

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101722\  
 Data File : VX032155.D  
 Acq On : 17 Oct 2022 13:37  
 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Oct 18 03:56:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 18 03:50:38 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 5.556  | 168   | 142500   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 236347   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 220317   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 101617   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 220701   | 97.243   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | = 194.480%# |          |
| 35) Dibromofluoromethane     | 5.391  | 113   | 165912   | 102.882  | ug/l        | 0.01     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 205.760%# |          |
| 50) Toluene-d8               | 8.653  | 98    | 606167   | 107.165  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | = 214.320%# |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 247035   | 114.707  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 229.420%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.167  | 85    | 156231   | 99.572   | ug/l        | 99       |
| 3) Chloromethane             | 1.288  | 50    | 142744   | 94.224   | ug/l        | 98       |
| 4) Vinyl Chloride            | 1.374  | 62    | 164833   | 97.642   | ug/l        | 97       |
| 5) Bromomethane              | 1.612  | 94    | 111048   | 88.872   | ug/l        | 99       |
| 6) Chloroethane              | 1.685  | 64    | 120524   | 96.170   | ug/l        | 98       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 245281   | 93.122   | ug/l        | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 83533    | 95.936   | ug/l        | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 117246   | 94.184   | ug/l        | 92       |
| 10) Methyl Iodide            | 2.453  | 142   | 153723   | 101.859  | ug/l        | 99       |
| 11) Tert butyl alcohol       | 3.050  | 59    | 139069   | 445.515  | ug/l #      | 73       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 110785   | 95.255   | ug/l        | 91       |
| 13) Acrolein                 | 2.239  | 56    | 121804   | 463.583  | ug/l        | 100      |
| 14) Allyl chloride           | 2.666  | 41    | 210987   | 102.651  | ug/l        | 96       |
| 15) Acrylonitrile            | 3.069  | 53    | 379920   | 507.002  | ug/l        | 99       |
| 16) Acetone                  | 2.392  | 43    | 239622   | 439.104  | ug/l        | 96       |
| 17) Carbon Disulfide         | 2.514  | 76    | 288380   | 98.815   | ug/l        | 98       |
| 18) Methyl Acetate           | 2.709  | 43    | 228425   | 102.782  | ug/l        | 97       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 518995   | 107.505  | ug/l        | 98       |
| 20) Methylene Chloride       | 2.788  | 84    | 157122   | 93.647   | ug/l        | 94       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 157531   | 99.966   | ug/l        | 97       |
| 22) Diisopropyl ether        | 3.764  | 45    | 510867   | 100.047  | ug/l        | 99       |
| 23) Vinyl Acetate            | 3.727  | 43    | 2082384  | 522.046  | ug/l        | 99       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 289069   | 97.131   | ug/l        | 99       |
| 25) 2-Butanone               | 4.568  | 43    | 534887   | 458.742  | ug/l        | 100      |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 245840   | 104.955  | ug/l        | 100      |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 186377   | 98.332   | ug/l        | 96       |
| 28) Bromochloromethane       | 4.904  | 49    | 112291   | 92.345   | ug/l        | 92       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 347480   | 496.887  | ug/l        | 96       |
| 30) Chloroform               | 5.099  | 83    | 331946   | 101.914  | ug/l        | 99       |
| 31) Cyclohexane              | 5.471  | 56    | 254704   | 100.699  | ug/l        | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 303292   | 116.147  | ug/l        | 99       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 239109   | 102.485  | ug/l        | 99       |
| 37) Ethyl Acetate            | 4.721  | 43    | 227497   | 97.167   | ug/l        | 99       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 269298   | 108.992  | ug/l        | 98       |
| 39) Methylcyclohexane        | 7.385  | 83    | 285319   | 101.898  | ug/l        | 97       |
| 40) Benzene                  | 6.044  | 78    | 655194   | 100.398  | ug/l        | 99       |

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 Operator : JC/MD  
 Sample : VSTDICC100  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC100

Quant Time: Oct 18 03:56:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101722W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 18 03:50:38 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 124812   | 103.386  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 275749   | 100.882  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 376765   | 106.788  | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 183441   | 99.762   | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 164702   | 101.303  | ug/l   | 94       |
| 46) Dibromomethane            | 7.580  | 93   | 127974   | 102.464  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.824  | 83   | 257427   | 110.642  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.696  | 41   | 191232   | 106.947  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.702  | 88   | 65701    | 1792.051 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1134496  | 524.376  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 441523   | 106.188  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 277209   | 133.568  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 289484   | 118.782  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 176149   | 111.599  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 274510   | 121.775  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 298191   | 107.753  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 592416   | 530.460  | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 846011   | 527.826  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.525  | 129  | 198611   | 121.629  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 190926   | 112.005  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 181930   | 99.357   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.080 | 112  | 473830   | 97.874   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 182045   | 108.517  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 866868   | 101.884  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 667197   | 204.494  | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 332420   | 103.543  | ug/l   | 98       |
| 70) Styrene                   | 10.659 | 104  | 560935   | 108.121  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 139946   | 118.597  | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.964 | 105  | 886973   | 115.439  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 341172   | 126.833  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 258490   | 104.940  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 300965   | 134.158  | ug/l   | 87       |
| 77) Bromobenzene              | 11.201 | 156  | 206202   | 110.246  | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 1013380  | 110.065  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 615064   | 108.145  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 771334   | 113.736  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 80954    | 141.443  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 734995   | 110.899  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 739948   | 110.912  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 766459   | 112.313  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 947448   | 113.477  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 690613   | 99.362   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 361767   | 100.082  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 373781   | 102.474  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 574226   | 100.208  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.543 | 117  | 104118   | 107.948  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 305382   | 88.413   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 43507    | 99.127   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 190270   | 99.180   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 75458    | 93.850   | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 645798   | 100.733  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 190612   | 99.248   | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDICC100  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

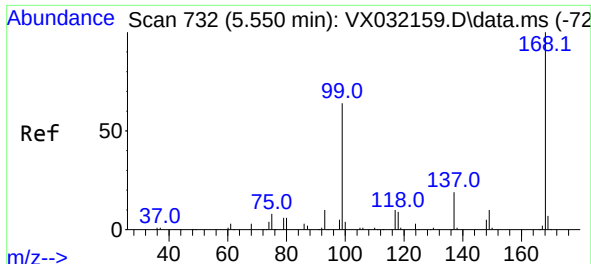
Quant Time: Oct 18 03:56:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 18 03:50:38 2022  
Response via : Initial Calibration

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

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

Quant Time: Oct 18 03:56:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X101722W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 18 03:50:38 2022  
Response via : Initial Calibration

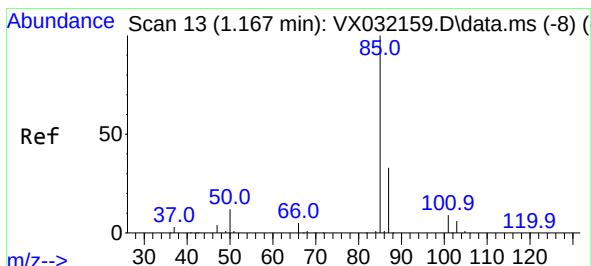
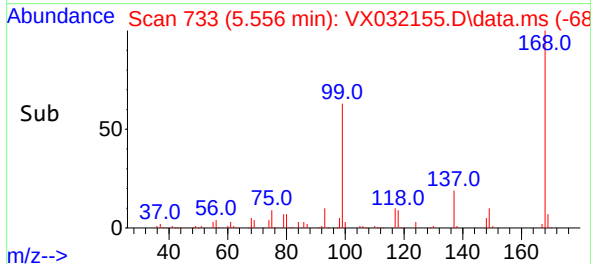
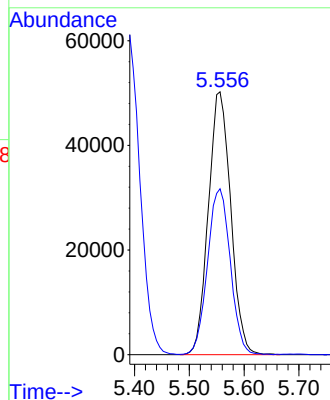
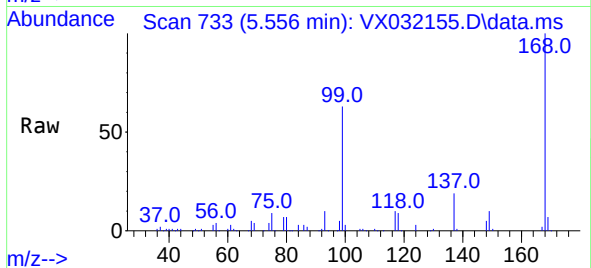




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

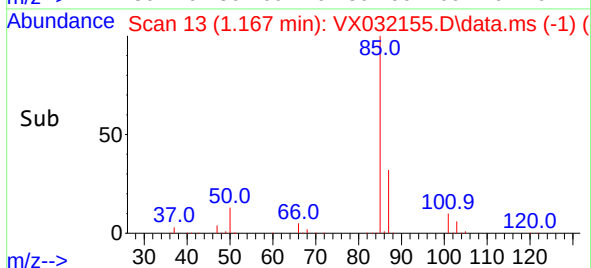
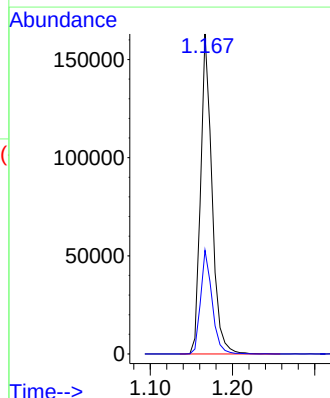
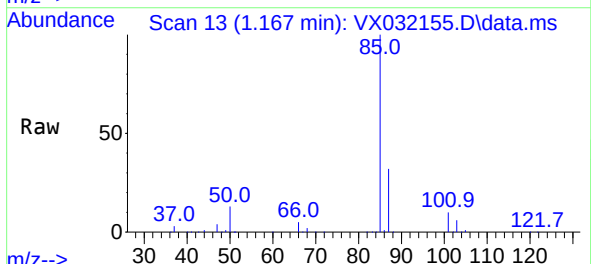
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

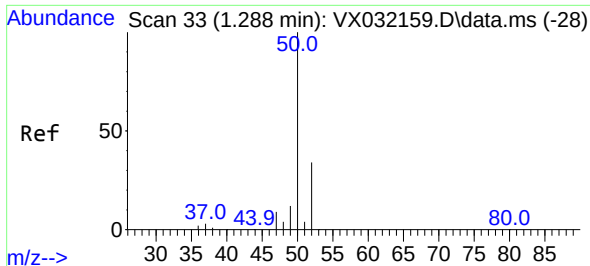
Tgt Ion:168 Resp: 142500  
Ion Ratio Lower Upper  
168 100  
99 63.0 48.8 73.2



#2  
Dichlorodifluoromethane  
Concen: 99.572 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 85 Resp: 156231  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.8 47.4

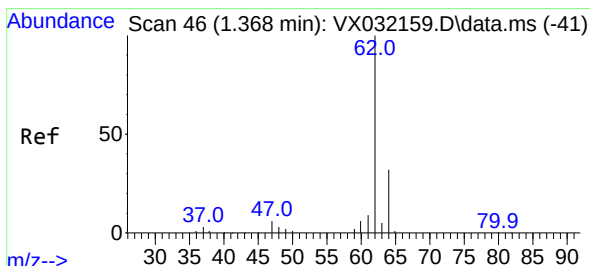
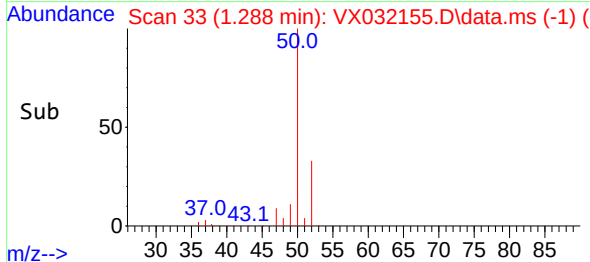
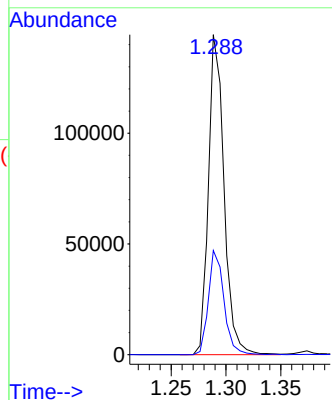
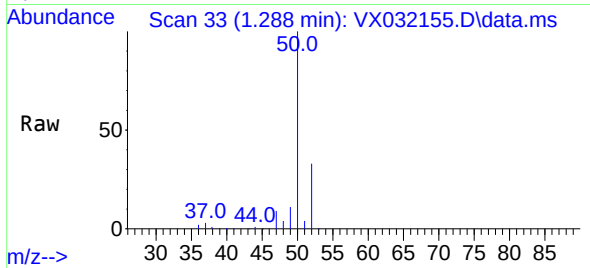




#3  
Chloromethane  
Concen: 94.224 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

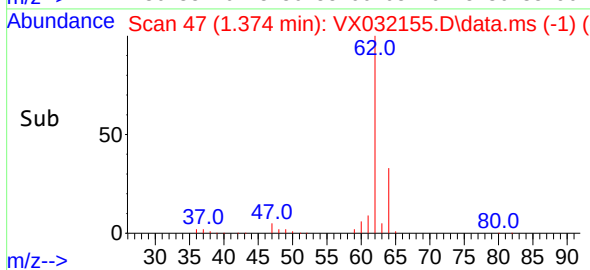
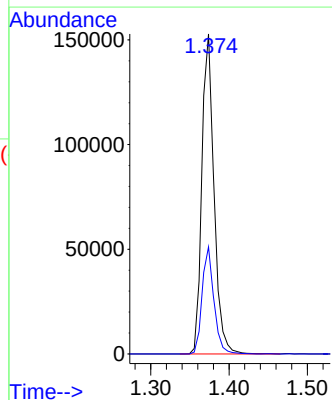
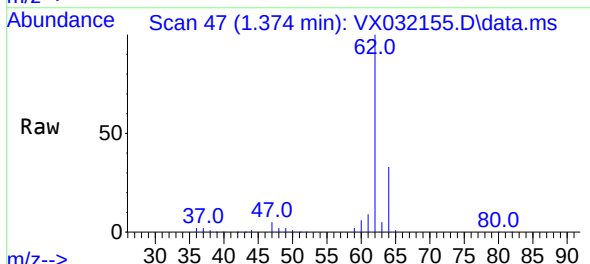
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

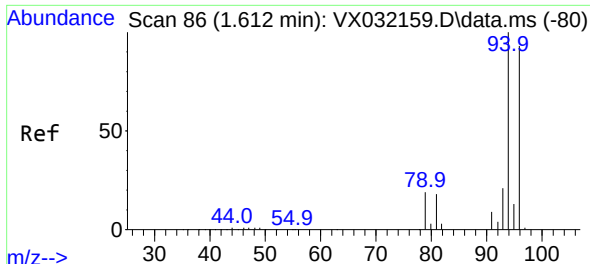
Tgt Ion: 50 Resp: 142744  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.9 40.3



#4  
Vinyl Chloride  
Concen: 97.642 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 62 Resp: 164833  
Ion Ratio Lower Upper  
62 100  
64 33.4 25.3 37.9

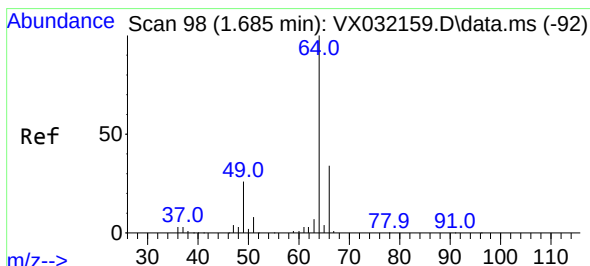
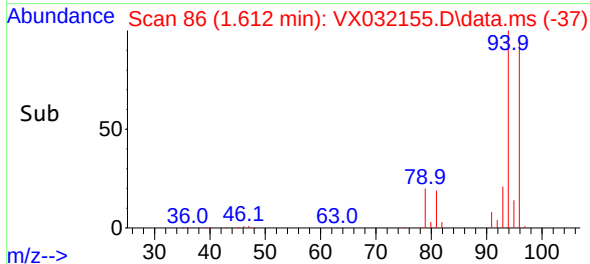
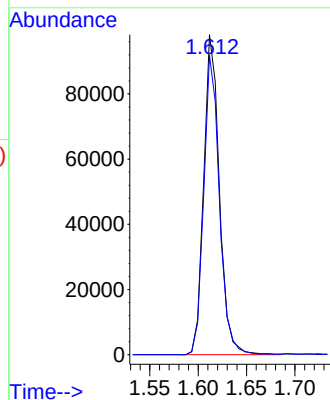
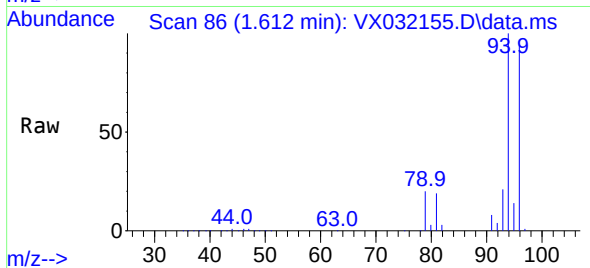




#5  
Bromomethane  
Concen: 88.872 ug/l  
RT: 1.612 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

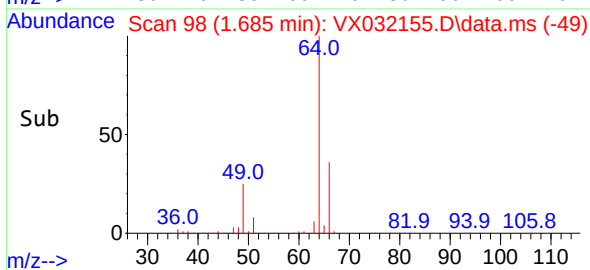
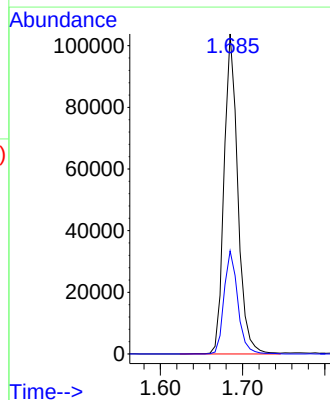
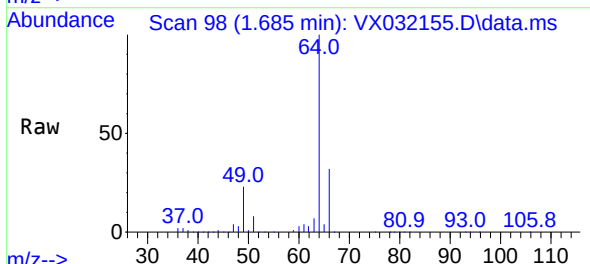
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

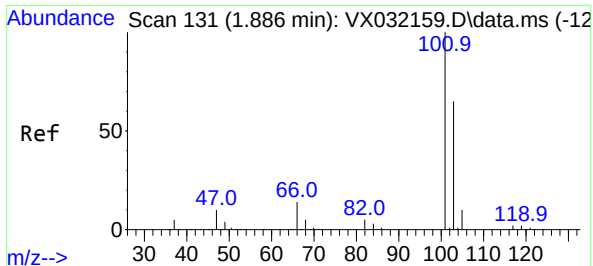
Tgt Ion: 94 Resp: 111048  
Ion Ratio Lower Upper  
94 100  
96 93.6 74.4 111.6



#6  
Chloroethane  
Concen: 96.170 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 64 Resp: 120524  
Ion Ratio Lower Upper  
64 100  
66 32.2 25.0 37.4

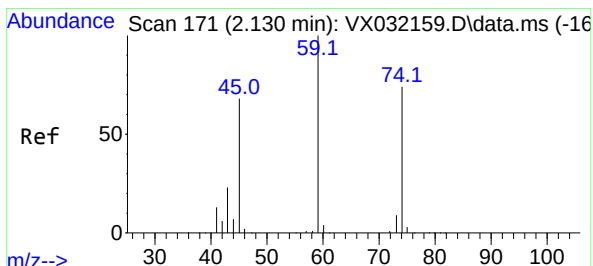
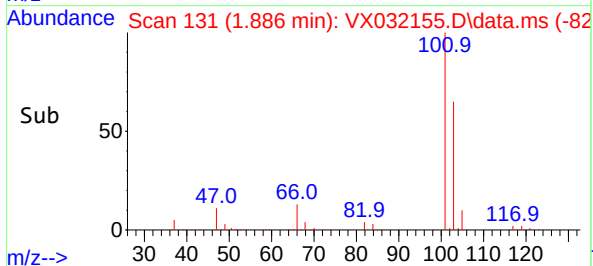
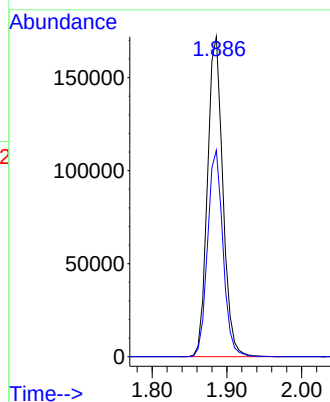
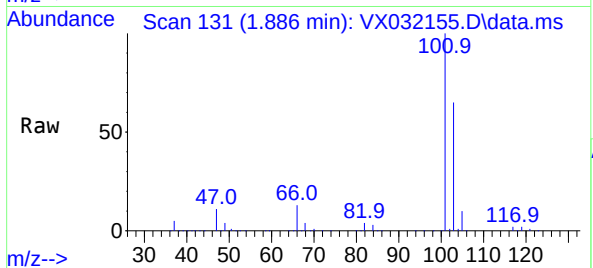




#7  
Trichlorofluoromethane  
Concen: 93.122 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

