

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100722\  
 Data File : VN074823.D  
 Acq On : 07 Oct 2022 19:57  
 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 08 03:57:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.235  | 168  | 261324   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 482566   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.871 | 117  | 532986   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 353098   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 331693   | 53.569   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 107.140% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 262662   | 53.872   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 107.740% |      |
| 50) Toluene-d8              | 10.571 | 98    | 1120297  | 53.549   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 107.100% |      |
| 62) 4-Bromofluorobenzene    | 12.853 | 95    | 351996   | 55.349   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 110.700% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.148 | 85  | 252307  | 47.079  | ug/l   | 95  |
| 3) Chloromethane             | 2.377 | 50  | 362250  | 45.452  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.530 | 62  | 558250  | 56.572  | ug/l   | 94  |
| 5) Bromomethane              | 2.936 | 94  | 432071  | 62.093  | ug/l   | 97  |
| 6) Chloroethane              | 3.112 | 64  | 427153  | 58.504  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.506 | 101 | 378574  | 48.677  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.983 | 74  | 180041  | 44.376  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.389 | 101 | 226420  | 47.522  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.612 | 142 | 285541  | 49.561  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.565 | 59  | 459191  | 221.426 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.359 | 96  | 226801  | 44.719  | ug/l   | 90  |
| 13) Acrolein                 | 4.200 | 56  | 139431  | 292.531 | ug/l   | 97  |
| 14) Allyl chloride           | 5.042 | 41  | 491286  | 47.132  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.742 | 53  | 1120580 | 247.745 | ug/l   | 99  |
| 16) Acetone                  | 4.453 | 43  | 865555  | 246.672 | ug/l   | 96  |
| 17) Carbon Disulfide         | 4.730 | 76  | 602652  | 43.482  | ug/l   | 98  |
| 18) Methyl Acetate           | 5.053 | 43  | 641966  | 49.415  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.824 | 73  | 954725  | 48.386  | ug/l   | 98  |
| 20) Methylene Chloride       | 5.294 | 84  | 295608  | 53.086  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene | 5.806 | 96  | 245923  | 45.330  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.694 | 45  | 1099311 | 49.655  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.624 | 43  | 4224164 | 232.282 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.583 | 63  | 553777  | 48.517  | ug/l   | 98  |
| 25) 2-Butanone               | 7.500 | 43  | 1606824 | 252.319 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 396939  | 42.163  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.494 | 96  | 313297  | 48.511  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.824 | 49  | 271175  | 52.655  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.853 | 42  | 1108873 | 249.838 | ug/l   | 99  |
| 30) Chloroform               | 7.977 | 83  | 541415  | 51.787  | ug/l   | 92  |
| 31) Cyclohexane              | 8.265 | 56  | 499690  | 46.692  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 8.183 | 97  | 457113  | 51.296  | ug/l   | 100 |
| 36) 1,1-Dichloropropene      | 8.383 | 75  | 387028  | 49.043  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.500 | 43  | 1606824 | 50.762  | ug/l # | 54  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 378237  | 50.824  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 497521  | 48.666  | ug/l   | 95  |
| 40) Benzene                  | 8.618 | 78  | 1278095 | 50.027  | ug/l   | 98  |

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 Acq On : 07 Oct 2022 19:57  
 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 08 03:57:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 05:37:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.794  | 41   | 337395   | 54.105  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.682  | 62   | 423916   | 52.862  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.700  | 43   | 985112   | 50.360  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 267187   | 50.215  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 355439   | 51.382  | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 214487   | 52.840  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.888  | 83   | 433073   | 52.220  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.606  | 41   | 434577   | 54.112  | ug/l # | 97       |
| 49) 1,4-Dioxane               | 9.700  | 88   | 167257   | 960.907 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 3324278  | 263.899 | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 803728   | 52.369  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 497518   | 50.349  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 526566   | 49.359  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 323268   | 52.384  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 565574   | 50.321  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 570887   | 51.328  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 1029978  | 254.073 | ug/l   | 100      |
| 59) 2-Hexanone                | 11.200 | 43   | 2585976  | 271.405 | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.365 | 129  | 324206   | 53.331  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 329052   | 52.438  | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 210335   | 48.613  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 800420   | 49.021  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 297045   | 49.823  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.965 | 91   | 1552992  | 51.027  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.076 | 106  | 1180266  | 103.307 | ug/l   | 99       |
| 69) o-Xylene                  | 12.406 | 106  | 589725   | 50.312  | ug/l   | 98       |
| 70) Styrene                   | 12.418 | 104  | 986558   | 53.390  | ug/l   | 100      |
| 71) Bromoform                 | 12.582 | 173  | 239912   | 52.753  | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.700 | 105  | 1559742  | 45.904  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 873343   | 42.511  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 573100   | 52.160  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 724015   | 68.699  | ug/l   | 64       |
| 77) Bromobenzene              | 12.982 | 156  | 322506   | 53.015  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.041 | 91   | 1801547  | 46.022  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 1058294  | 44.584  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 1281752  | 47.299  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 213934   | 39.550  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 1042094  | 47.367  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 1154195  | 49.288  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 1296315  | 47.309  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 1653236  | 48.582  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 1335831  | 50.868  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 629613   | 46.723  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 633844   | 49.798  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 1155347  | 49.915  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.335 | 117  | 259256   | 44.154  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 630220   | 48.563  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 121885   | 43.278  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 280241   | 49.368  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 123554   | 46.528  | ug/l   | 91       |
| 95) Naphthalene               | 15.647 | 128  | 1183488  | 48.224  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 286238   | 51.039  | ug/l   | 99       |

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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 08 03:57:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 05:37:50 2022  
Response via : Initial Calibration

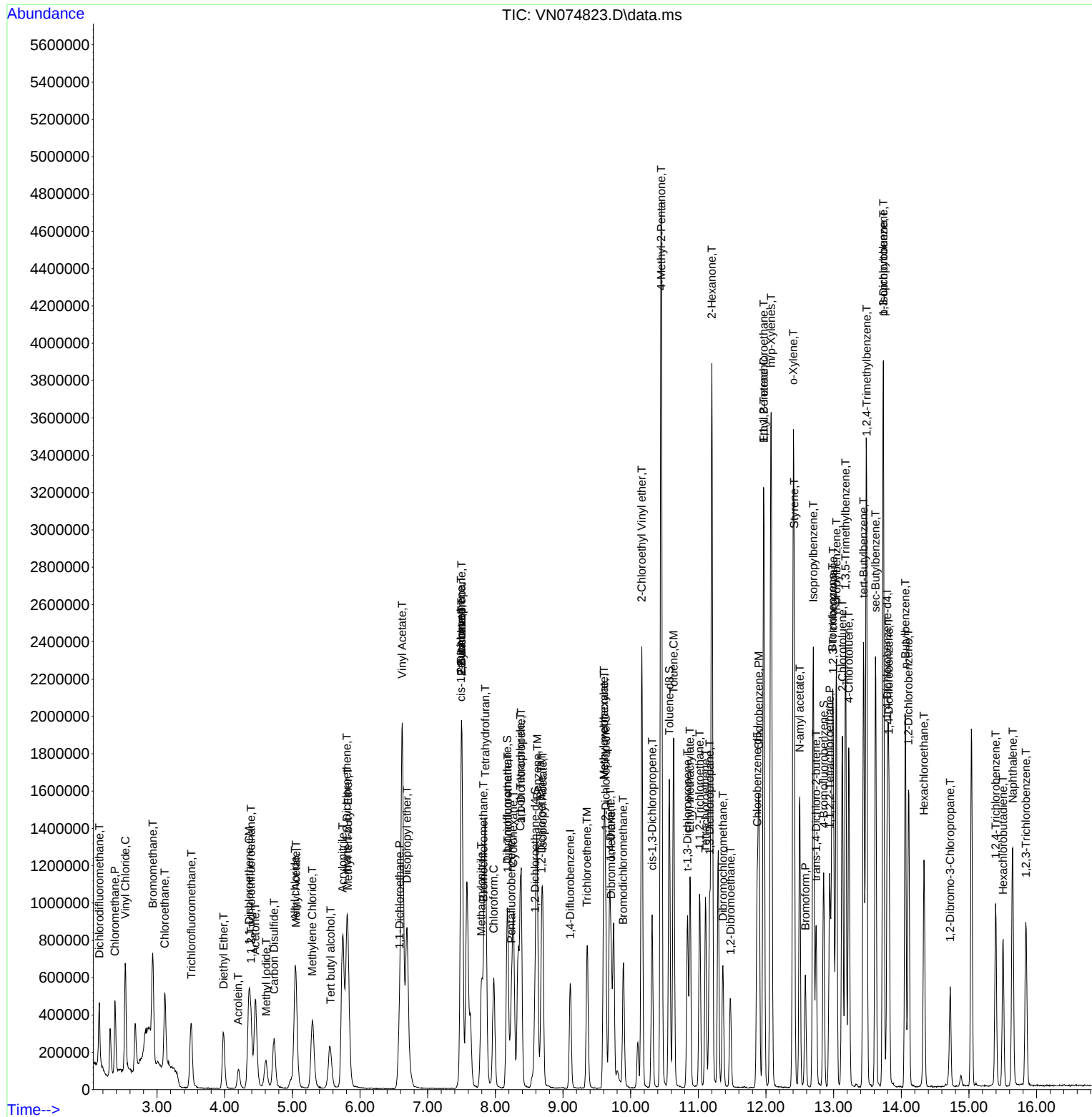
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

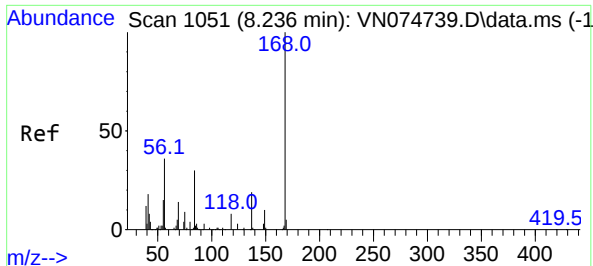
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN100722\  
Data File : VN074823.D  
Acq On : 07 Oct 2022 19:57  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 08 03:57:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N100522W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 06 05:37:50 2022  
Response via : Initial Calibration

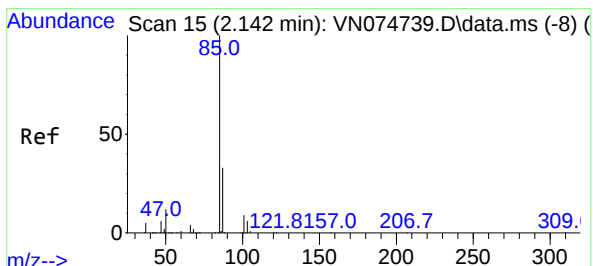
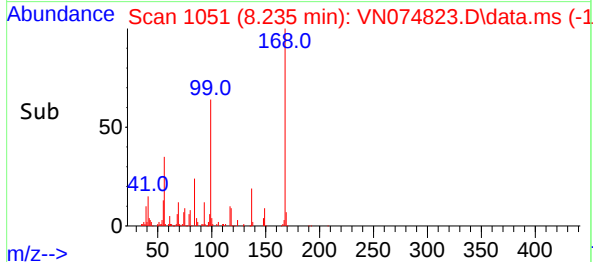
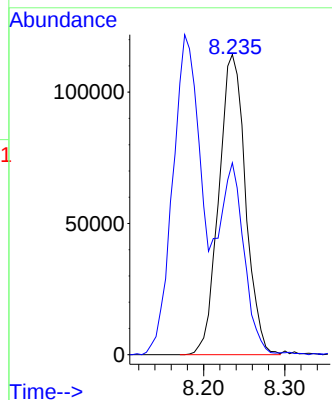
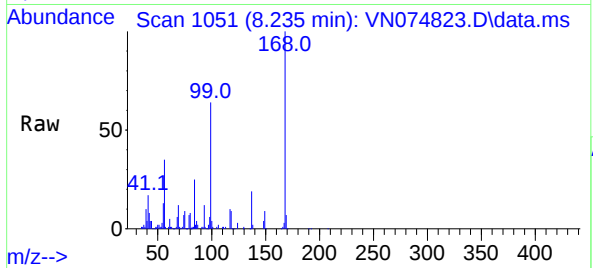




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.235 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

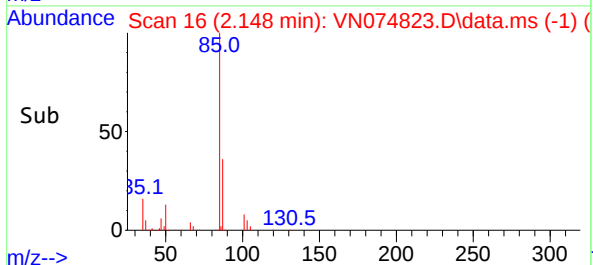
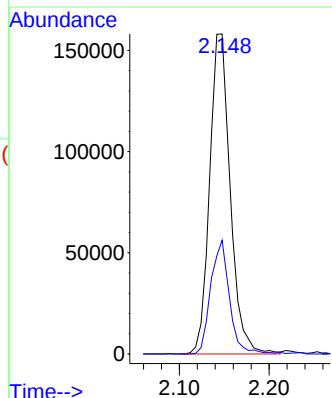
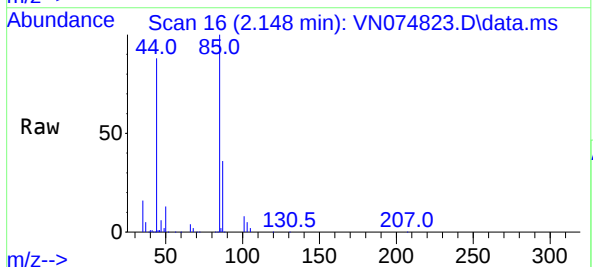
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

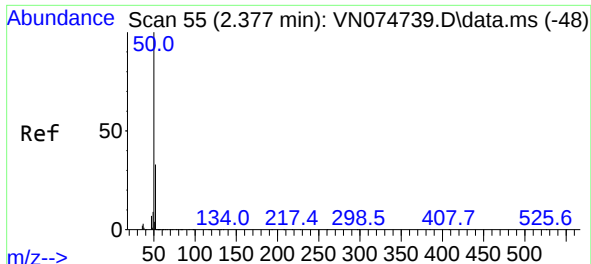
Tgt Ion:168 Resp: 261324  
Ion Ratio Lower Upper  
168 100  
99 63.3 42.8 64.2



#2  
Dichlorodifluoromethane  
Concen: 47.079 ug/l  
RT: 2.148 min Scan# 16  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 85 Resp: 252307  
Ion Ratio Lower Upper  
85 100  
87 35.5 16.3 48.9

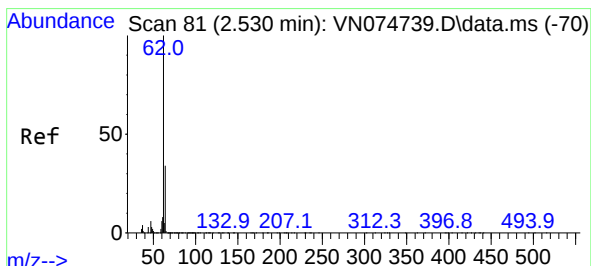
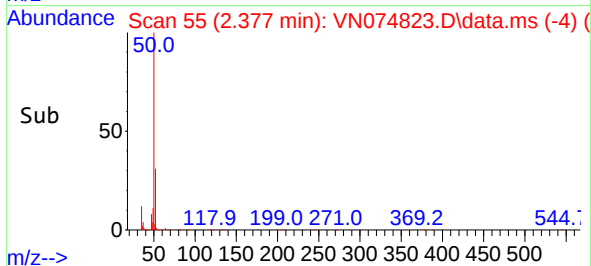
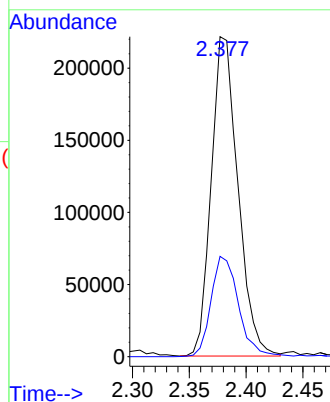
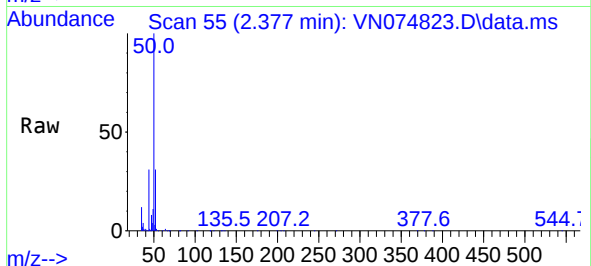




#3  
Chloromethane  
Concen: 45.452 ug/l  
RT: 2.377 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

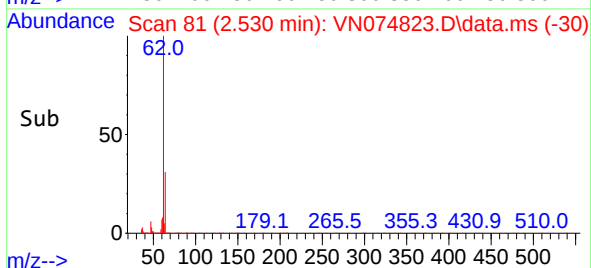
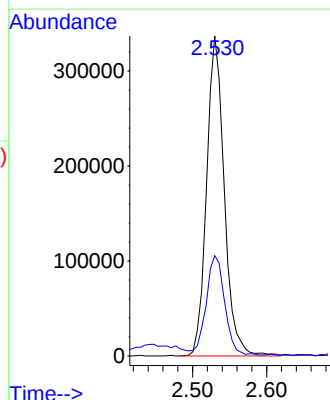
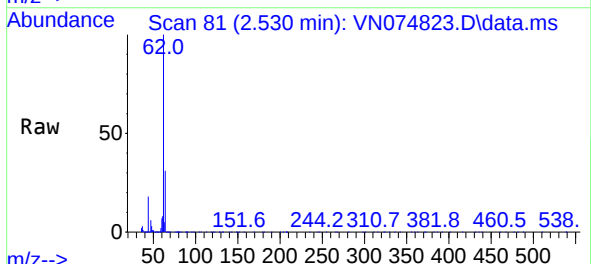
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

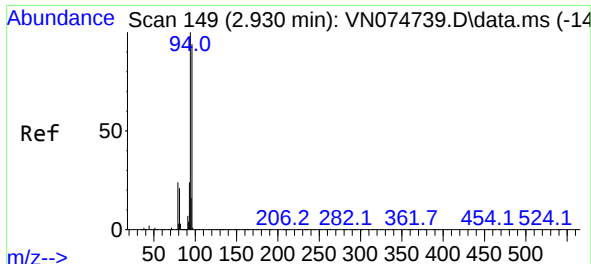
Tgt Ion: 50 Resp: 362250  
Ion Ratio Lower Upper  
50 100  
52 31.3 26.7 40.1



#4  
Vinyl Chloride  
Concen: 56.572 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 62 Resp: 558250  
Ion Ratio Lower Upper  
62 100  
64 31.1 27.4 41.2

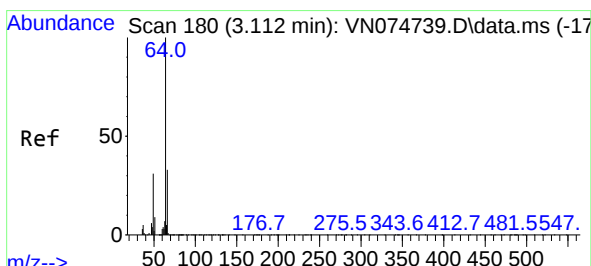
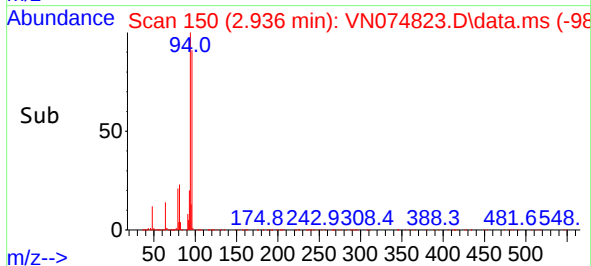
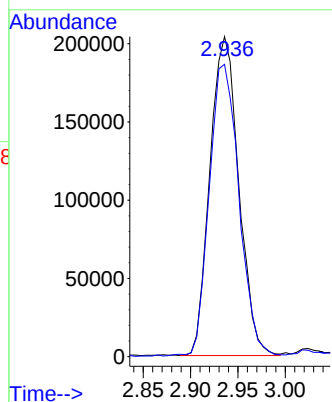
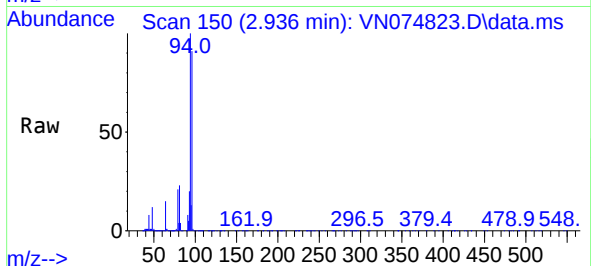




#5  
Bromomethane  
Concen: 62.093 ug/l  
RT: 2.936 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

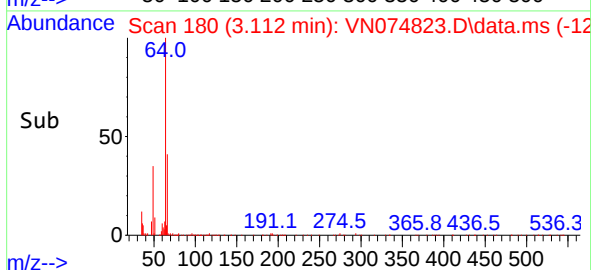
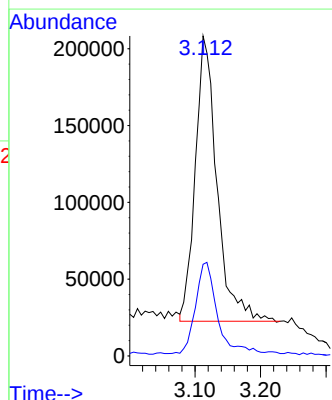
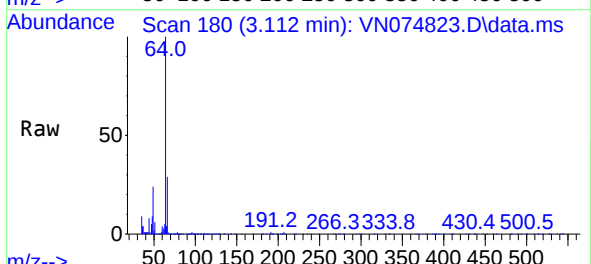
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

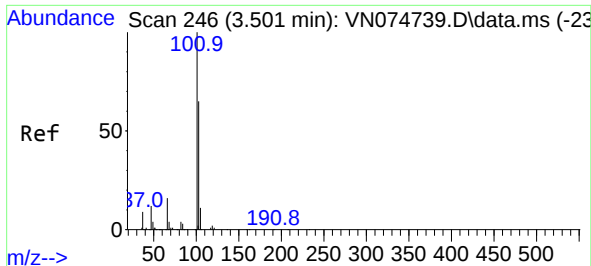
Tgt Ion: 94 Resp: 432071  
Ion Ratio Lower Upper  
94 100  
96 91.1 75.0 112.6



#6  
Chloroethane  
Concen: 58.504 ug/l  
RT: 3.112 min Scan# 180  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 64 Resp: 427153  
Ion Ratio Lower Upper  
64 100  
66 31.3 25.1 37.7

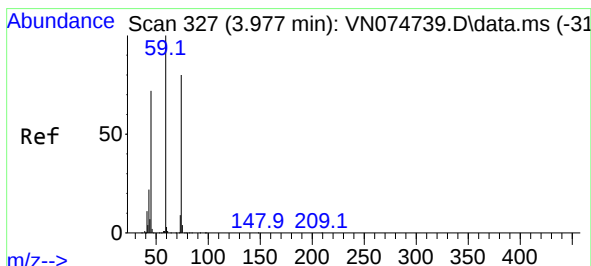
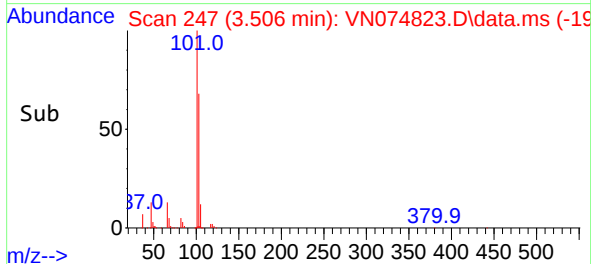
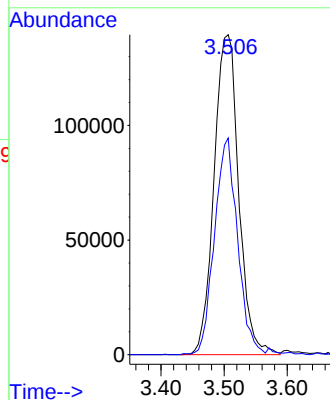
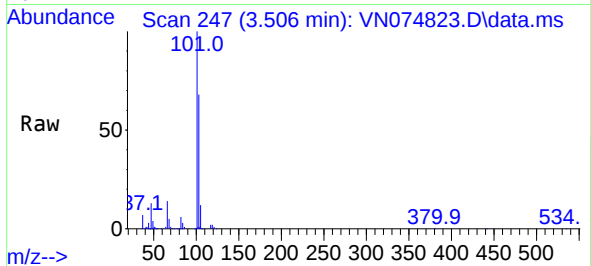




#7  
 Trichlorofluoromethane  
 Concen: 48.677 ug/l  
 RT: 3.506 min Scan# 246  
 Delta R.T. 0.006 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

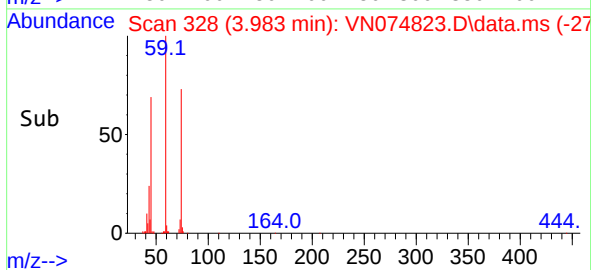
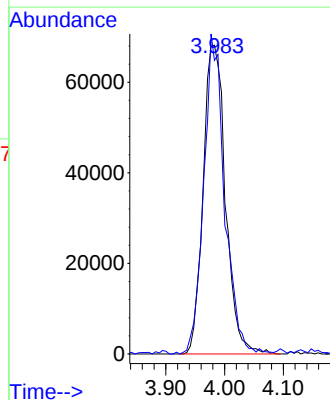
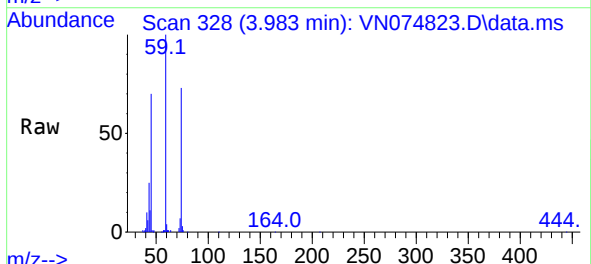
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

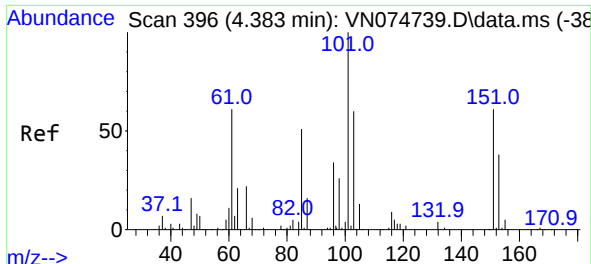
Tgt Ion:101 Resp: 378574  
 Ion Ratio Lower Upper  
 101 100  
 103 67.7 52.0 78.0



#8  
 Diethyl Ether  
 Concen: 44.376 ug/l  
 RT: 3.983 min Scan# 328  
 Delta R.T. 0.006 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

