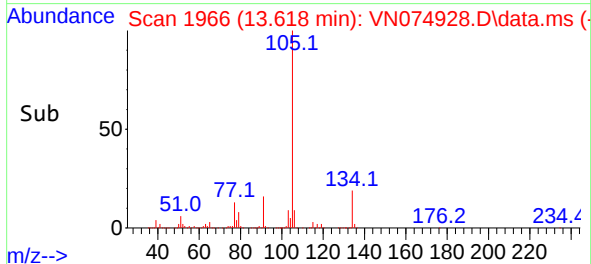
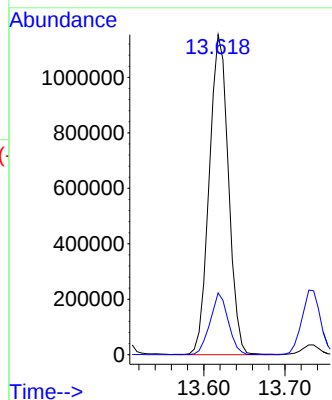
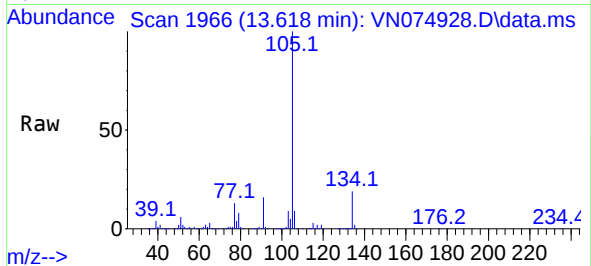




#85  
sec-Butylbenzene  
Concen: 48.902 ug/l  
RT: 13.618 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

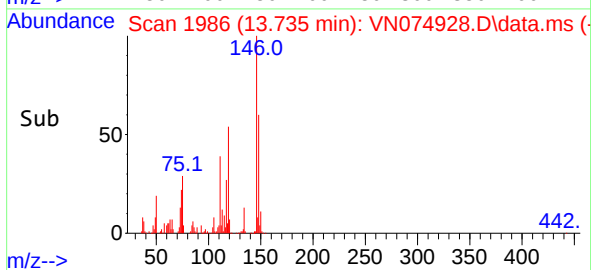
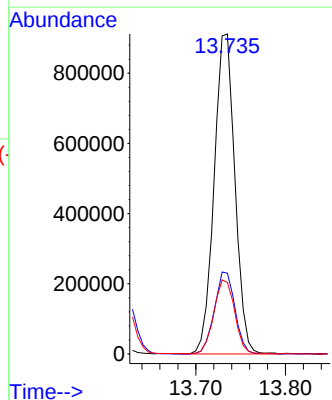
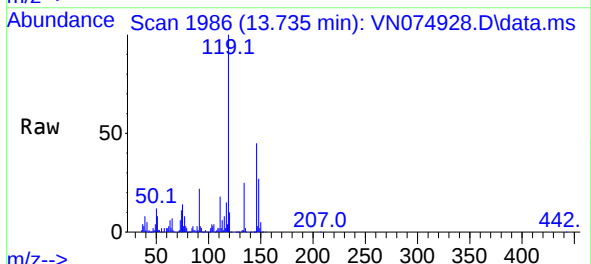
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ClientSampleId :  
VSTDCCC050EC

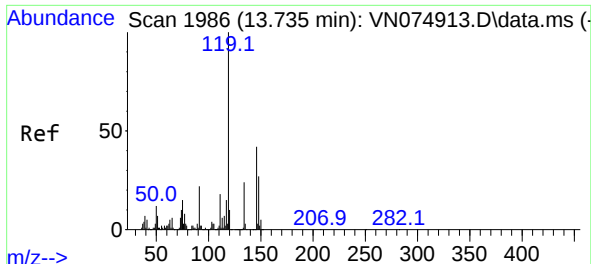
Tgt Ion:105 Resp: 1891423  
Ion Ratio Lower Upper  
105 100  
134 18.3 9.2 27.4



#86  
p-Isopropyltoluene  
Concen: 49.958 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:119 Resp: 1465905  
Ion Ratio Lower Upper  
119 100  
134 25.4 12.3 36.9  
91 23.5 11.8 35.4