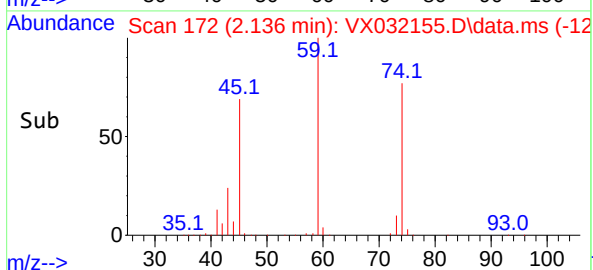
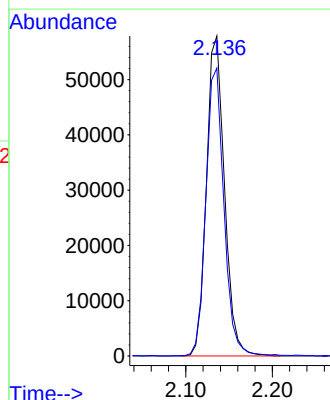
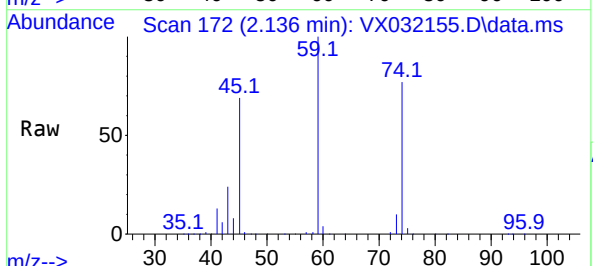
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:101 Resp: 245281  
Ion Ratio Lower Upper  
101 100  
103 64.5 51.8 77.6

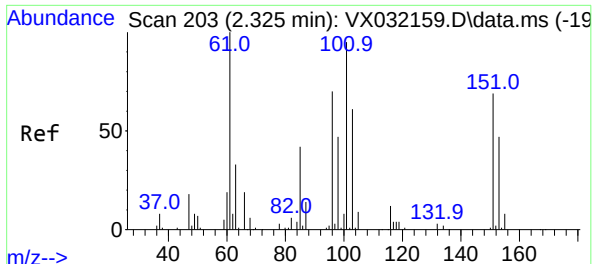


#8  
Diethyl Ether  
Concen: 95.936 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 74 Resp: 83533  
Ion Ratio Lower Upper  
74 100  
45 90.6 48.5 145.6



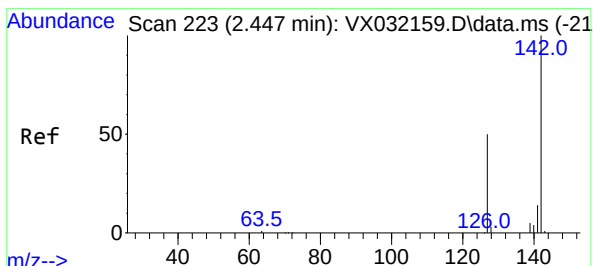
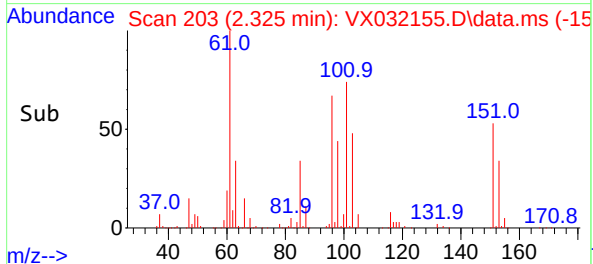
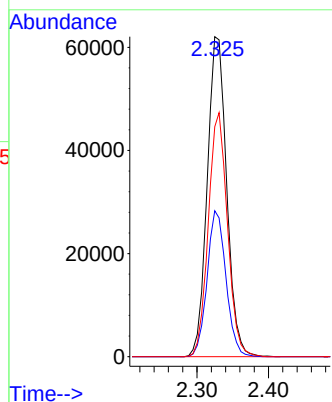
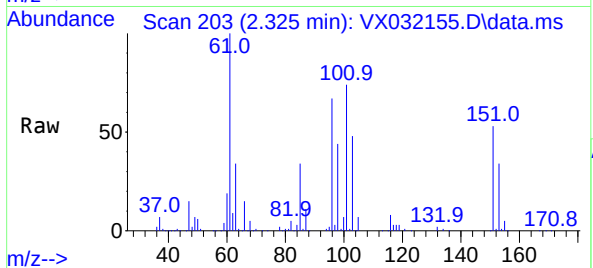




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 94.184 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

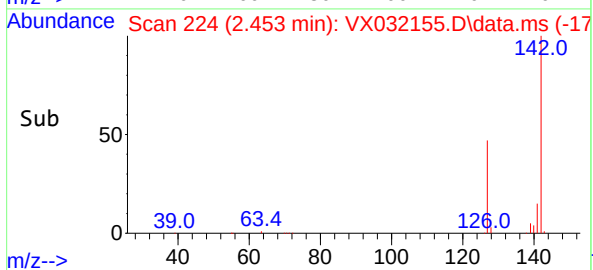
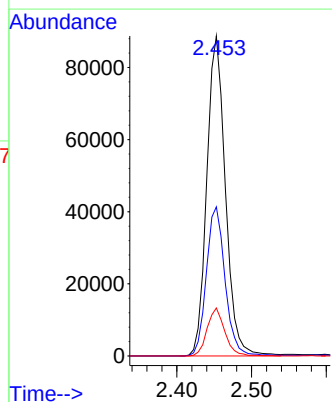
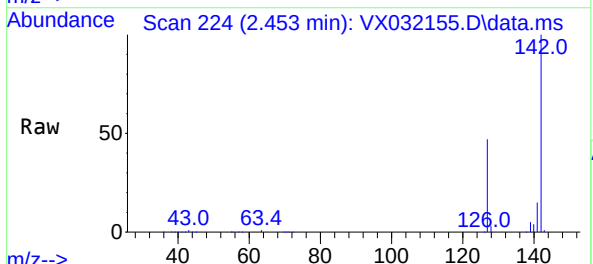
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

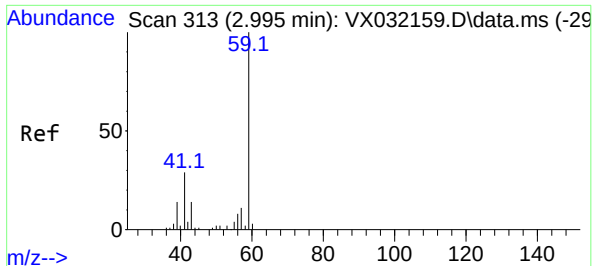
Tgt Ion:101 Resp: 117246  
Ion Ratio Lower Upper  
101 100  
85 44.3 38.6 57.8  
151 75.1 54.0 81.0



#10  
Methyl Iodide  
Concen: 101.859 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:142 Resp: 153723  
Ion Ratio Lower Upper  
142 100  
127 47.0 37.4 56.0  
141 14.2 11.6 17.4

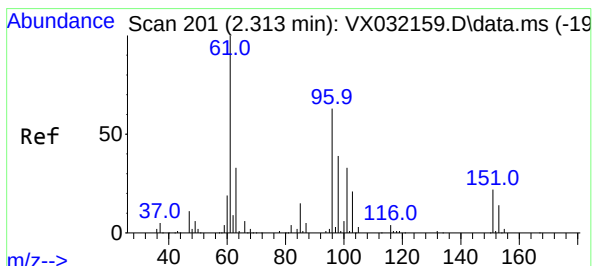
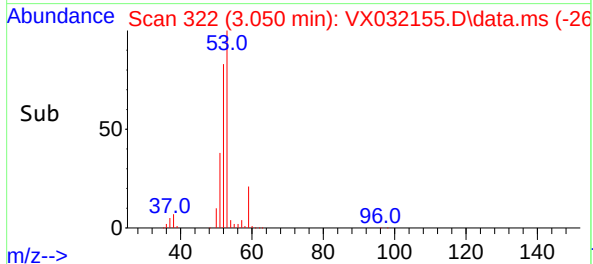
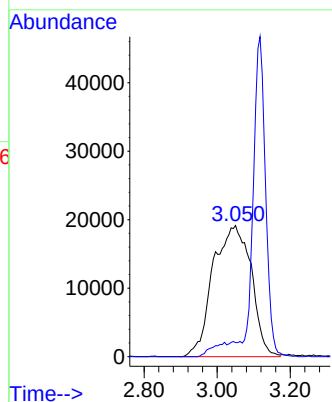
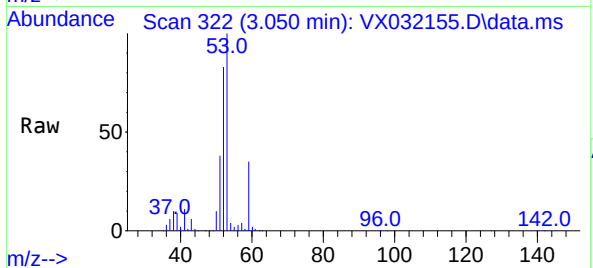




#11  
Tert butyl alcohol  
Concen: 445.515 ug/l  
RT: 3.050 min Scan# 31  
Delta R.T. 0.055 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

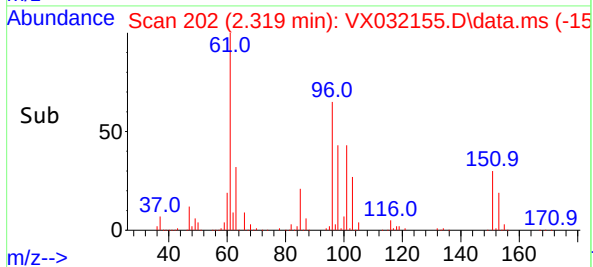
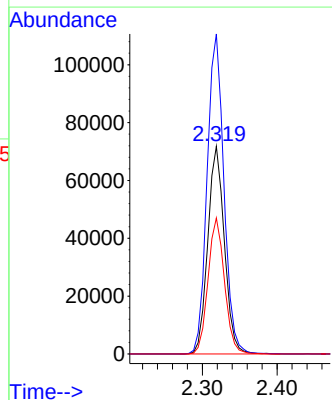
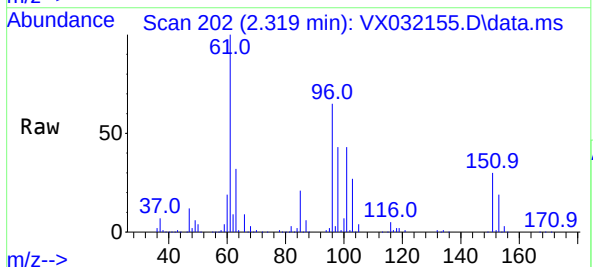
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

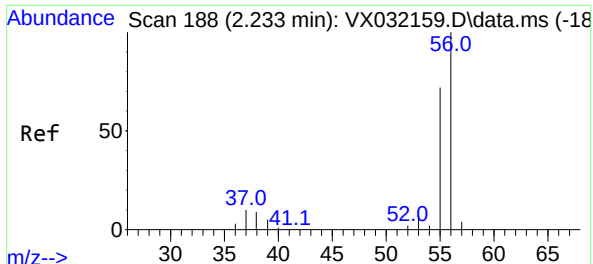
Tgt Ion: 59 Resp: 139069  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#12  
1,1-Dichloroethene  
Concen: 95.255 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 96 Resp: 110785  
Ion Ratio Lower Upper  
96 100  
61 154.0 135.3 202.9  
98 65.5 49.4 74.2

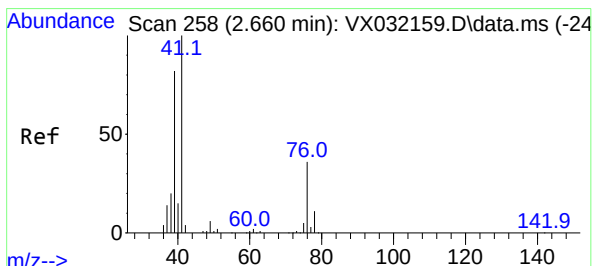
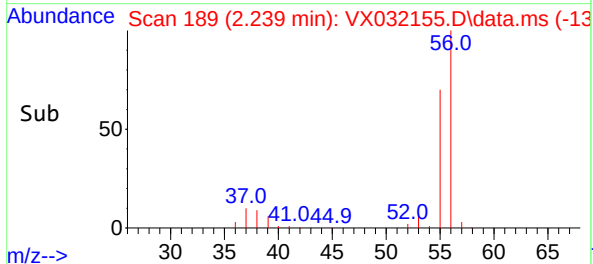
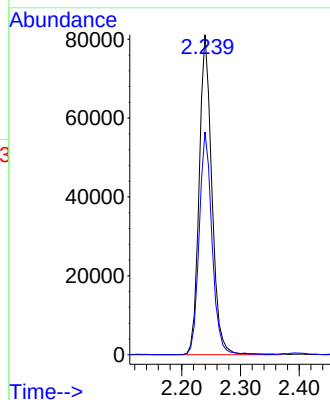
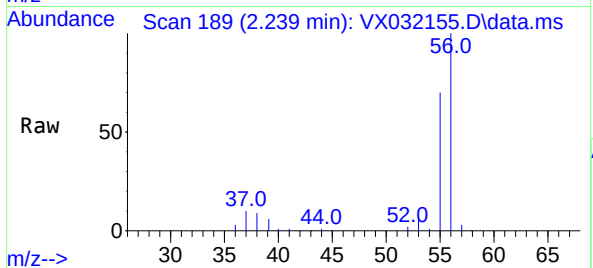




#13  
Acrolein  
Concen: 463.583 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

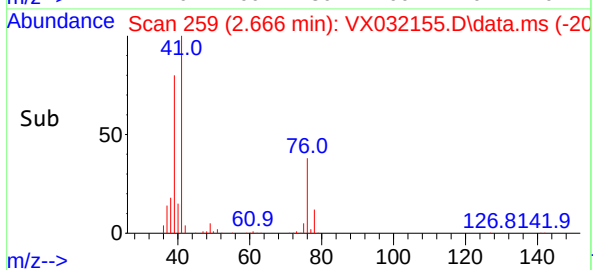
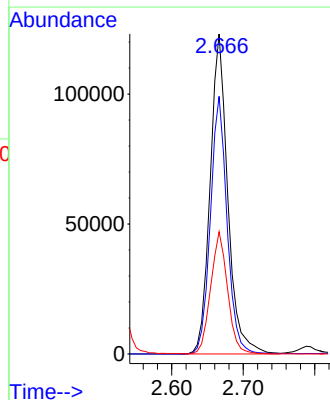
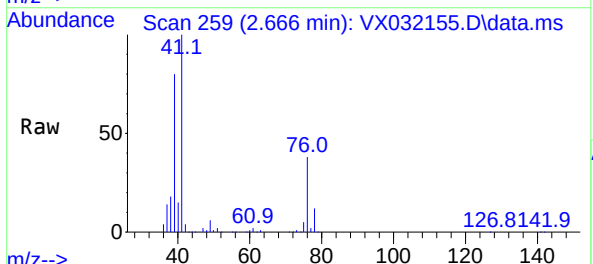
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

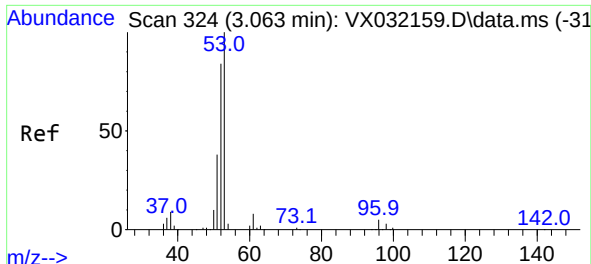
Tgt Ion: 56 Resp: 121804  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.0 84.0



#14  
Allyl chloride  
Concen: 102.651 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 41 Resp: 210987  
Ion Ratio Lower Upper  
41 100  
39 76.2 58.2 87.4  
76 36.4 26.9 40.3

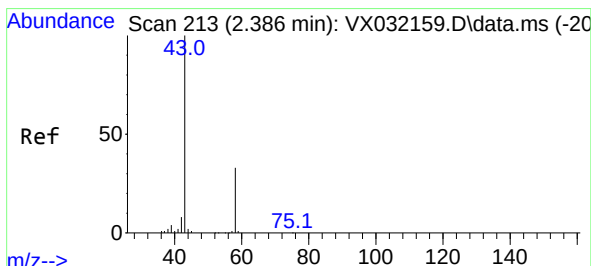
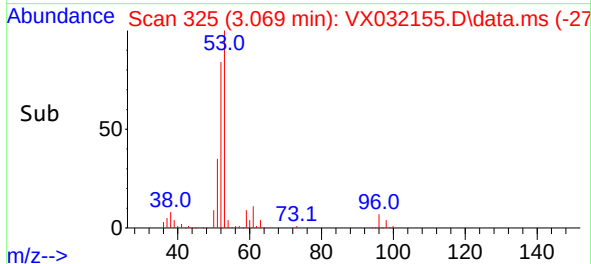
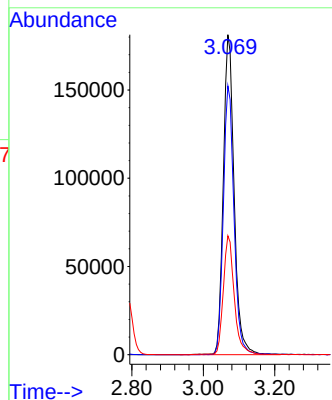
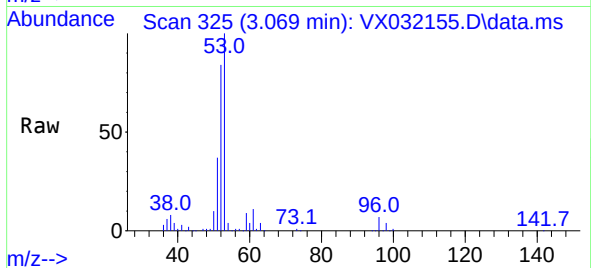




#15  
Acrylonitrile  
Concen: 507.002 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

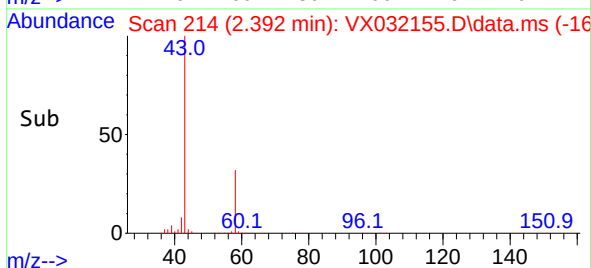
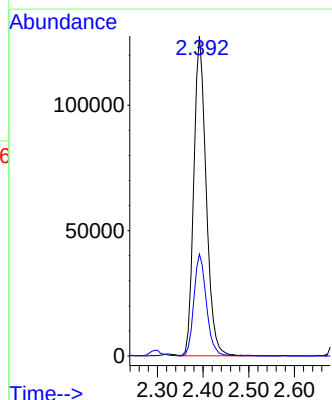
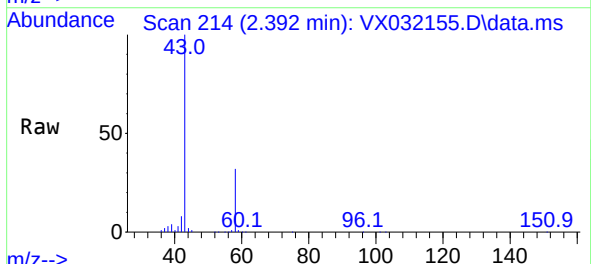
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

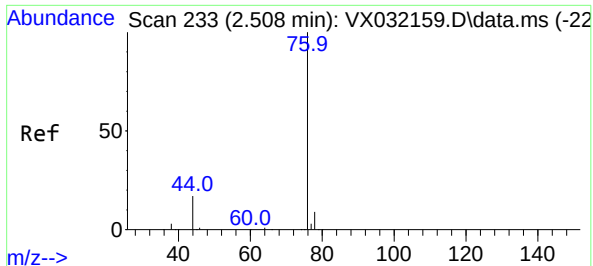
Tgt Ion: 53 Resp: 379920  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.9 100.3  
51 38.0 30.0 45.0



#16  
Acetone  
Concen: 439.104 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 43 Resp: 239622  
Ion Ratio Lower Upper  
43 100  
58 31.9 23.8 35.8

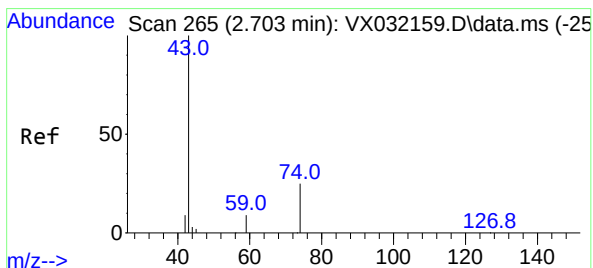
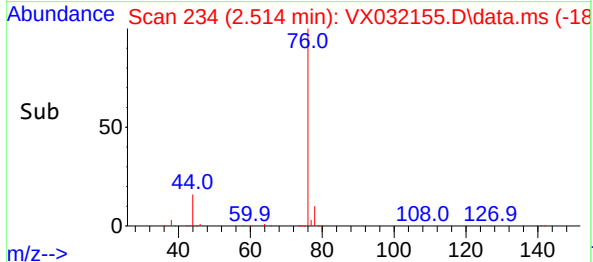
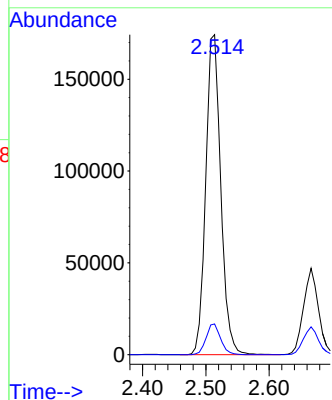
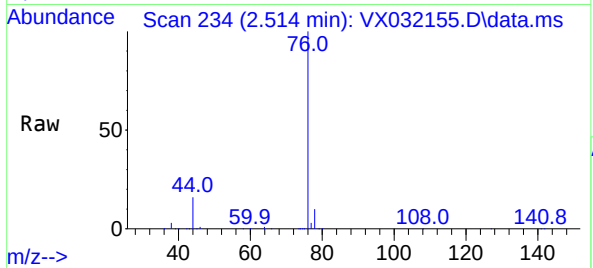




#17  
Carbon Disulfide  
Concen: 98.815 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