Tgt Ion: 74 Resp: 180041  
 Ion Ratio Lower Upper  
 74 100  
 45 95.8 48.2 144.6

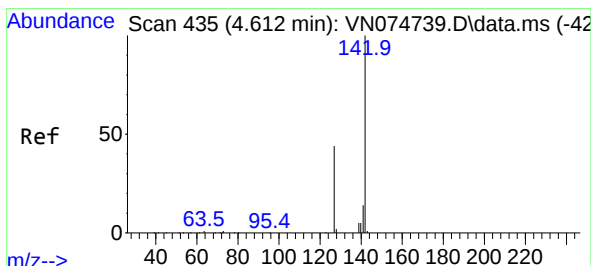
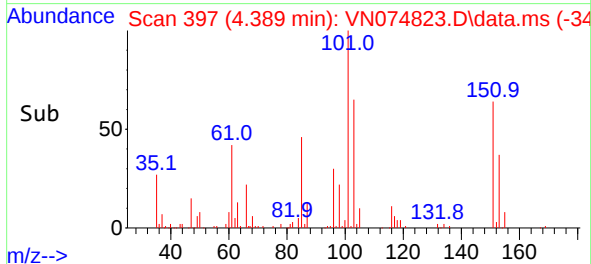
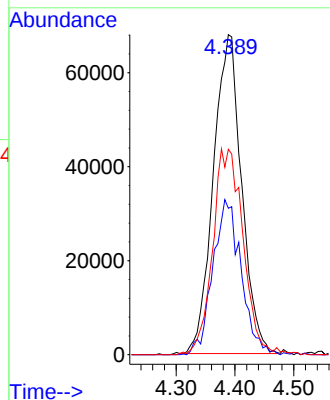
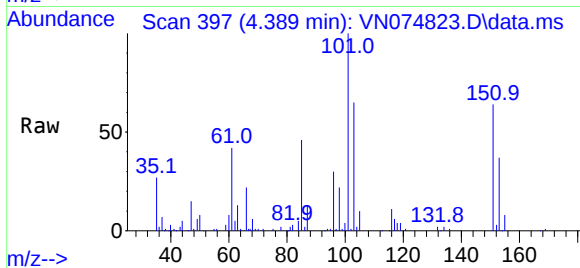




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.522 ug/l  
RT: 4.389 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

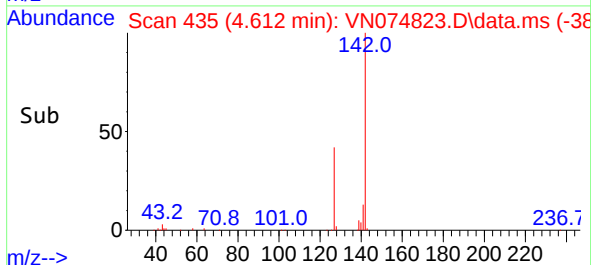
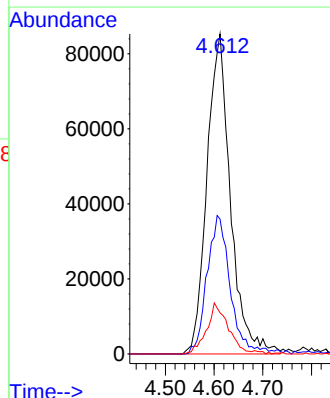
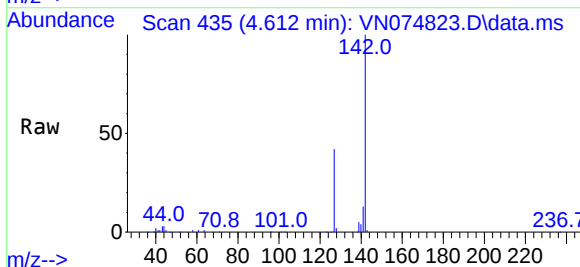
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

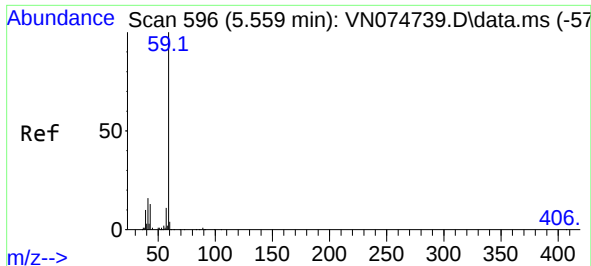
Tgt Ion:101 Resp: 226420  
Ion Ratio Lower Upper  
101 100  
85 48.7 37.4 56.0  
151 68.9 55.0 82.4



#10  
Methyl Iodide  
Concen: 49.561 ug/l  
RT: 4.612 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:142 Resp: 285541  
Ion Ratio Lower Upper  
142 100  
127 42.6 34.4 51.6  
141 14.5 11.0 16.6





#11

Tert butyl alcohol

Concen: 221.426 ug/l

RT: 5.565 min Scan# 59

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

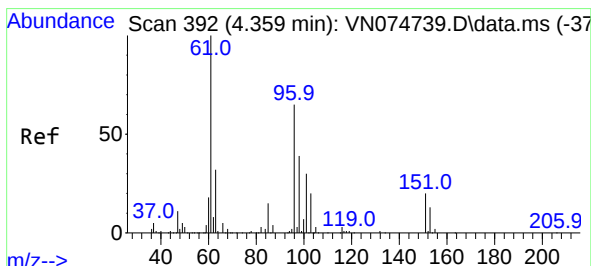
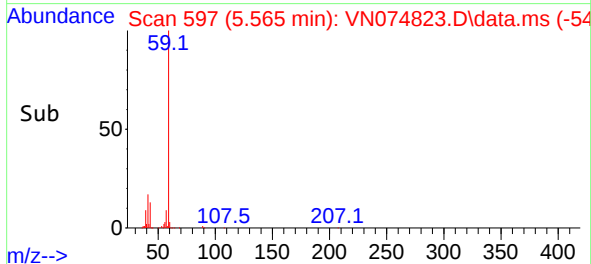
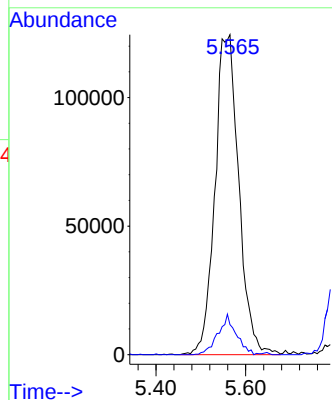
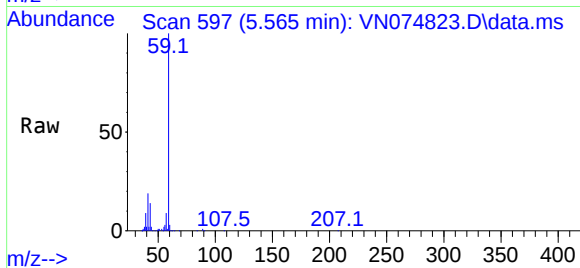
VSTDCCC050EC

Tgt Ion: 59 Resp: 459191

Ion Ratio Lower Upper

59 100

57 9.6 7.7 11.5



#12

1,1-Dichloroethene

Concen: 44.719 ug/l

RT: 4.359 min Scan# 392

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

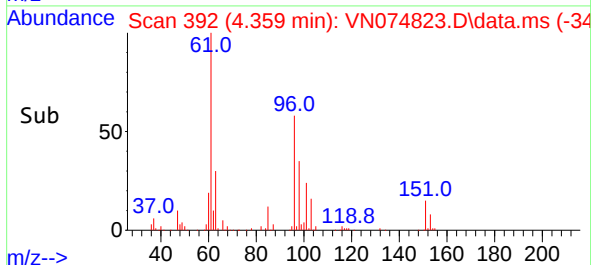
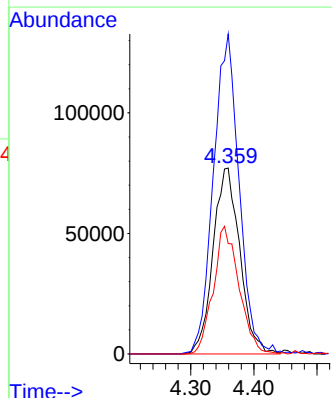
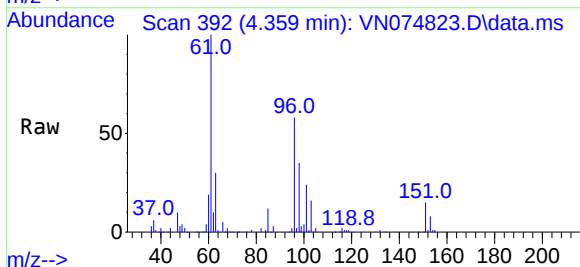
Tgt Ion: 96 Resp: 226801

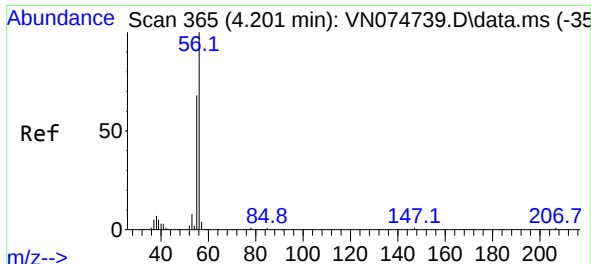
Ion Ratio Lower Upper

96 100

61 172.2 123.9 185.9

98 59.4 48.8 73.2

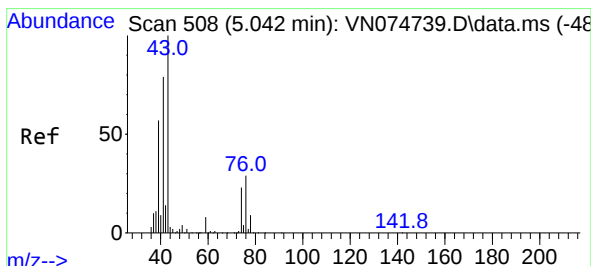
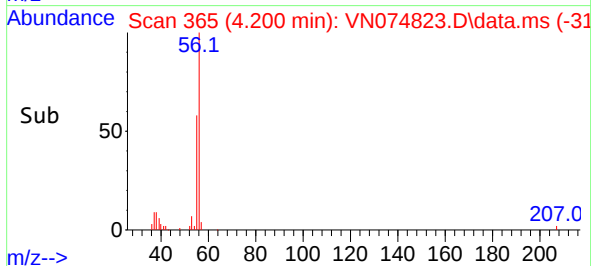
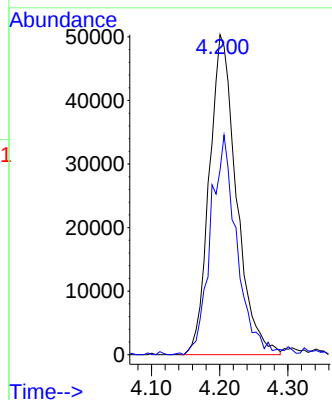
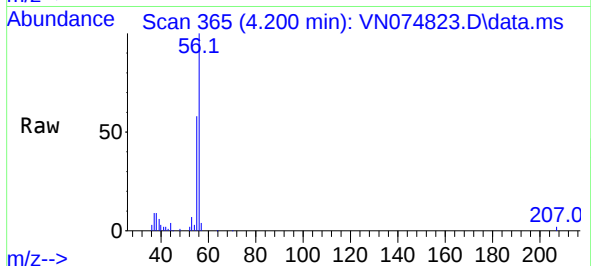




#13  
Acrolein  
Concen: 292.531 ug/l  
RT: 4.200 min Scan# 365  
Delta R.T. -0.001 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

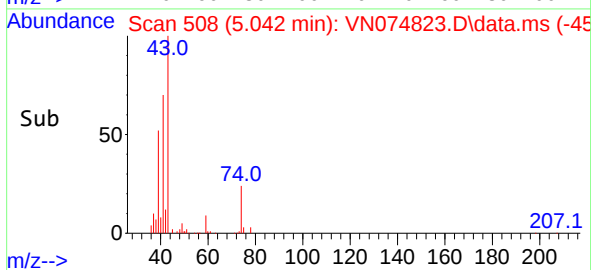
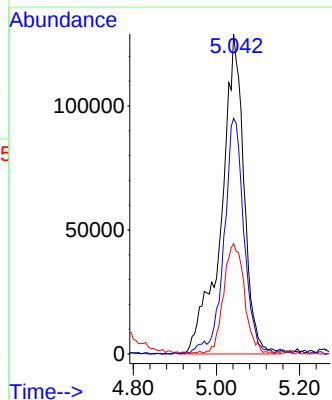
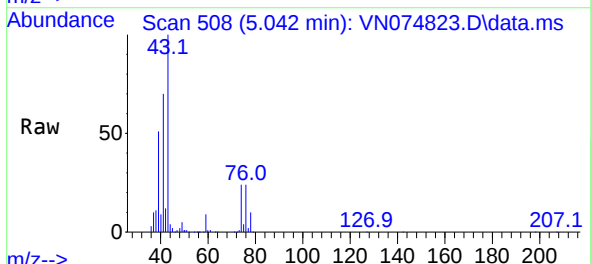
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

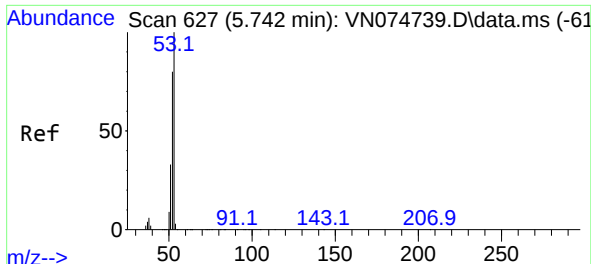
Tgt Ion: 56 Resp: 139431  
Ion Ratio Lower Upper  
56 100  
55 66.1 54.9 82.3



#14  
Allyl chloride  
Concen: 47.132 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

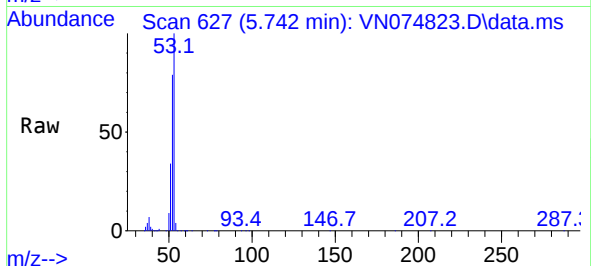
Tgt Ion: 41 Resp: 491286  
Ion Ratio Lower Upper  
41 100  
39 64.1 50.2 75.2  
76 31.2 25.6 38.4





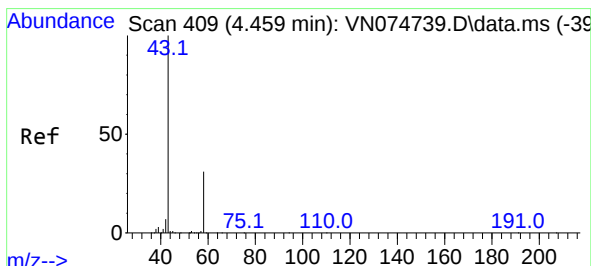
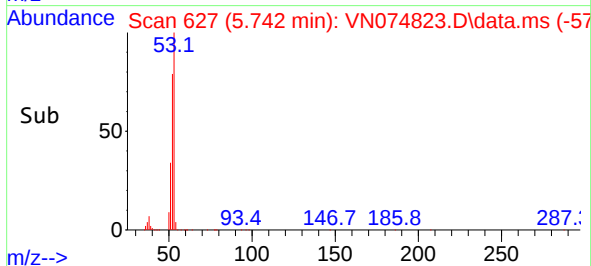
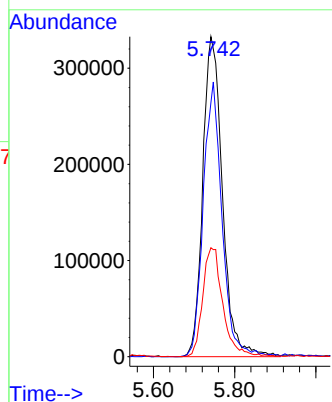
#15  
Acrylonitrile  
Concen: 247.745 ug/l  
RT: 5.742 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 1120580

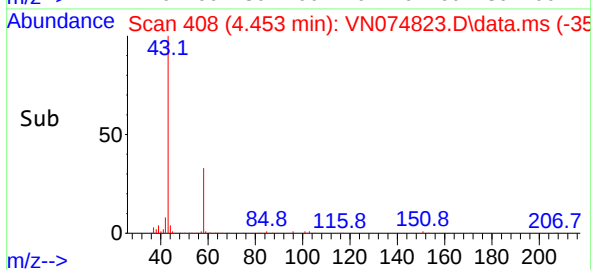
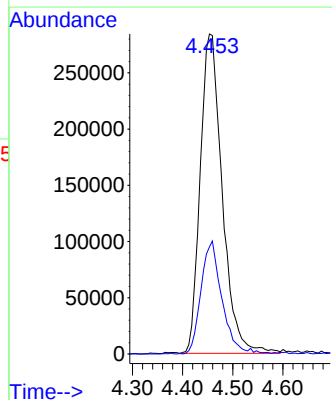
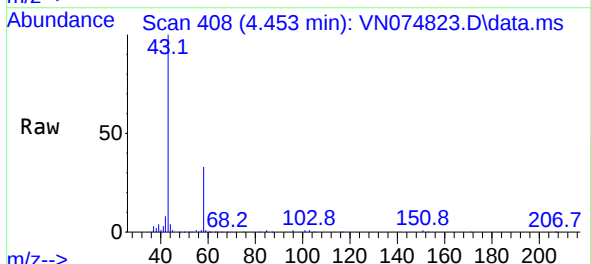
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.9  | 64.3  | 96.5  |
| 51  | 34.9  | 27.5  | 41.3  |

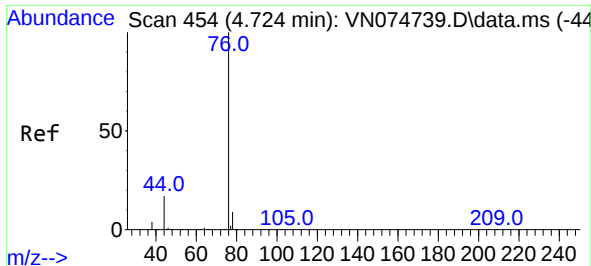


#16  
Acetone  
Concen: 246.672 ug/l  
RT: 4.453 min Scan# 408  
Delta R.T. -0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 43 Resp: 865555

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 33.3  | 24.9  | 37.3  |

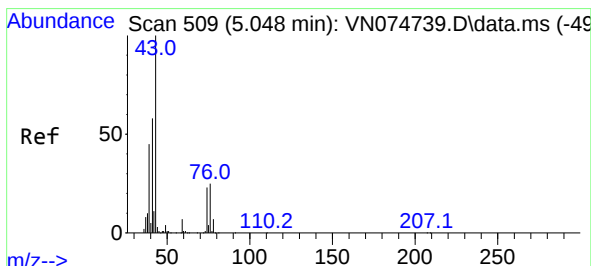
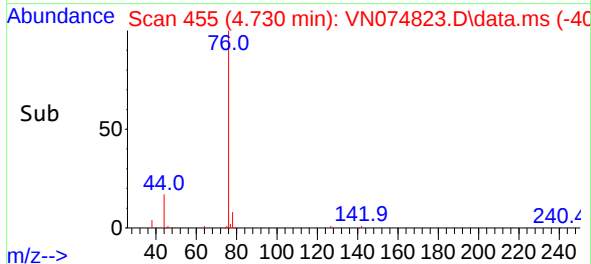
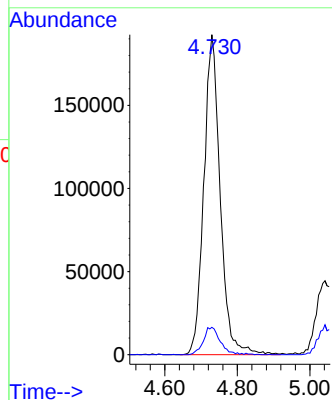
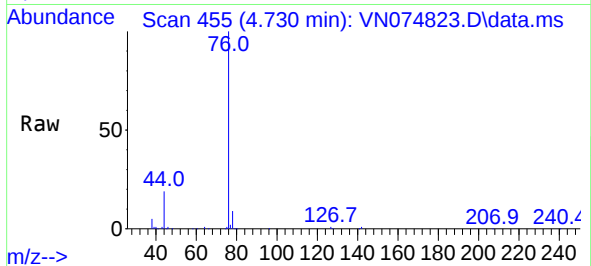




#17  
Carbon Disulfide  
Concen: 43.482 ug/l  
RT: 4.730 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

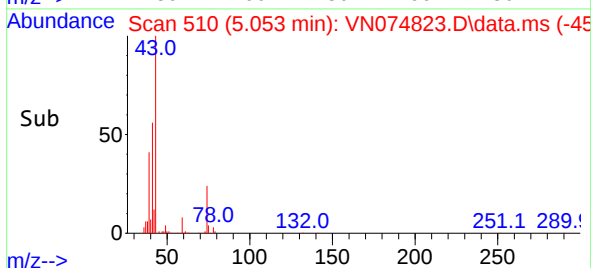
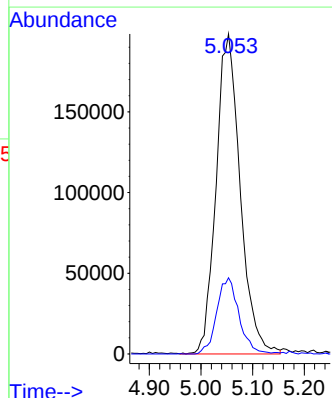
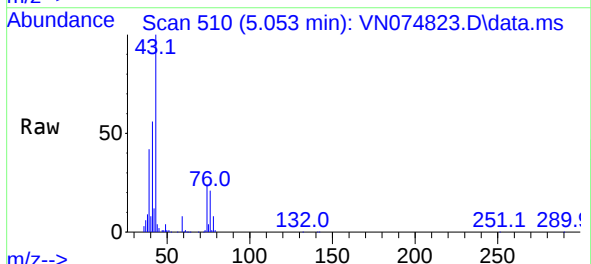
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

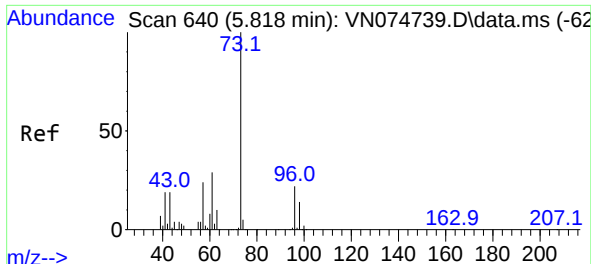
Tgt Ion: 76 Resp: 602652  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 49.415 ug/l  
RT: 5.053 min Scan# 510  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 43 Resp: 641966  
Ion Ratio Lower Upper  
43 100  
74 21.9 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 48.386 ug/l

RT: 5.824 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

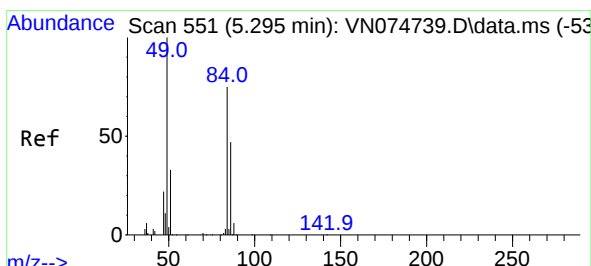
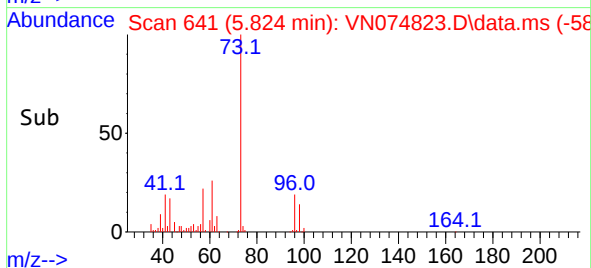
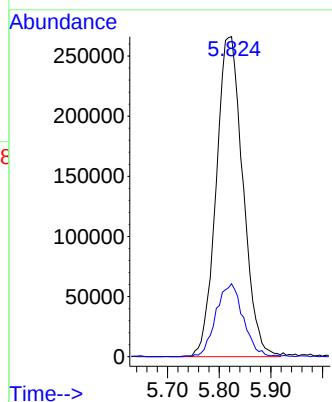
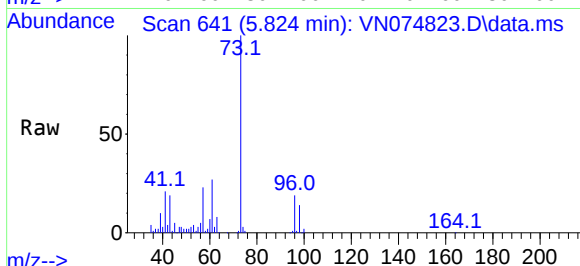
VSTDCCC050EC

Tgt Ion: 73 Resp: 954725

Ion Ratio Lower Upper

73 100

57 22.8 19.0 28.4



#20

Methylene Chloride

Concen: 53.086 ug/l

RT: 5.294 min Scan# 551

Delta R.T. -0.001 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Tgt Ion: 84 Resp: 295608

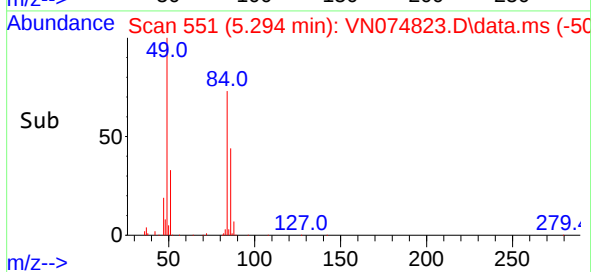
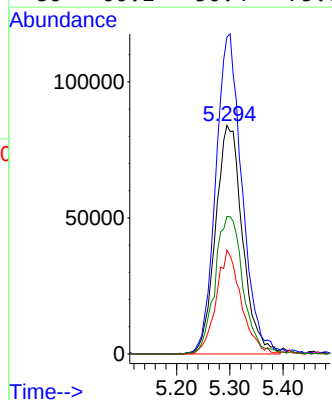
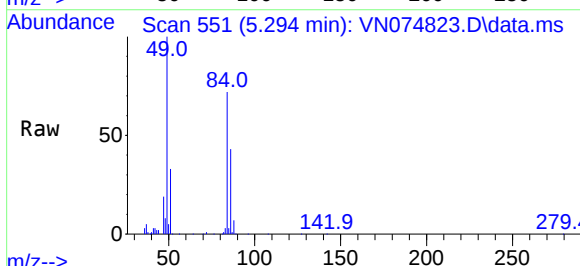
Ion Ratio Lower Upper

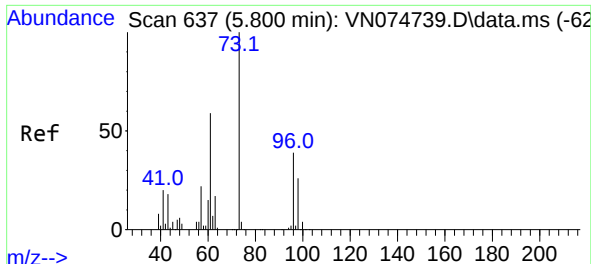
84 100

49 138.7 107.4 161.0

51 45.0 35.1 52.7

86 60.1 50.4 75.6

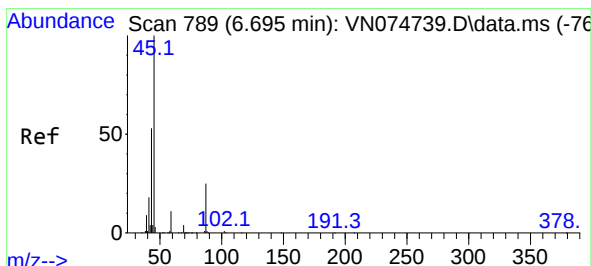
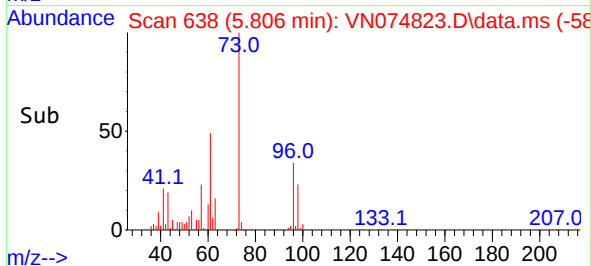
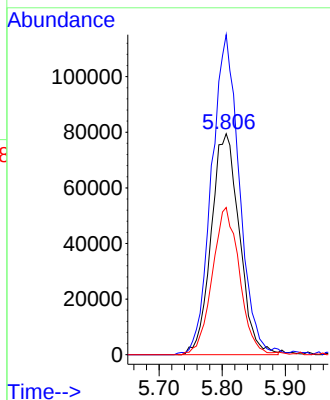
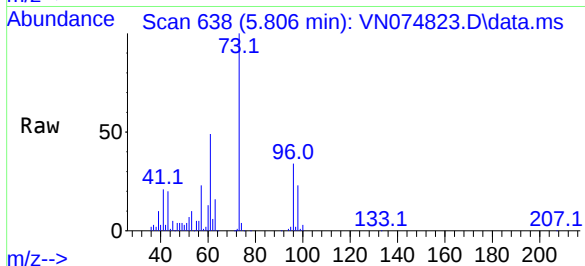