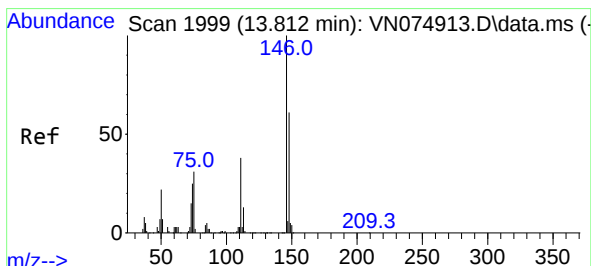
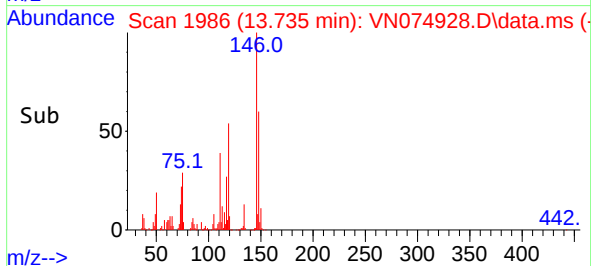
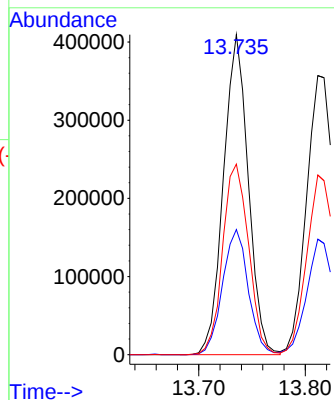
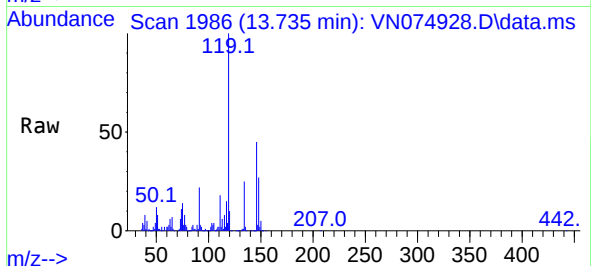




#87  
 1,3-Dichlorobenzene  
 Concen: 48.822 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. 0.000 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

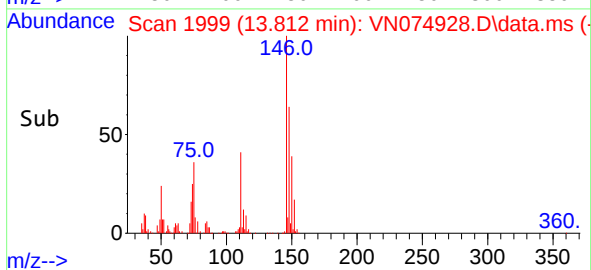
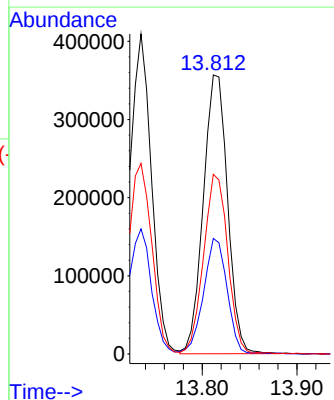
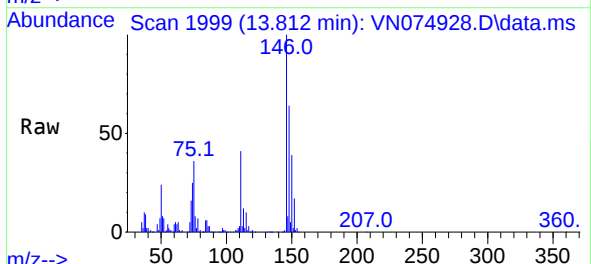
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 ClientSampleId :  
 VSTDCCC050EC

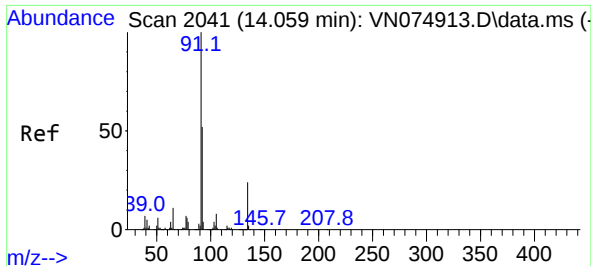
Tgt Ion:146 Resp: 662218  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 20.3 60.9  
 148 62.4 31.4 94.0