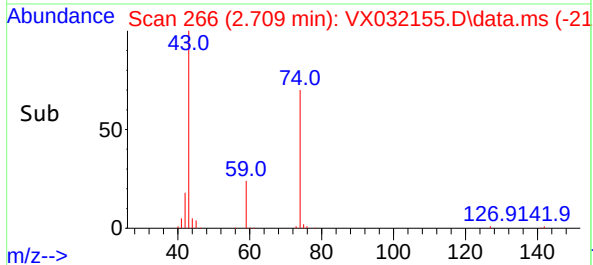
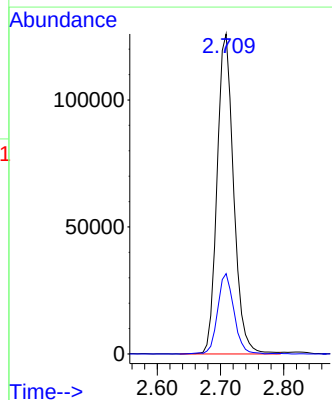
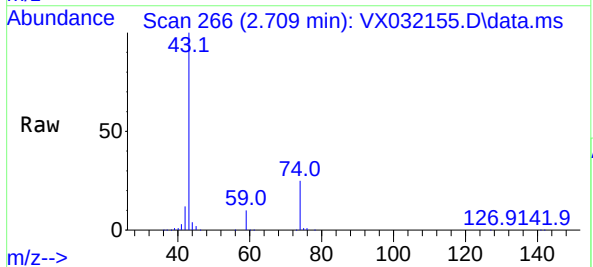
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

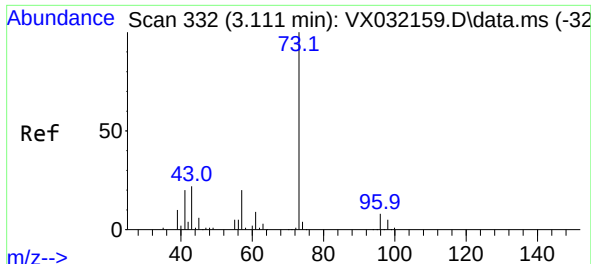
Tgt Ion: 76 Resp: 288380  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.2 10.8



#18  
Methyl Acetate  
Concen: 102.782 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 43 Resp: 228425  
Ion Ratio Lower Upper  
43 100  
74 24.8 18.6 27.8

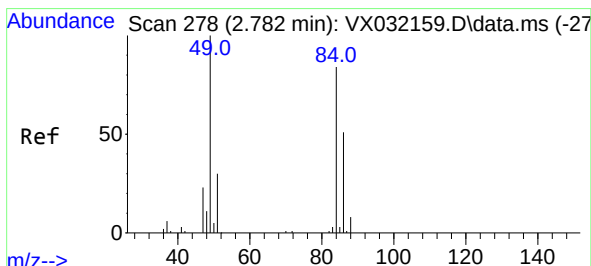
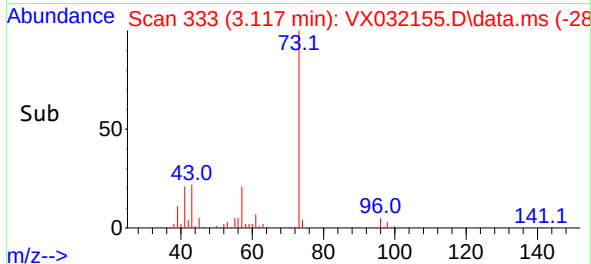
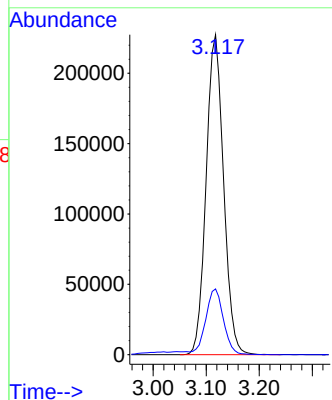
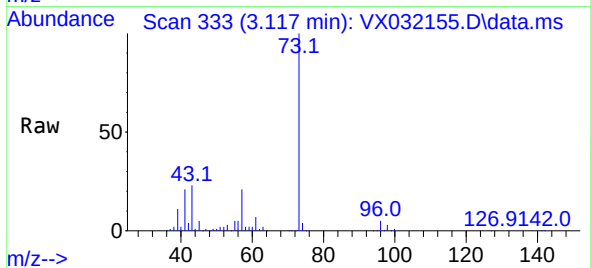




#19  
Methyl tert-butyl Ether  
Concen: 107.505 ug/l  
RT: 3.117 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

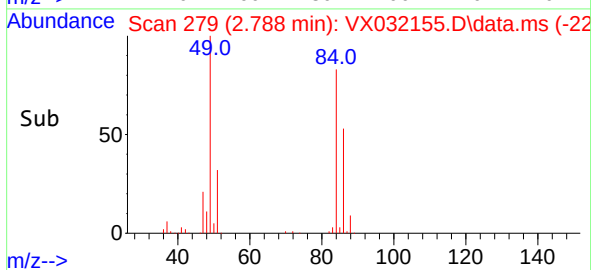
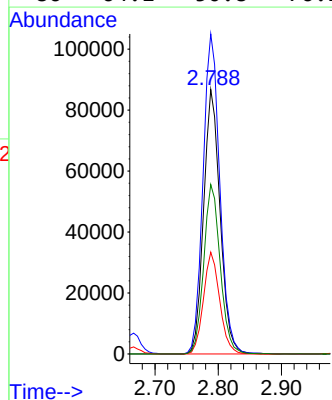
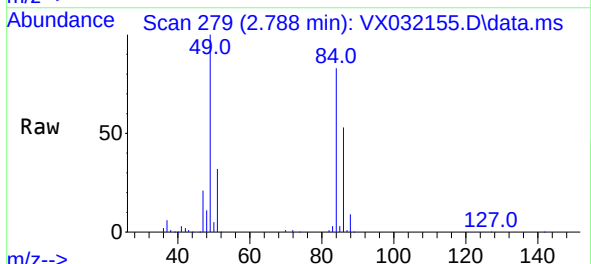
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

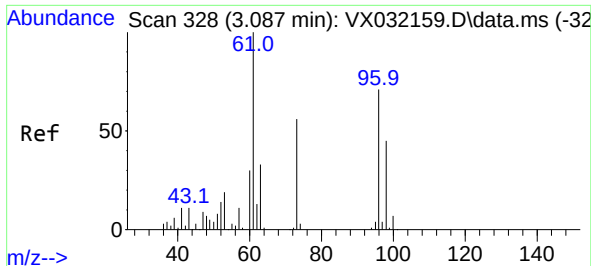
Tgt Ion: 73 Resp: 518995  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.2 25.8



#20  
Methylene Chloride  
Concen: 93.647 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 84 Resp: 157122  
Ion Ratio Lower Upper  
84 100  
49 121.0 105.9 158.9  
51 38.5 32.2 48.2  
86 64.1 50.8 76.2

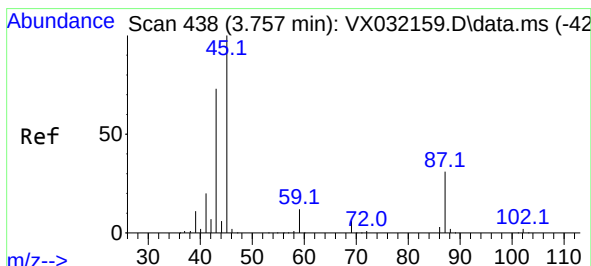
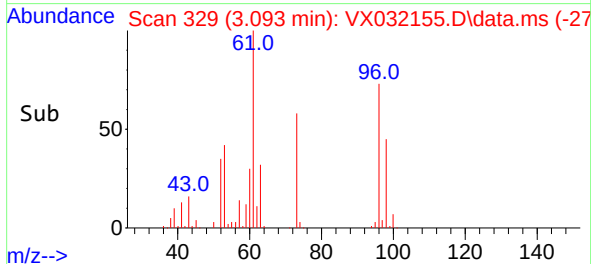
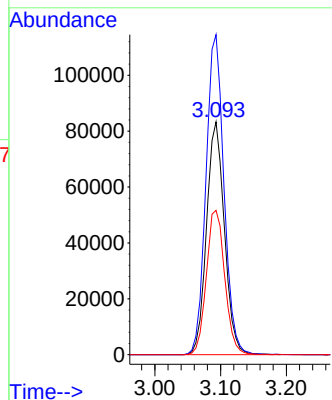
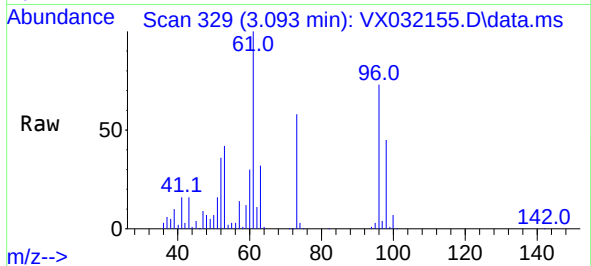




#21  
trans-1,2-Dichloroethene  
Concen: 99.966 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

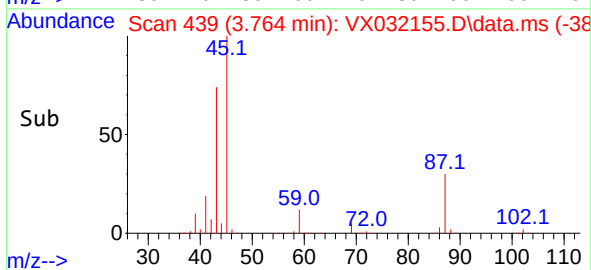
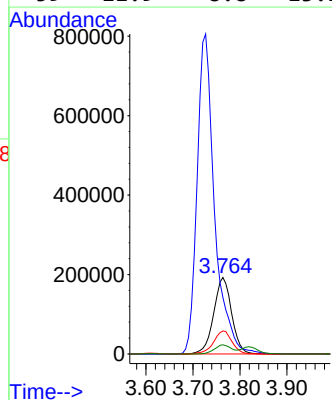
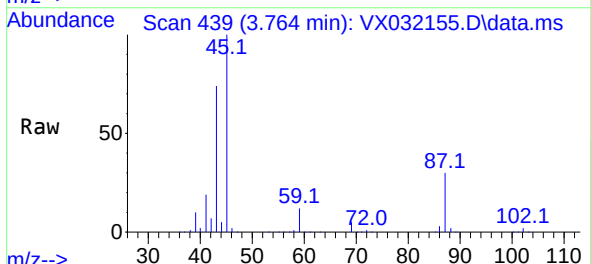
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

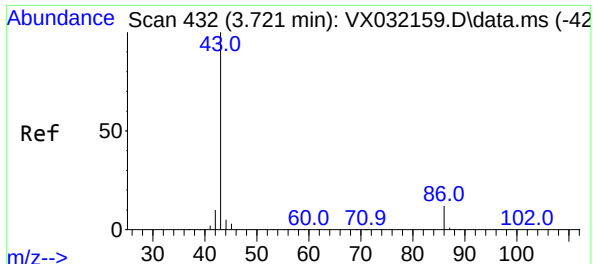
Tgt Ion: 96 Resp: 157531  
Ion Ratio Lower Upper  
96 100  
61 137.5 106.7 160.1  
98 62.0 48.7 73.1



#22  
Diisopropyl ether  
Concen: 100.047 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 45 Resp: 510867  
Ion Ratio Lower Upper  
45 100  
43 73.7 59.0 88.6  
87 30.1 22.6 33.8  
59 11.9 8.8 13.2

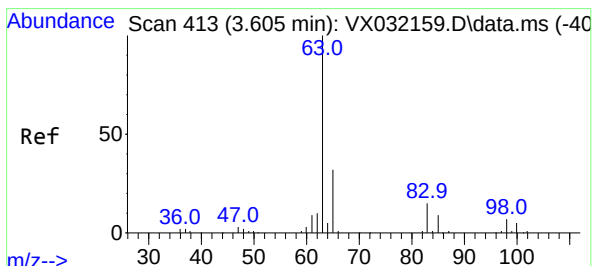
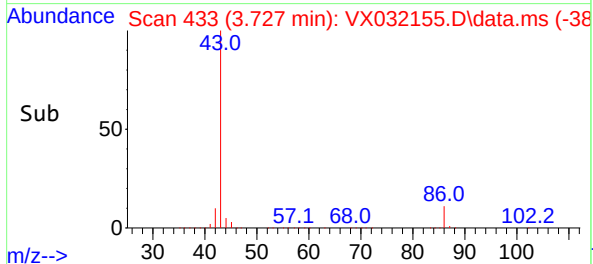
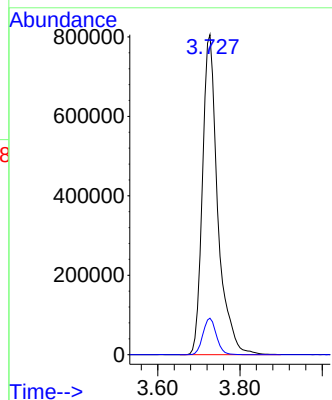
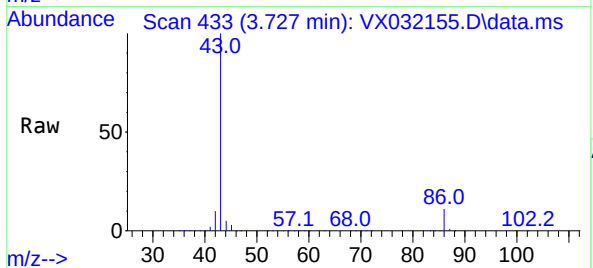




#23  
 Vinyl Acetate  
 Concen: 522.046 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX032155.D  
 Acq: 17 Oct 2022 13:37

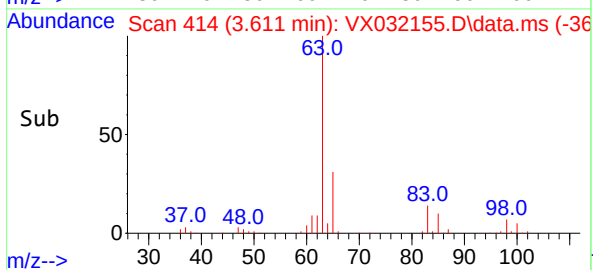
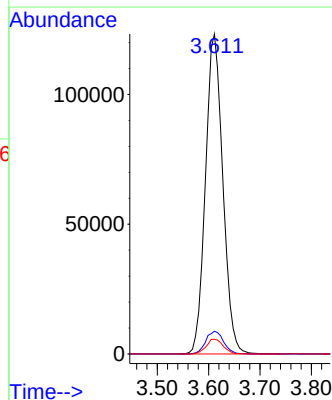
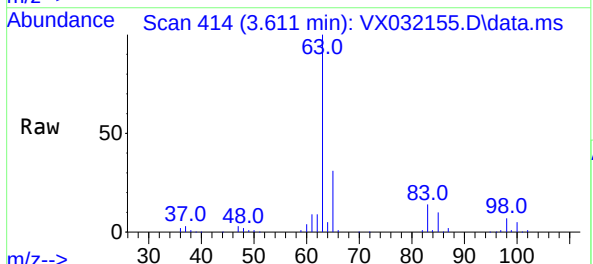
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 2082384  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 8.7 13.1

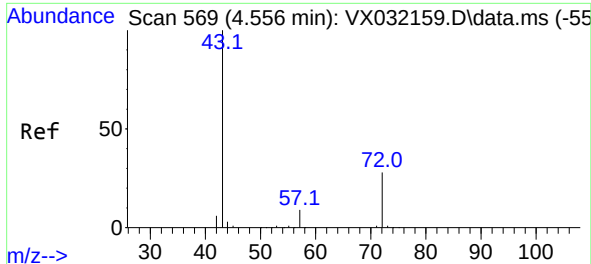


#24  
 1,1-Dichloroethane  
 Concen: 97.131 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX032155.D  
 Acq: 17 Oct 2022 13:37

Tgt Ion: 63 Resp: 289069  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.4  
 100 4.6 2.4 7.2



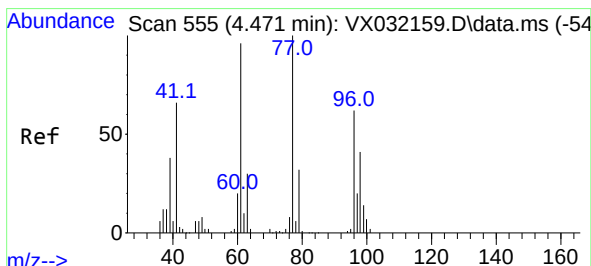
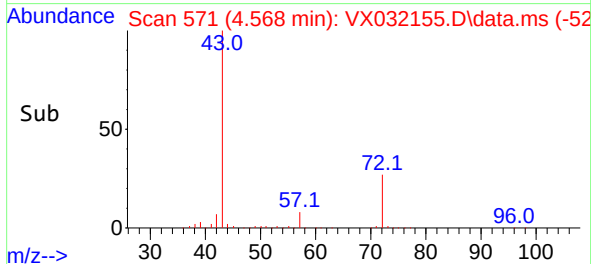
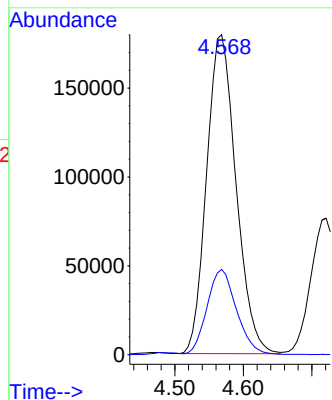
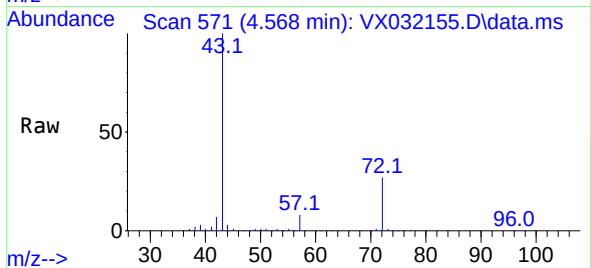




#25  
2-Butanone  
Concen: 458.742 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

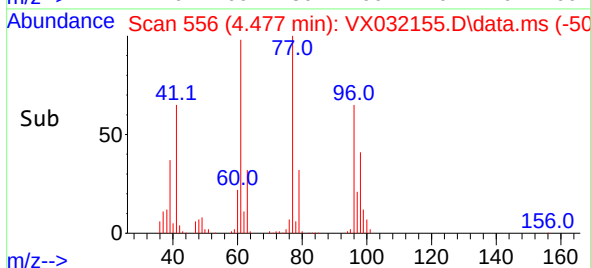
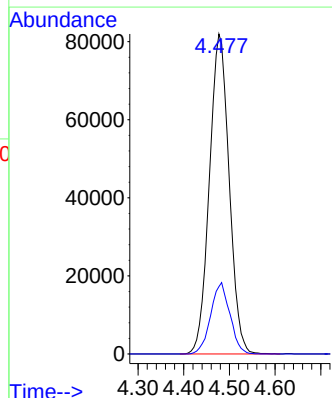
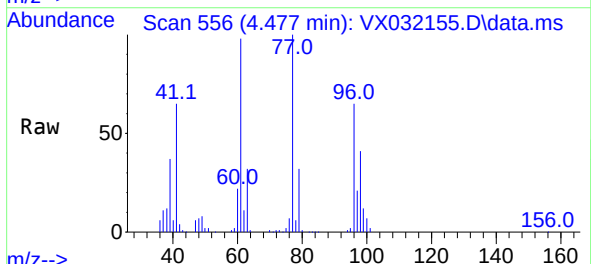
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

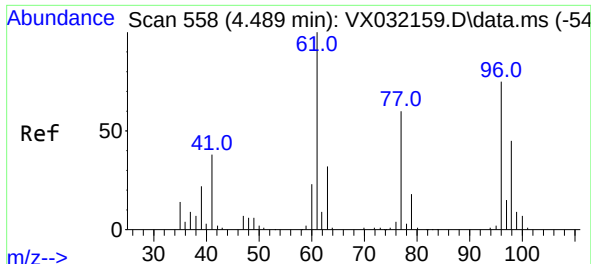
Tgt Ion: 43 Resp: 534887  
Ion Ratio Lower Upper  
43 100  
72 26.6 21.1 31.7



#26  
2,2-Dichloropropane  
Concen: 104.955 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 77 Resp: 245840  
Ion Ratio Lower Upper  
77 100  
97 21.7 10.9 32.6



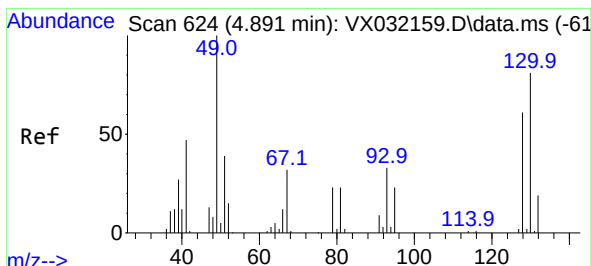
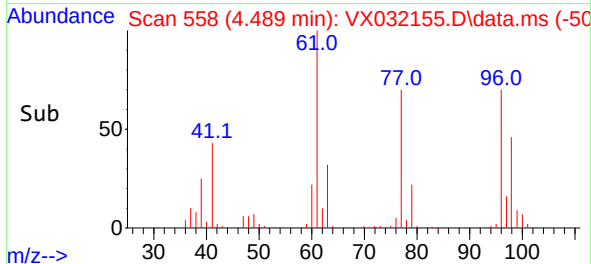
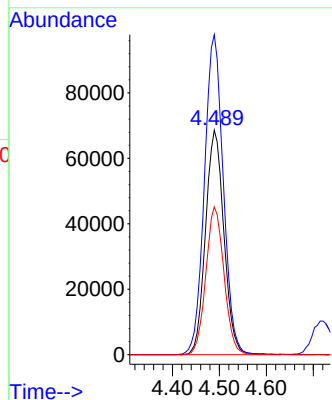
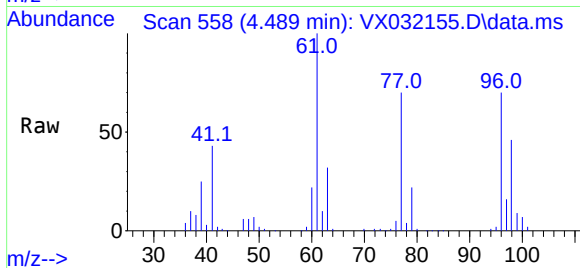


#27  
 cis-1,2-Dichloroethene  
 Concen: 98.332 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX032155.D  
 Acq: 17 Oct 2022 13:37