#21  
trans-1,2-Dichloroethene  
Concen: 45.330 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

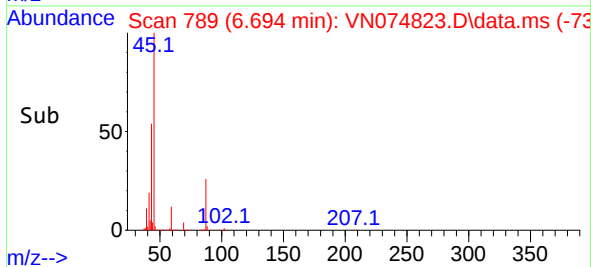
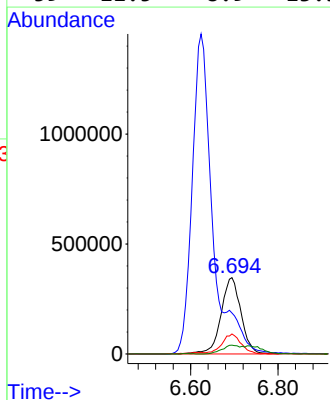
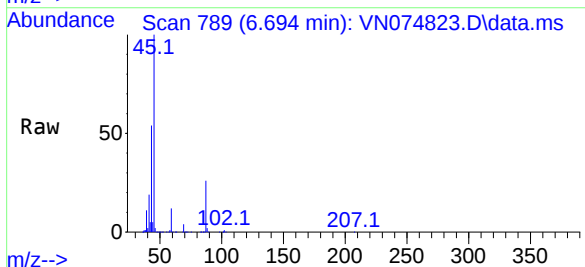
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

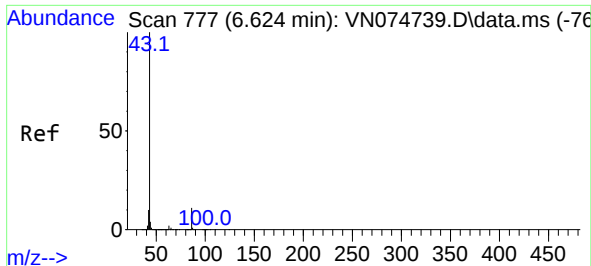
Tgt Ion: 96 Resp: 245923  
Ion Ratio Lower Upper  
96 100  
61 144.2 121.5 182.3  
98 66.7 53.8 80.8



#22  
Diisopropyl ether  
Concen: 49.655 ug/l  
RT: 6.694 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 45 Resp: 1099311  
Ion Ratio Lower Upper  
45 100  
43 52.4 42.7 64.1  
87 26.2 19.6 29.4  
59 11.5 8.9 13.3

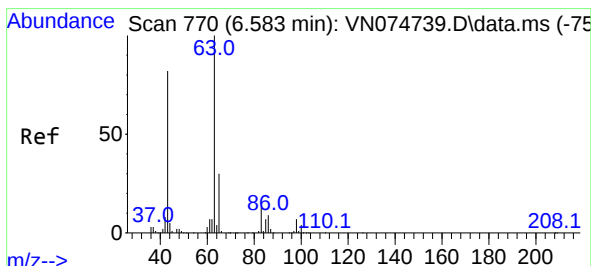
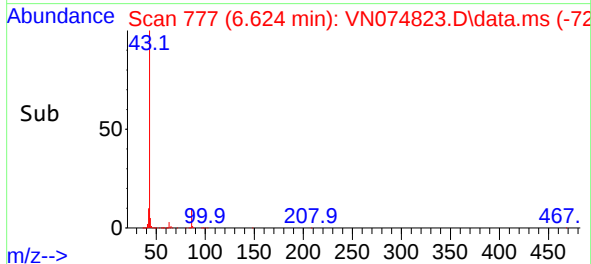
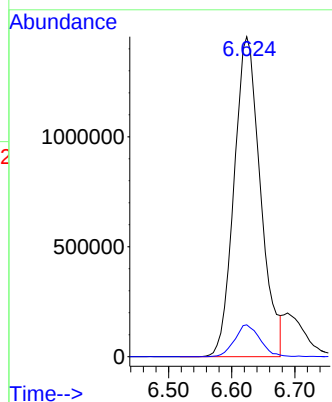
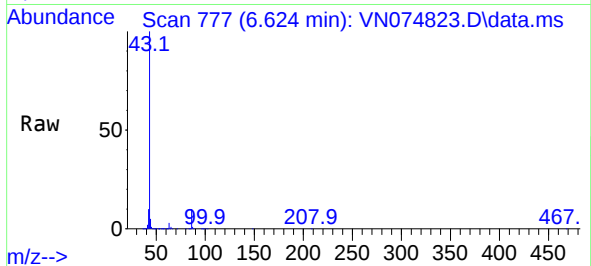




#23  
 Vinyl Acetate  
 Concen: 232.282 ug/l  
 RT: 6.624 min Scan# 71  
 Delta R.T. -0.000 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

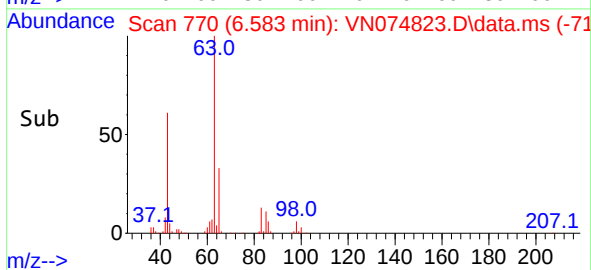
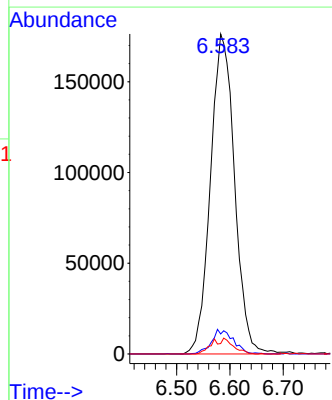
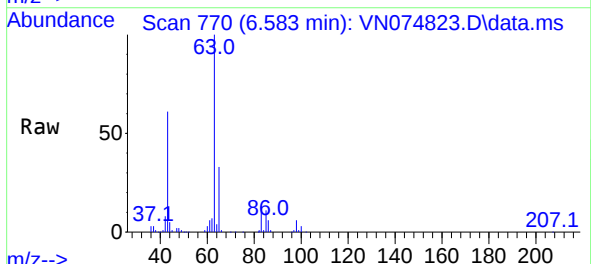
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 ClientSampleId :  
 VSTDCCC050EC

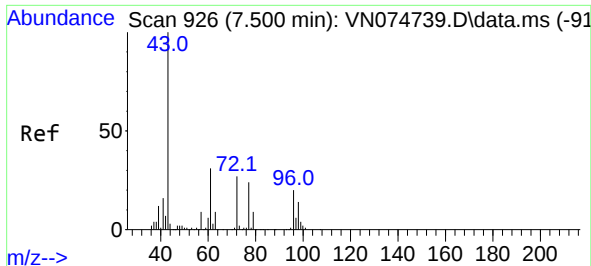
Tgt Ion: 43 Resp: 4224164  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.4 12.6



#24  
 1,1-Dichloroethane  
 Concen: 48.517 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

Tgt Ion: 63 Resp: 553777  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.5 10.4  
 100 3.3 1.8 5.5

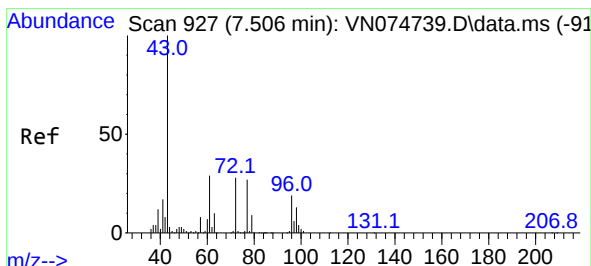
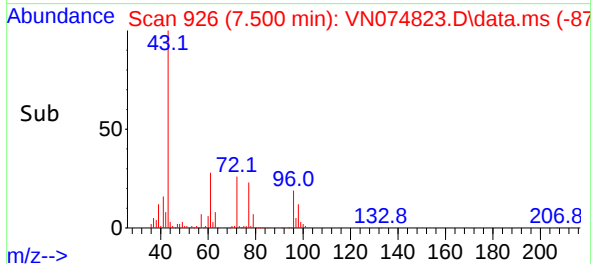
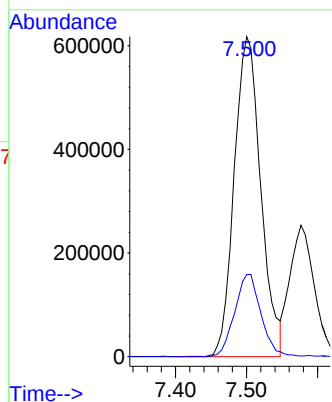
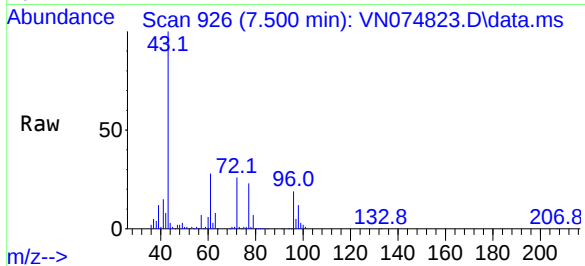




#25  
2-Butanone  
Concen: 252.319 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

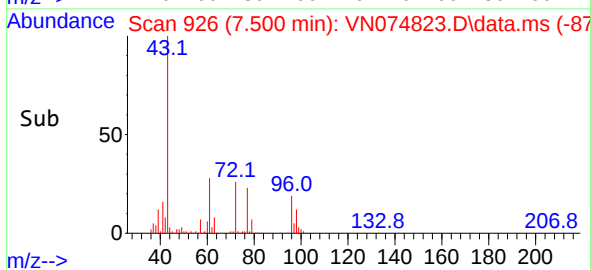
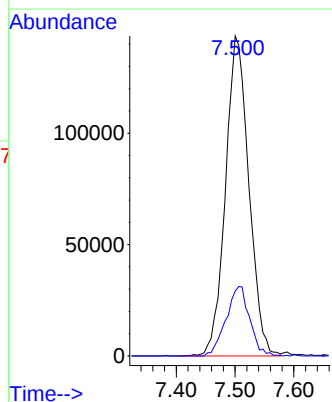
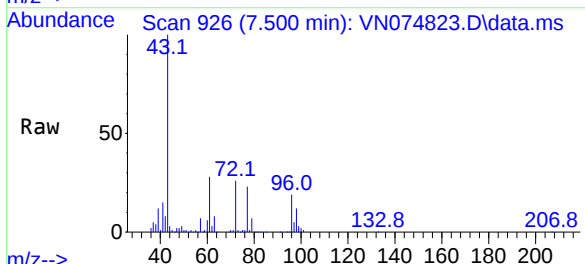
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ClientSampleId :  
VSTDCCC050EC

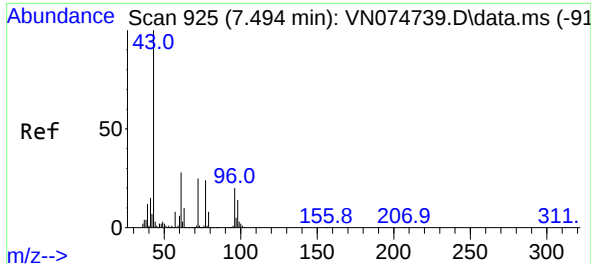
Tgt Ion: 43 Resp: 1606824  
Ion Ratio Lower Upper  
43 100  
72 25.6 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 42.163 ug/l  
RT: 7.500 min Scan# 926  
Delta R.T. -0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 77 Resp: 396939  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.8 35.3

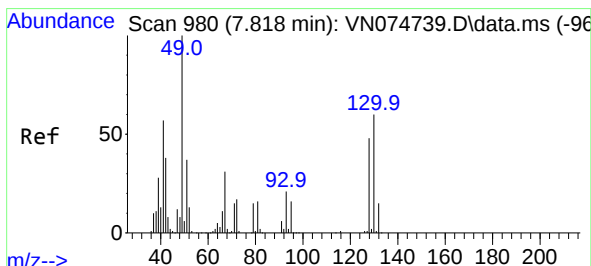
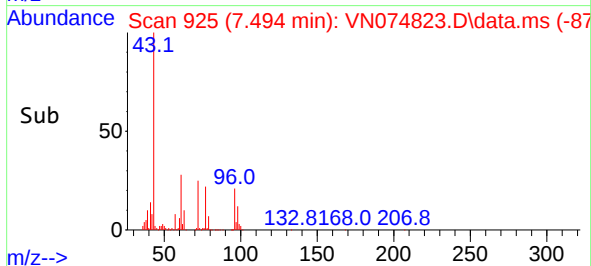
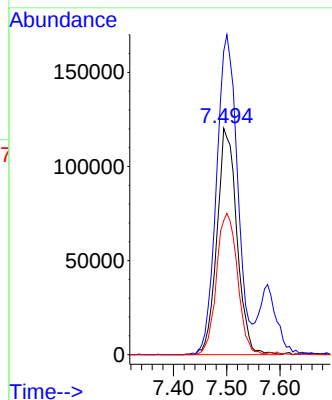
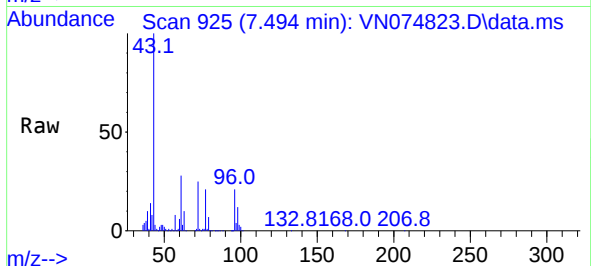




#27  
cis-1,2-Dichloroethene  
Concen: 48.511 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

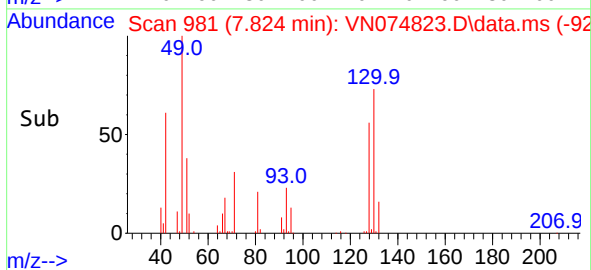
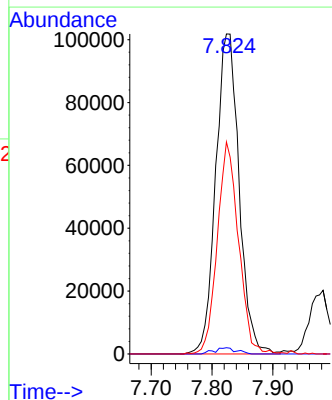
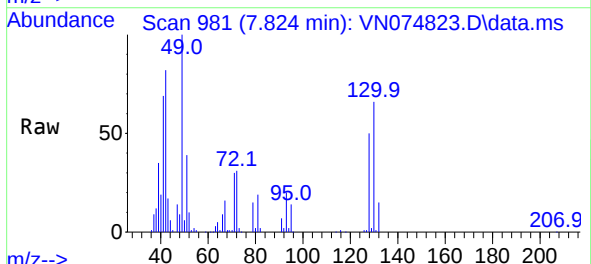
Instrument :  
MSVOA\_N  
ClientSampleId :  
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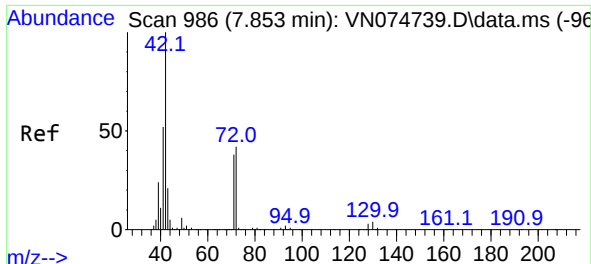
Tgt Ion: 96 Resp: 313297  
Ion Ratio Lower Upper  
96 100  
61 148.4 0.0 303.2  
98 65.6 0.0 131.0



#28  
Bromochloromethane  
Concen: 52.655 ug/l  
RT: 7.824 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 49 Resp: 271175  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 3.4  
130 60.2 49.0 73.4

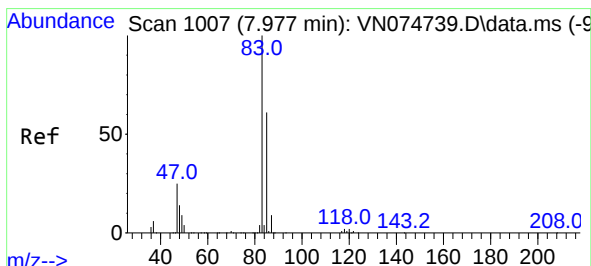
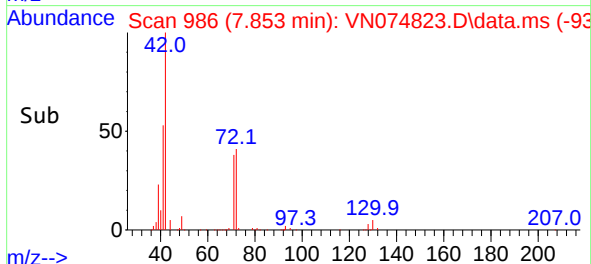
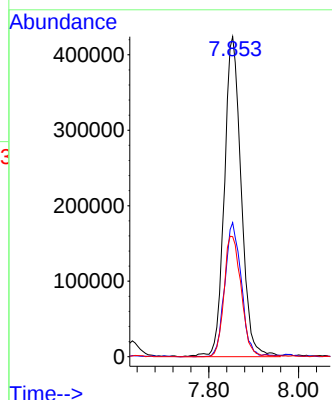
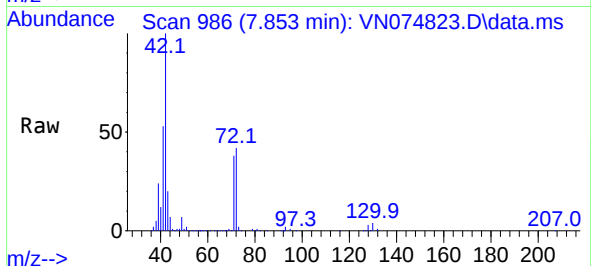




#29  
Tetrahydrofuran  
Concen: 249.838 ug/l  
RT: 7.853 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

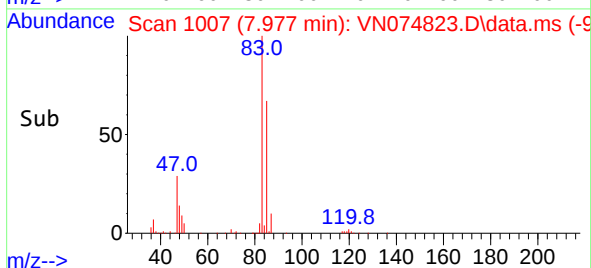
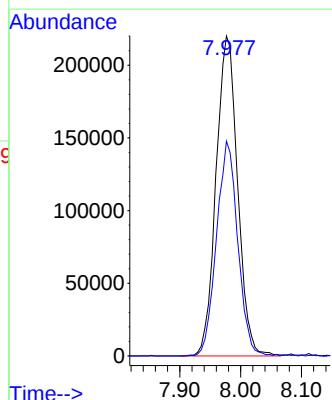
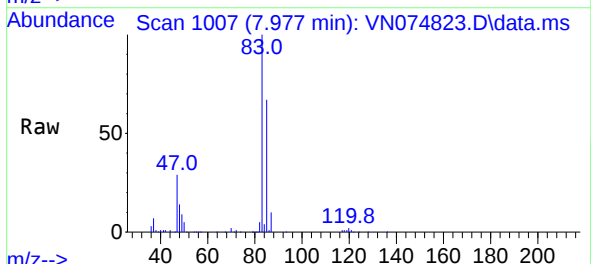
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

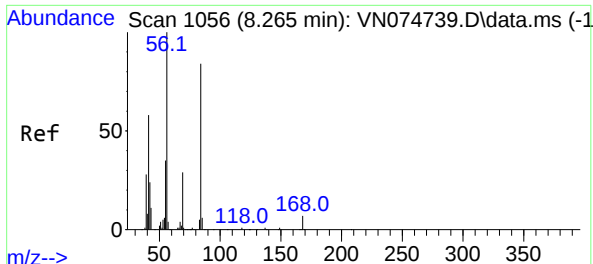
Tgt Ion: 42 Resp: 1108873  
Ion Ratio Lower Upper  
42 100  
72 40.7 33.0 49.6  
71 38.3 30.4 45.6



#30  
Chloroform  
Concen: 51.787 ug/l  
RT: 7.977 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 83 Resp: 541415  
Ion Ratio Lower Upper  
83 100  
85 67.2 49.0 73.4

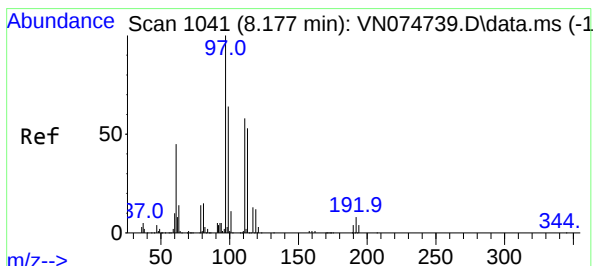
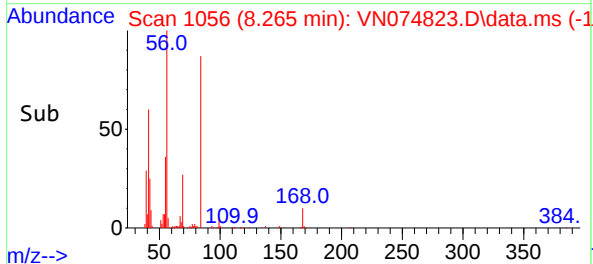
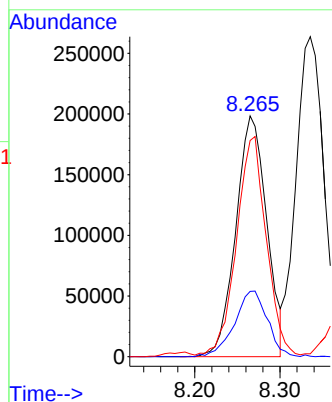
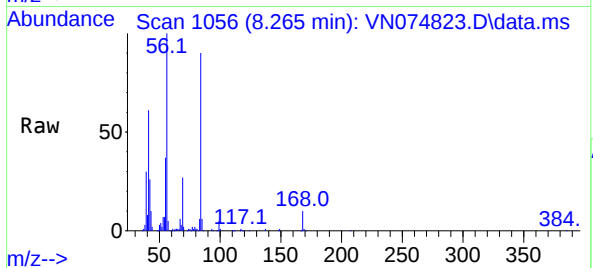




#31  
Cyclohexane  
Concen: 46.692 ug/l  
RT: 8.265 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

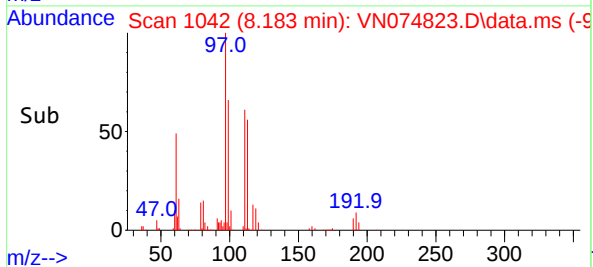
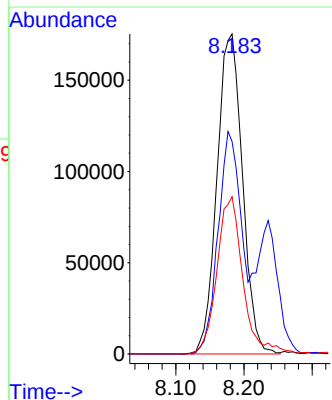
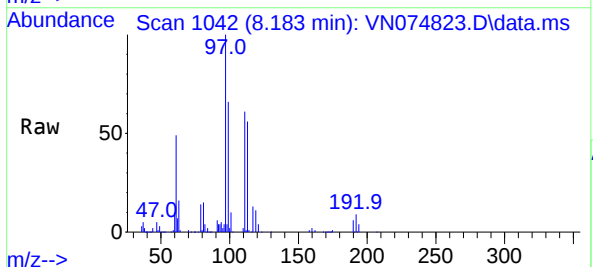
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MSVOA\_N  
ClientSampleId :  
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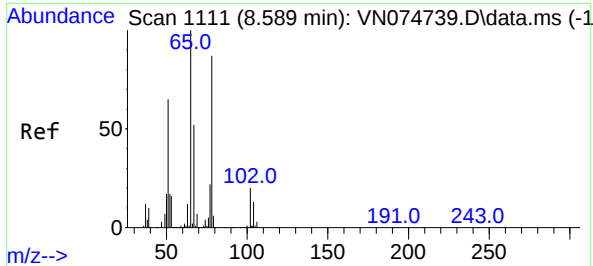
Tgt Ion: 56 Resp: 499690  
Ion Ratio Lower Upper  
56 100  
69 27.1 23.1 34.7  
84 88.1 67.1 100.7



#32  
1,1,1-Trichloroethane  
Concen: 51.296 ug/l  
RT: 8.183 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 97 Resp: 457113  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.7 76.1  
61 49.9 39.9 59.9

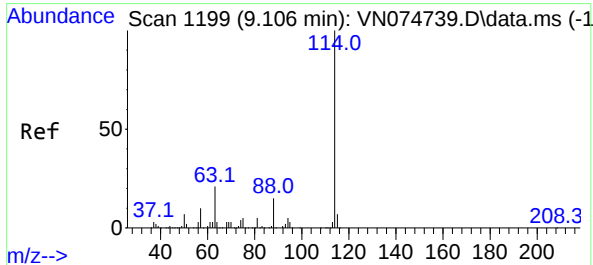
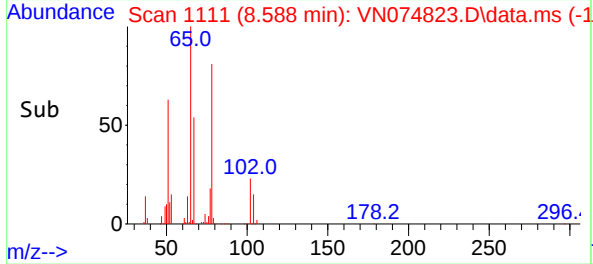
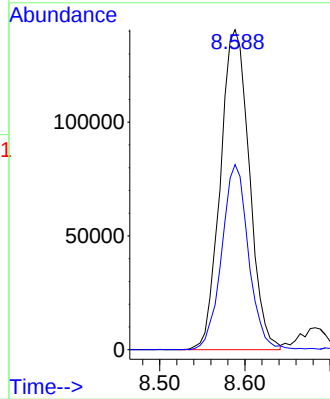
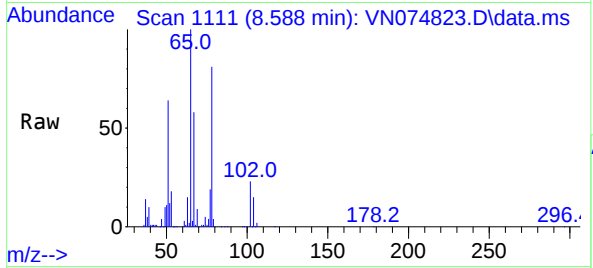