#88  
 1,4-Dichlorobenzene  
 Concen: 44.423 ug/l  
 RT: 13.812 min Scan# 1999  
 Delta R.T. 0.000 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

Tgt Ion:146 Resp: 636598  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 19.4 58.1  
 148 64.3 31.8 95.3





#89

n-Butylbenzene

Concen: 49.863 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN074928.D

Acq: 17 Oct 2022 20:33

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

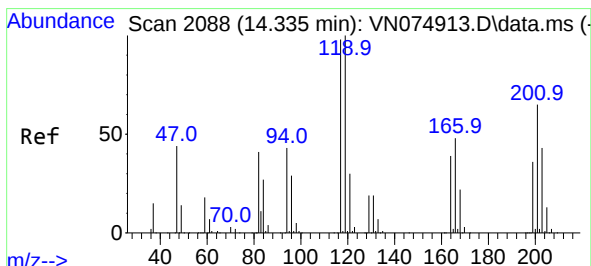
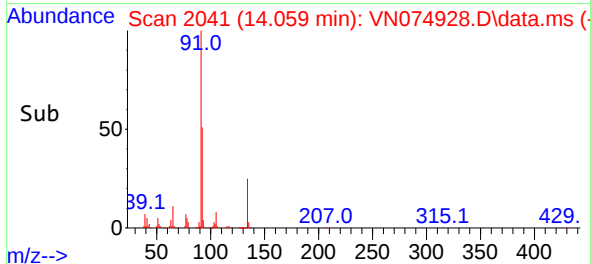
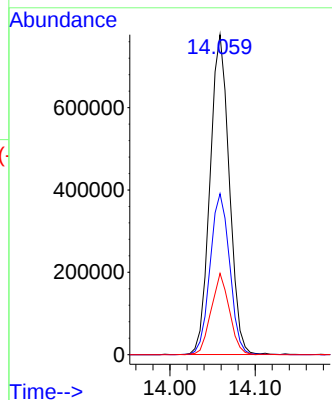
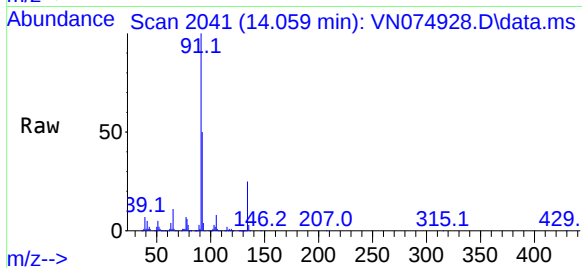
Tgt Ion: 91 Resp: 1217783

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

134 24.2 11.8 35.3



#90

Hexachloroethane

Concen: 46.895 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN074928.D

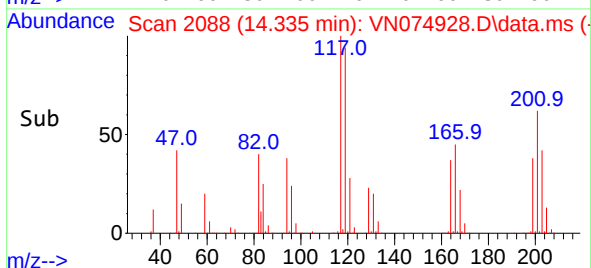
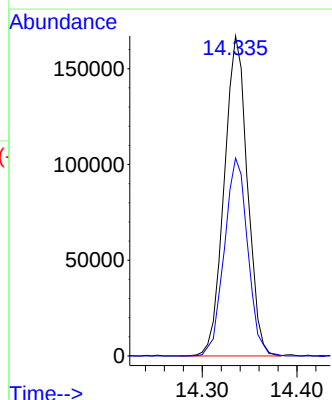
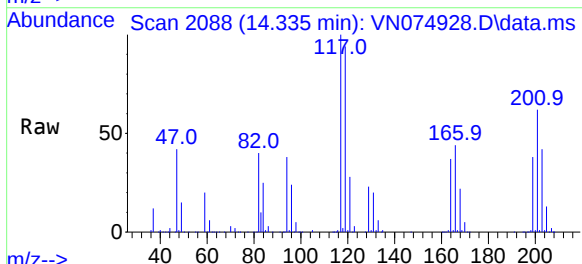
Acq: 17 Oct 2022 20:33