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 96 Resp: 186377  

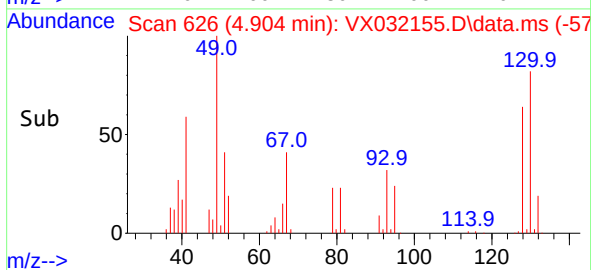
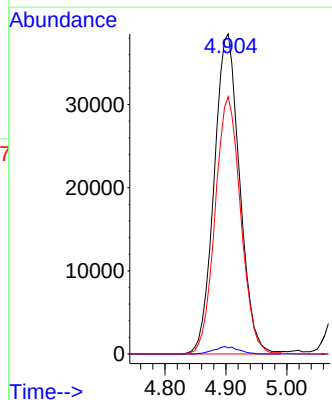
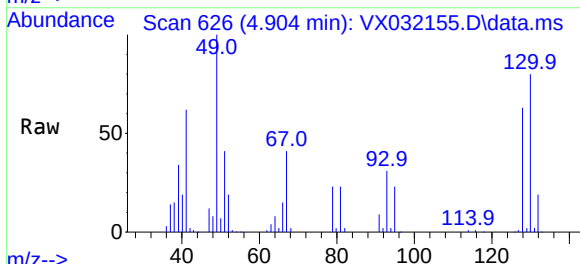
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 146.2 | 0.0   | 305.2 |
| 98  | 65.1  | 0.0   | 128.4 |

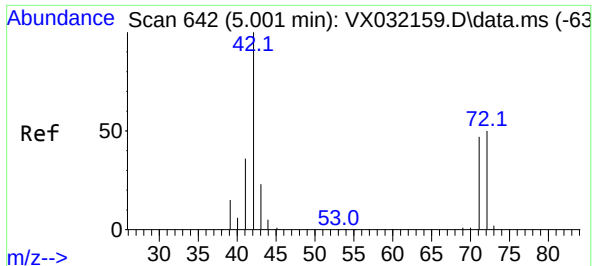


#28  
 Bromochloromethane  
 Concen: 92.345 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. 0.012 min  
 Lab File: VX032155.D  
 Acq: 17 Oct 2022 13:37

Tgt Ion: 49 Resp: 112291  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 3.6   |
| 130 | 80.4  | 59.0  | 88.4  |





#29

Tetrahydrofuran

Concen: 496.887 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC100

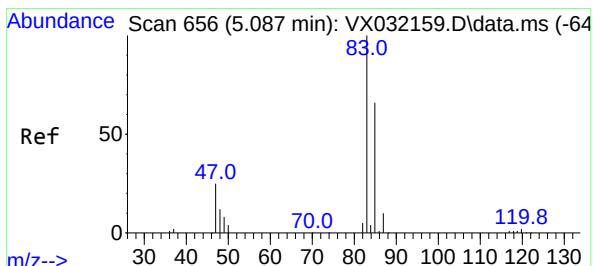
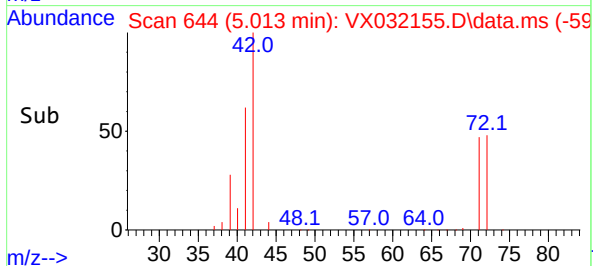
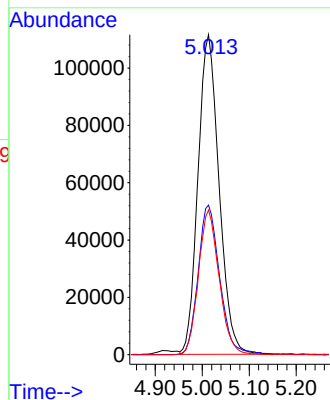
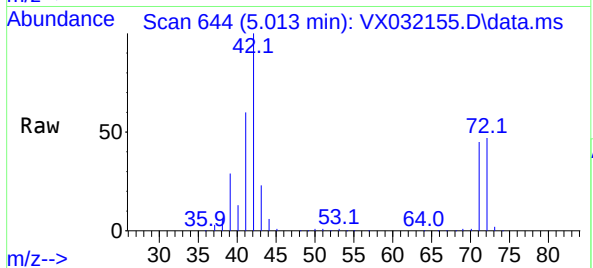
Tgt Ion: 42 Resp: 347480

Ion Ratio Lower Upper

42 100

72 48.0 36.4 54.6

71 44.5 33.5 50.3



#30

Chloroform

Concen: 101.914 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX032155.D

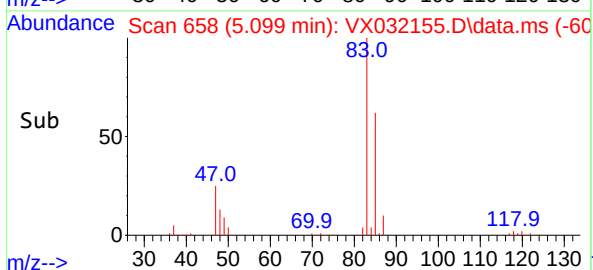
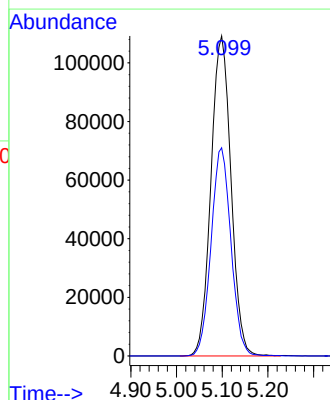
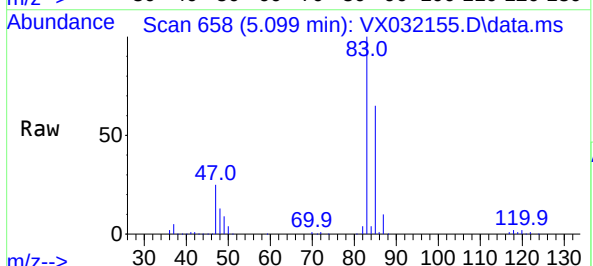
Acq: 17 Oct 2022 13:37

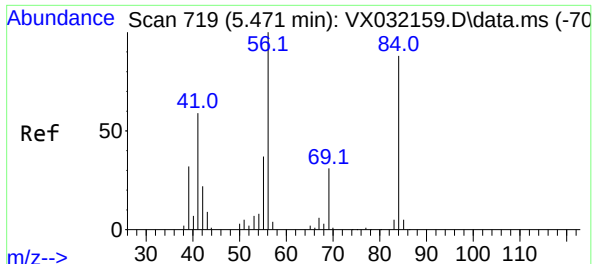
Tgt Ion: 83 Resp: 331946

Ion Ratio Lower Upper

83 100

85 65.1 52.8 79.2

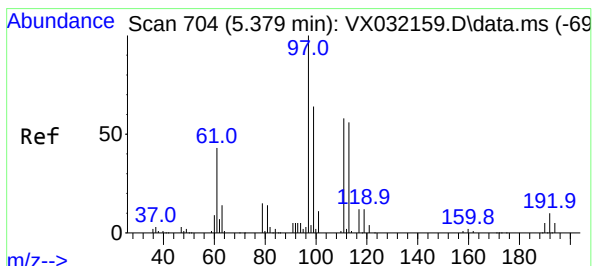
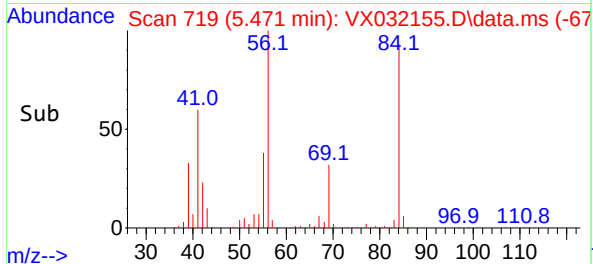
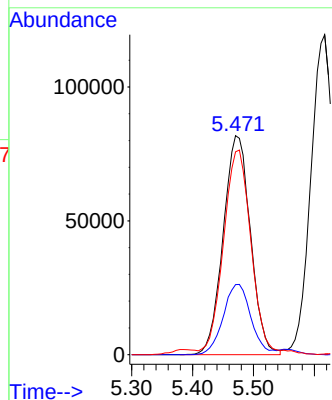
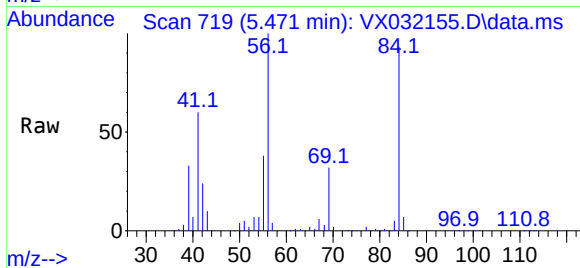




#31  
Cyclohexane  
Concen: 100.699 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

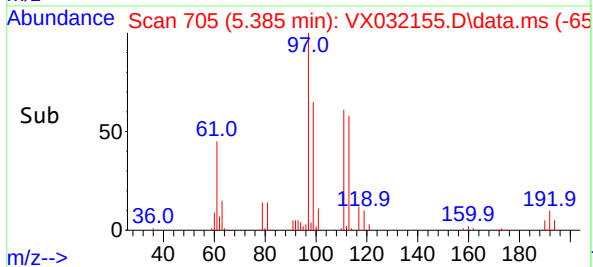
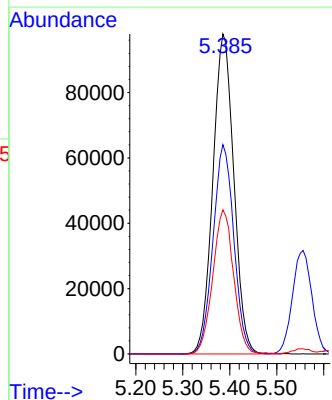
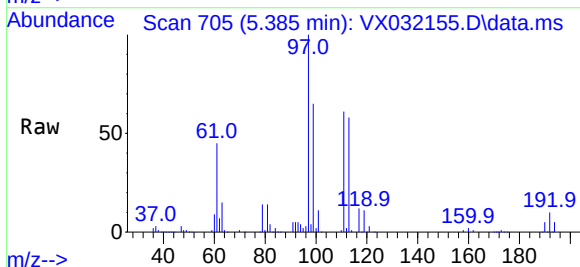
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

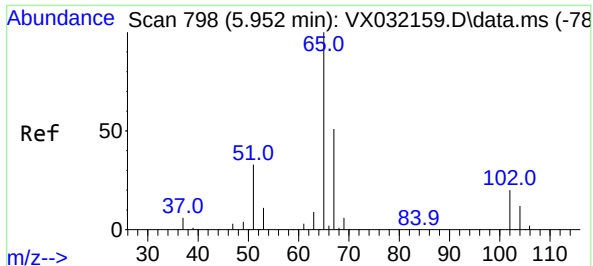
Tgt Ion: 56 Resp: 254704  
Ion Ratio Lower Upper  
56 100  
69 32.0 25.1 37.7  
84 90.7 70.2 105.4



#32  
1,1,1-Trichloroethane  
Concen: 116.147 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 97 Resp: 303292  
Ion Ratio Lower Upper  
97 100  
99 65.0 51.3 76.9  
61 44.7 35.9 53.9

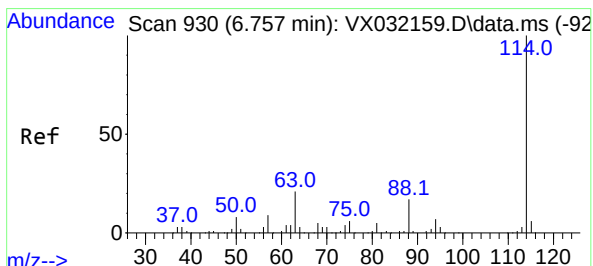
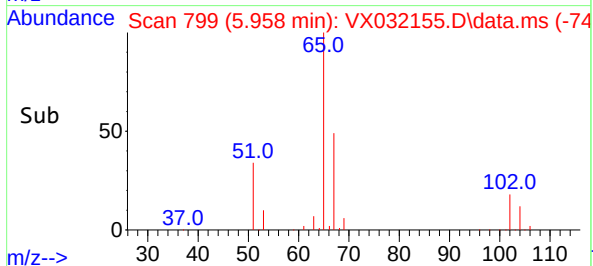
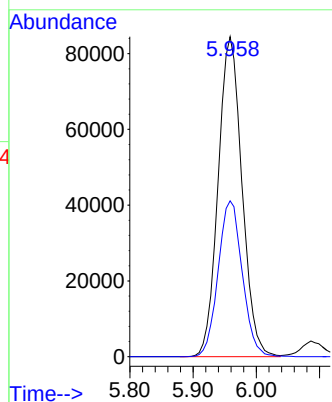
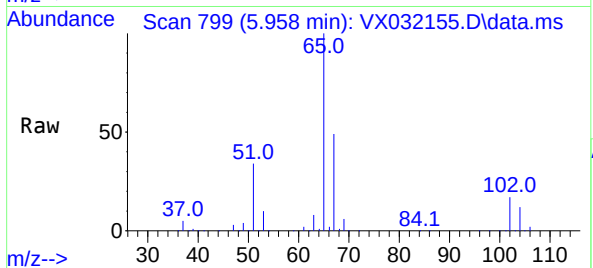




#33  
 1,2-Dichloroethane-d4  
 Concen: 97.243 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX032155.D  
 Acq: 17 Oct 2022 13:37

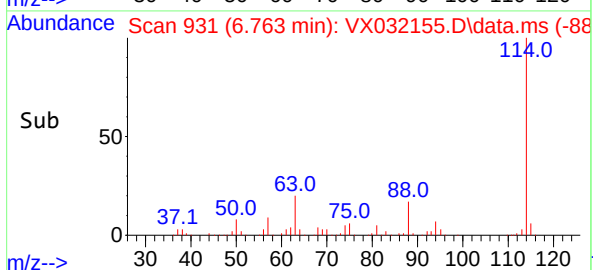
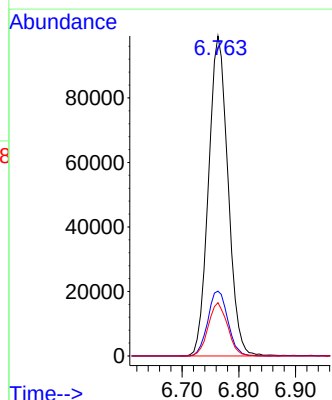
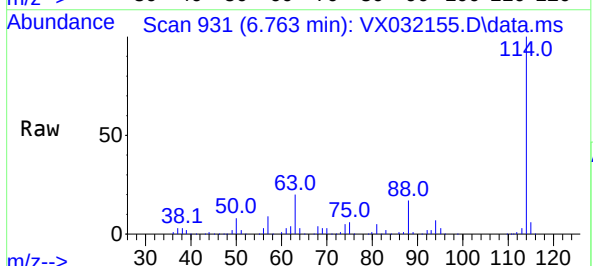
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC100

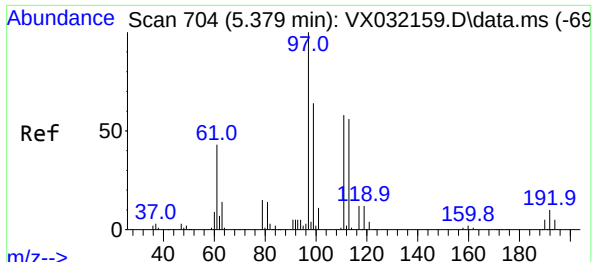
Tgt Ion: 65 Resp: 220701  
 Ion Ratio Lower Upper  
 65 100  
 67 49.3 0.0 102.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.006 min  
 Lab File: VX032155.D  
 Acq: 17 Oct 2022 13:37

Tgt Ion: 114 Resp: 236347  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 42.6  
 88 16.7 0.0 33.0

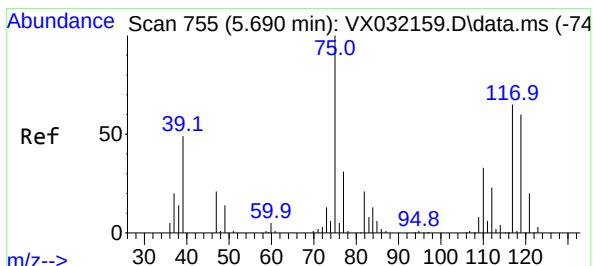
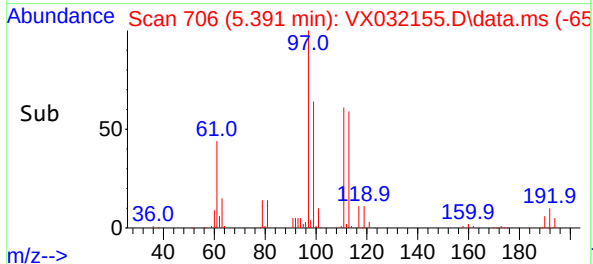
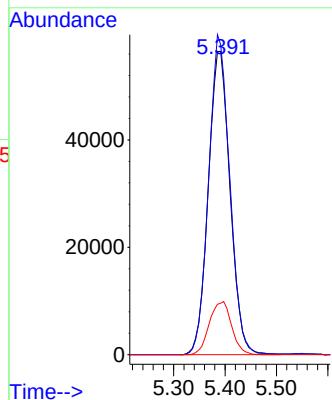
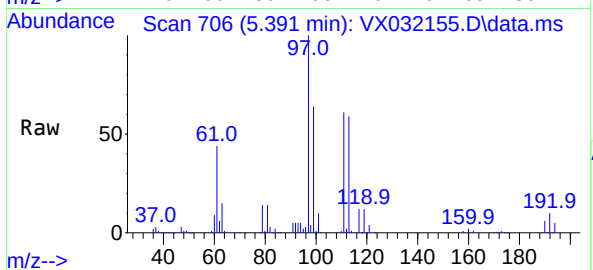




#35  
Dibromofluoromethane  
Concen: 102.882 ug/l  
RT: 5.391 min Scan# 704  
Delta R.T. 0.012 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

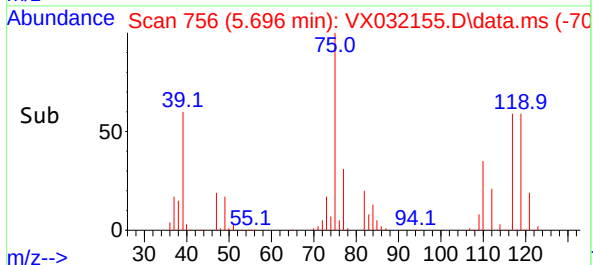
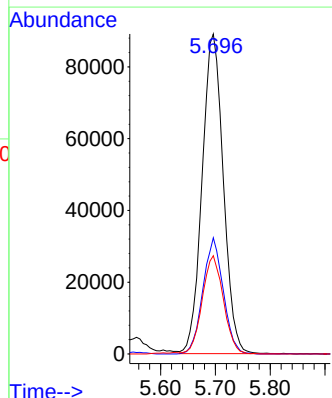
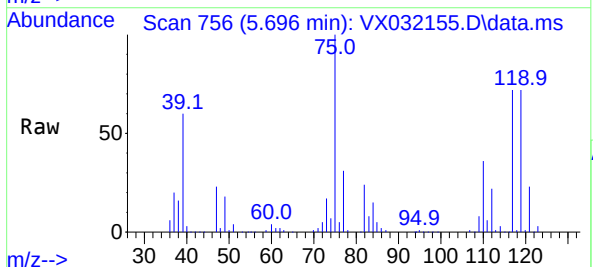
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

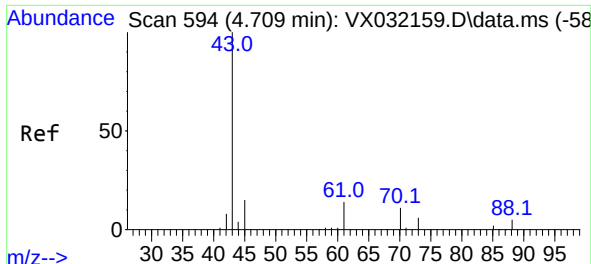
Tgt Ion:113 Resp: 165912  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.4 123.6  
192 17.9 14.1 21.1



#36  
1,1-Dichloropropene  
Concen: 102.485 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 75 Resp: 239109  
Ion Ratio Lower Upper  
75 100  
110 34.9 17.5 52.5  
77 30.6 24.9 37.3

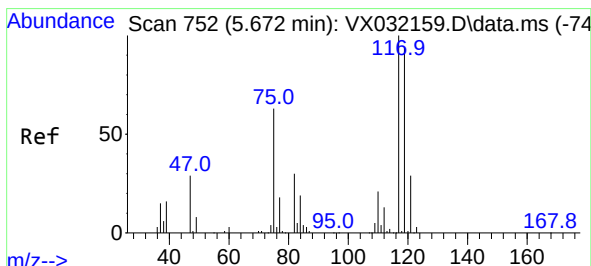
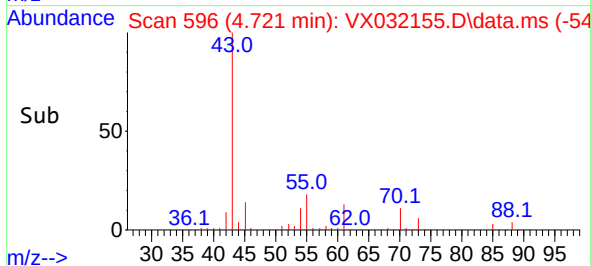
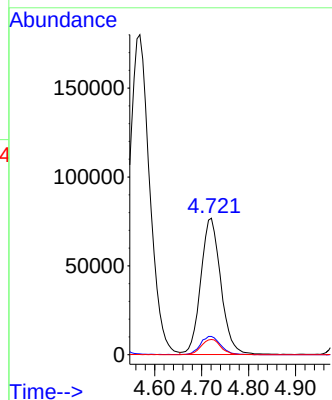
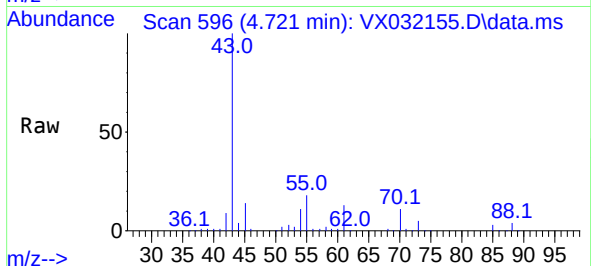




#37  
Ethyl Acetate  
Concen: 97.167 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.012 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