#33  
1,2-Dichloroethane-d4  
Concen: 53.569 ug/l  
RT: 8.588 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

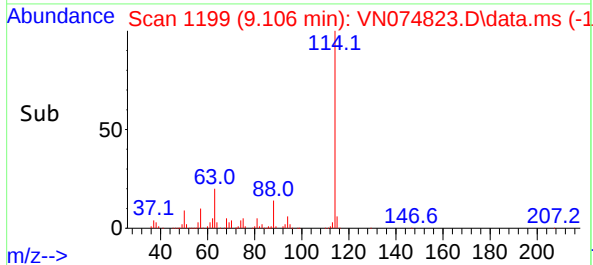
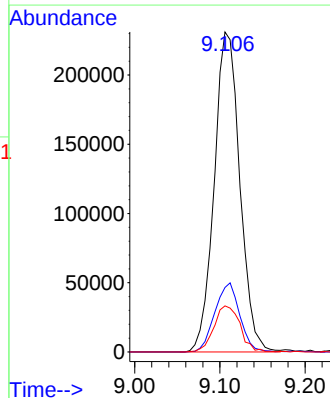
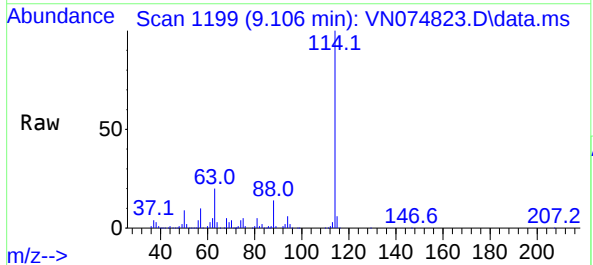
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ClientSampleId :  
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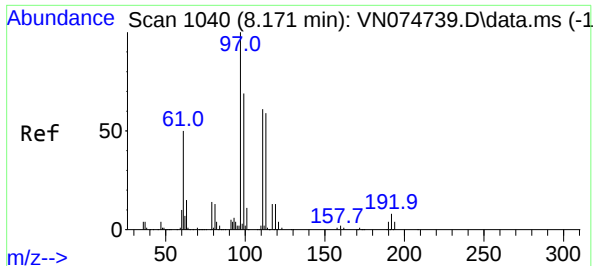
Tgt Ion: 65 Resp: 331693  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 109.0



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.106 min Scan# 1199  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 114 Resp: 482566  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 41.2  
88 14.4 0.0 30.2

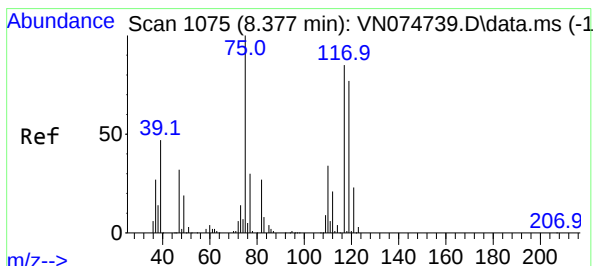
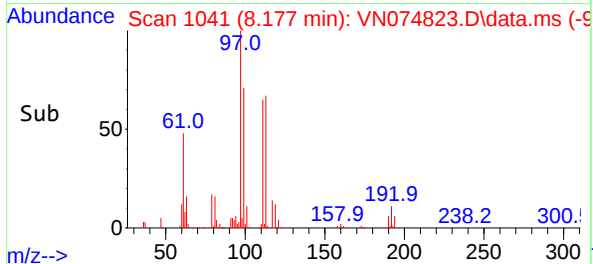
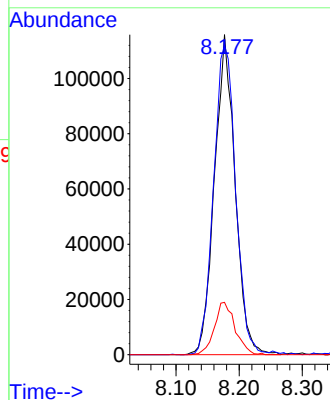
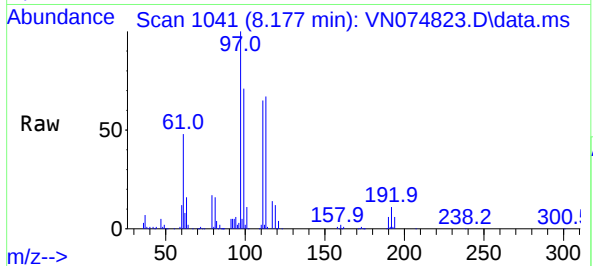




#35  
Dibromofluoromethane  
Concen: 53.872 ug/l  
RT: 8.177 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

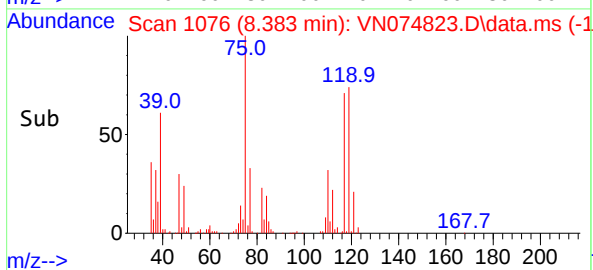
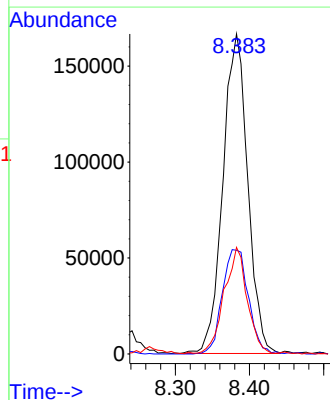
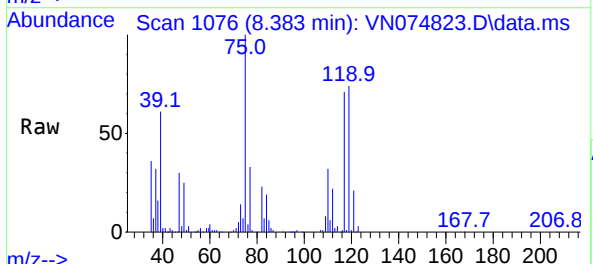
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ClientSampleId :  
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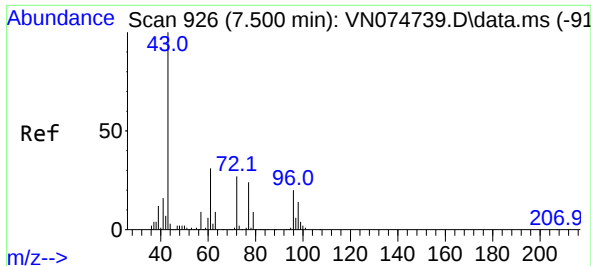
Tgt Ion:113 Resp: 262662  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.0 124.6  
192 16.4 12.6 18.8



#36  
1,1-Dichloropropene  
Concen: 49.043 ug/l  
RT: 8.383 min Scan# 1076  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 75 Resp: 387028  
Ion Ratio Lower Upper  
75 100  
110 34.3 17.2 51.5  
77 30.6 24.3 36.5

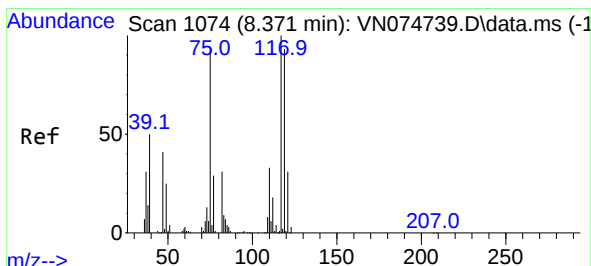
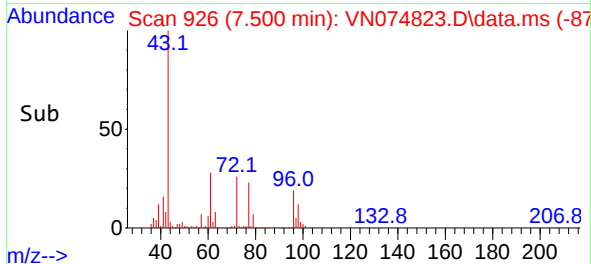
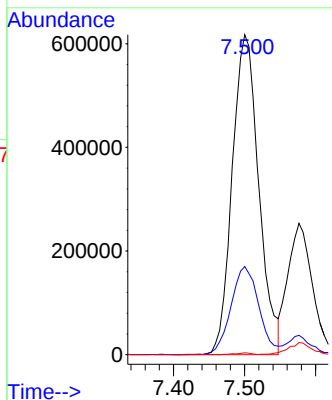
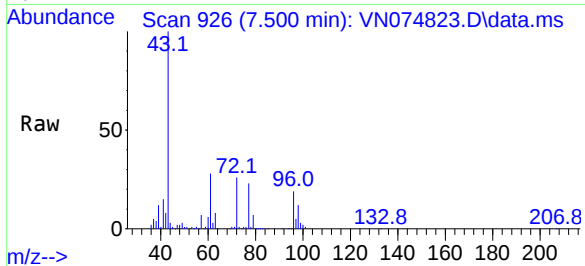




#37  
Ethyl Acetate  
Concen: 50.762 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

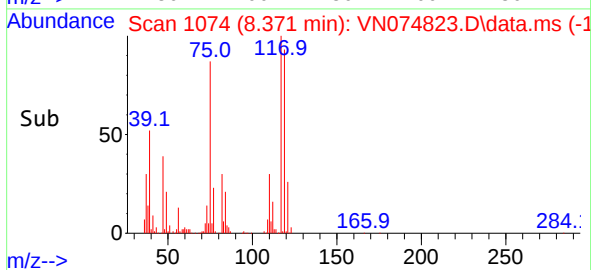
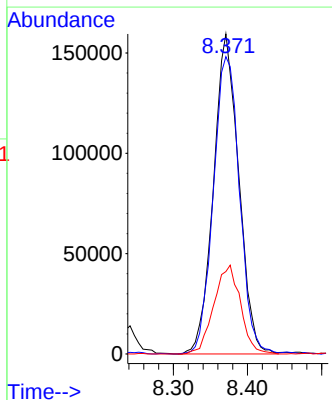
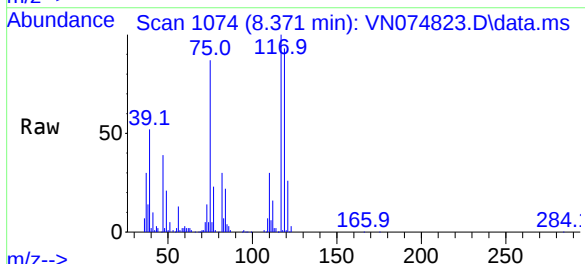
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ClientSampleId :  
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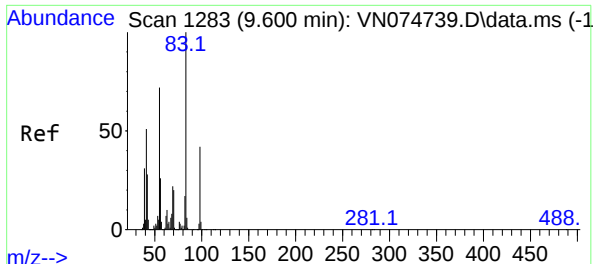
Tgt Ion: 43 Resp: 1606824  
Ion Ratio Lower Upper  
43 100  
61 28.9 4.3 6.5#  
70 0.4 3.0 4.4#



#38  
Carbon Tetrachloride  
Concen: 50.824 ug/l  
RT: 8.371 min Scan# 1074  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 117 Resp: 378237  
Ion Ratio Lower Upper  
117 100  
119 92.9 74.3 111.5  
121 25.7 25.0 37.4

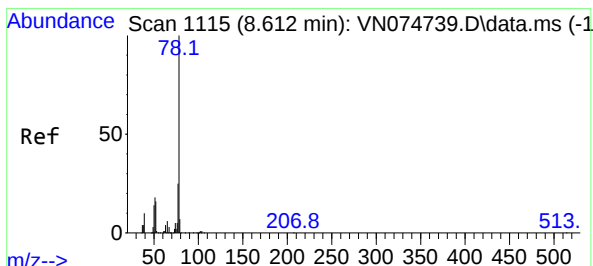
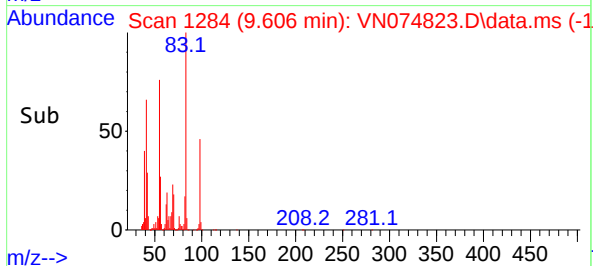
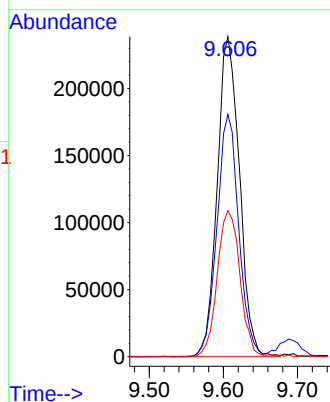
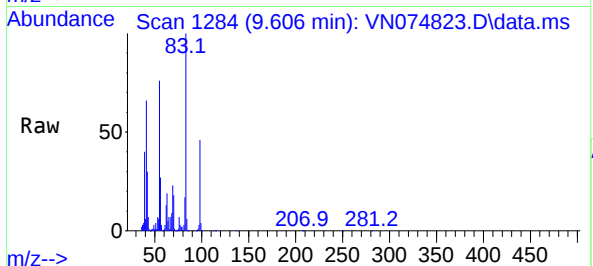




#39  
Methylcyclohexane  
Concen: 48.666 ug/l  
RT: 9.606 min Scan# 1115  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

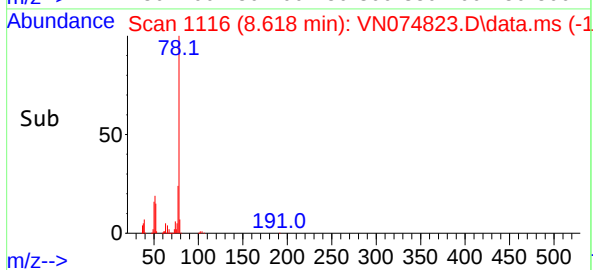
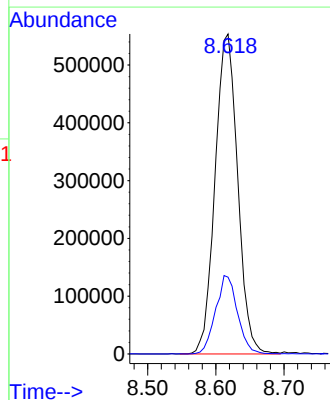
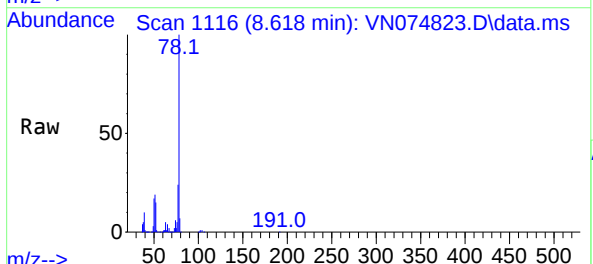
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

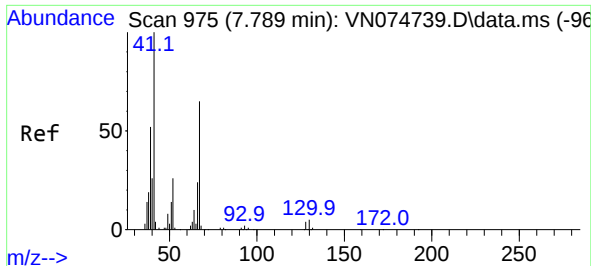
Tgt Ion: 83 Resp: 497521  
Ion Ratio Lower Upper  
83 100  
55 75.6 57.3 85.9  
98 45.6 33.4 50.2



#40  
Benzene  
Concen: 50.027 ug/l  
RT: 8.618 min Scan# 1116  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 78 Resp: 1278095  
Ion Ratio Lower Upper  
78 100  
77 24.0 20.1 30.1



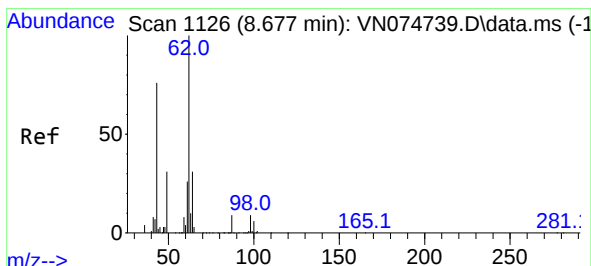
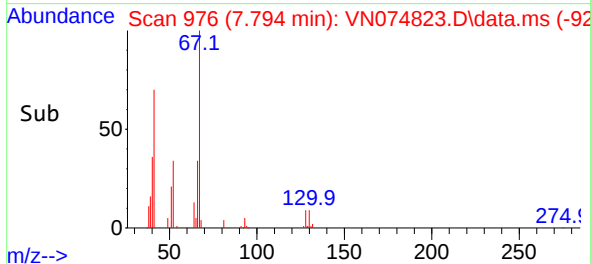
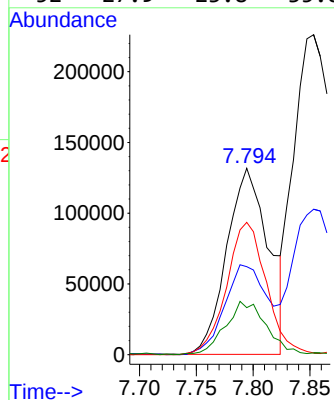
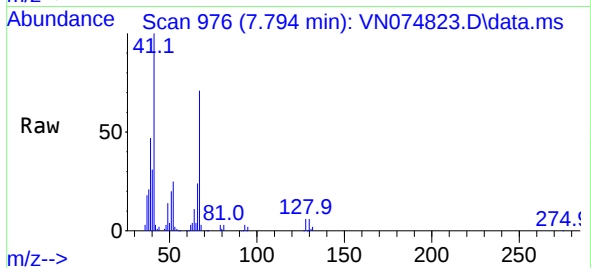


#41  
Methacrylonitrile  
Concen: 54.105 ug/l  
RT: 7.794 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 337395

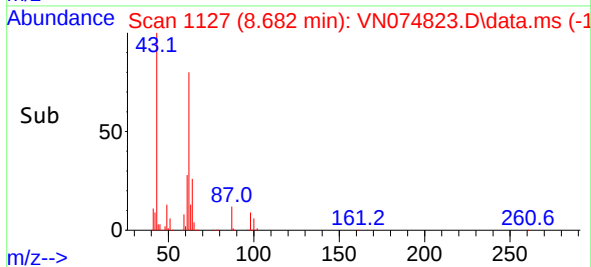
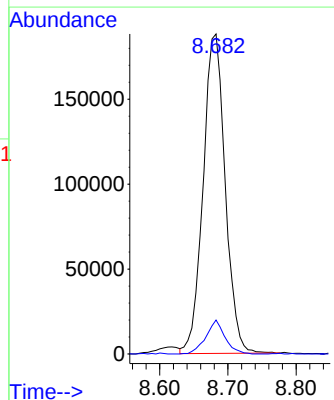
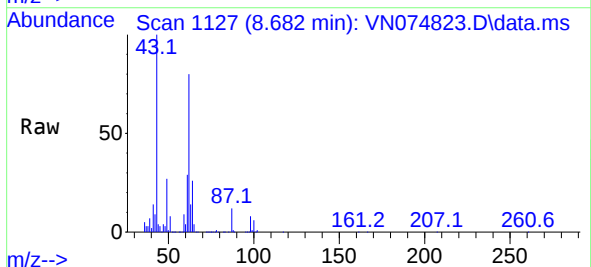
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 47.7  | 43.3  | 64.9  |
| 67  | 67.4  | 60.2  | 90.2  |
| 52  | 27.9  | 23.8  | 35.8  |

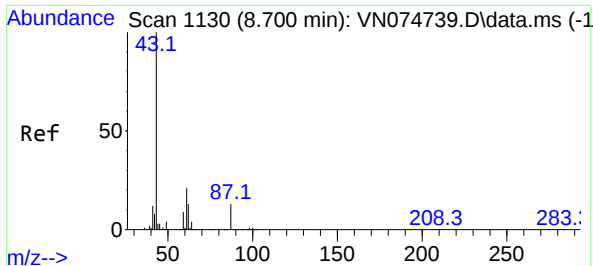


#42  
1,2-Dichloroethane  
Concen: 52.862 ug/l  
RT: 8.682 min Scan# 1127  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 62 Resp: 423916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 19.4  |

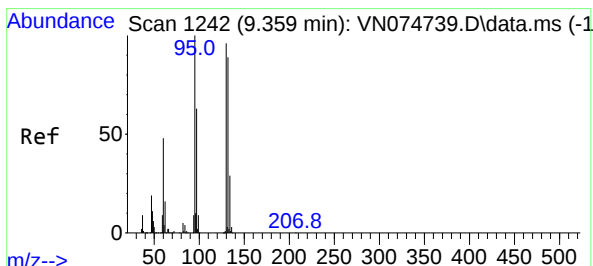
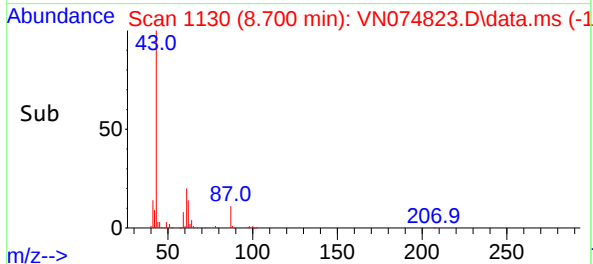
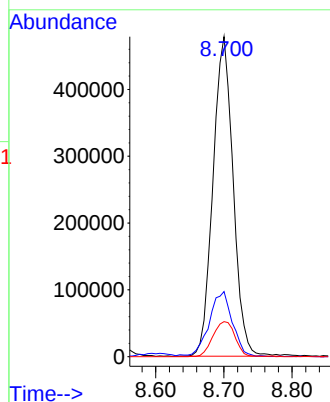
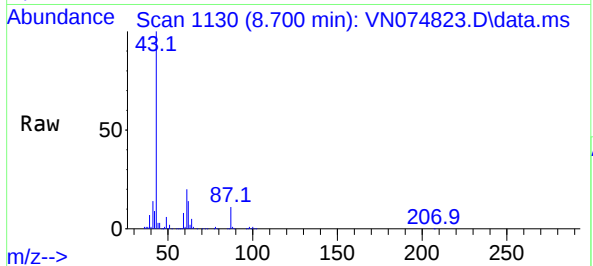




#43  
Isopropyl Acetate  
Concen: 50.360 ug/l  
RT: 8.700 min Scan# 1130  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

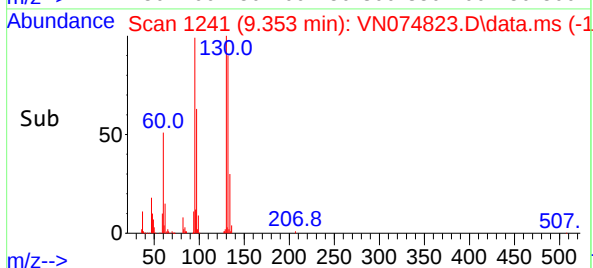
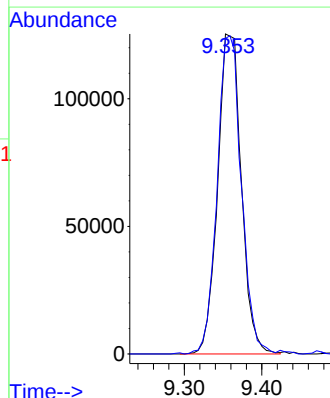
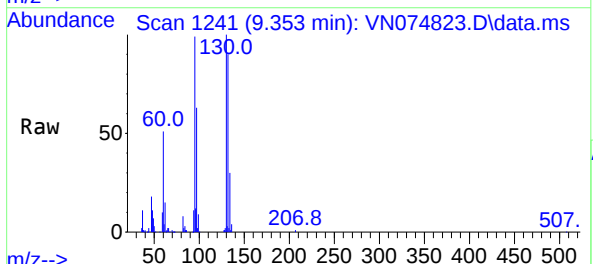
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

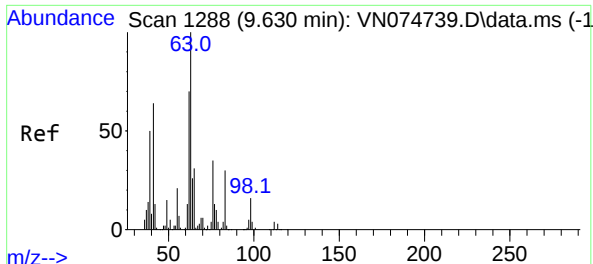
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 985112 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 23.6  | 19.4  | 29.0   |
| 87       | 12.1  | 10.1  | 15.1   |



#44  
Trichloroethene  
Concen: 50.215 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 267187 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 98.3  | 0.0   | 207.6  |





#45

1,2-Dichloropropane

Concen: 51.382 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

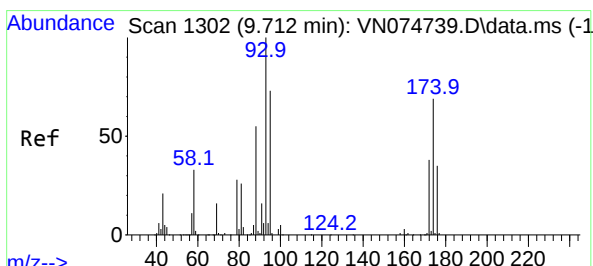
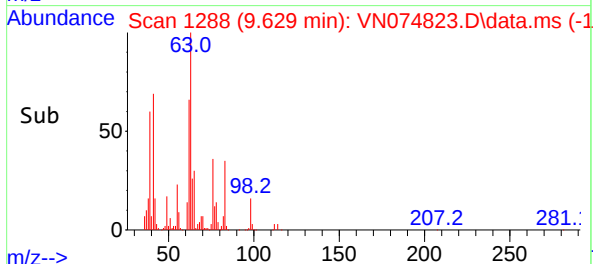
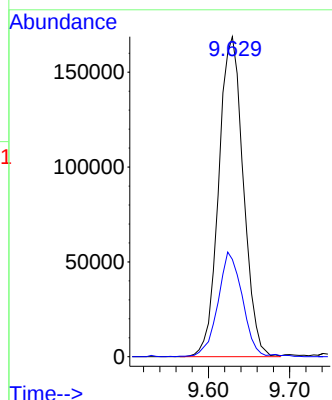
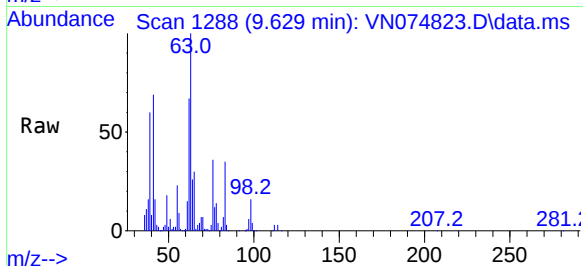
VSTDCCC050EC

Tgt Ion: 63 Resp: 355439

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 52.840 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