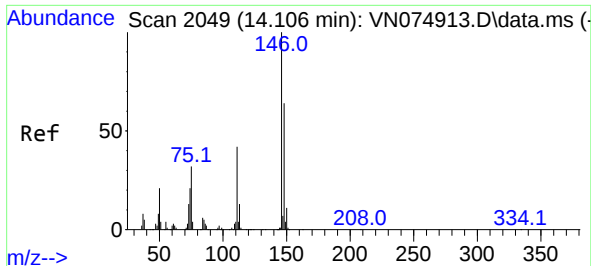
Tgt Ion: 117 Resp: 284090

Ion Ratio Lower Upper

117 100

201 62.4 31.6 95.0

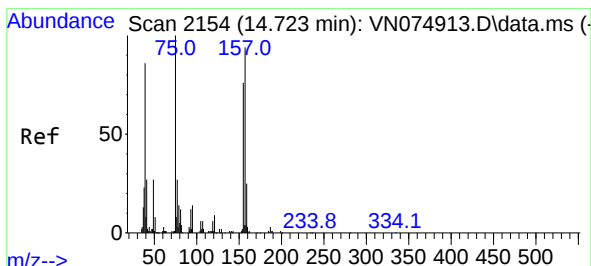
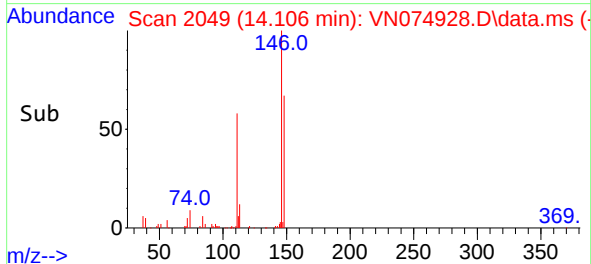
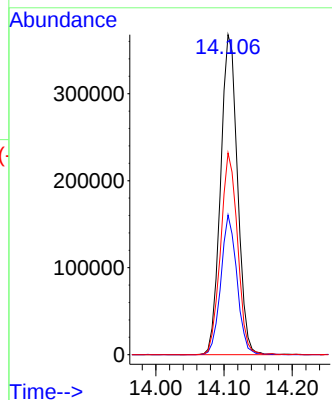
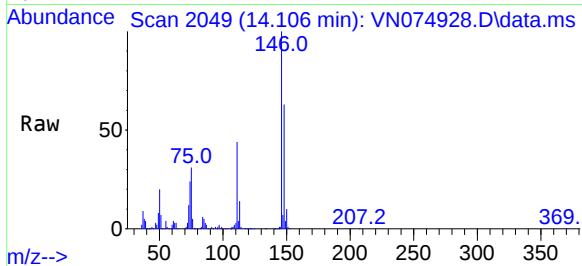




#91  
 1,2-Dichlorobenzene  
 Concen: 46.857 ug/l  
 RT: 14.106 min Scan# 2049  
 Delta R.T. 0.000 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

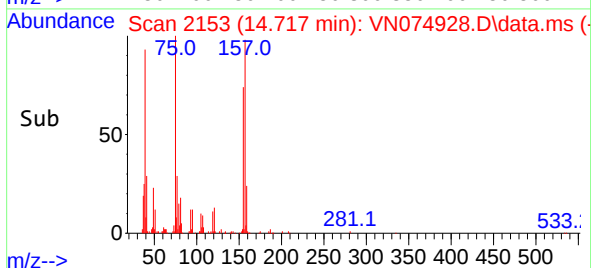
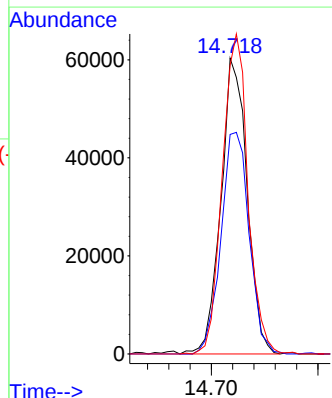
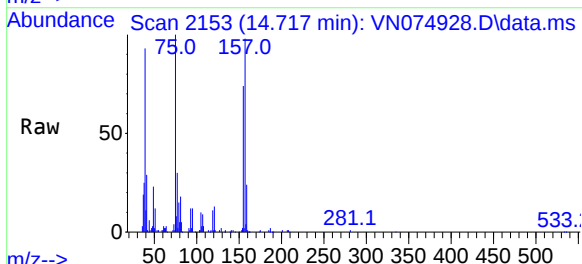
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