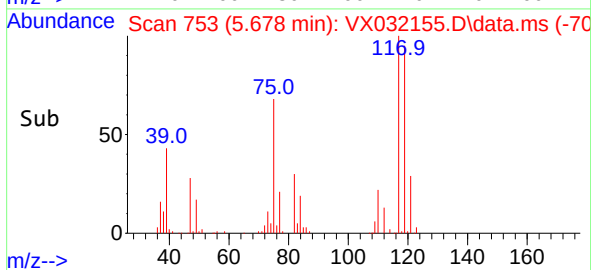
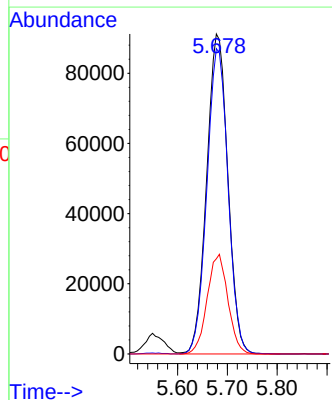
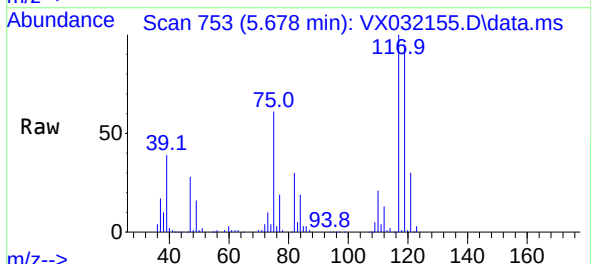
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

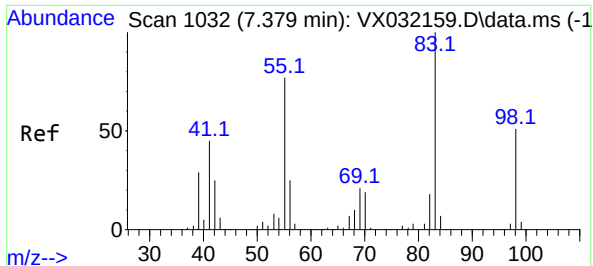
Tgt Ion: 43 Resp: 227497  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.1 16.7  
70 10.9 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 108.992 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 117 Resp: 269298  
Ion Ratio Lower Upper  
117 100  
119 95.4 74.6 112.0  
121 29.8 25.3 37.9

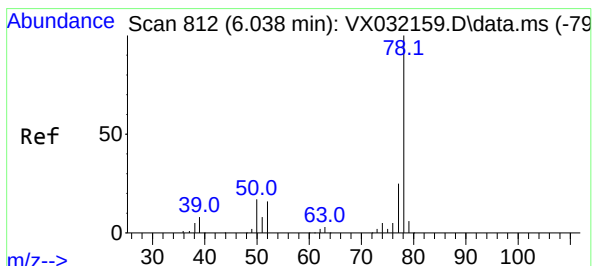
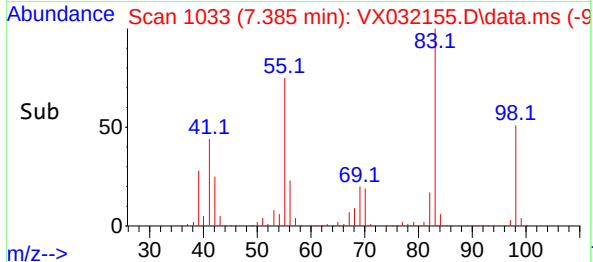
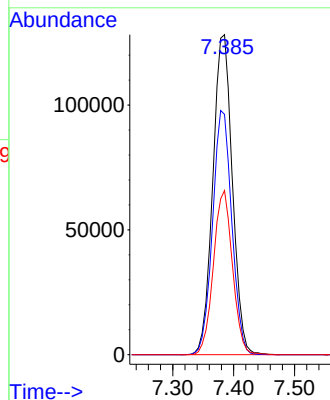
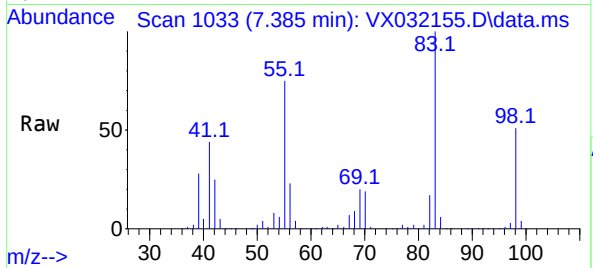




#39  
Methylcyclohexane  
Concen: 101.898 ug/l  
RT: 7.385 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

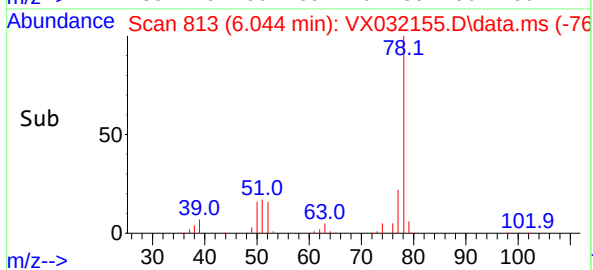
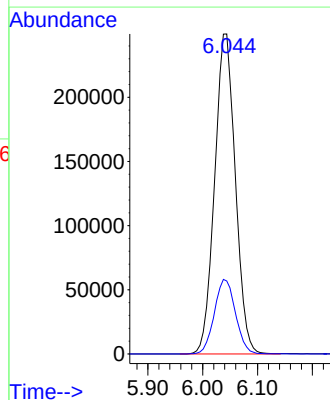
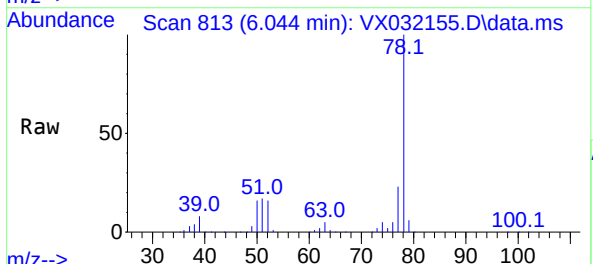
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 83 Resp: 285319  
Ion Ratio Lower Upper  
83 100  
55 75.1 61.0 91.4  
98 51.3 37.7 56.5

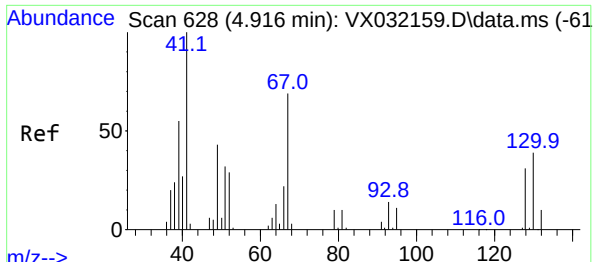


#40  
Benzene  
Concen: 100.398 ug/l  
RT: 6.044 min Scan# 813  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 78 Resp: 655194  
Ion Ratio Lower Upper  
78 100  
77 22.8 18.7 28.1





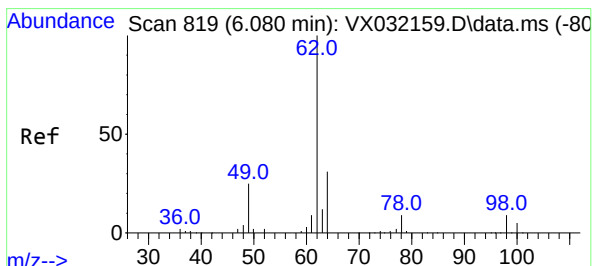
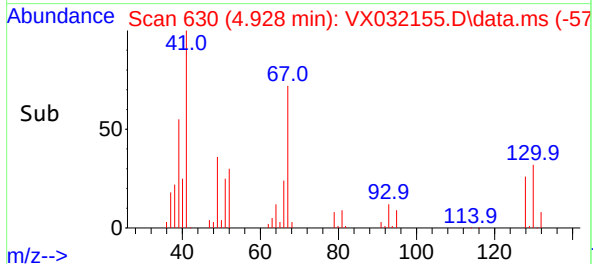
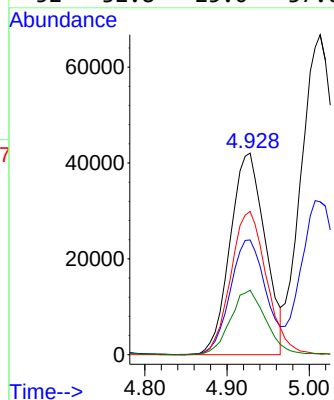
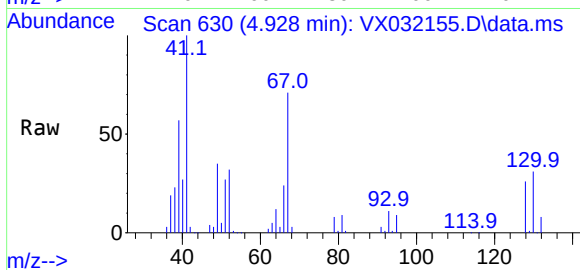


#41  
Methacrylonitrile  
Concen: 103.386 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

Tgt Ion: 41 Resp: 124812

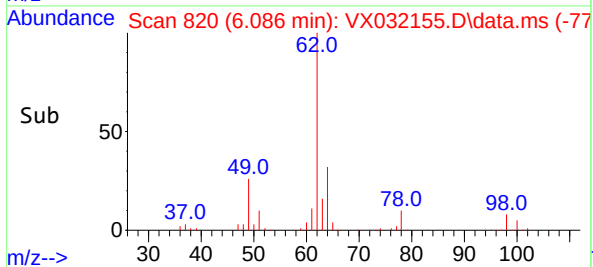
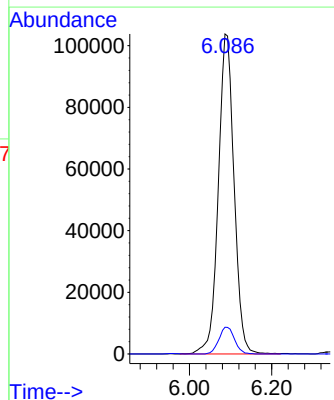
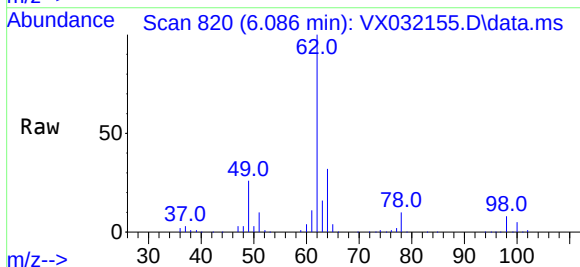
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 57.8  | 45.0  | 67.6  |
| 67  | 73.2  | 58.2  | 87.4  |
| 52  | 32.8  | 25.0  | 37.6  |

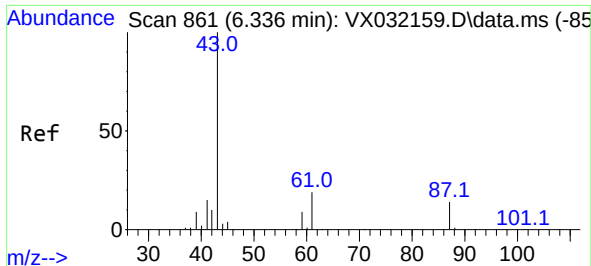


#42  
1,2-Dichloroethane  
Concen: 100.882 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 62 Resp: 275749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.3   | 0.0   | 17.8  |

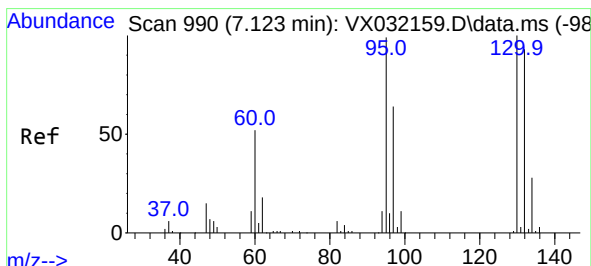
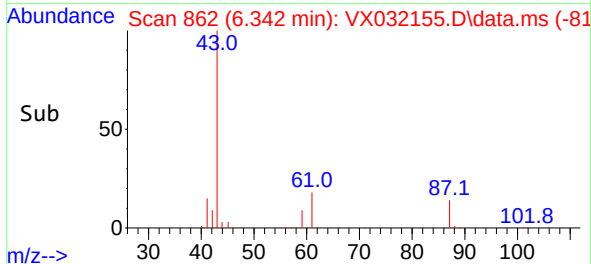
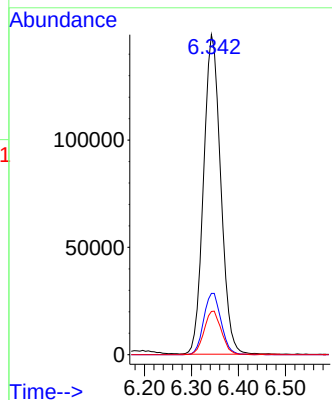
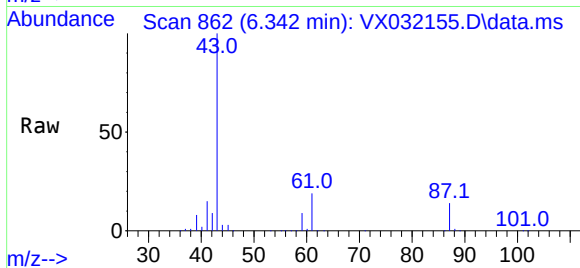




#43  
Isopropyl Acetate  
Concen: 106.788 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

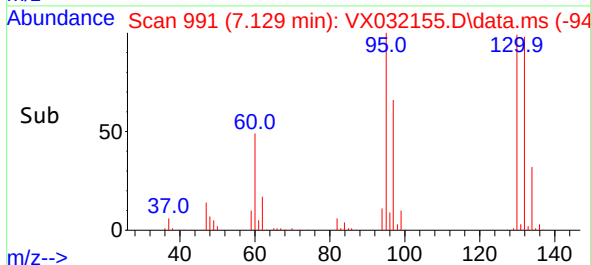
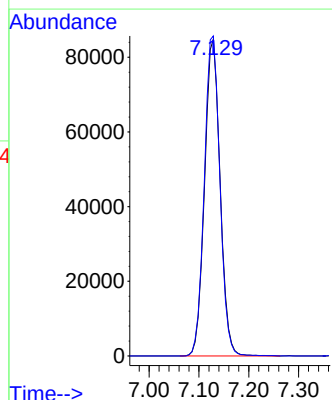
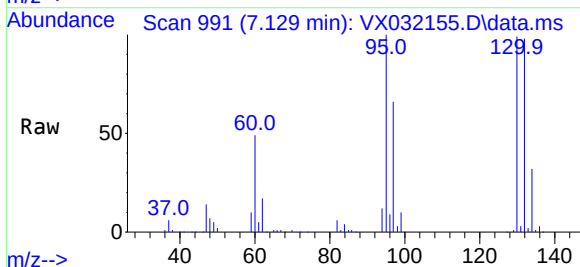
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

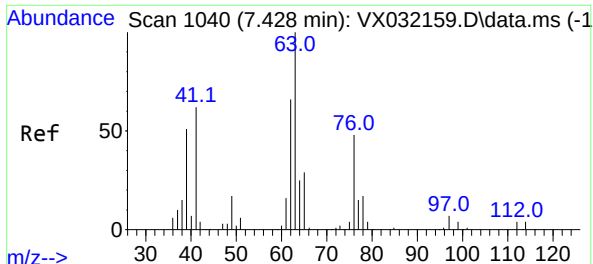
Tgt Ion: 43 Resp: 376765  
Ion Ratio Lower Upper  
43 100  
61 19.5 15.3 22.9  
87 13.8 10.6 15.8



#44  
Trichloroethene  
Concen: 99.762 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 130 Resp: 183441  
Ion Ratio Lower Upper  
130 100  
95 101.1 0.0 206.8

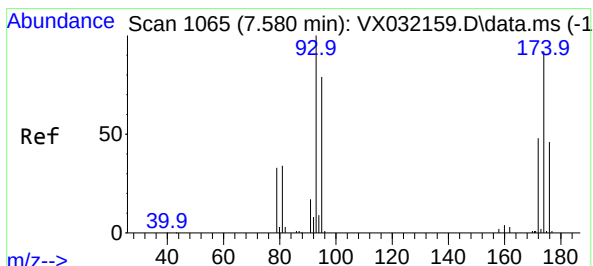
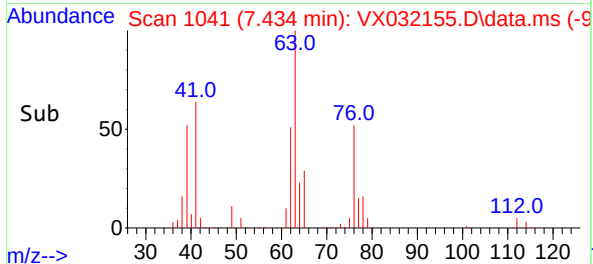
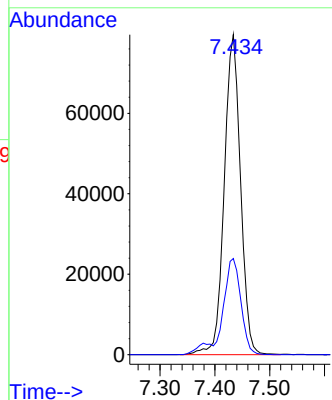
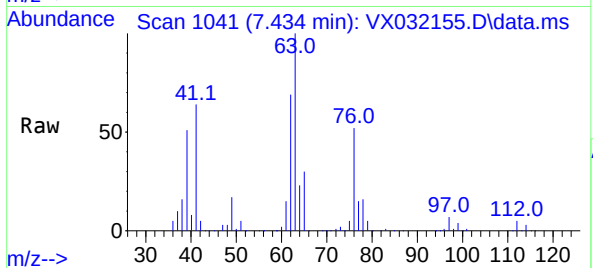




#45  
1,2-Dichloropropane  
Concen: 101.303 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

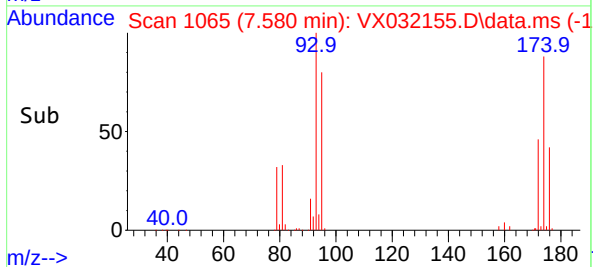
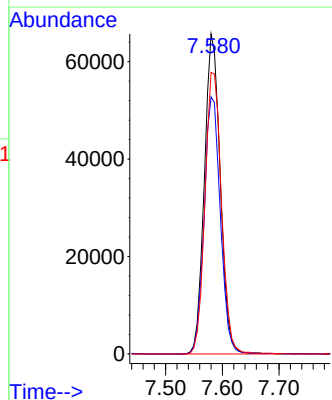
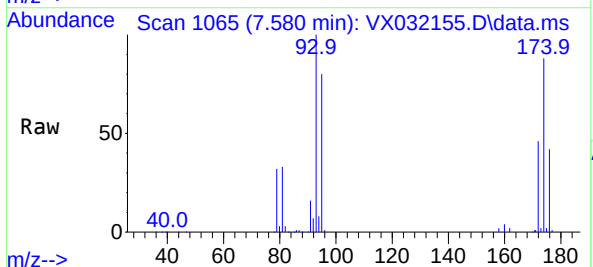
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

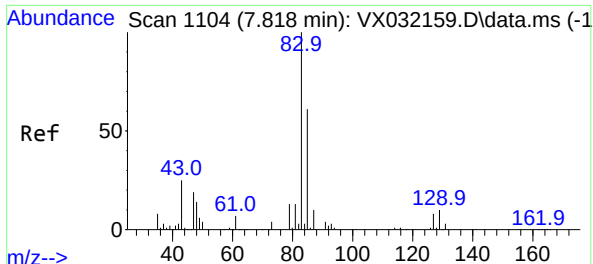
Tgt Ion: 63 Resp: 164702  
Ion Ratio Lower Upper  
63 100  
65 30.1 26.6 39.8



#46  
Dibromomethane  
Concen: 102.464 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 93 Resp: 127974  
Ion Ratio Lower Upper  
93 100  
95 82.0 65.5 98.3  
174 91.5 67.6 101.4

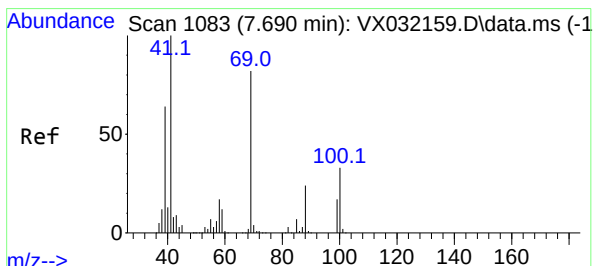
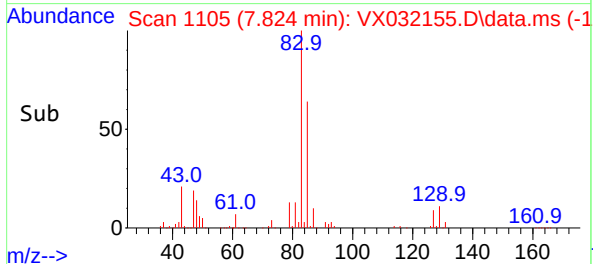
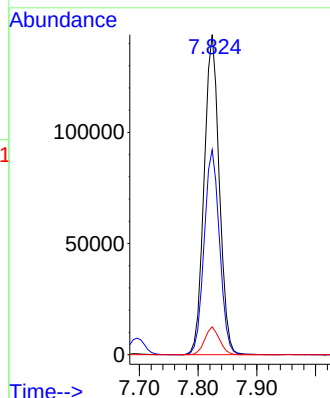
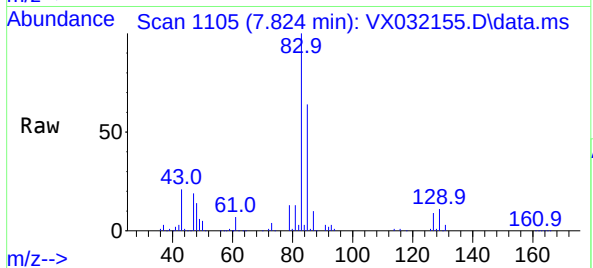




#47  
Bromodichloromethane  
Concen: 110.642 ug/l  
RT: 7.824 min Scan# 1104  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