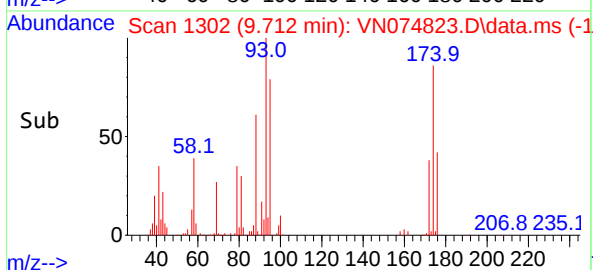
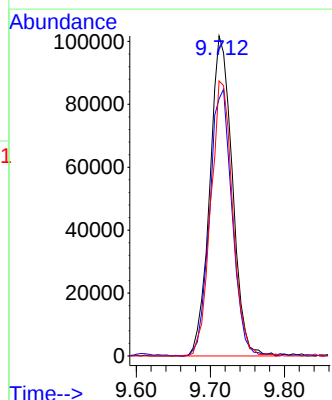
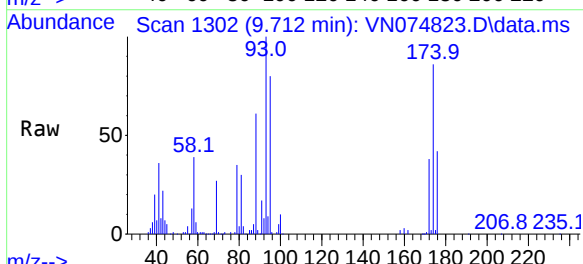
Tgt Ion: 93 Resp: 214487

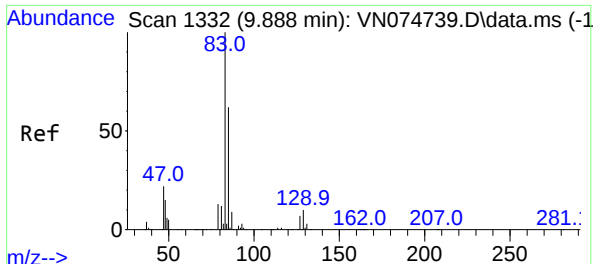
Ion Ratio Lower Upper

93 100

95 83.2 63.4 95.2

174 83.0 60.5 90.7

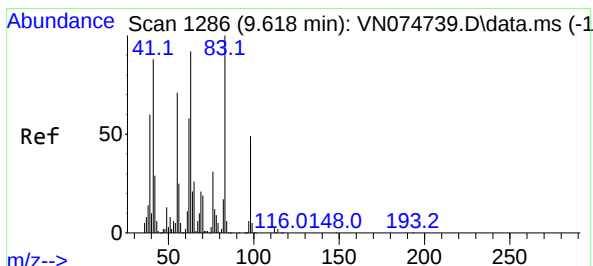
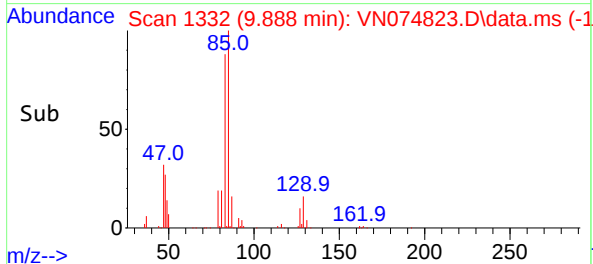
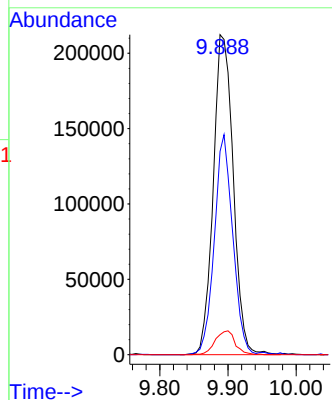
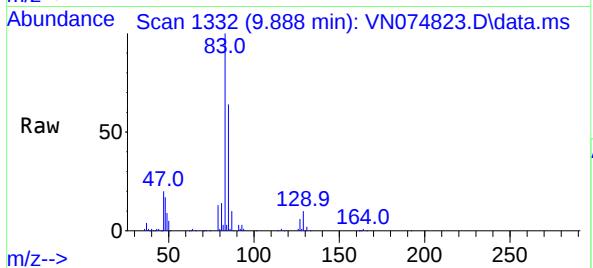




#47  
Bromodichloromethane  
Concen: 52.220 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

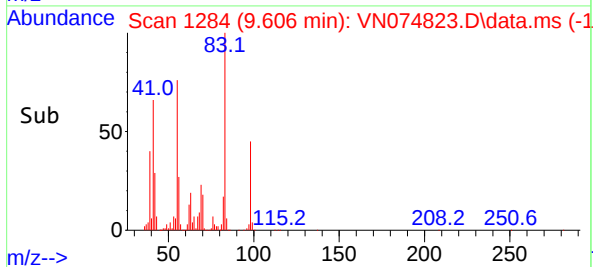
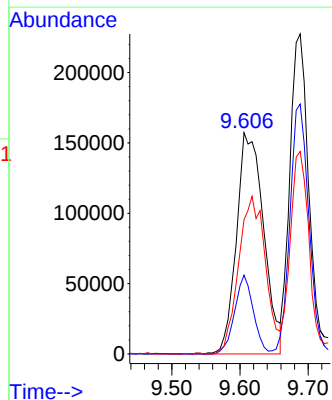
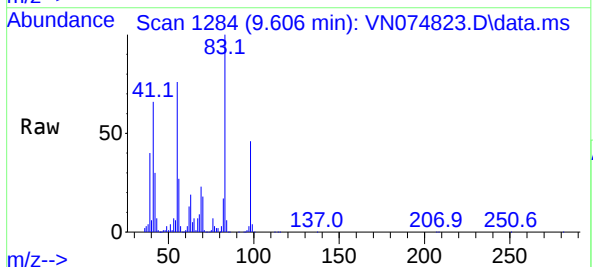
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

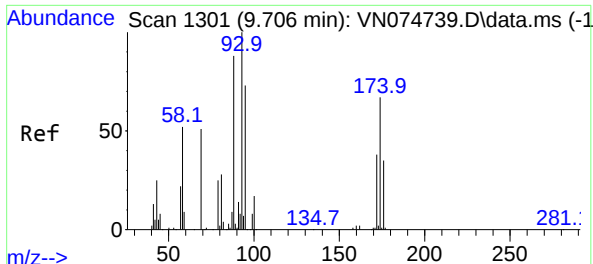
Tgt Ion: 83 Resp: 433073  
Ion Ratio Lower Upper  
83 100  
85 63.5 49.7 74.5  
127 6.2 5.8 8.8



#48  
Methyl methacrylate  
Concen: 54.112 ug/l  
RT: 9.606 min Scan# 1284  
Delta R.T. -0.012 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 41 Resp: 434577  
Ion Ratio Lower Upper  
41 100  
69 24.6 0.0 0.0#  
39 70.8 54.4 81.6

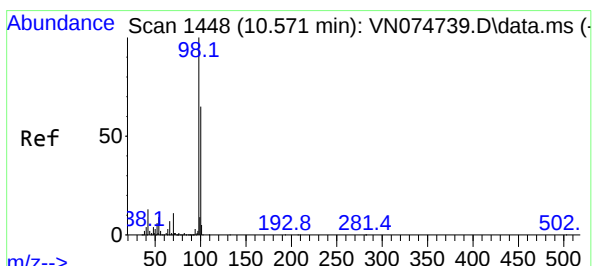
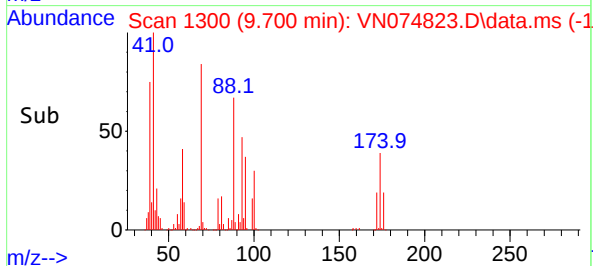
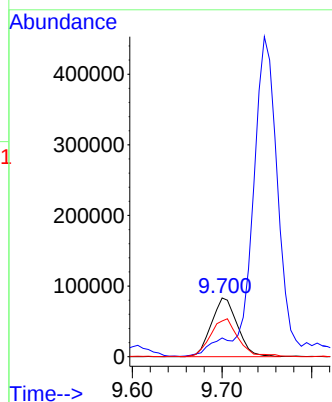
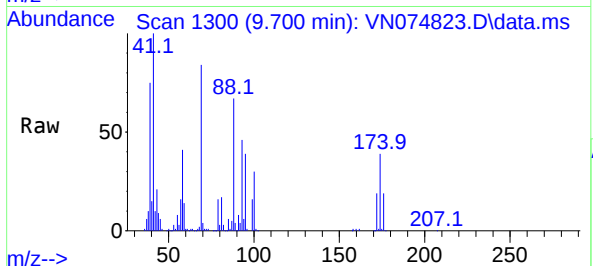




#49  
1,4-Dioxane  
Concen: 960.907 ug/l  
RT: 9.700 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

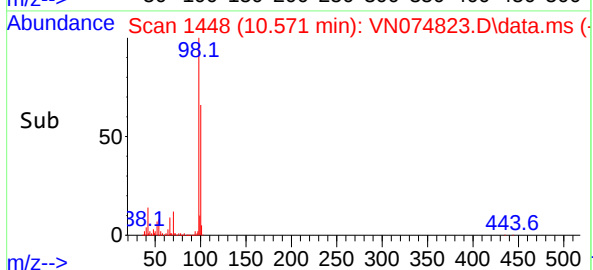
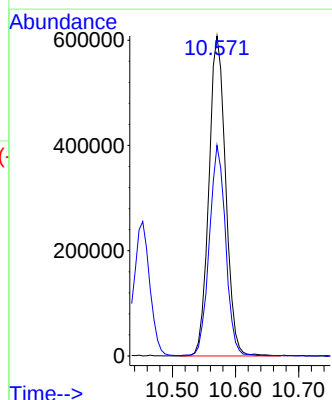
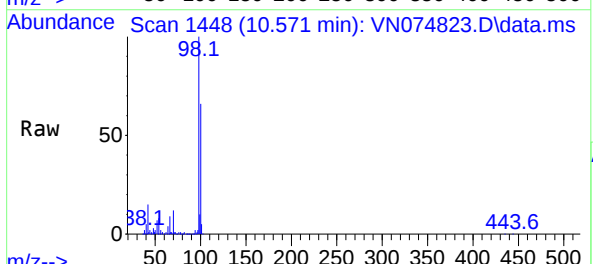
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

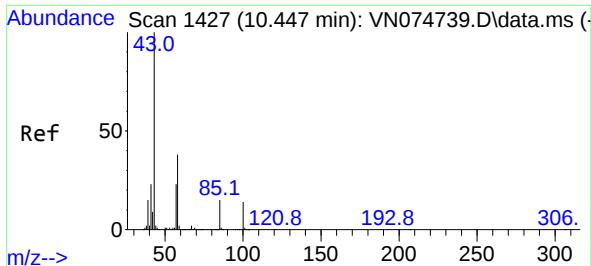
Tgt Ion: 88 Resp: 167257  
Ion Ratio Lower Upper  
88 100  
43 28.4 23.4 35.2  
58 69.8 54.9 82.3



#50  
Toluene-d8  
Concen: 53.549 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 98 Resp: 1120297  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.7 76.1

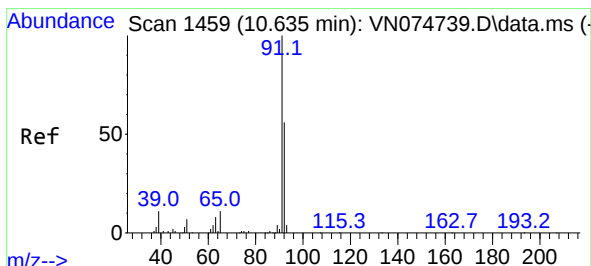
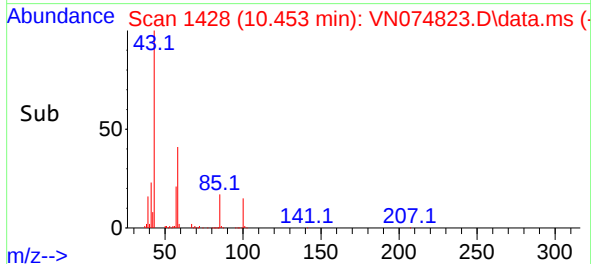
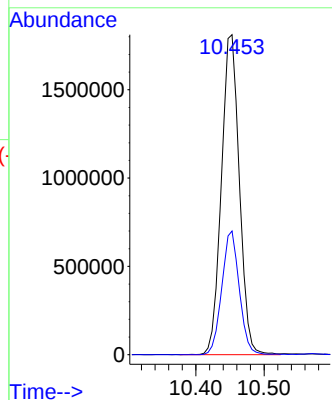
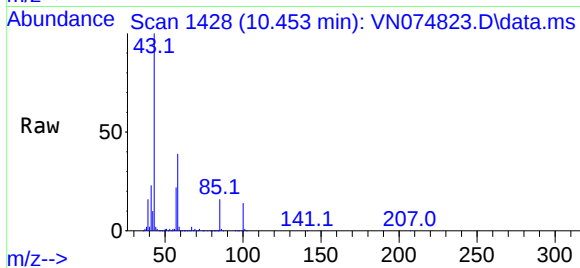




#51  
4-Methyl-2-Pentanone  
Concen: 263.899 ug/l  
RT: 10.453 min Scan# 1427  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

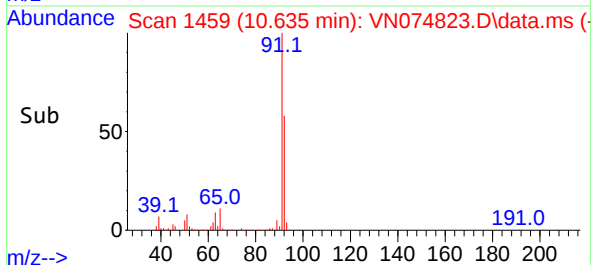
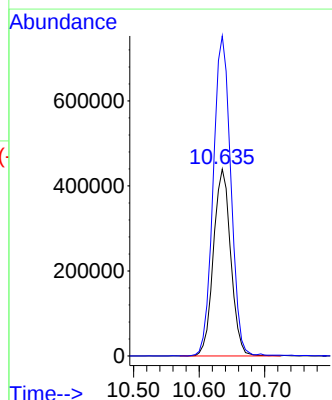
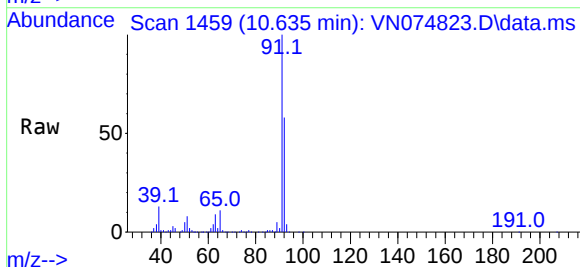
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

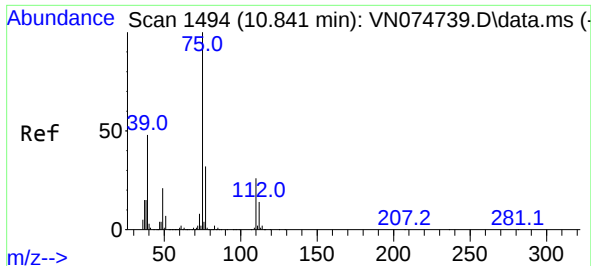
Tgt Ion: 43 Resp: 3324278  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.6 45.8



#52  
Toluene  
Concen: 52.369 ug/l  
RT: 10.635 min Scan# 1459  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 92 Resp: 803728  
Ion Ratio Lower Upper  
92 100  
91 174.2 140.2 210.4

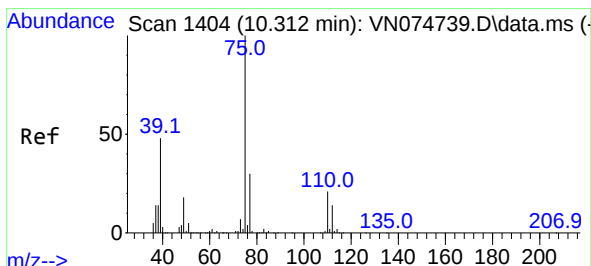
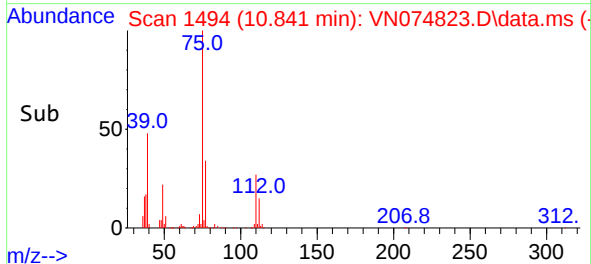
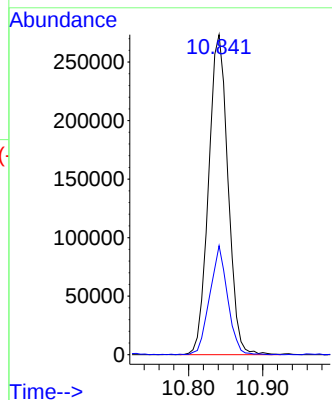
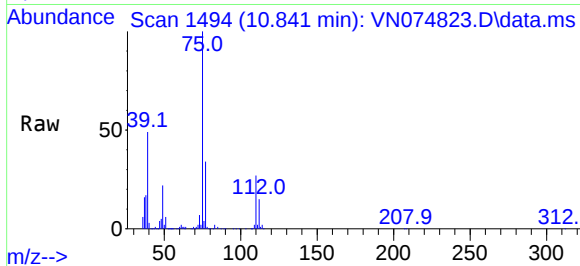




#53  
 t-1,3-Dichloropropene  
 Concen: 50.349 ug/l  
 RT: 10.841 min Scan# 1494  
 Delta R.T. -0.000 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

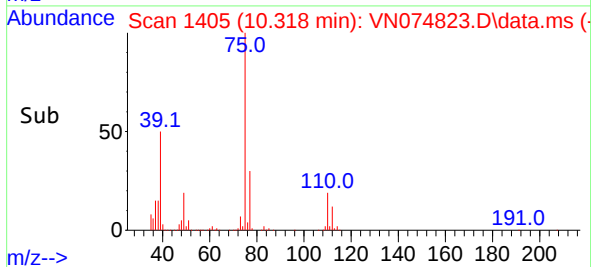
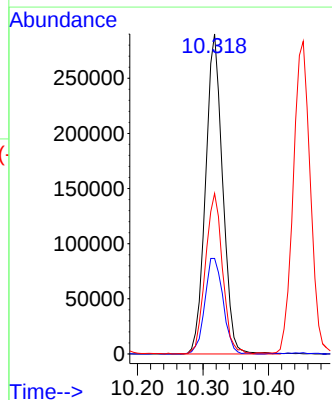
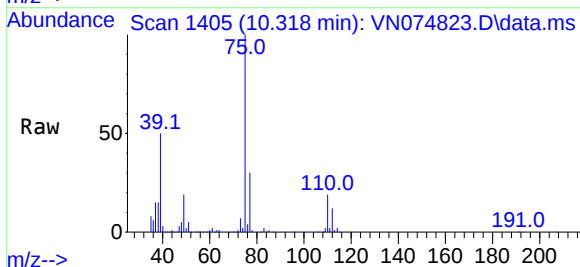
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

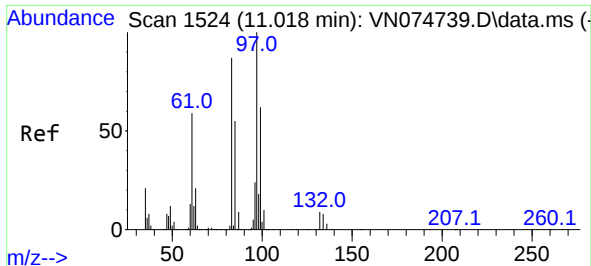
Tgt Ion: 75 Resp: 497518  
 Ion Ratio Lower Upper  
 75 100  
 77 34.1 26.0 39.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.359 ug/l  
 RT: 10.318 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

Tgt Ion: 75 Resp: 526566  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 24.4 36.6  
 39 50.1 38.6 57.8



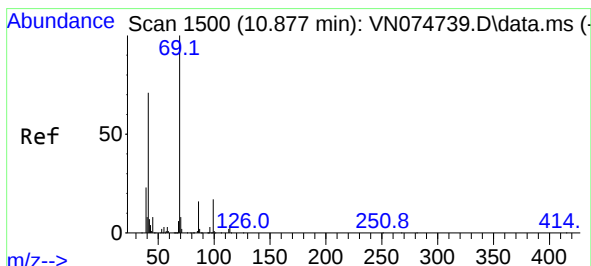
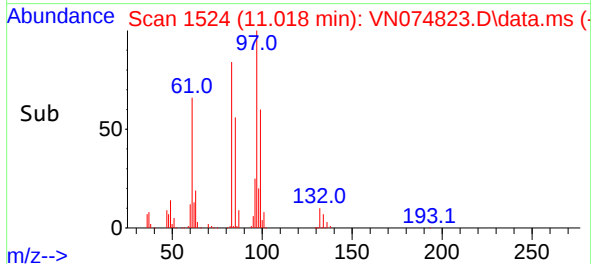
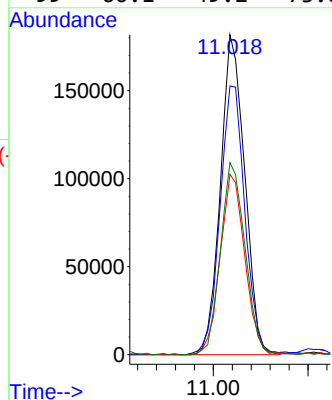
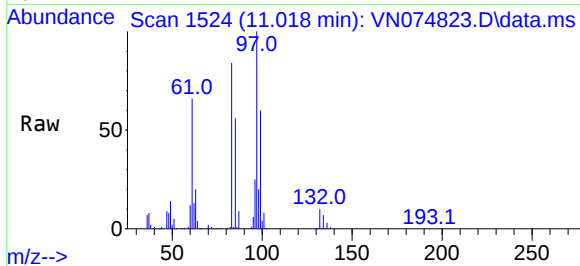


#55  
1,1,2-Trichloroethane  
Concen: 52.384 ug/l  
RT: 11.018 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 323268

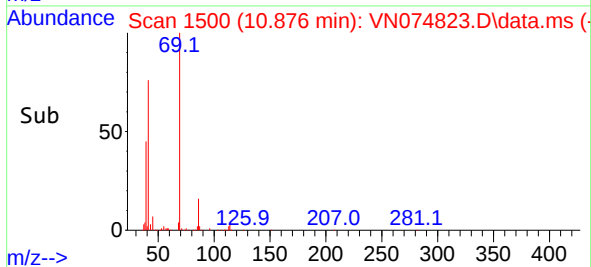
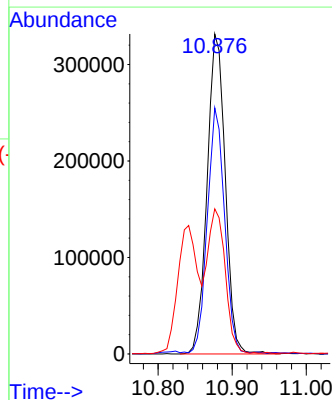
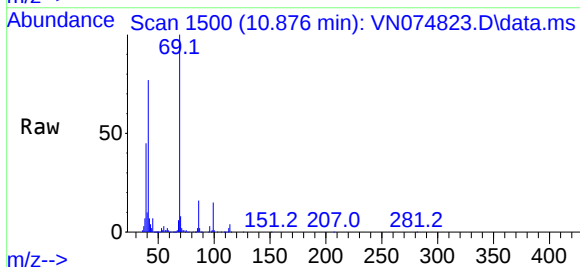
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.0  | 69.7  | 104.5 |
| 85  | 56.3  | 43.8  | 65.6  |
| 99  | 60.1  | 49.2  | 73.8  |

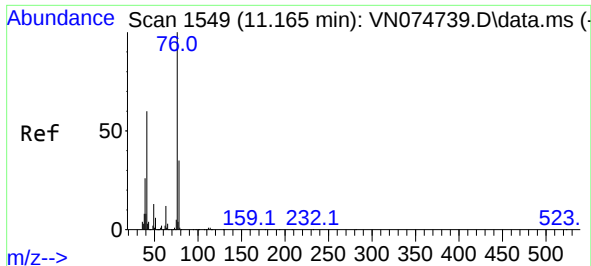


#56  
Ethyl methacrylate  
Concen: 50.321 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 69 Resp: 565574

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.8  | 54.9  | 82.3  |
| 39  | 44.0  | 31.5  | 47.3  |





#57

1,3-Dichloropropane

Concen: 51.328 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

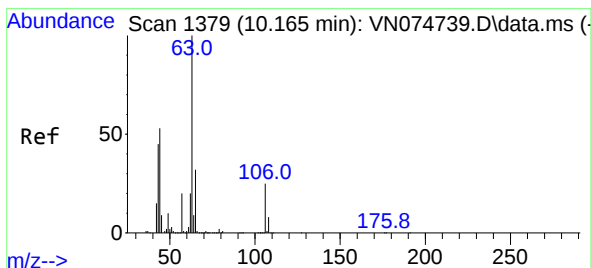
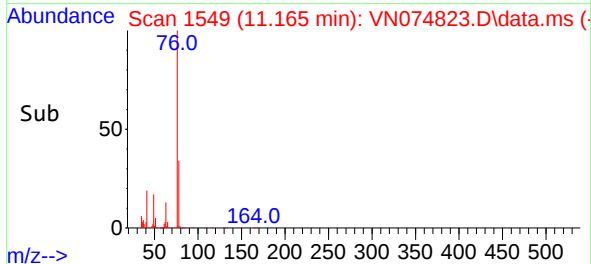
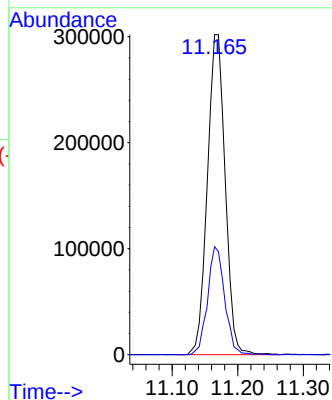
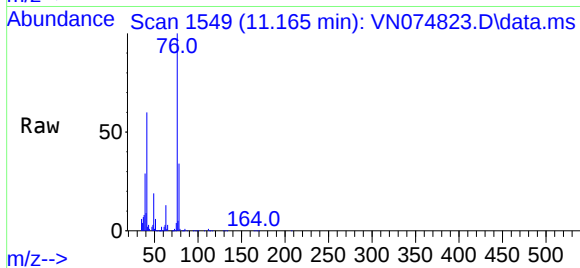
VSTDCCC050EC

Tgt Ion: 76 Resp: 570887

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 254.073 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN074823.D

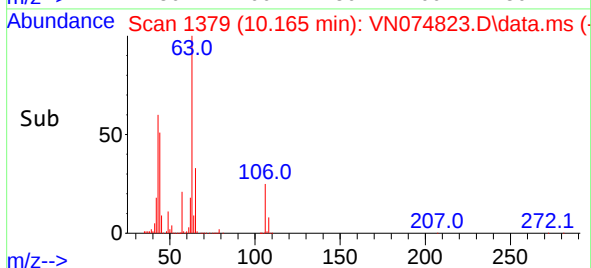
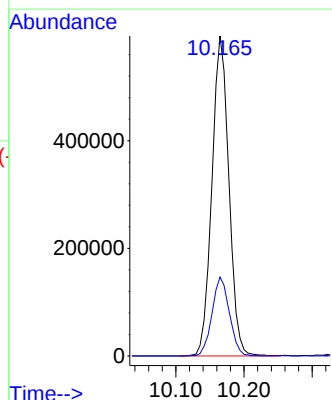
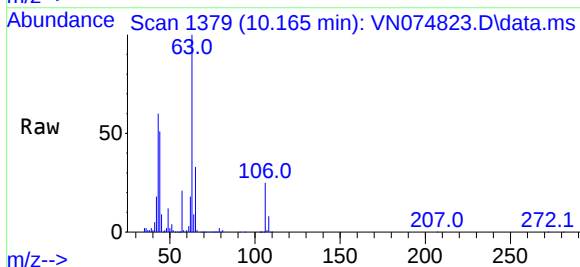
Acq: 07 Oct 2022 19:57