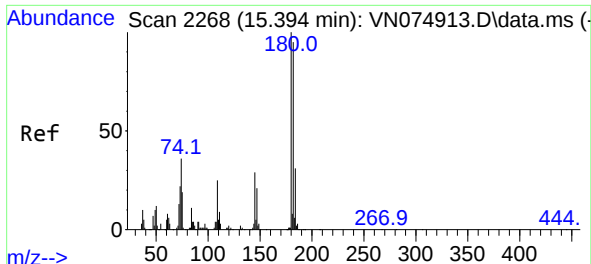
Tgt Ion:146 Resp: 634805  
 Ion Ratio Lower Upper  
 146 100  
 111 41.6 20.4 61.3  
 148 63.3 32.1 96.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.077 ug/l  
 RT: 14.717 min Scan# 2153  
 Delta R.T. -0.006 min  
 Lab File: VN074928.D  
 Acq: 17 Oct 2022 20:33

Tgt Ion: 75 Resp: 102829  
 Ion Ratio Lower Upper  
 75 100  
 155 80.5 39.9 119.6  
 157 106.0 50.6 151.8

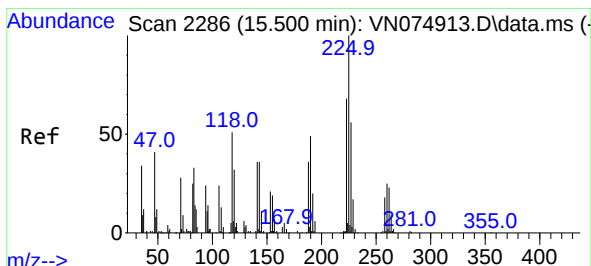
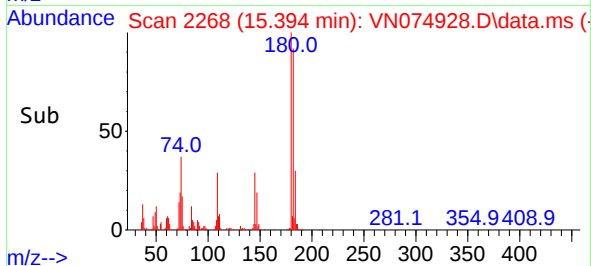
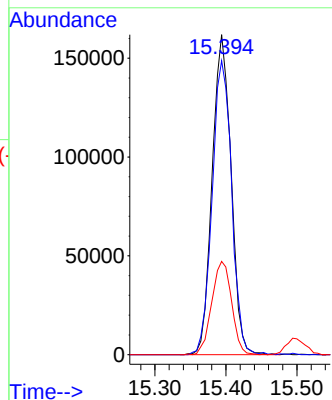
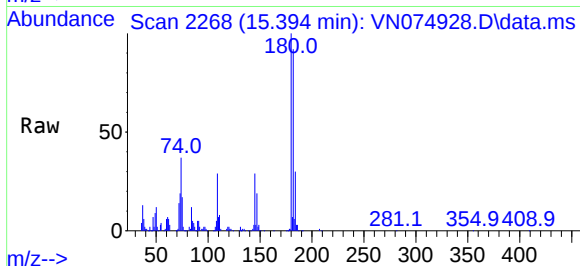




#93  
1,2,4-Trichlorobenzene  
Concen: 47.149 ug/l  
RT: 15.394 min Scan# 2268  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