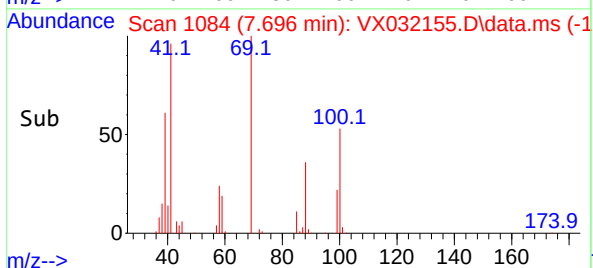
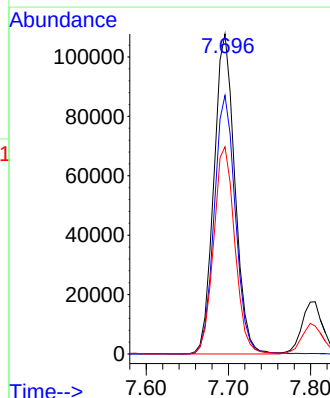
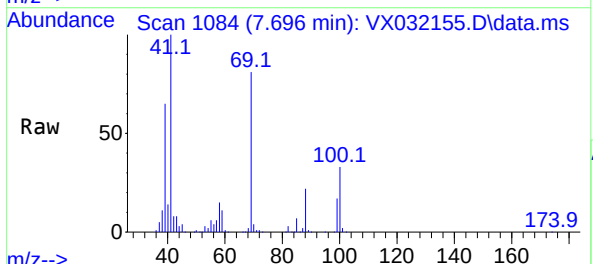
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

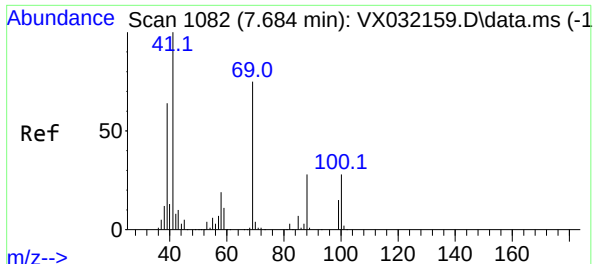
Tgt Ion: 83 Resp: 257427  
Ion Ratio Lower Upper  
83 100  
85 64.0 51.0 76.6  
127 8.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 106.947 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 41 Resp: 191232  
Ion Ratio Lower Upper  
41 100  
69 81.6 64.6 96.8  
39 65.3 51.4 77.0

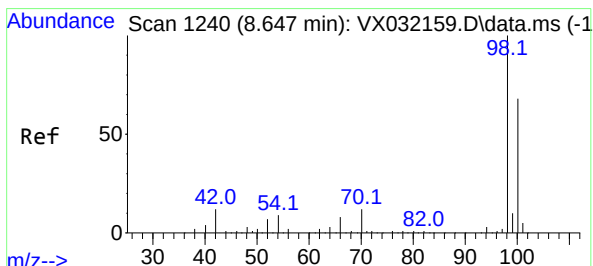
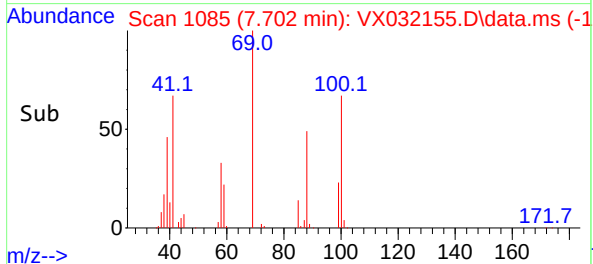
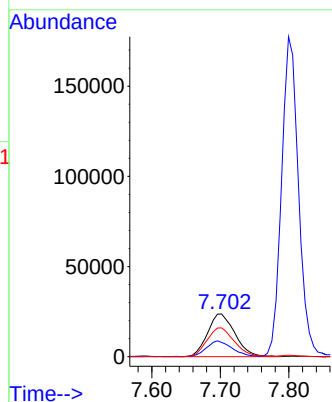
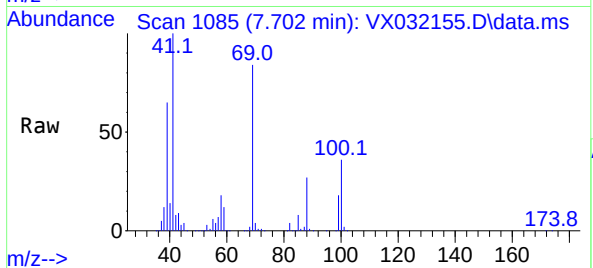




#49  
1,4-Dioxane  
Concen: 1792.051 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.018 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

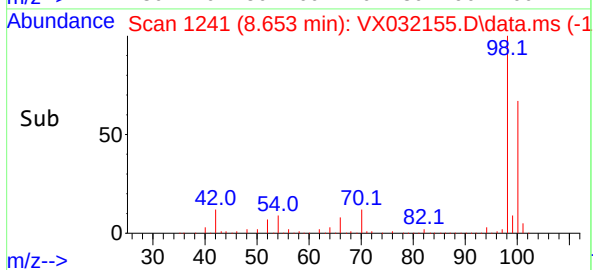
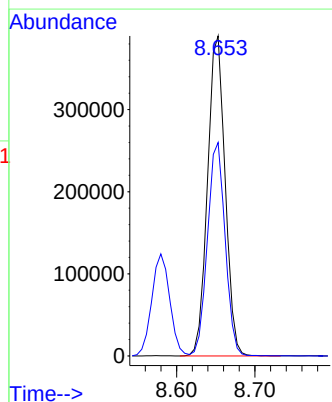
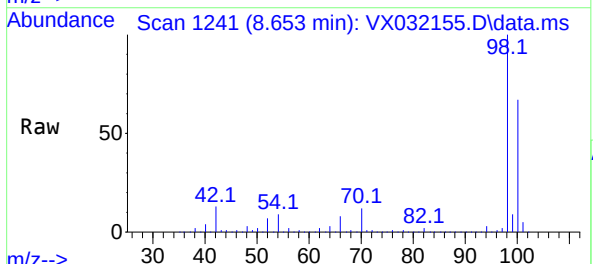
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

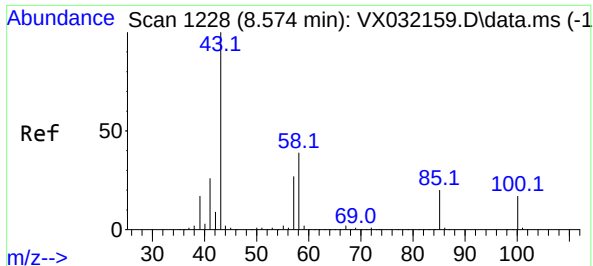
Tgt Ion: 88 Resp: 65701  
Ion Ratio Lower Upper  
88 100  
43 33.8 27.1 40.7  
58 67.4 53.9 80.9



#50  
Toluene-d8  
Concen: 107.165 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 98 Resp: 606167  
Ion Ratio Lower Upper  
98 100  
100 67.1 52.5 78.7

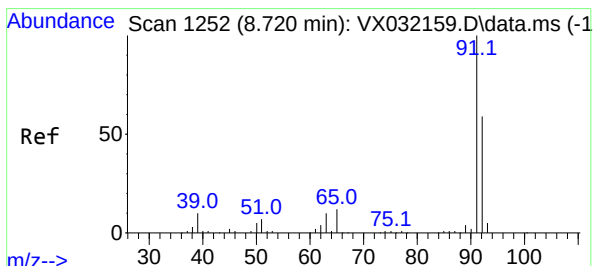
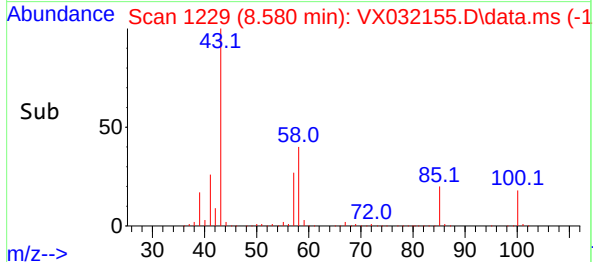
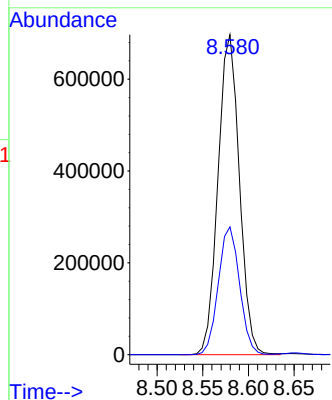
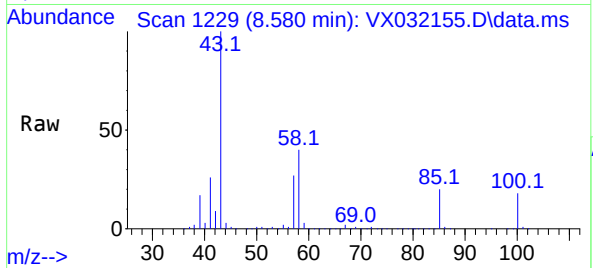




#51  
4-Methyl-2-Pentanone  
Concen: 524.376 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

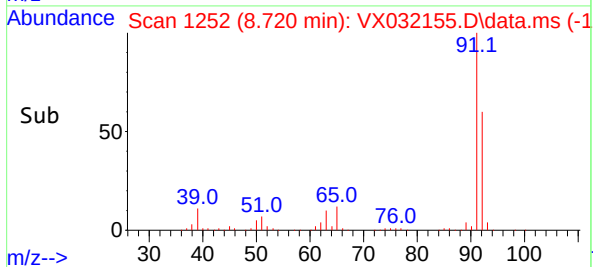
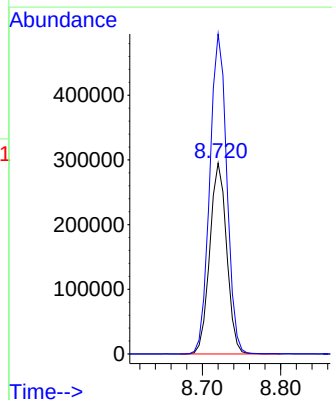
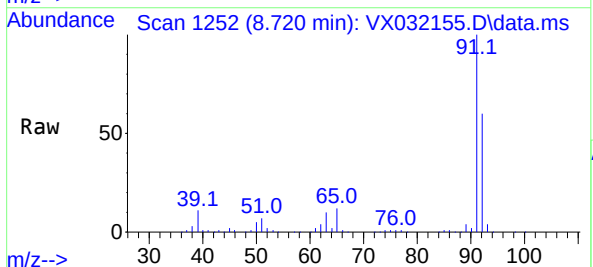
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

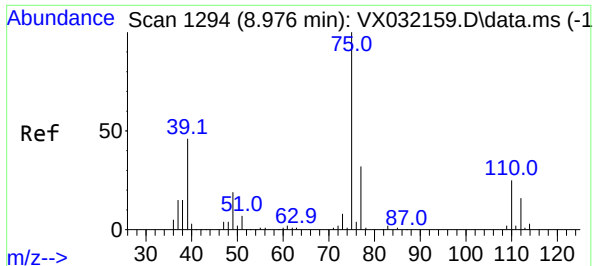
Tgt Ion: 43 Resp: 1134496  
Ion Ratio Lower Upper  
43 100  
58 39.8 30.6 46.0



#52  
Toluene  
Concen: 106.188 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 92 Resp: 441523  
Ion Ratio Lower Upper  
92 100  
91 169.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 133.568 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA\_X

ClientSampleId :

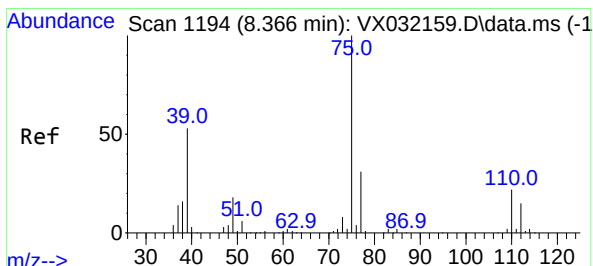
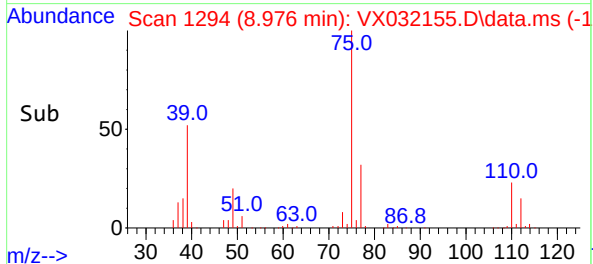
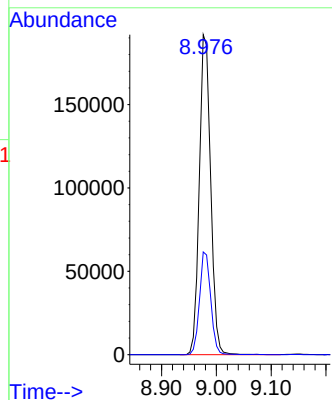
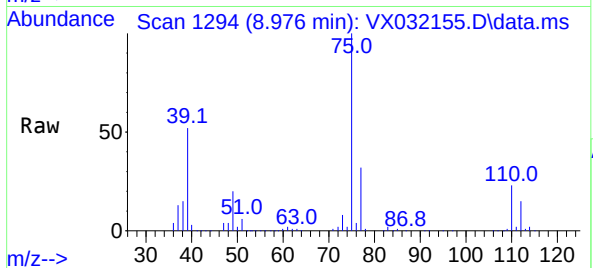
VSTDIC100

Tgt Ion: 75 Resp: 277209

Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 118.782 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

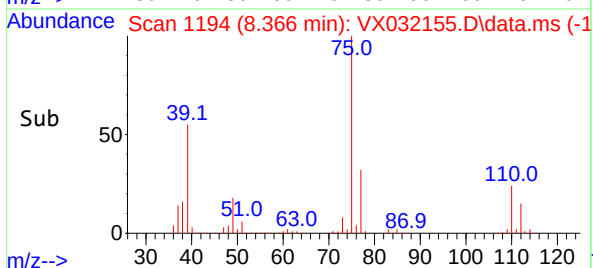
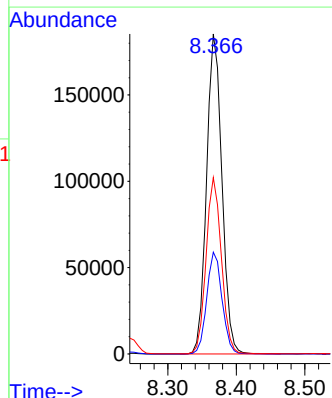
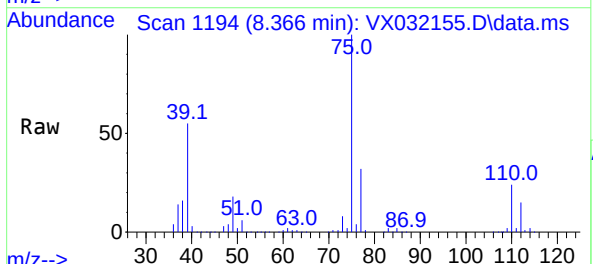
Tgt Ion: 75 Resp: 289484

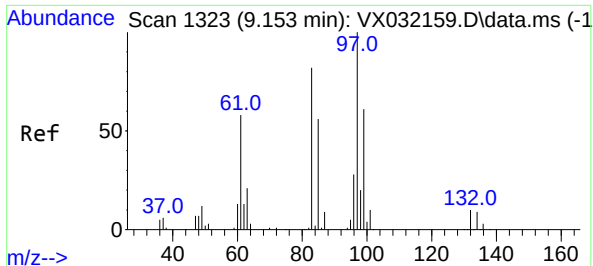
Ion Ratio Lower Upper

75 100

77 31.8 24.4 36.6

39 55.0 43.7 65.5



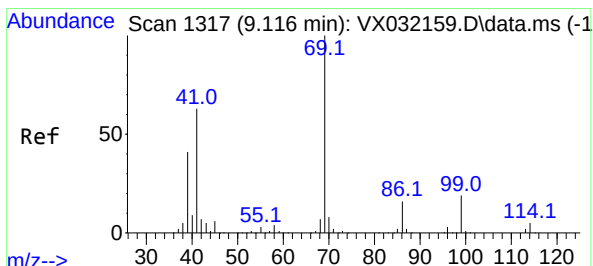
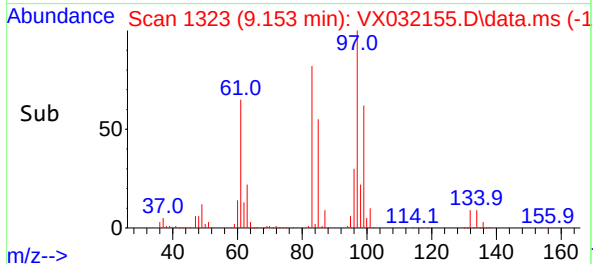
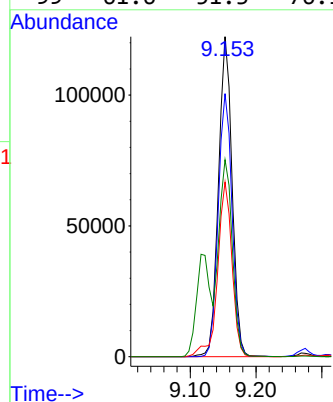
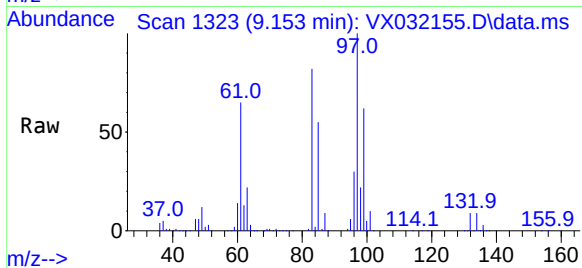


#55  
1,1,2-Trichloroethane  
Concen: 111.599 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion: 97 Resp: 176149

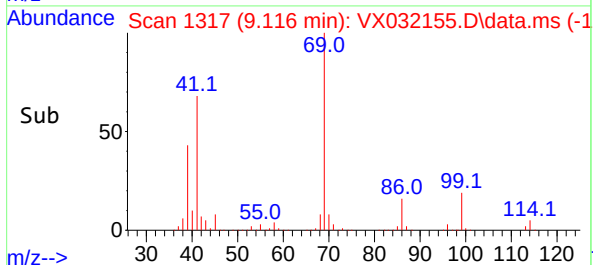
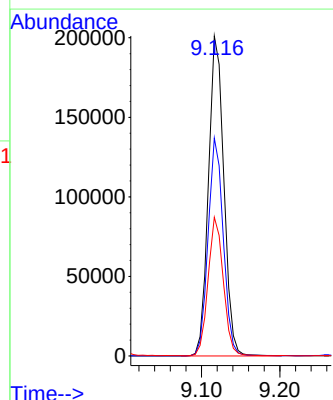
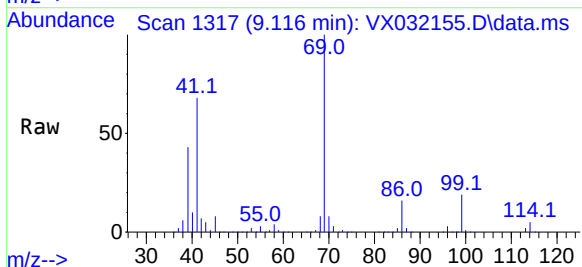
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 82.2  | 69.0  | 103.6 |
| 85  | 54.6  | 44.1  | 66.1  |
| 99  | 61.6  | 51.3  | 76.9  |



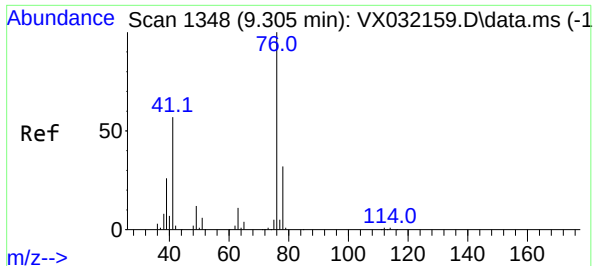
#56  
Ethyl methacrylate  
Concen: 121.775 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 69 Resp: 274510

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.0  | 54.2  | 81.4  |
| 39  | 42.8  | 34.2  | 51.2  |







#57

1,3-Dichloropropane

Concen: 107.753 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA\_X

ClientSampleId :

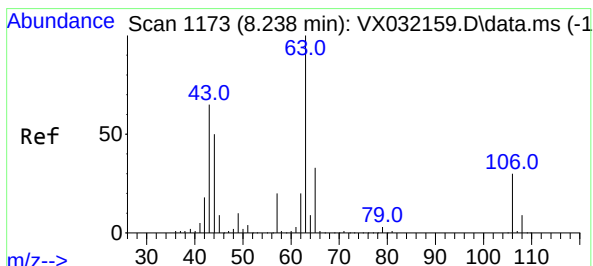
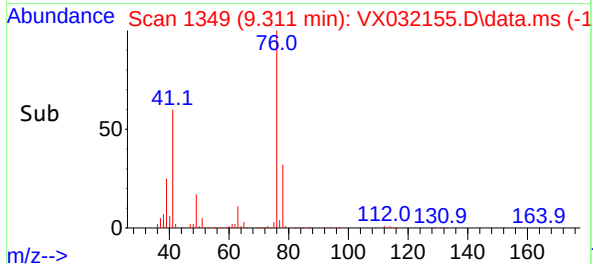
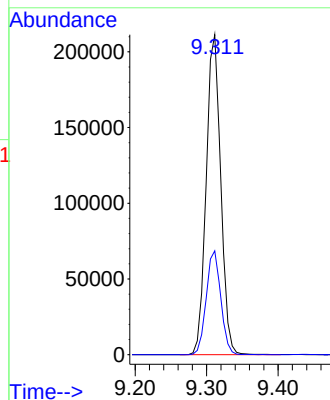
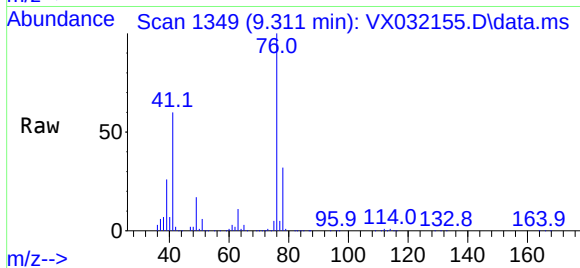
VSTDICC100

Tgt Ion: 76 Resp: 298191

Ion Ratio Lower Upper

76 100

78 32.5 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 530.460 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX032155.D