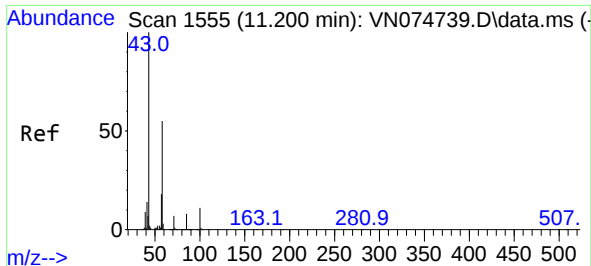
Tgt Ion: 63 Resp: 1029978

Ion Ratio Lower Upper

63 100

106 25.2 20.0 30.0

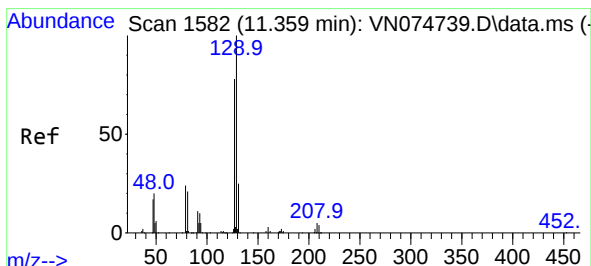
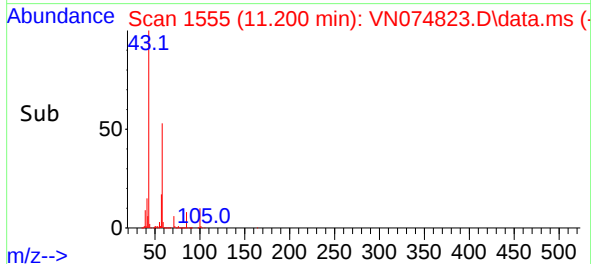
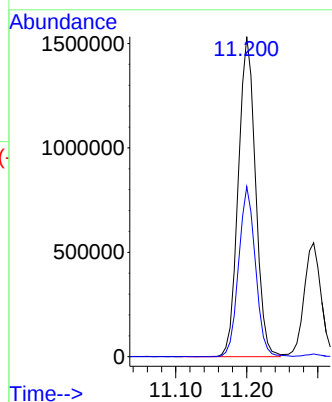
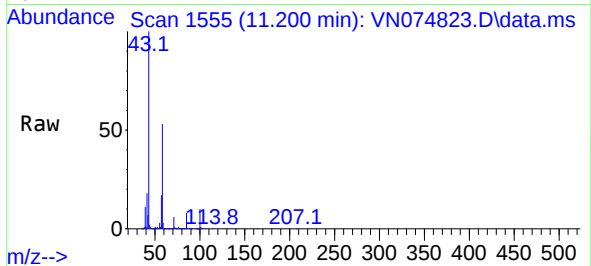




#59  
2-Hexanone  
Concen: 271.405 ug/l  
RT: 11.200 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

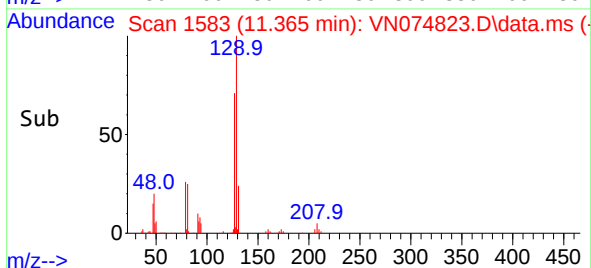
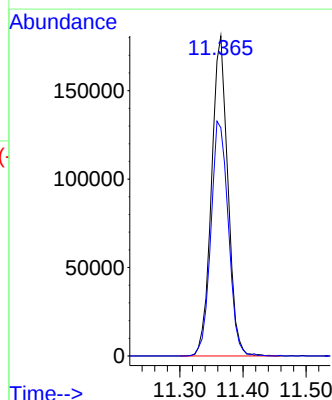
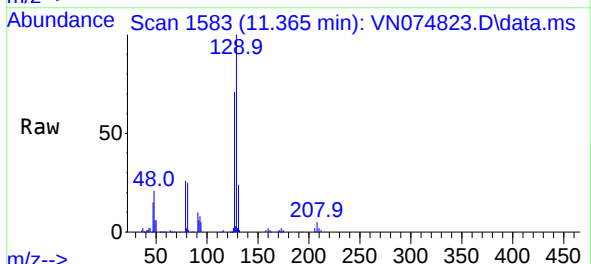
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

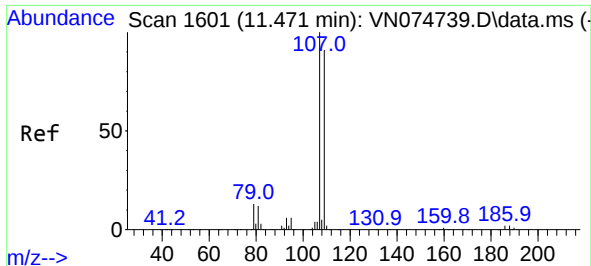
Tgt Ion: 43 Resp: 2585976  
Ion Ratio Lower Upper  
43 100  
58 51.8 27.3 81.9



#60  
Dibromochloromethane  
Concen: 53.331 ug/l  
RT: 11.365 min Scan# 1583  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 129 Resp: 324206  
Ion Ratio Lower Upper  
129 100  
127 78.4 39.5 118.3

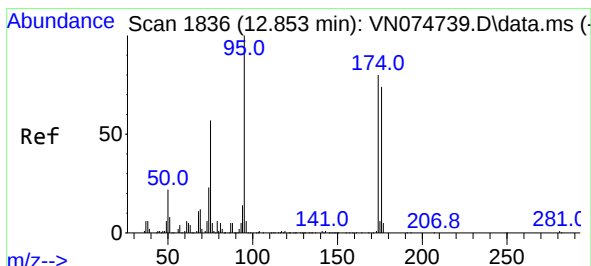
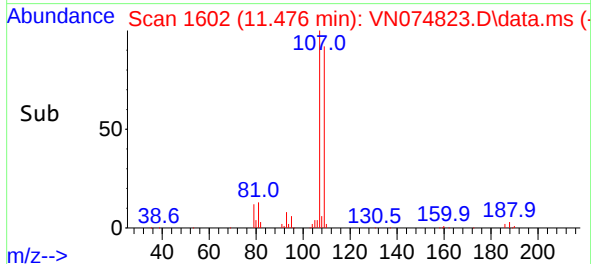
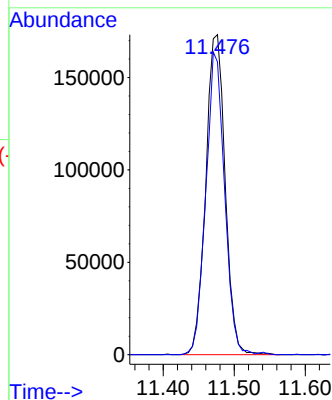
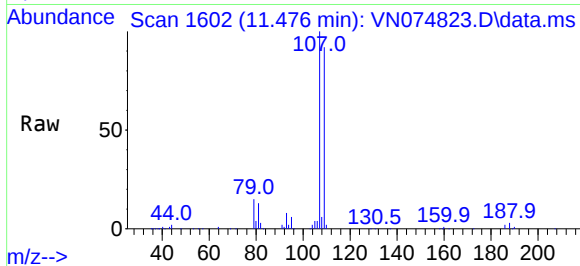




#61  
 1,2-Dibromoethane  
 Concen: 52.438 ug/l  
 RT: 11.476 min Scan# 1  
 Delta R.T. 0.006 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

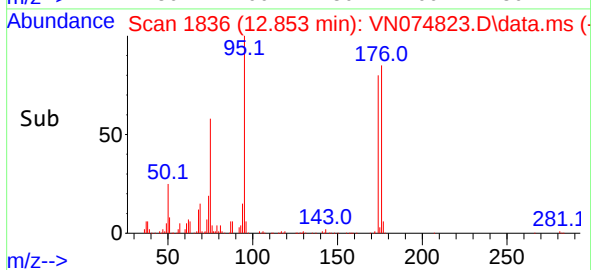
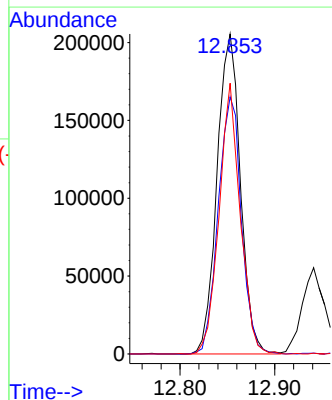
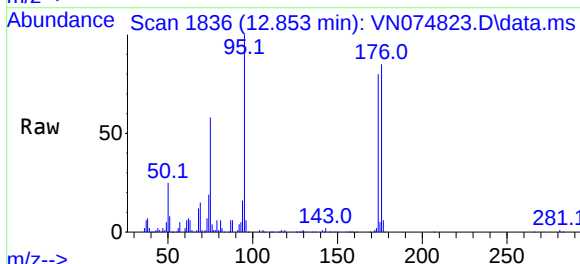
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 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

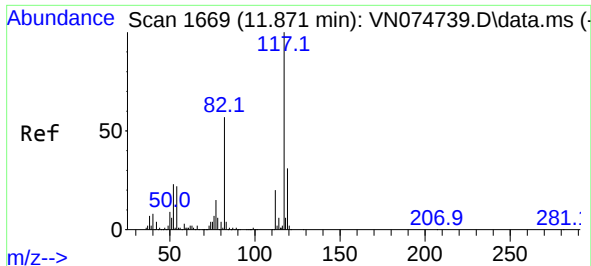
Tgt Ion:107 Resp: 329052  
 Ion Ratio Lower Upper  
 107 100  
 109 91.3 74.2 111.2



#62  
 4-Bromofluorobenzene  
 Concen: 55.349 ug/l  
 RT: 12.853 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

Tgt Ion: 95 Resp: 351996  
 Ion Ratio Lower Upper  
 95 100  
 174 79.9 0.0 149.4  
 176 76.4 0.0 142.0

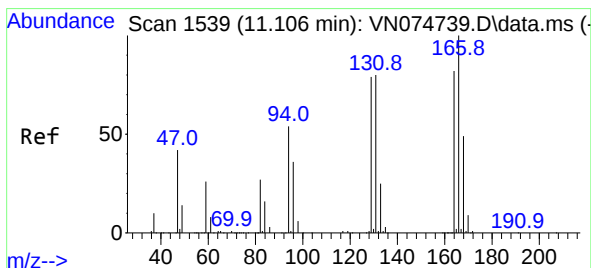
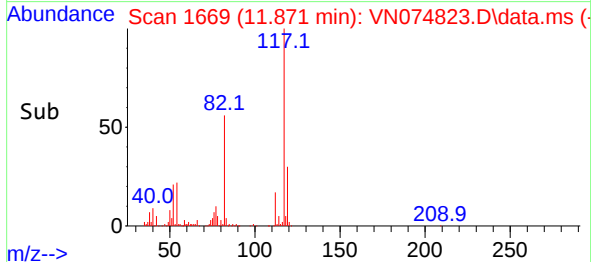
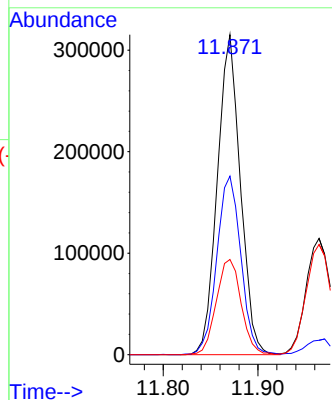
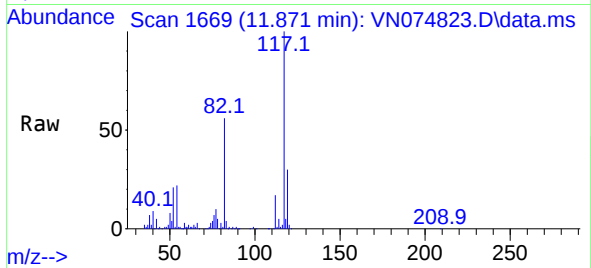




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.871 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

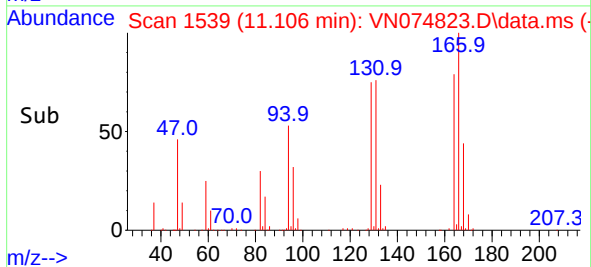
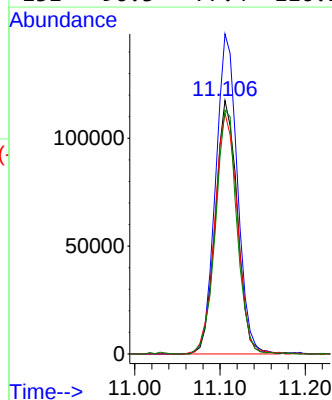
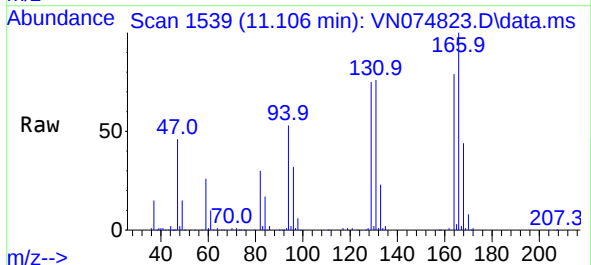
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

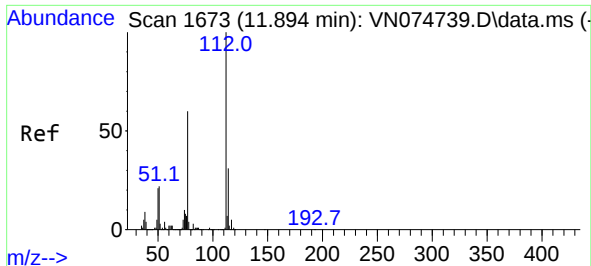
Tgt Ion:117 Resp: 532986  
Ion Ratio Lower Upper  
117 100  
82 55.8 45.4 68.2  
119 29.8 25.1 37.7



#64  
Tetrachloroethene  
Concen: 48.613 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:164 Resp: 210335  
Ion Ratio Lower Upper  
164 100  
166 126.3 97.0 145.6  
129 95.0 77.0 115.6  
131 96.3 77.4 116.2

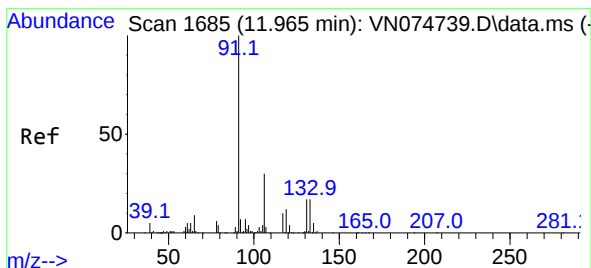
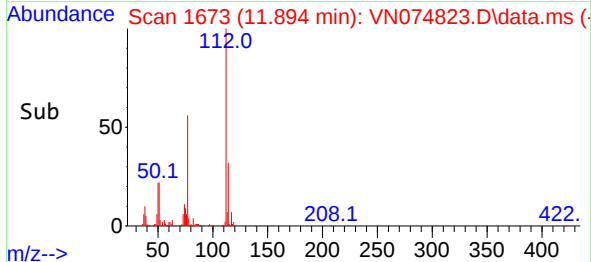
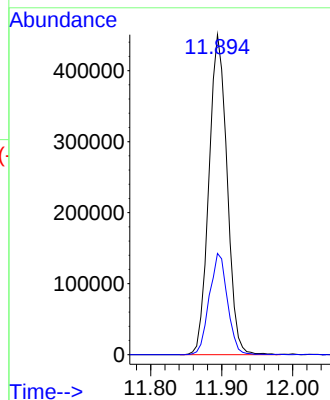
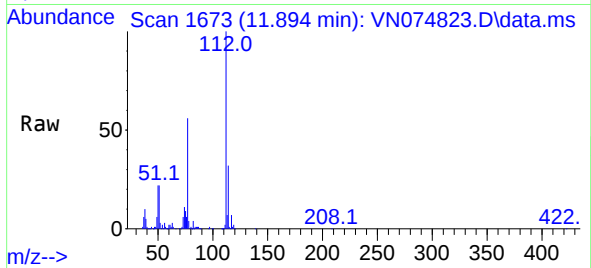




#65  
Chlorobenzene  
Concen: 49.021 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

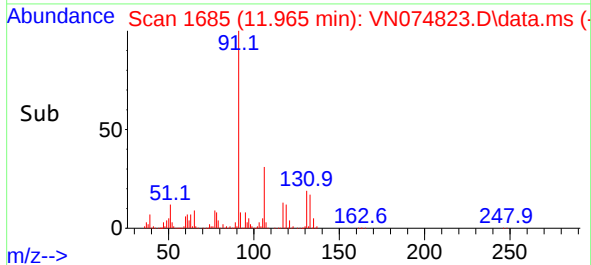
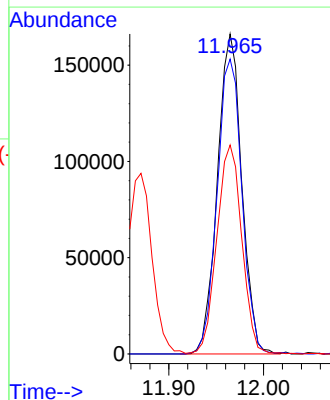
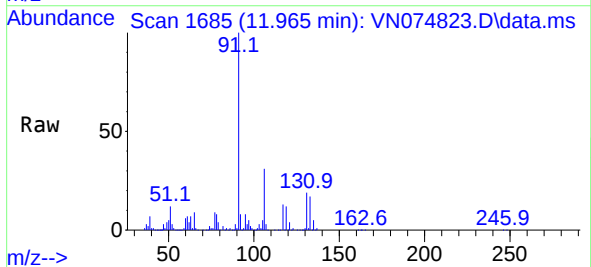
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

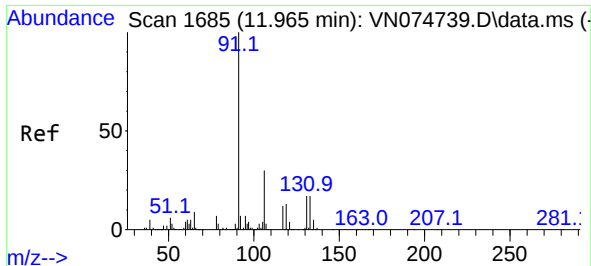
Tgt Ion:112 Resp: 800420  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.823 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:131 Resp: 297045  
Ion Ratio Lower Upper  
131 100  
133 94.2 47.6 142.9  
119 67.0 34.8 104.3

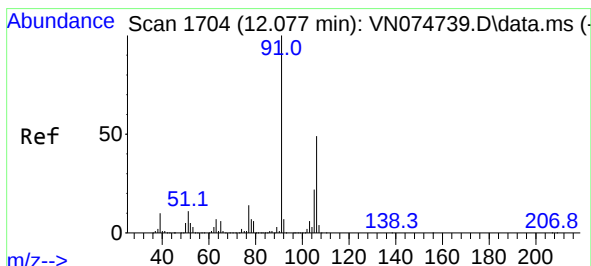
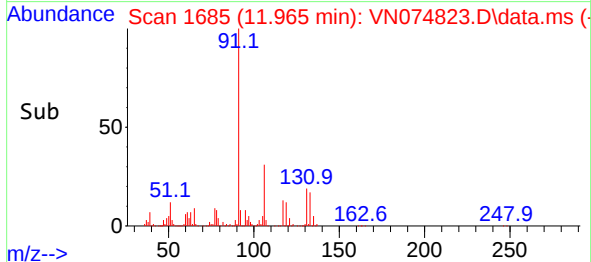
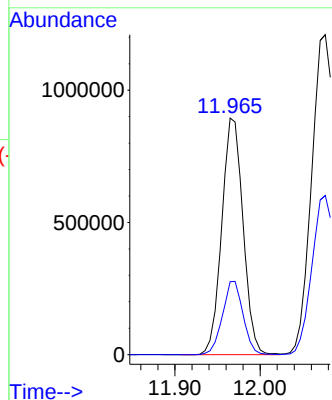
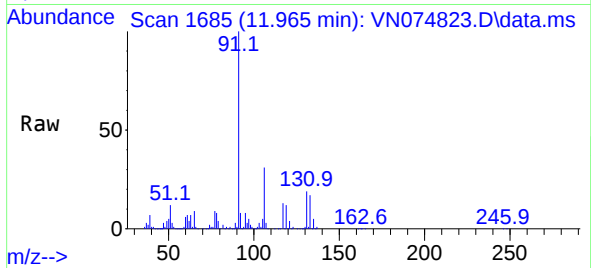




#67  
Ethyl Benzene  
Concen: 51.027 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

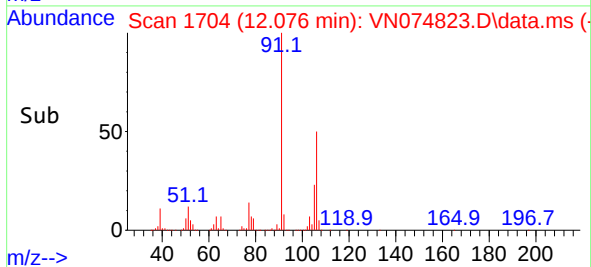
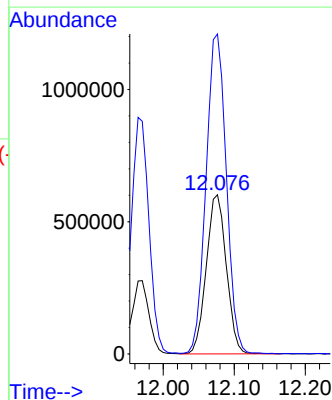
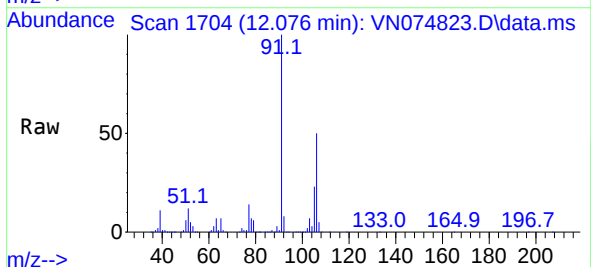
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

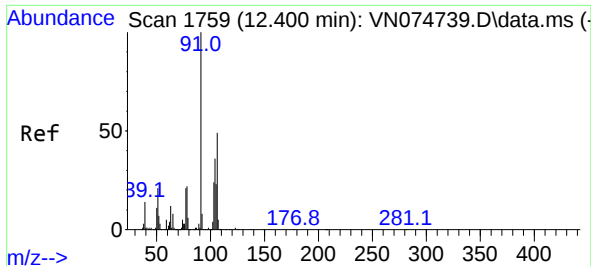
Tgt Ion: 91 Resp: 1552992  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.1 36.1



#68  
m/p-Xylenes  
Concen: 103.307 ug/l  
RT: 12.076 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:106 Resp: 1180266  
Ion Ratio Lower Upper  
106 100  
91 203.3 164.2 246.4





#69

o-Xylene

Concen: 50.312 ug/l

RT: 12.406 min Scan# 1759

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

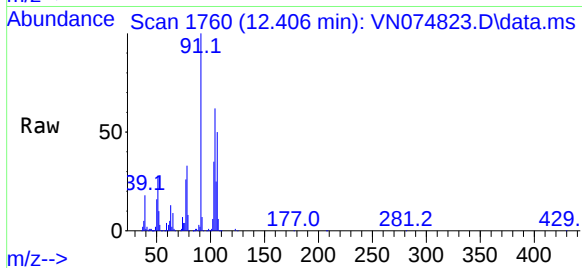
VSTDCCC050EC

Tgt Ion:106 Resp: 589725

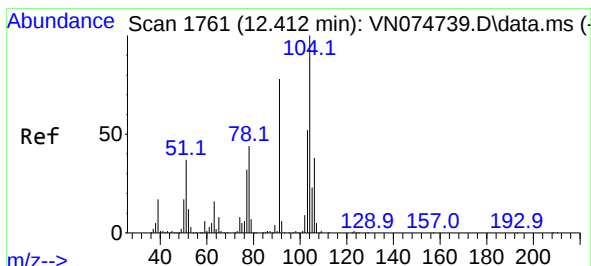
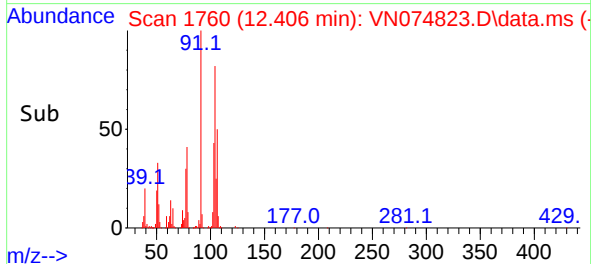
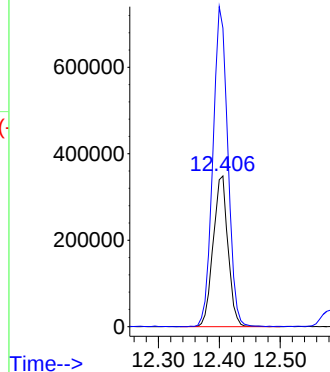
Ion Ratio Lower Upper

106 100

91 214.0 105.4 316.1



Abundance



#70

Styrene

Concen: 53.390 ug/l

RT: 12.418 min Scan# 1762

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

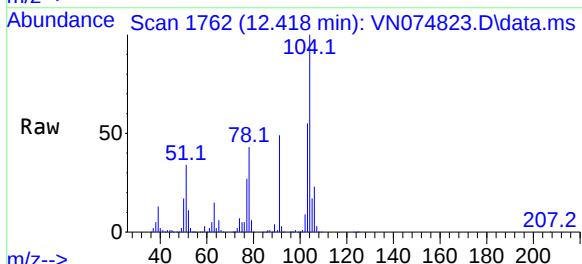
Tgt Ion:104 Resp: 986558

Ion Ratio Lower Upper

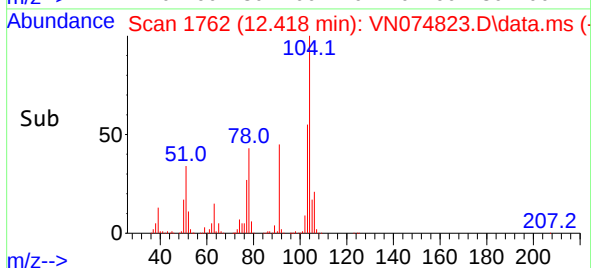
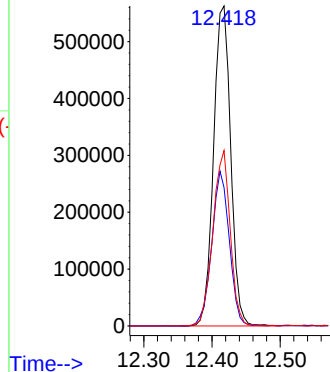
104 100