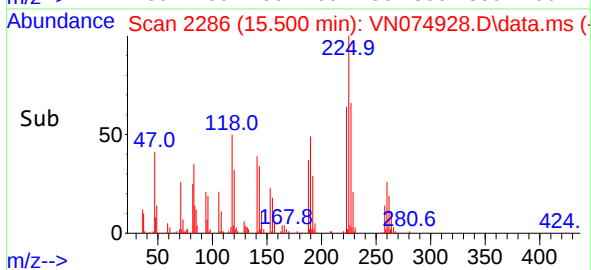
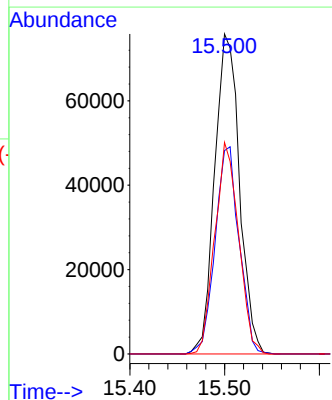
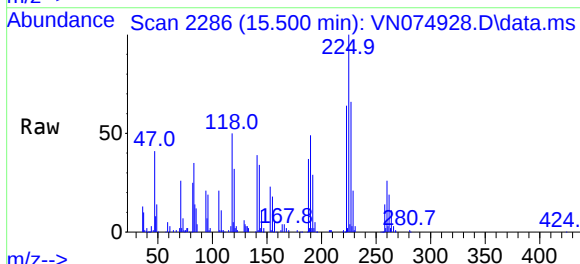
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ClientSampleId :  
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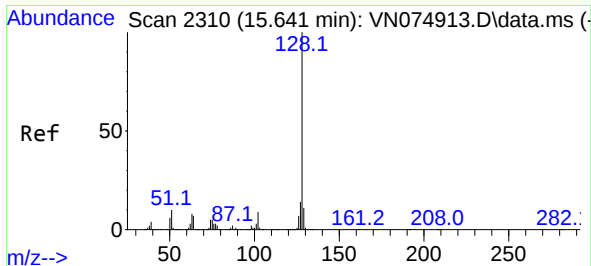
Tgt Ion:180 Resp: 298964  
Ion Ratio Lower Upper  
180 100  
182 94.9 49.1 147.3  
145 30.7 15.4 46.4



#94  
Hexachlorobutadiene  
Concen: 45.636 ug/l  
RT: 15.500 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:225 Resp: 138114  
Ion Ratio Lower Upper  
225 100  
223 62.7 29.8 89.5  
227 63.3 30.1 90.5

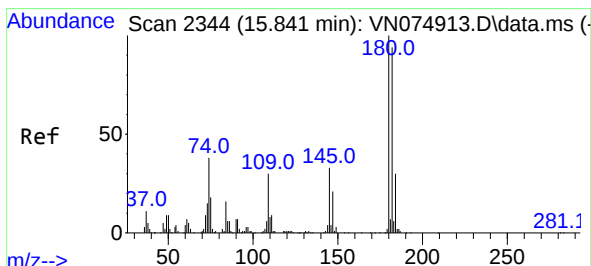
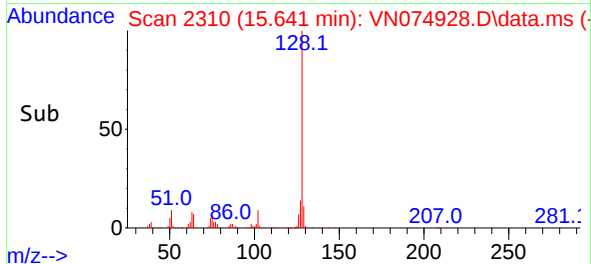
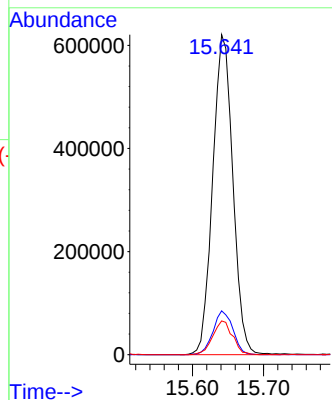
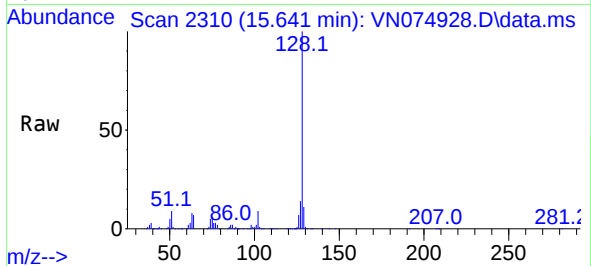




#95  
Naphthalene  
Concen: 44.656 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1220899  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.8 16.2  
129 10.4 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 45.924 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. 0.000 min  
Lab File: VN074928.D  
Acq: 17 Oct 2022 20:33

Tgt Ion:180 Resp: 303939  
Ion Ratio Lower Upper  
180 100  
182 95.9 46.9 140.6  
145 32.9 15.8 47.4