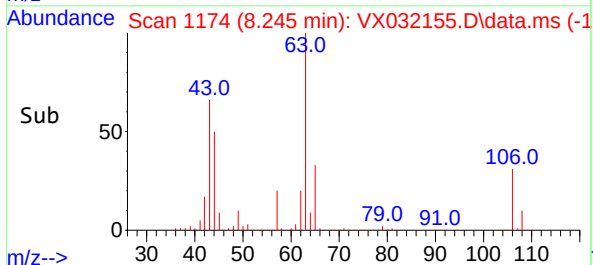
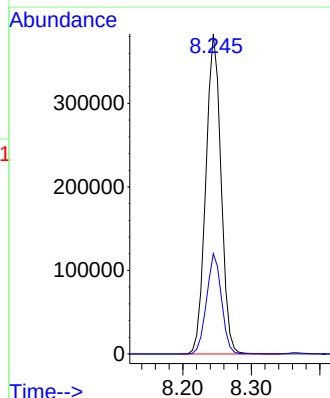
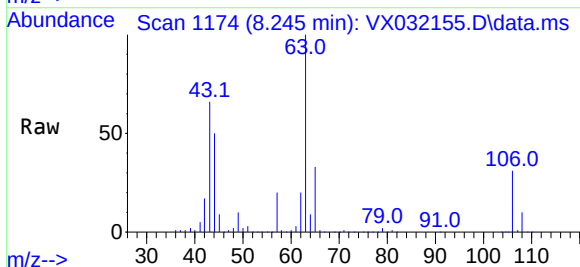
Acq: 17 Oct 2022 13:37

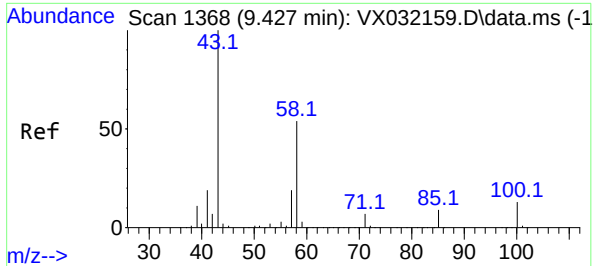
Tgt Ion: 63 Resp: 592416

Ion Ratio Lower Upper

63 100

106 30.7 22.6 34.0

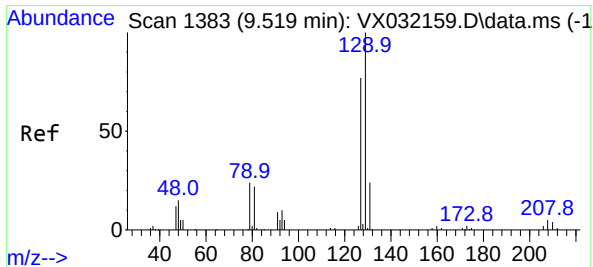
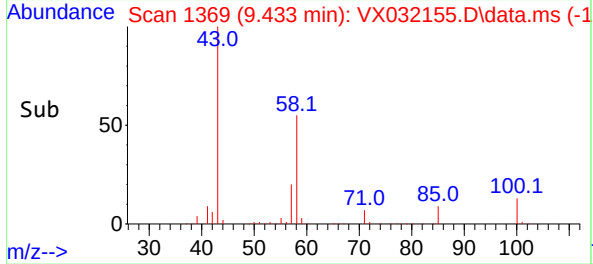
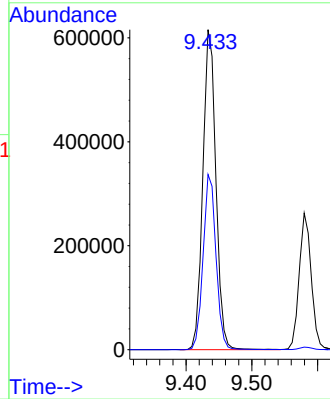
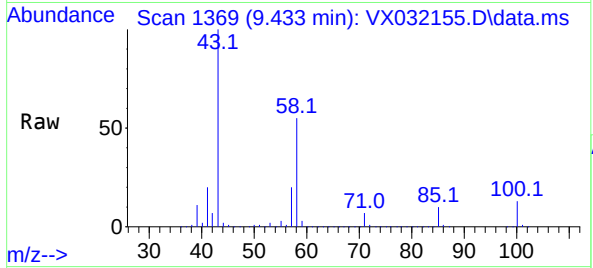




#59  
2-Hexanone  
Concen: 527.826 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

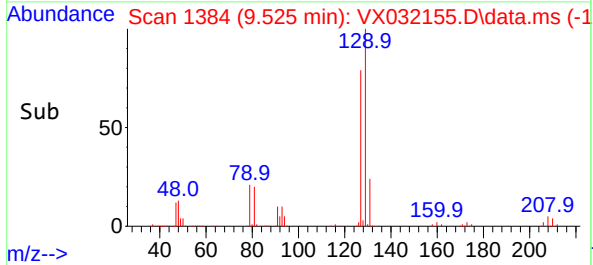
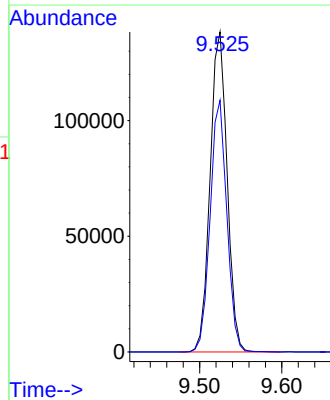
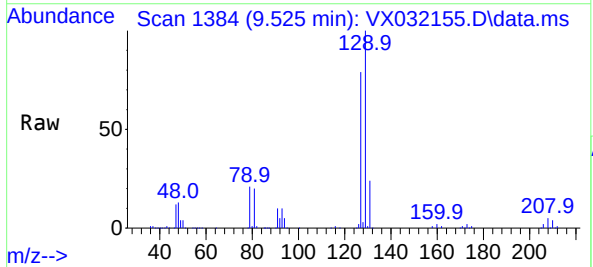
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

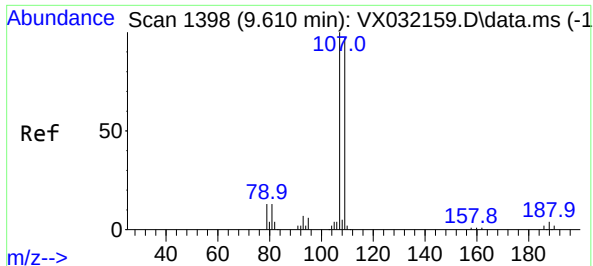
Tgt Ion: 43 Resp: 846011  
Ion Ratio Lower Upper  
43 100  
58 54.3 26.7 80.0



#60  
Dibromochloromethane  
Concen: 121.629 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 129 Resp: 198611  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.7 116.1

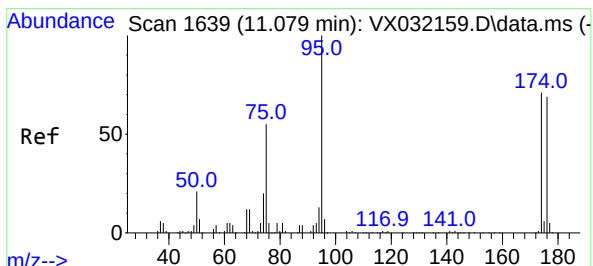
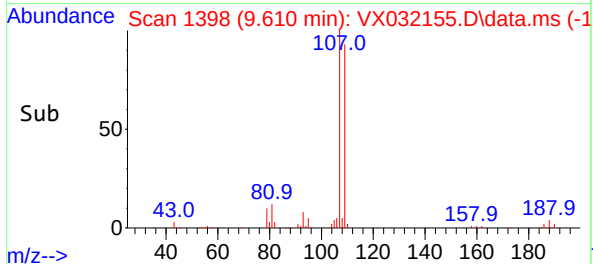
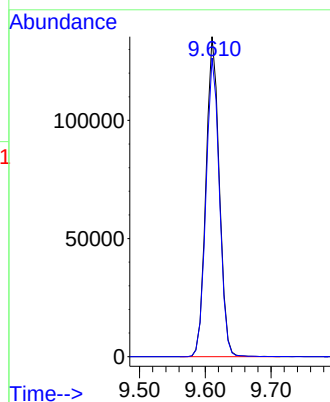
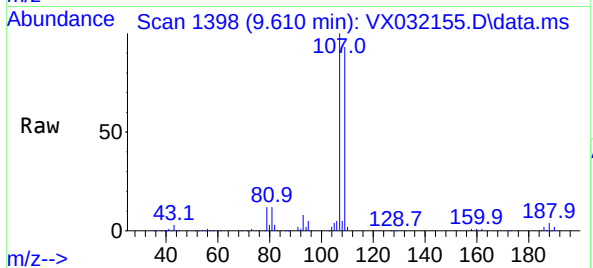




#61  
1,2-Dibromoethane  
Concen: 112.005 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

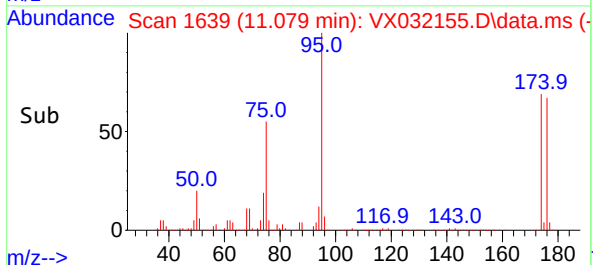
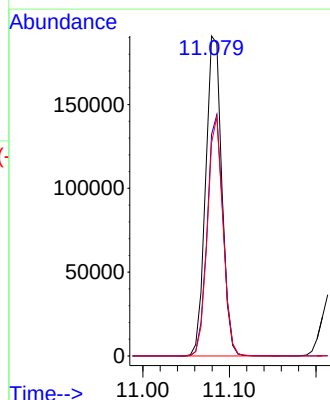
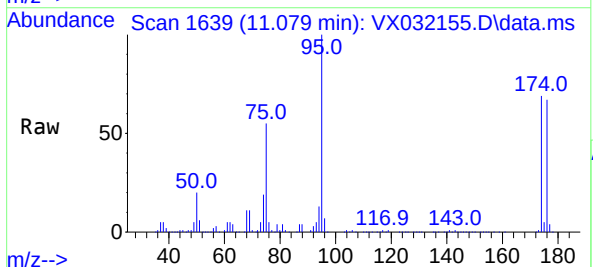
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

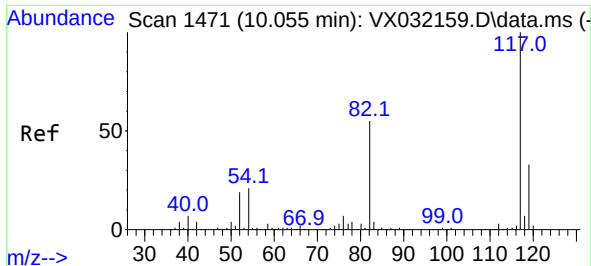
Tgt Ion:107 Resp: 190926  
Ion Ratio Lower Upper  
107 100  
109 94.0 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 114.707 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 95 Resp: 247035  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 153.2  
176 71.7 0.0 144.0

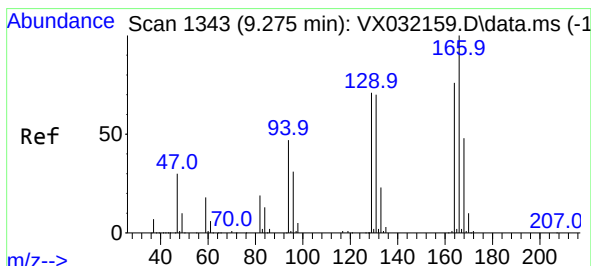
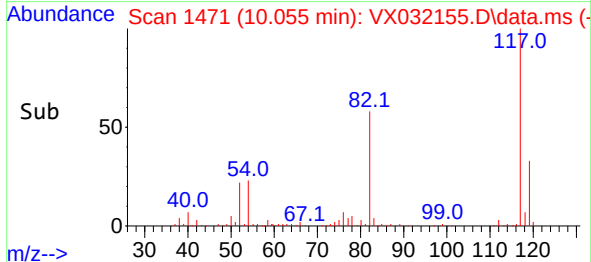
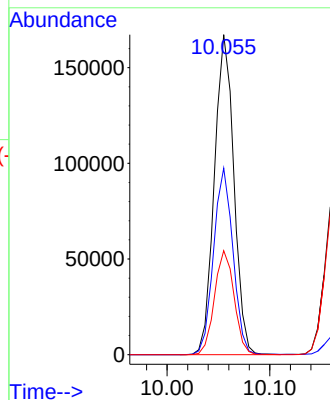
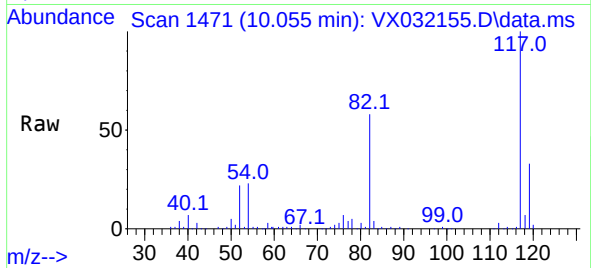




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

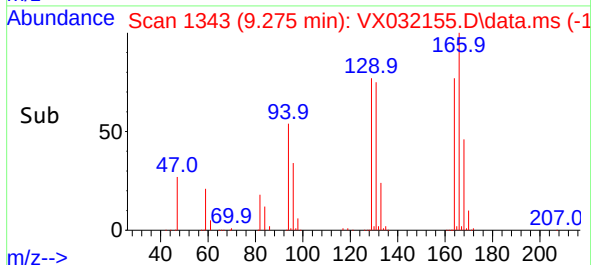
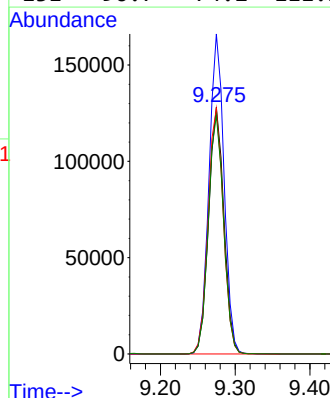
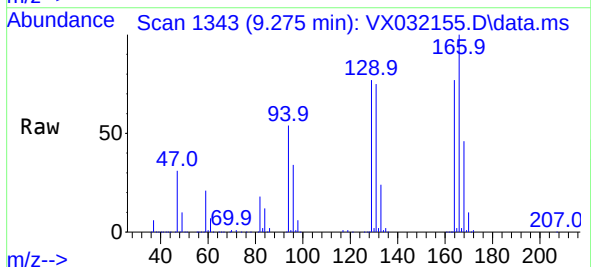
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

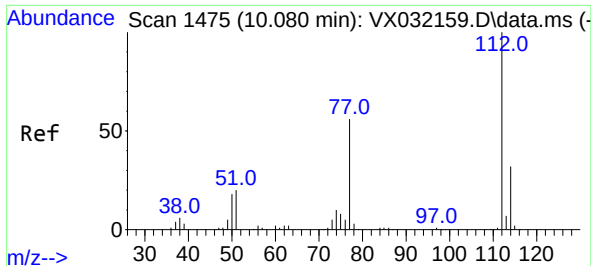
Tgt Ion:117 Resp: 220317  
Ion Ratio Lower Upper  
117 100  
82 58.3 46.8 70.2  
119 32.5 26.4 39.6



#64  
Tetrachloroethene  
Concen: 99.357 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:164 Resp: 181930  
Ion Ratio Lower Upper  
164 100  
166 129.7 99.0 148.4  
129 99.5 78.0 117.0  
131 96.7 74.2 111.2

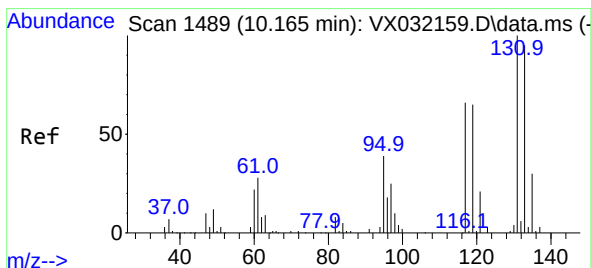
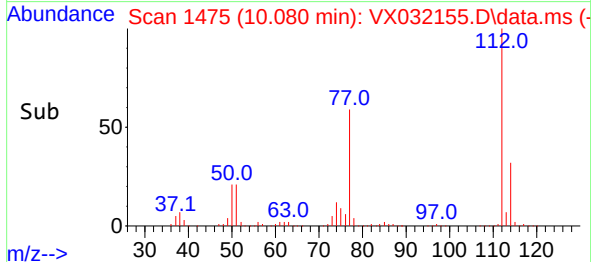
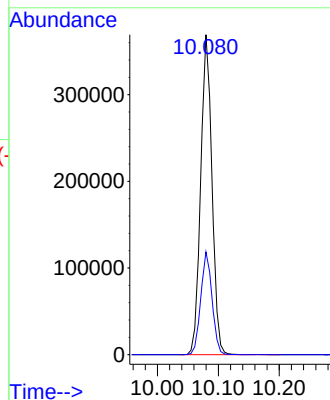
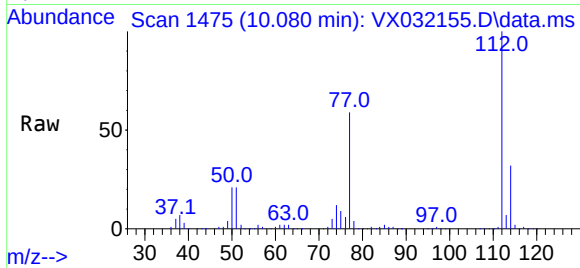




#65  
Chlorobenzene  
Concen: 97.874 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

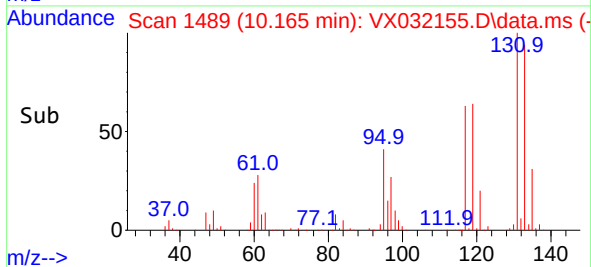
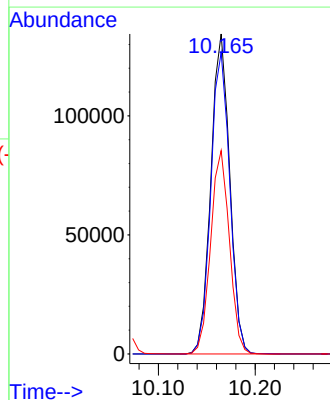
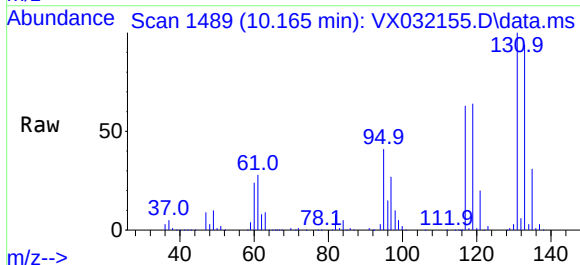
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

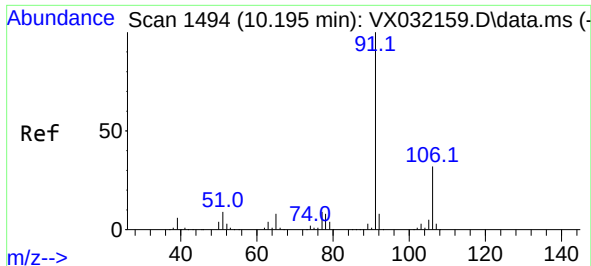
Tgt Ion:112 Resp: 473830  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 108.517 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:131 Resp: 182045  
Ion Ratio Lower Upper  
131 100  
133 94.9 46.6 139.7  
119 63.3 31.9 95.9





#67

Ethyl Benzene

Concen: 101.884 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032155.D

Acq: 17 Oct 2022 13:37

Instrument :

MSVOA\_X

ClientSampleId :

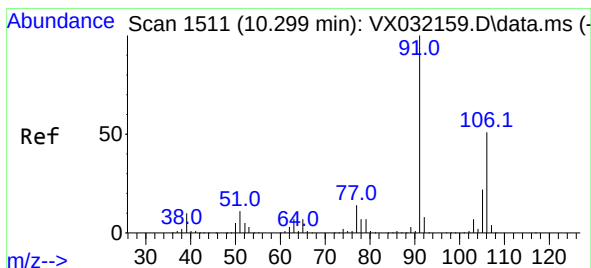
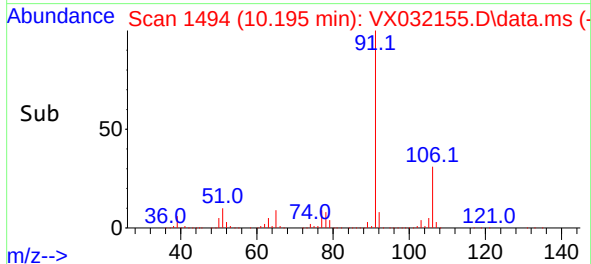
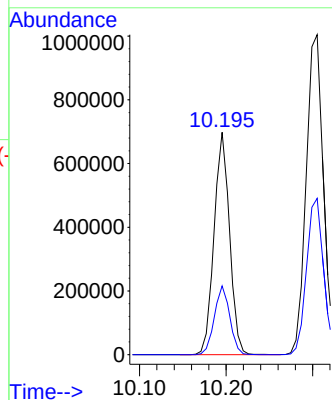
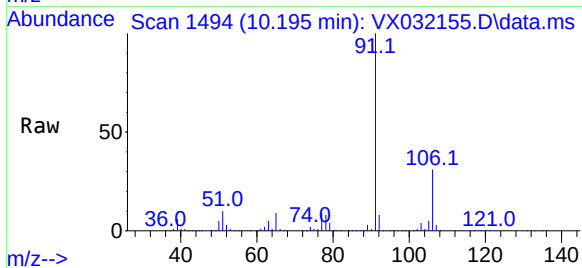
VSTDIC100

Tgt Ion: 91 Resp: 866868

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 204.494 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX032155.D