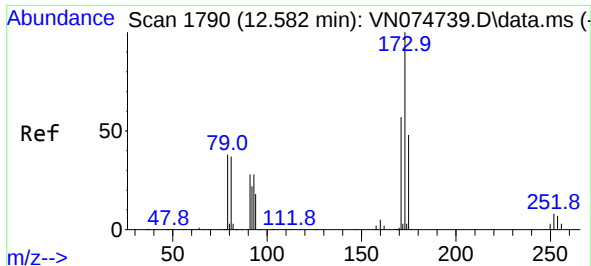
78 49.4 39.7 59.5

103 55.5 44.7 67.1



Abundance

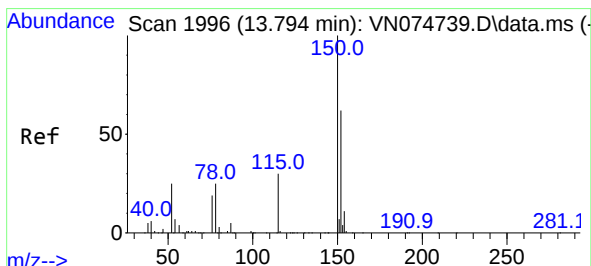
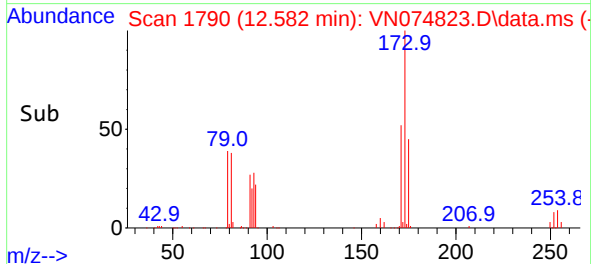
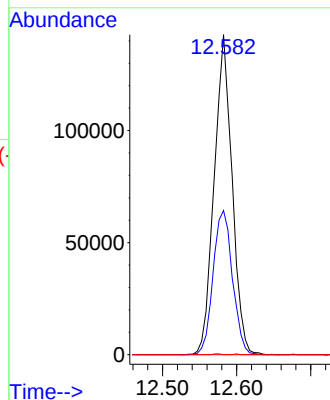
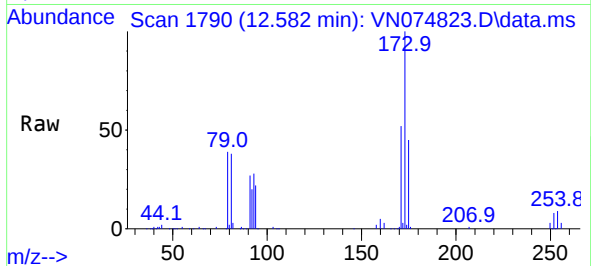




#71  
Bromoform  
Concen: 52.753 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

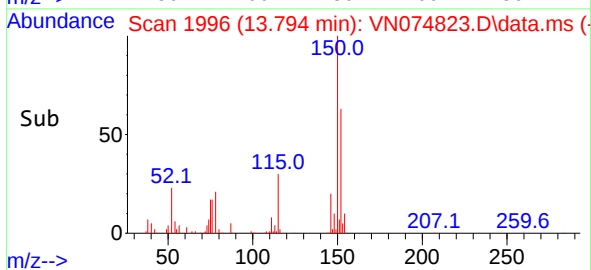
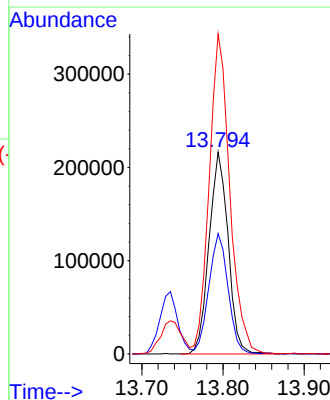
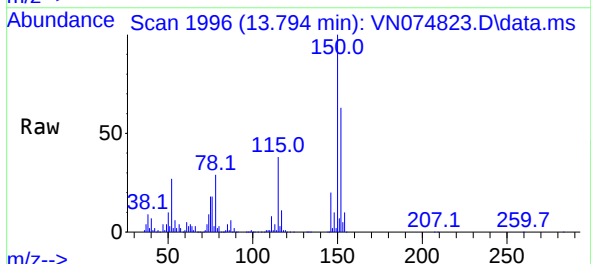
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

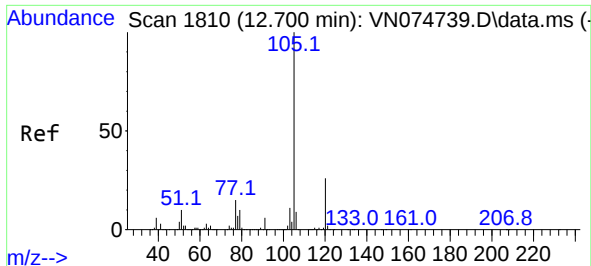
Tgt Ion:173 Resp: 239912  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.9 71.7  
254 0.1 0.1 0.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:152 Resp: 353098  
Ion Ratio Lower Upper  
152 100  
115 59.7 30.0 90.0  
150 170.6 0.0 356.4

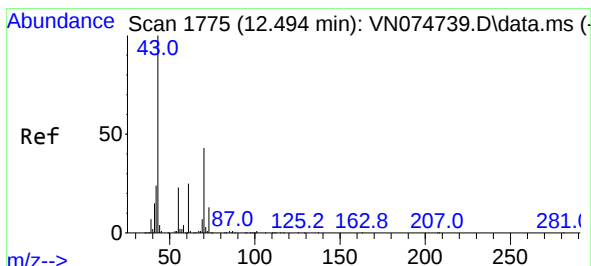
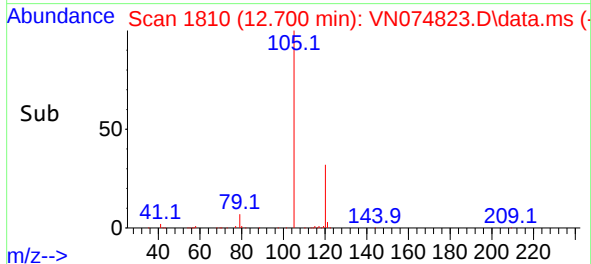
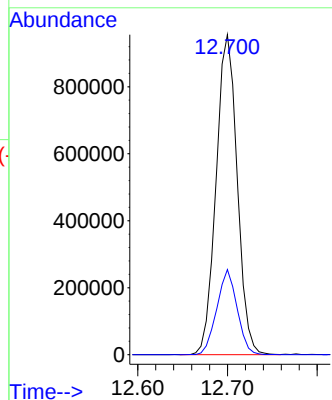
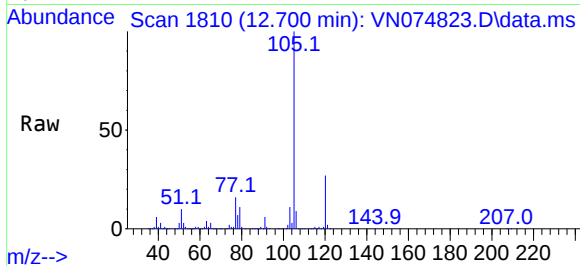




#73  
Isopropylbenzene  
Concen: 45.904 ug/l  
RT: 12.700 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

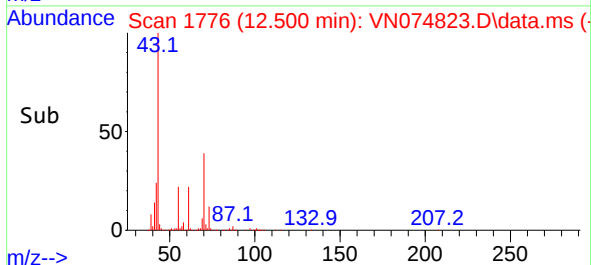
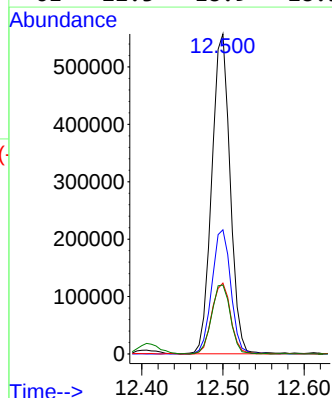
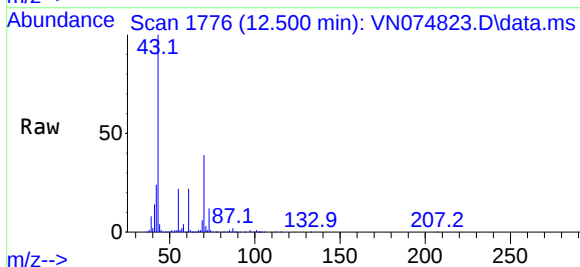
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

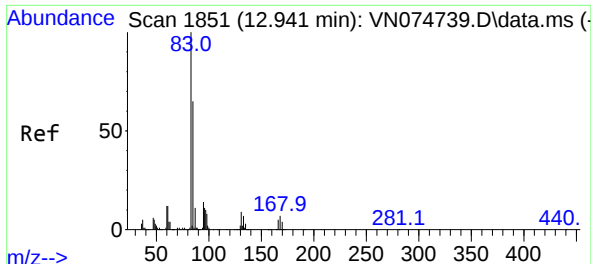
Tgt Ion:105 Resp: 1559742  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.1 39.3



#74  
N-ethyl acetate  
Concen: 42.511 ug/l  
RT: 12.500 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 43 Resp: 873343  
Ion Ratio Lower Upper  
43 100  
70 40.2 32.9 49.3  
55 22.8 17.8 26.6  
61 22.3 18.9 28.3

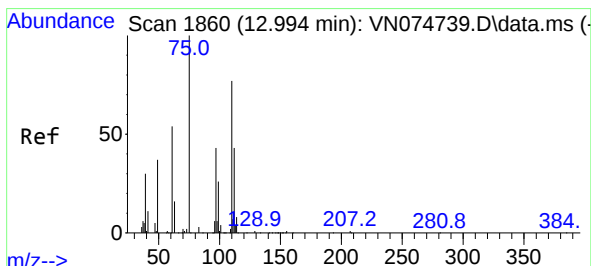
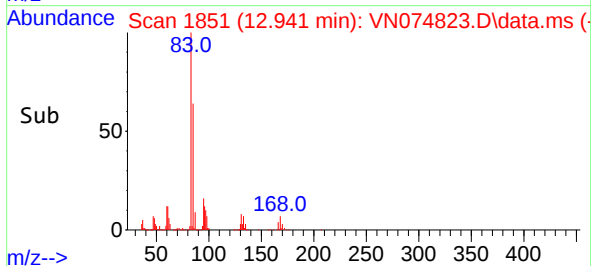
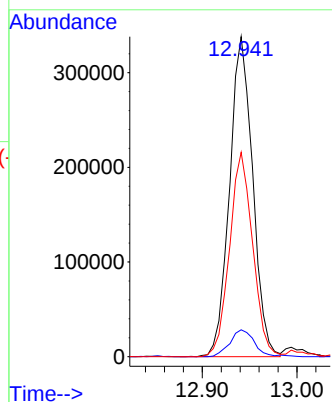
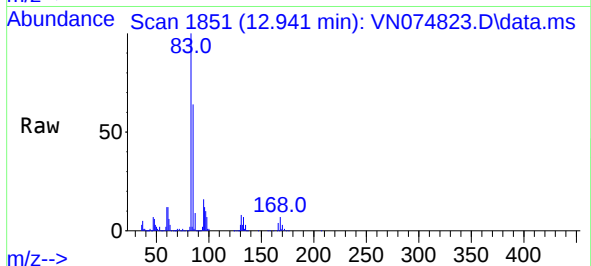




#75  
1,1,2,2-Tetrachloroethane  
Concen: 52.160 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

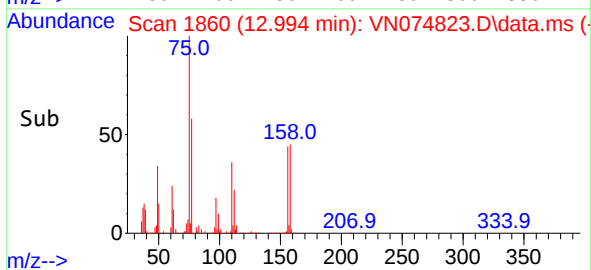
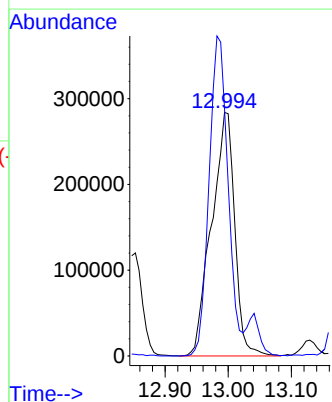
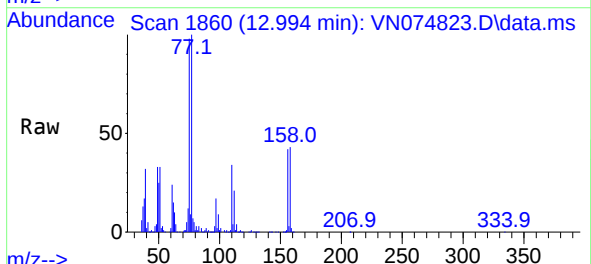
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

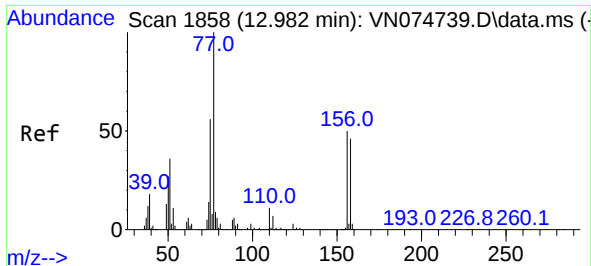
Tgt Ion: 83 Resp: 573100  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.3 12.8  
85 63.9 32.9 98.6



#76  
1,2,3-Trichloropropane  
Concen: 68.699 ug/l  
RT: 12.994 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 75 Resp: 724015  
Ion Ratio Lower Upper  
75 100  
77 107.4 76.9 230.7

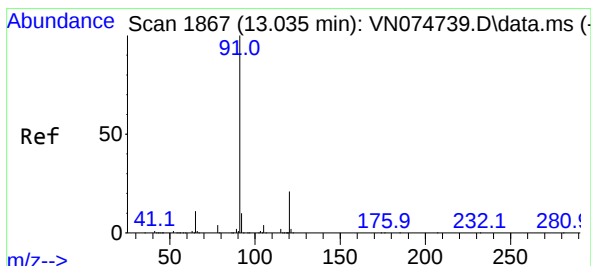
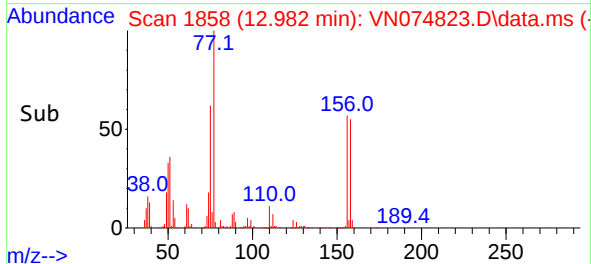
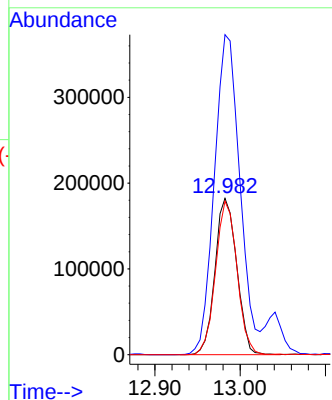
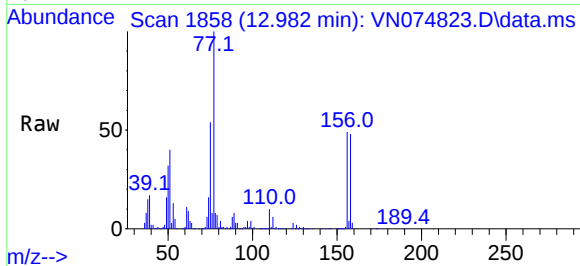




#77  
Bromobenzene  
Concen: 53.015 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

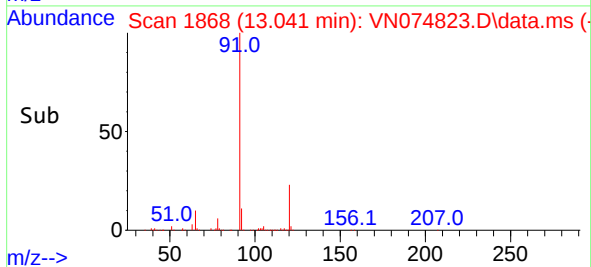
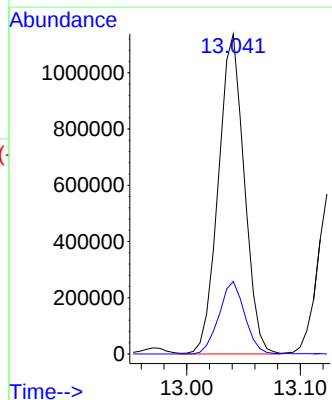
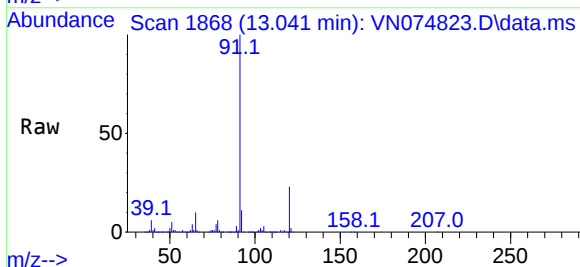
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

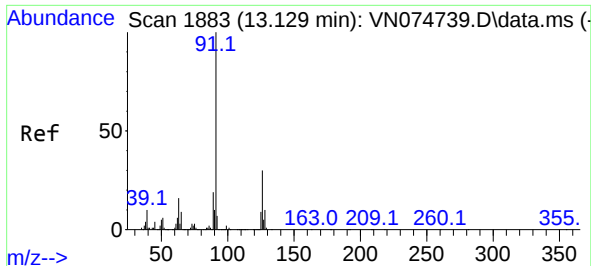
Tgt Ion:156 Resp: 322506  
Ion Ratio Lower Upper  
156 100  
77 241.1 124.7 374.1  
158 97.0 48.3 144.9



#78  
n-propylbenzene  
Concen: 46.022 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 91 Resp: 1801547  
Ion Ratio Lower Upper  
91 100  
120 22.5 10.8 32.4

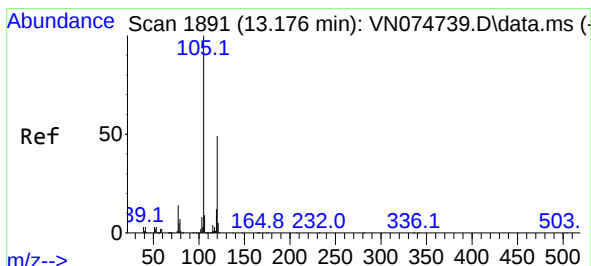
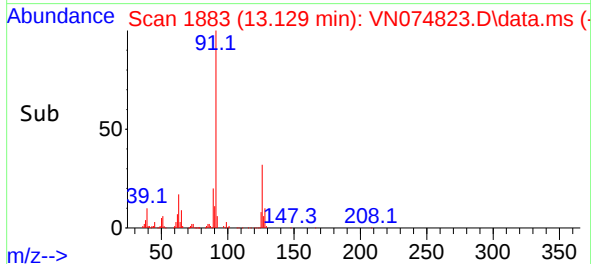
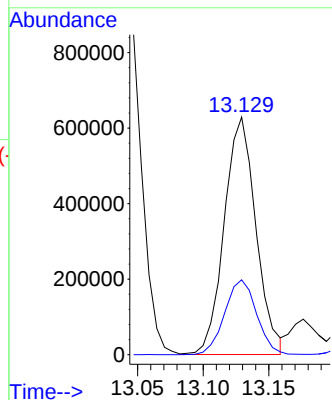
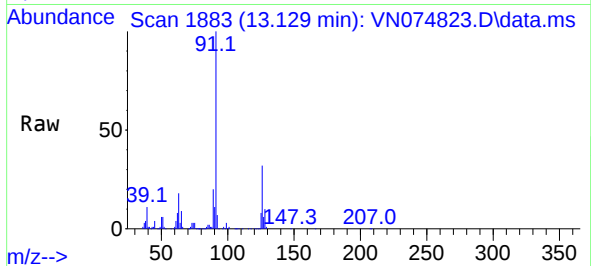




#79  
2-Chlorotoluene  
Concen: 44.584 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

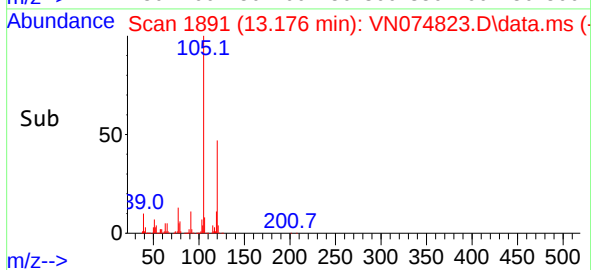
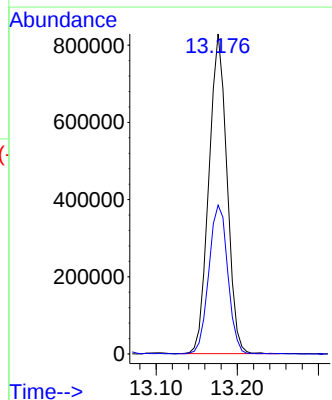
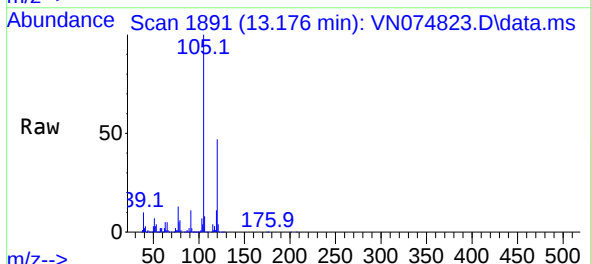
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

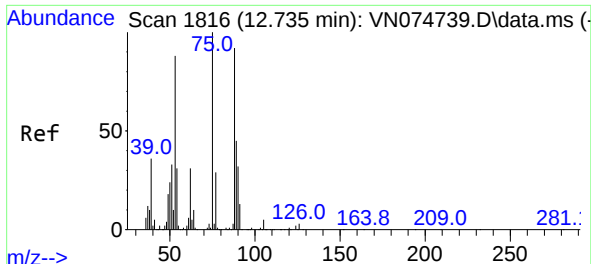
Tgt Ion: 91 Resp: 1058294  
Ion Ratio Lower Upper  
91 100  
126 31.8 15.7 47.0



#80  
1,3,5-Trimethylbenzene  
Concen: 47.299 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 105 Resp: 1281752  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.6 73.6

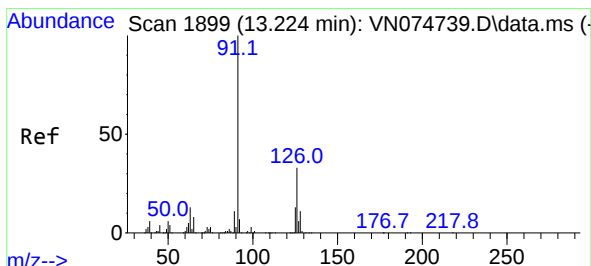
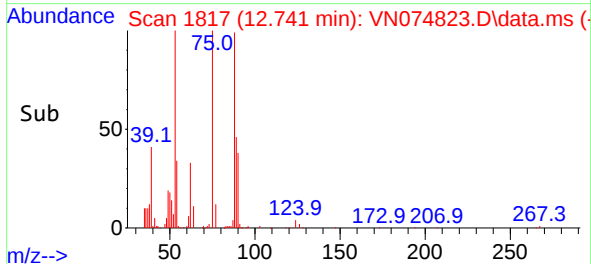
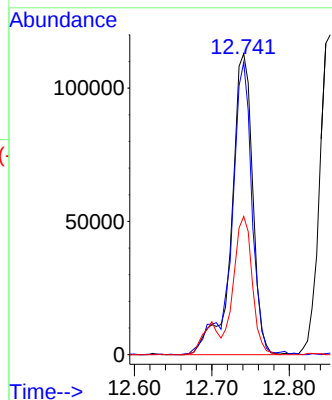
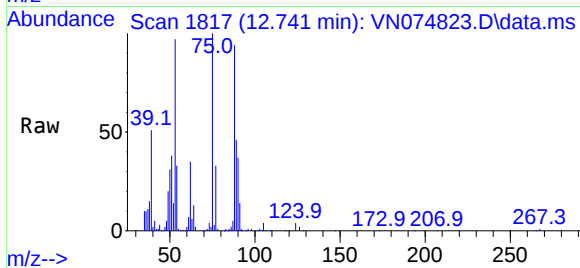




#81  
trans-1,4-Dichloro-2-butene  
Concen: 39.550 ug/l  
RT: 12.741 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

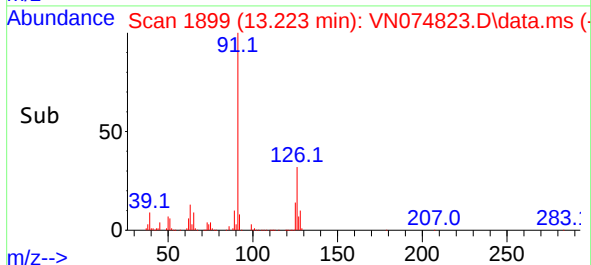
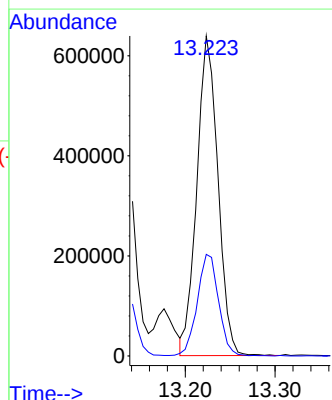
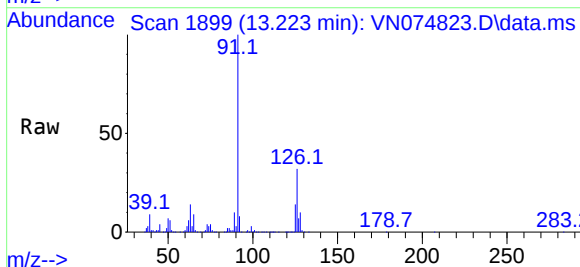
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

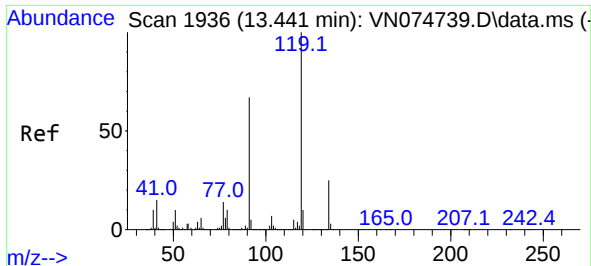
Tgt Ion: 75 Resp: 213934  
Ion Ratio Lower Upper  
75 100  
53 94.2 71.4 107.0  
89 40.4 32.1 48.1



#82  
4-Chlorotoluene  
Concen: 47.367 ug/l  
RT: 13.223 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 91 Resp: 1042094  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.4 49.2

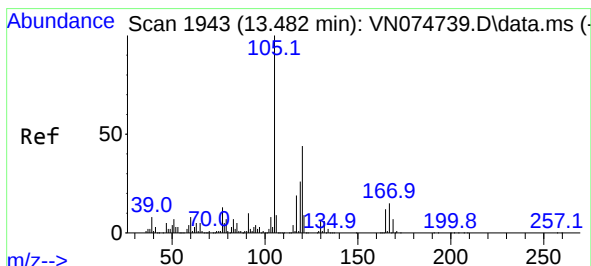
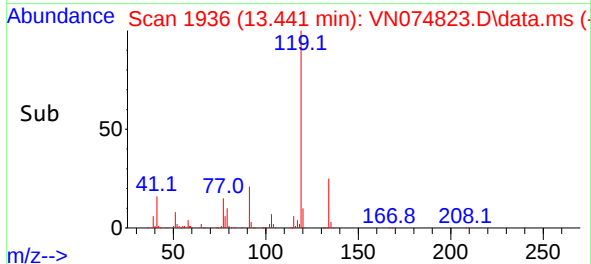
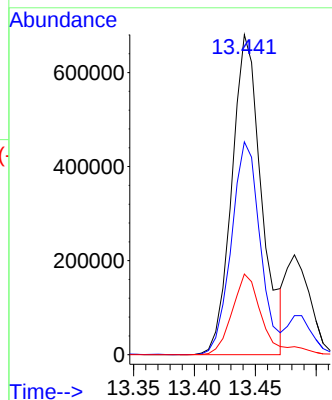
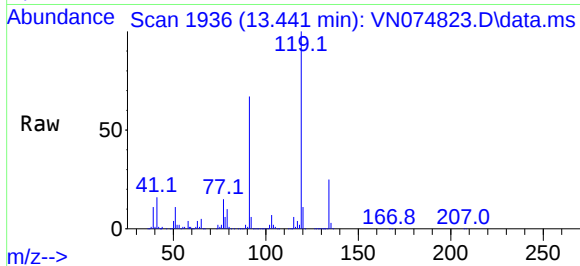




#83  
tert-Butylbenzene  
Concen: 49.288 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

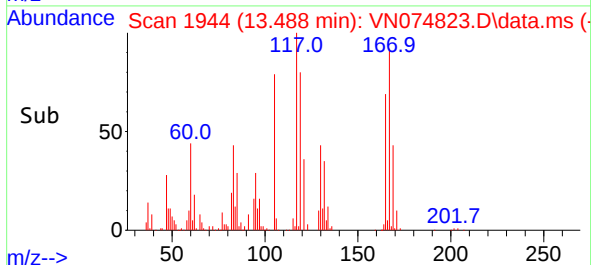
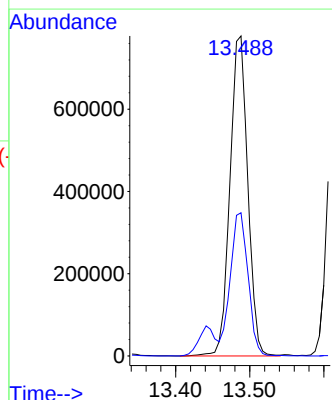
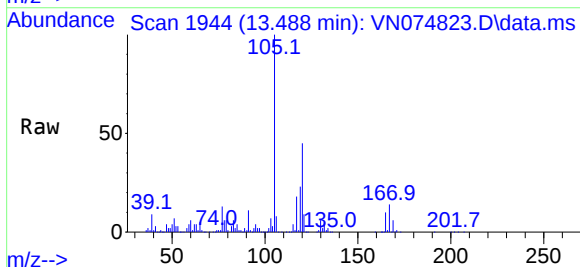
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

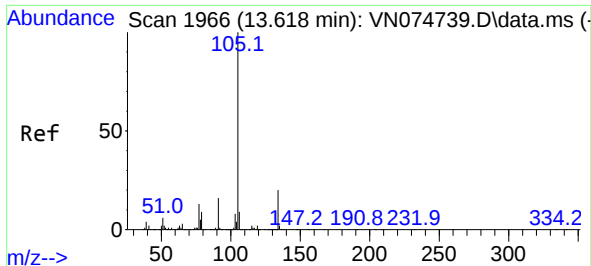
Tgt Ion:119 Resp: 1154195  
Ion Ratio Lower Upper  
119 100  
91 64.9 33.0 98.9  
134 25.8 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 47.309 ug/l  
RT: 13.488 min Scan# 1944  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:105 Resp: 1296315  
Ion Ratio Lower Upper  
105 100  
120 44.8 21.7 65.1

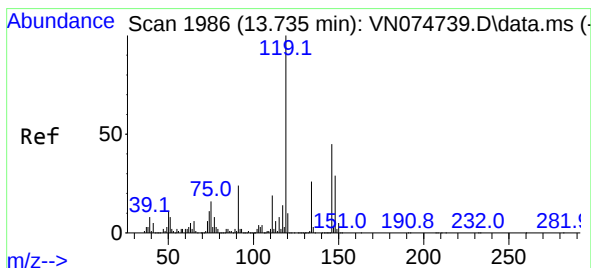
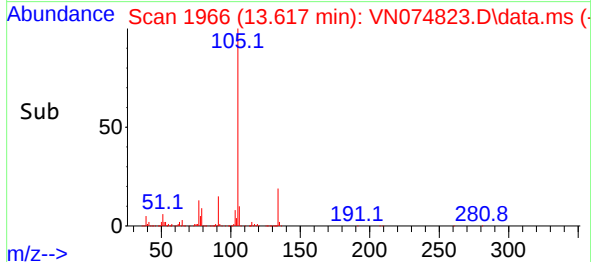
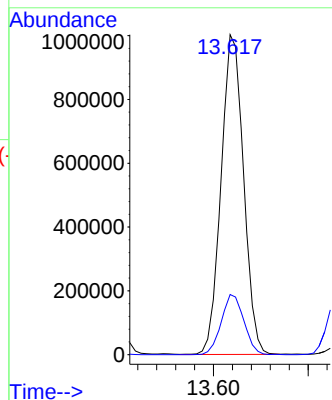
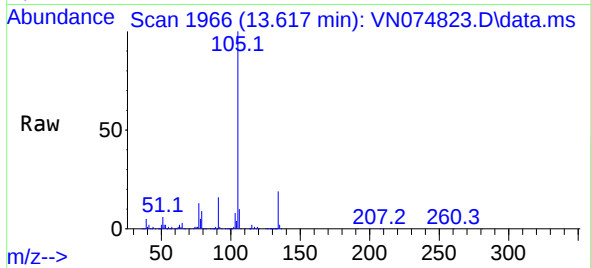




#85  
 sec-Butylbenzene  
 Concen: 48.582 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

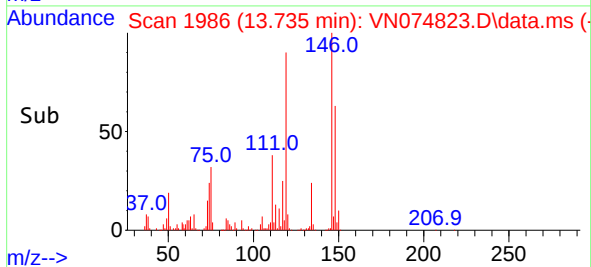
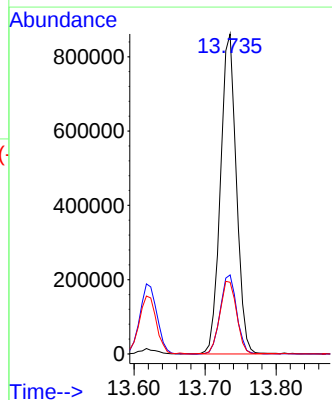
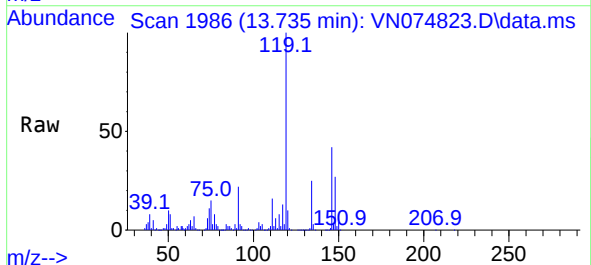
Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

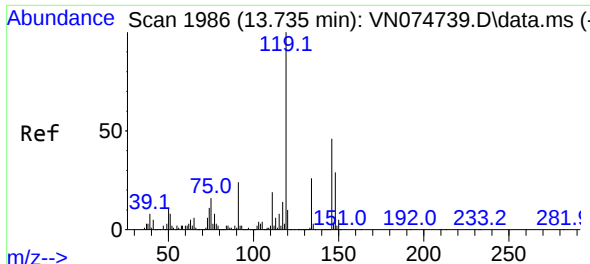
Tgt Ion:105 Resp: 1653236  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 9.4 28.2



#86  
 p-Isopropyltoluene  
 Concen: 50.868 ug/l  
 RT: 13.735 min Scan# 1986  
 Delta R.T. -0.000 min  
 Lab File: VN074823.D  
 Acq: 07 Oct 2022 19:57

Tgt Ion:119 Resp: 1335831  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 13.1 39.1  
 91 24.1 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 46.723 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

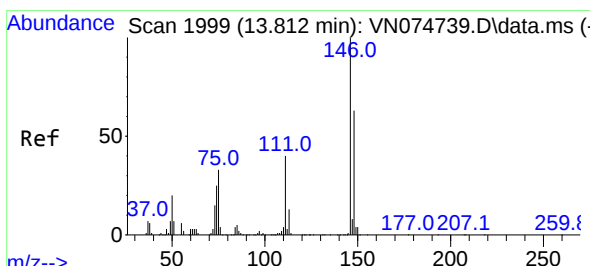
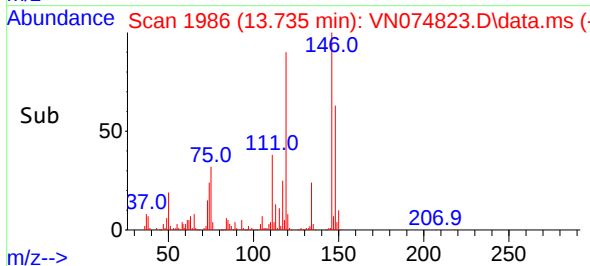
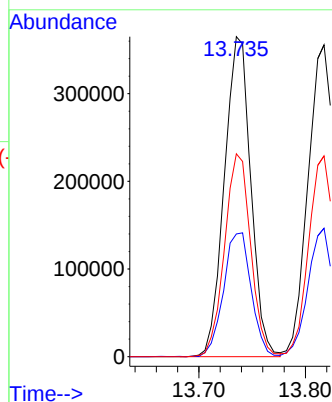
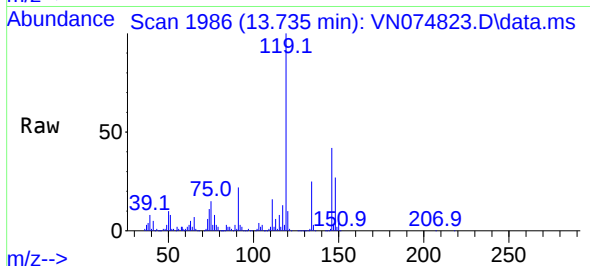
Tgt Ion:146 Resp: 629613

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.2

148 62.8 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 49.798 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

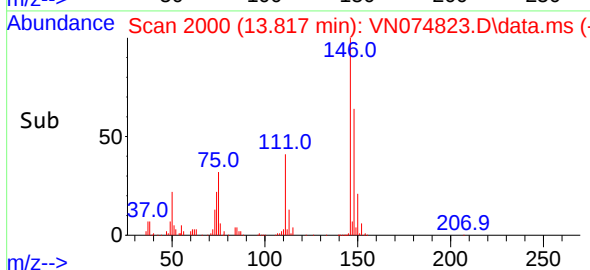
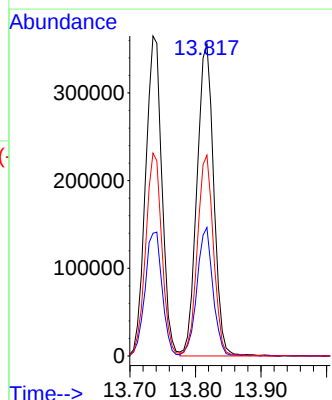
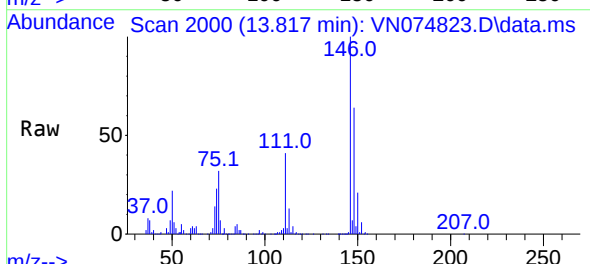
Tgt Ion:146 Resp: 633844

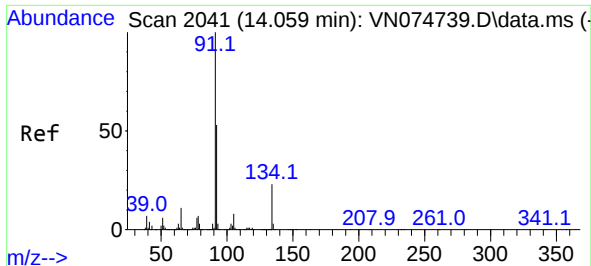
Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.6

148 61.8 31.8 95.4

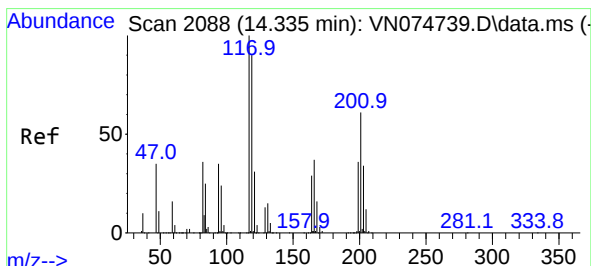
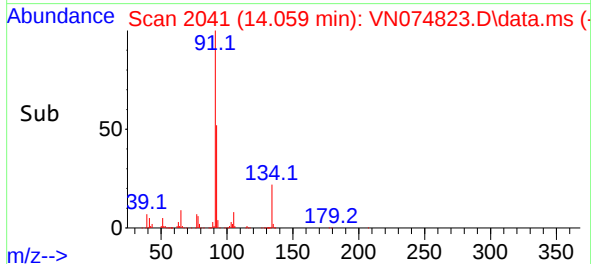
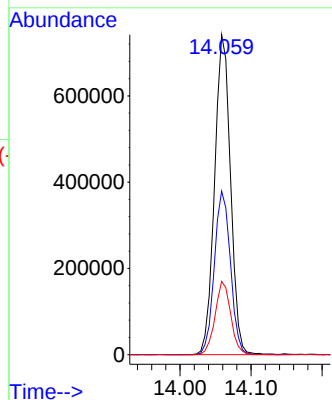
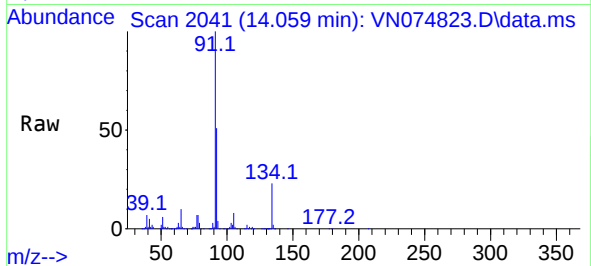




#89  
n-Butylbenzene  
Concen: 49.915 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

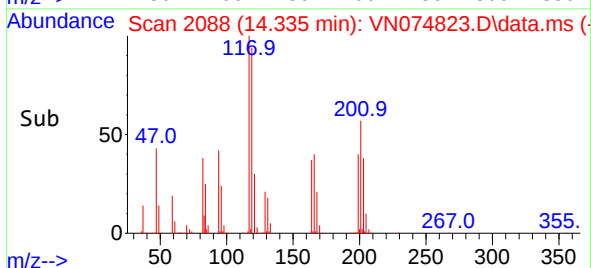
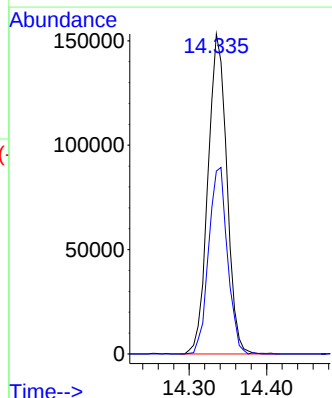
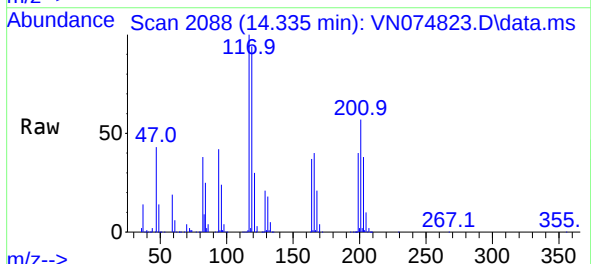
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

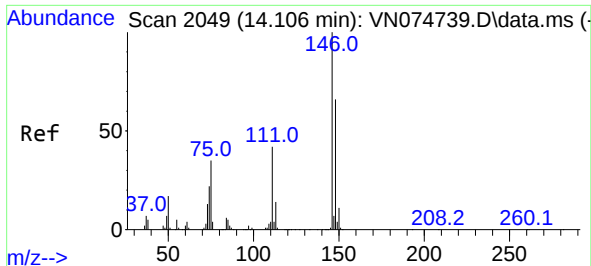
Tgt Ion: 91 Resp: 1155347  
Ion Ratio Lower Upper  
91 100  
92 51.6 26.7 80.0  
134 22.5 11.9 35.5



#90  
Hexachloroethane  
Concen: 44.154 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. 0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion: 117 Resp: 259256  
Ion Ratio Lower Upper  
117 100  
201 58.2 30.3 90.8





#91

1,2-Dichlorobenzene

Concen: 48.563 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

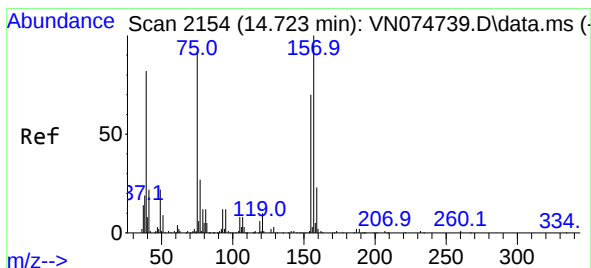
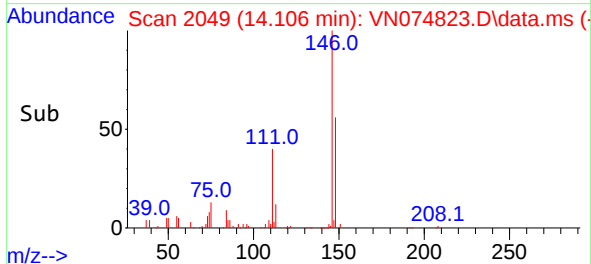
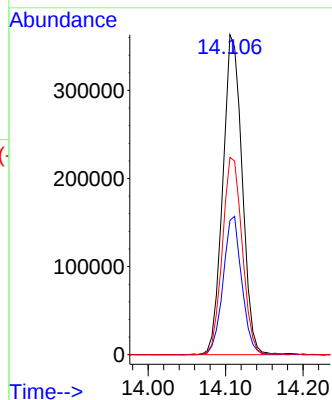
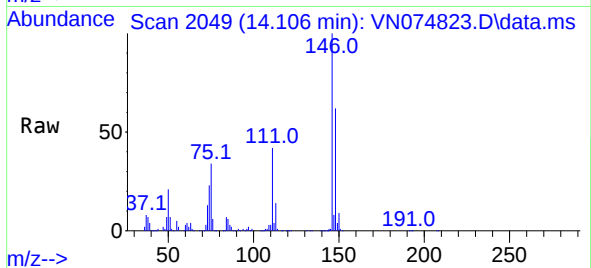
Tgt Ion:146 Resp: 630220

Ion Ratio Lower Upper

146 100

111 42.0 21.5 64.5

148 63.3 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.278 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN074823.D

Acq: 07 Oct 2022 19:57

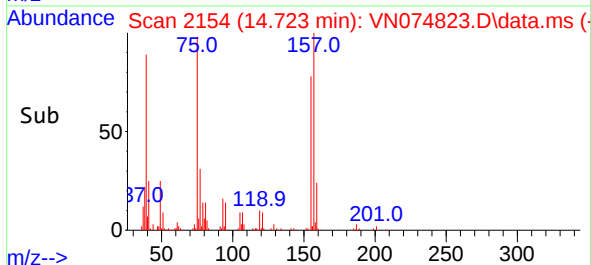
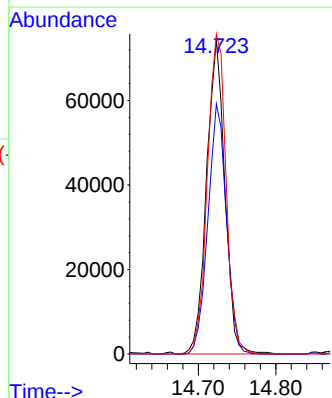
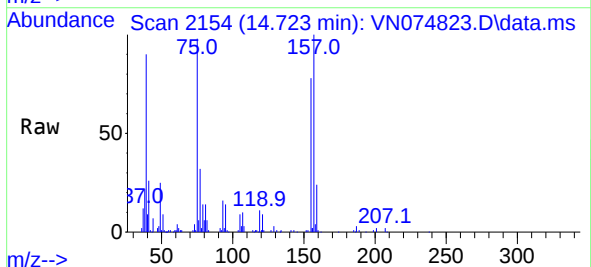
Tgt Ion: 75 Resp: 121885

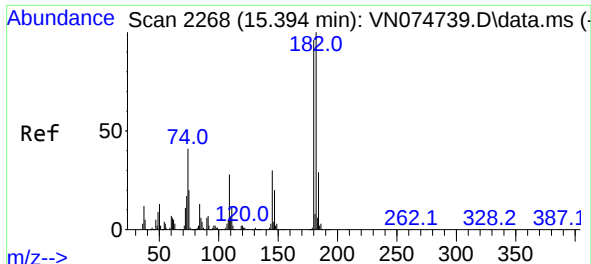
Ion Ratio Lower Upper

75 100

155 80.5 40.3 120.8

157 103.6 51.3 153.9

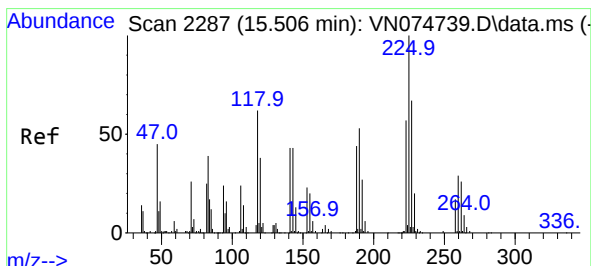
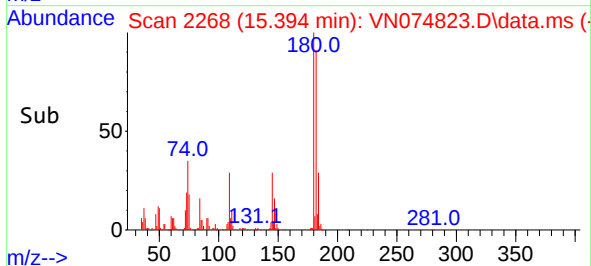
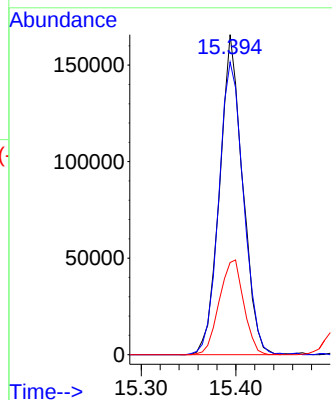
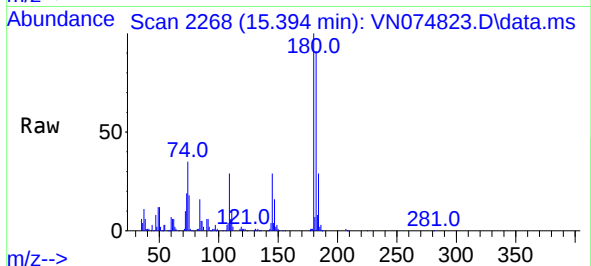




#93  
1,2,4-Trichlorobenzene  
Concen: 49.368 ug/l  
RT: 15.394 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

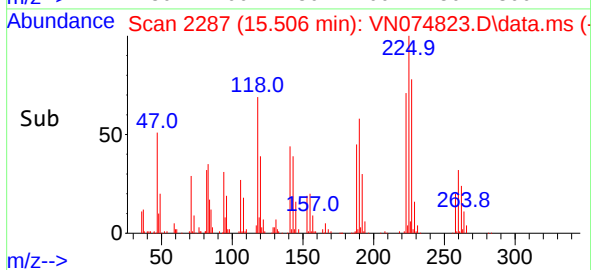
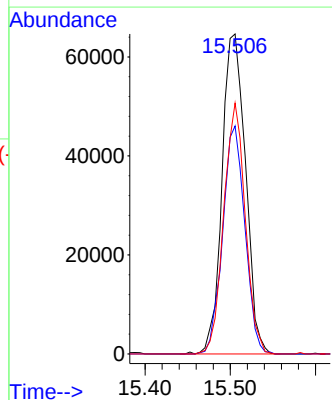
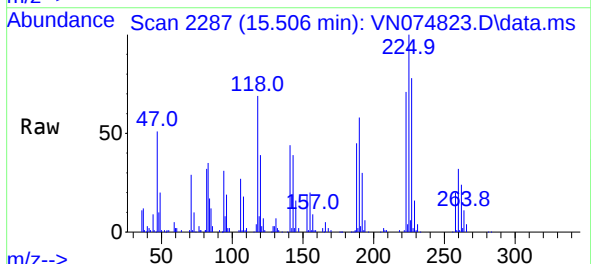
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

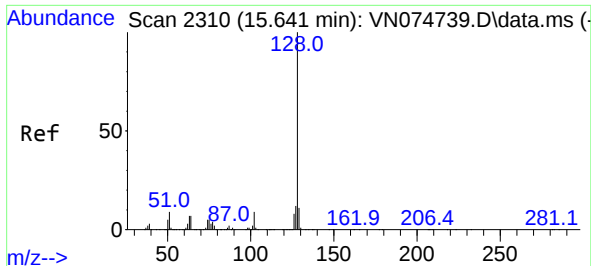
Tgt Ion:180 Resp: 280241  
Ion Ratio Lower Upper  
180 100  
182 97.9 48.5 145.5  
145 31.3 16.1 48.3



#94  
Hexachlorobutadiene  
Concen: 46.528 ug/l  
RT: 15.506 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:225 Resp: 123554  
Ion Ratio Lower Upper  
225 100  
223 67.4 31.7 95.1  
227 72.0 31.2 93.6

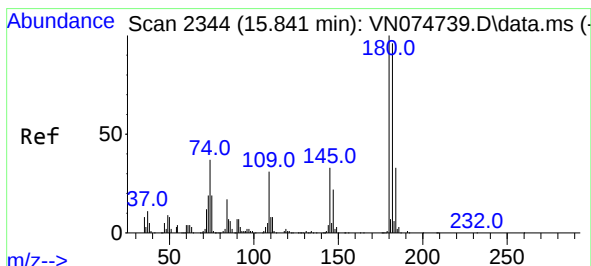
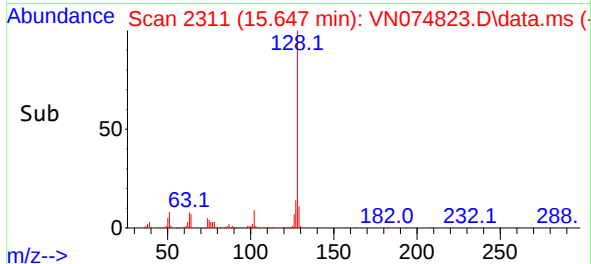
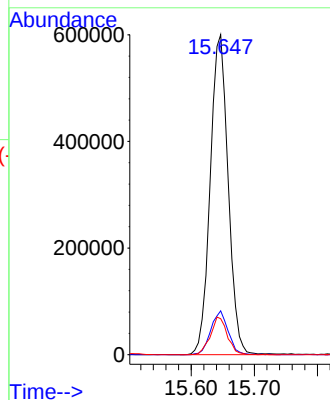
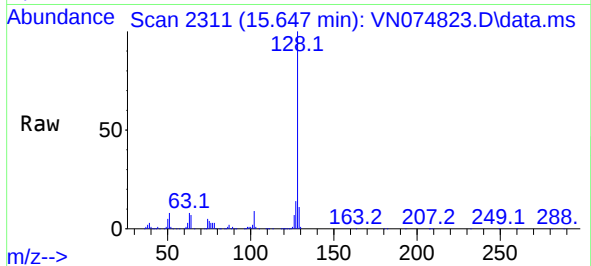




#95  
Naphthalene  
Concen: 48.224 ug/l  
RT: 15.647 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1183488  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.2 15.2  
129 11.1 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 51.039 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN074823.D  
Acq: 07 Oct 2022 19:57

Tgt Ion:180 Resp: 286238  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.3 142.0  
145 33.2 17.1 51.2