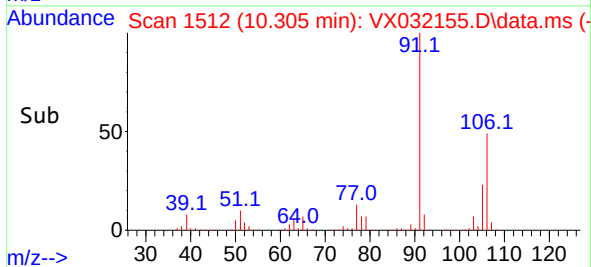
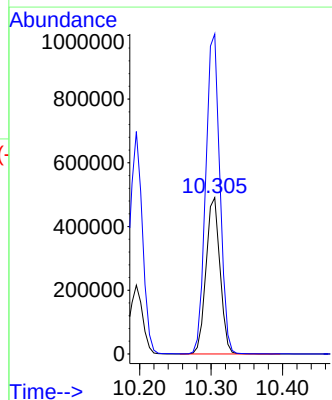
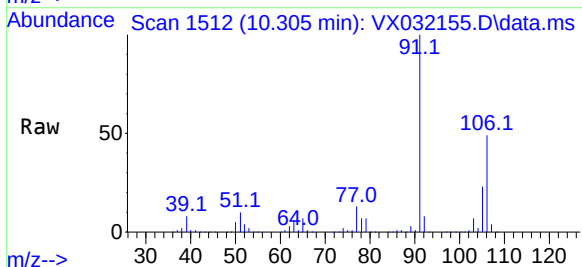
Acq: 17 Oct 2022 13:37

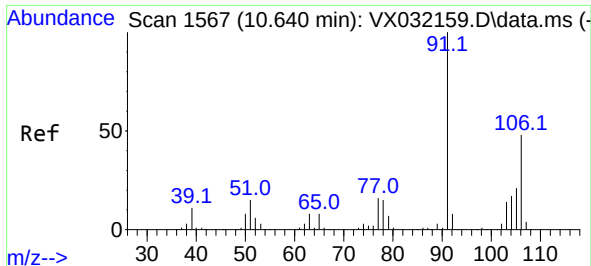
Tgt Ion: 106 Resp: 667197

Ion Ratio Lower Upper

106 100

91 206.7 161.0 241.4

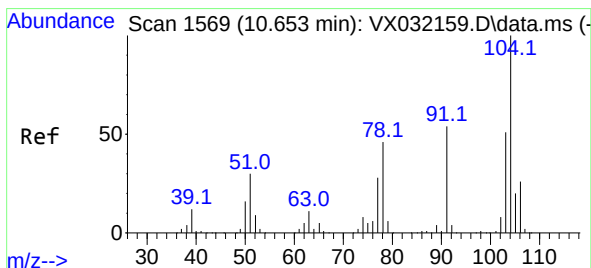
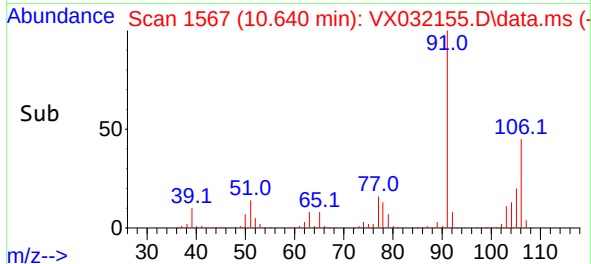
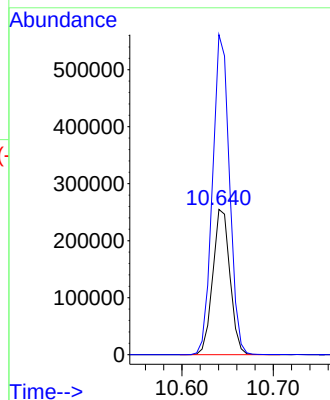
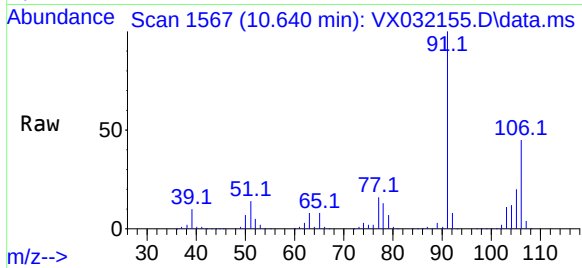




#69  
o-Xylene  
Concen: 103.543 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

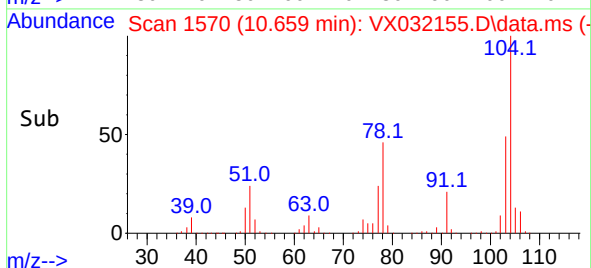
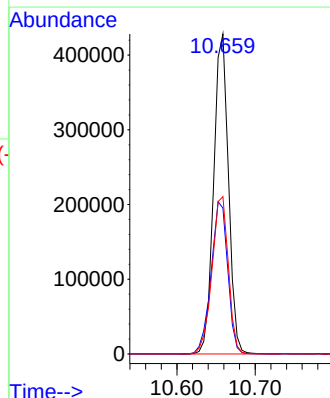
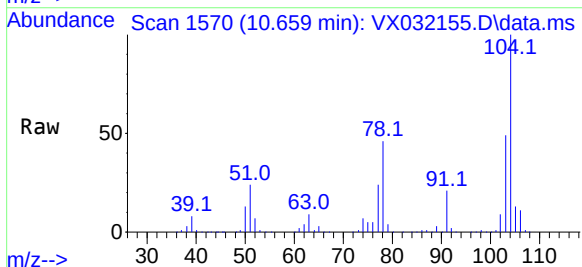
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

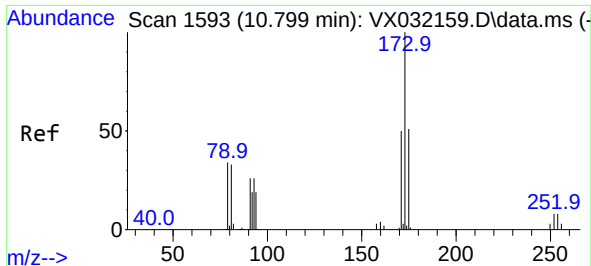
Tgt Ion:106 Resp: 332420  
Ion Ratio Lower Upper  
106 100  
91 217.0 107.2 321.6



#70  
Styrene  
Concen: 108.121 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:104 Resp: 560935  
Ion Ratio Lower Upper  
104 100  
78 53.6 41.4 62.2  
103 54.6 43.8 65.8

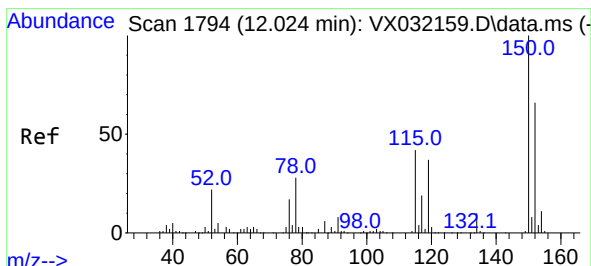
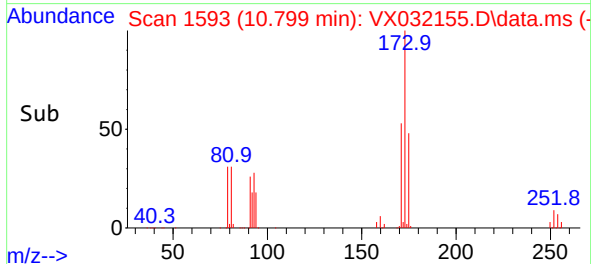
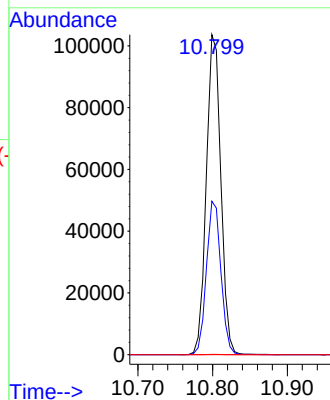
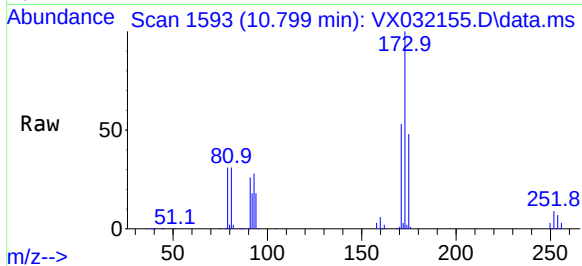




#71  
Bromoform  
Concen: 118.597 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

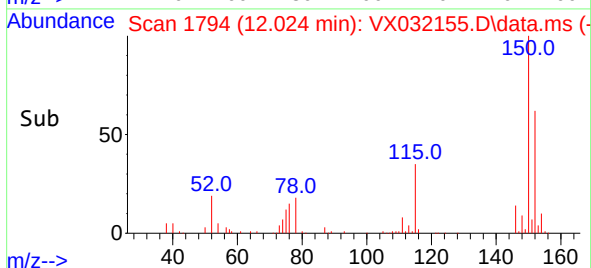
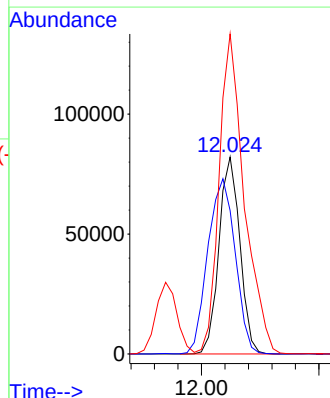
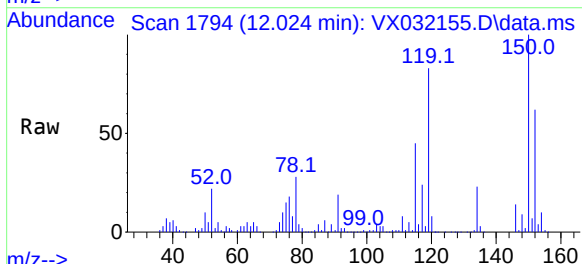
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:173 Resp: 139946  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.0 72.0  
254 0.1 0.0 0.0#

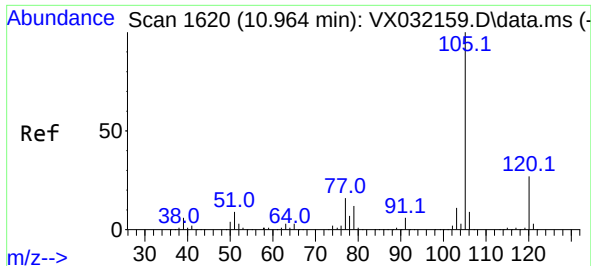


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:152 Resp: 101617  
Ion Ratio Lower Upper  
152 100  
115 116.4 43.4 130.1  
150 195.4 0.0 346.8



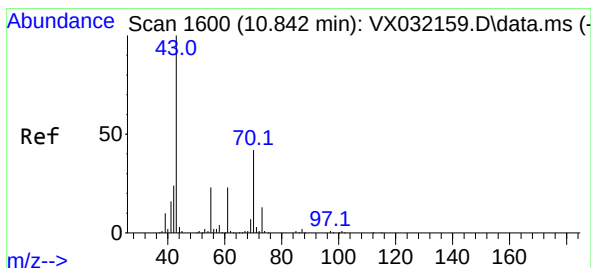
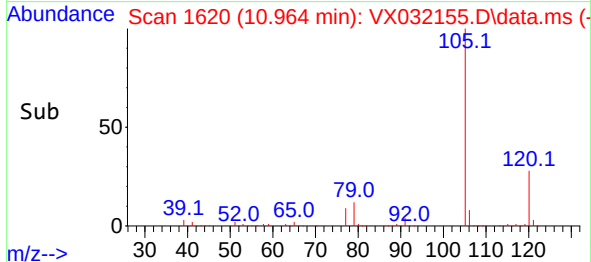
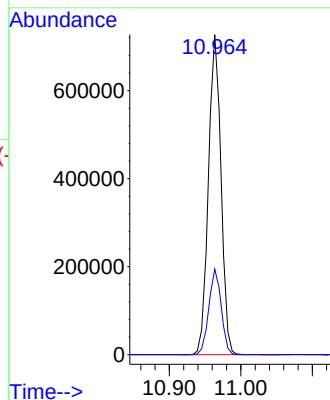
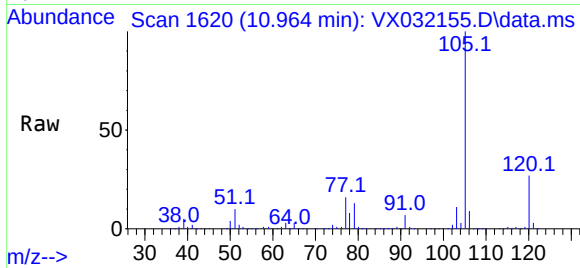




#73  
Isopropylbenzene  
Concen: 115.439 ug/l  
RT: 10.964 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

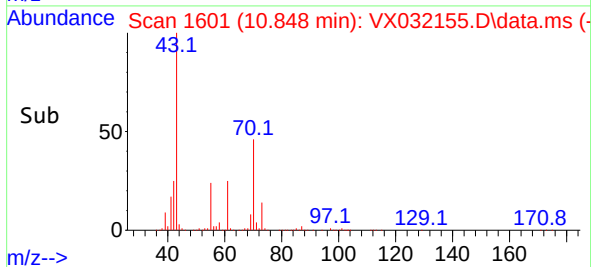
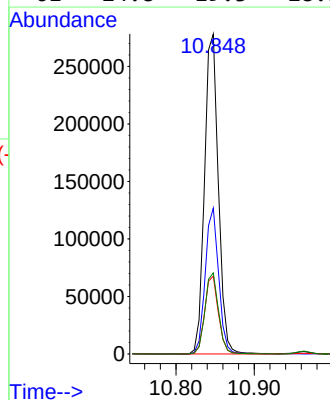
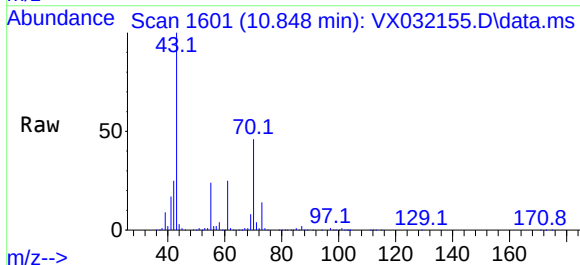
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

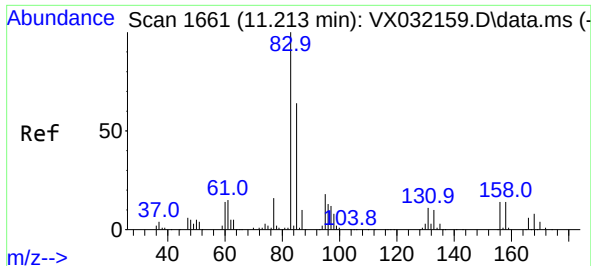
Tgt Ion:105 Resp: 886973  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.7 41.0



#74  
N-ethyl acetate  
Concen: 126.833 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 43 Resp: 341172  
Ion Ratio Lower Upper  
43 100  
70 44.2 33.4 50.2  
55 24.2 18.2 27.2  
61 24.8 19.3 28.9

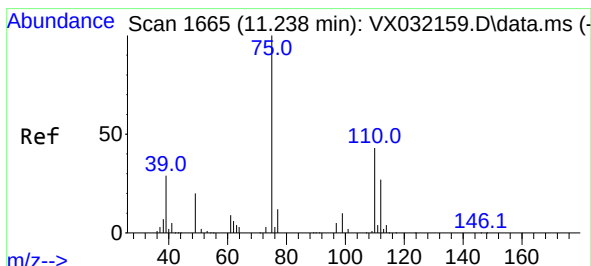
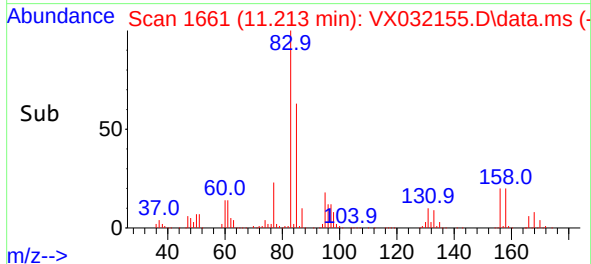
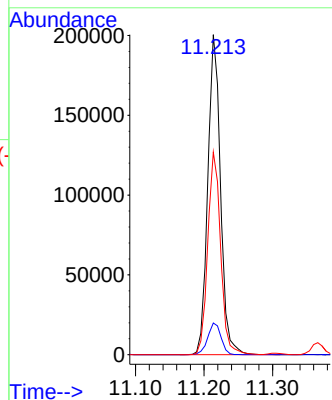
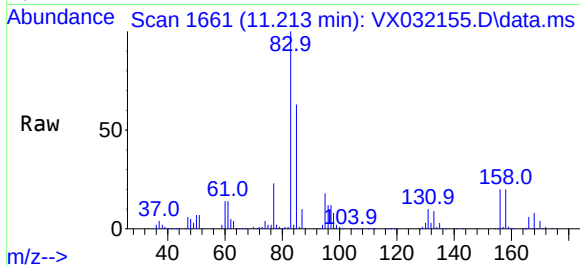




#75  
1,1,2,2-Tetrachloroethane  
Concen: 104.940 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

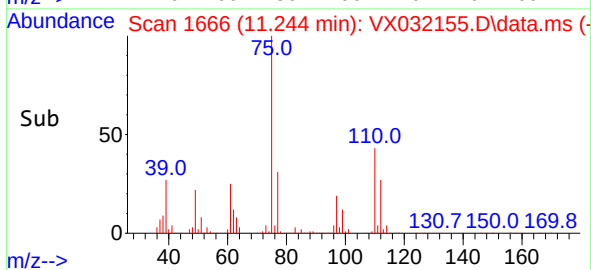
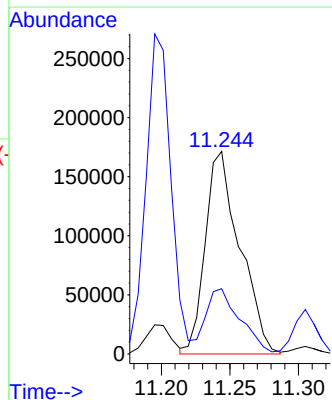
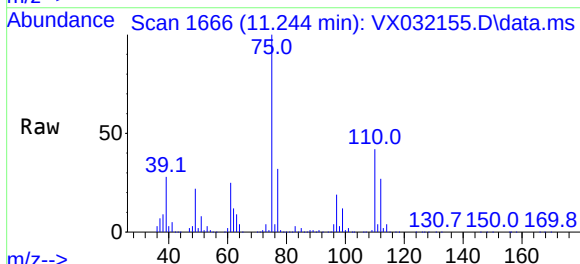
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

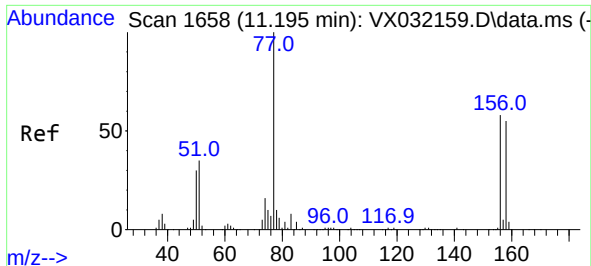
Tgt Ion: 83 Resp: 258490  
Ion Ratio Lower Upper  
83 100  
131 10.4 5.1 15.4  
85 64.2 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 134.158 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 75 Resp: 300965  
Ion Ratio Lower Upper  
75 100  
77 32.5 20.3 60.9

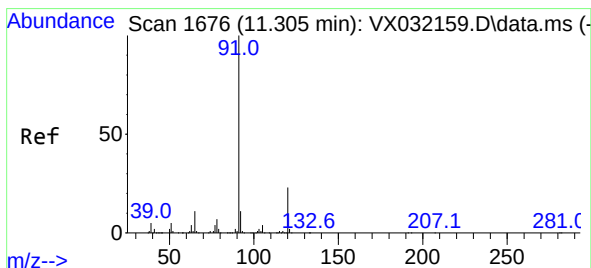
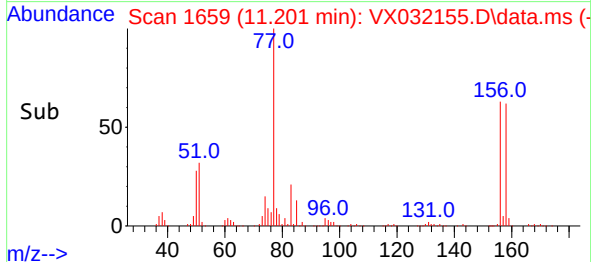
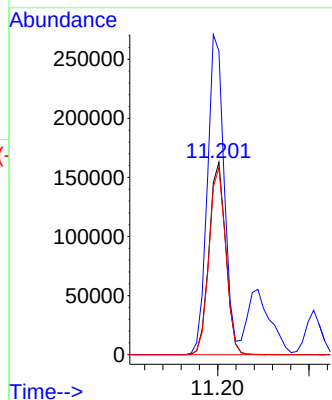
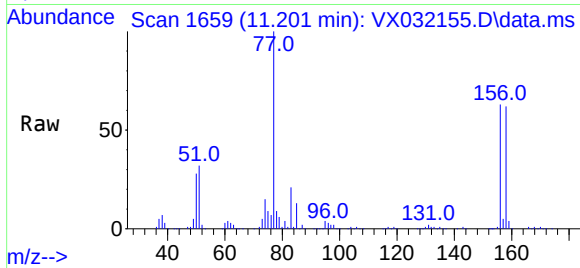




#77  
Bromobenzene  
Concen: 110.246 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

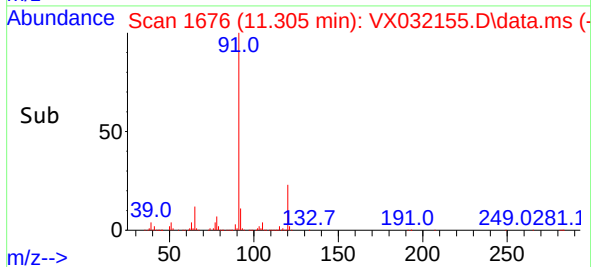
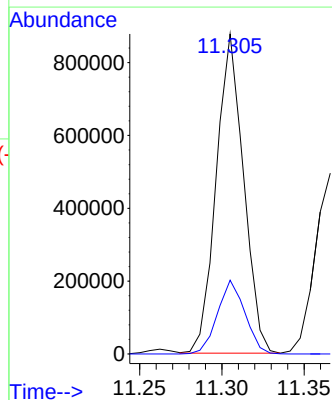
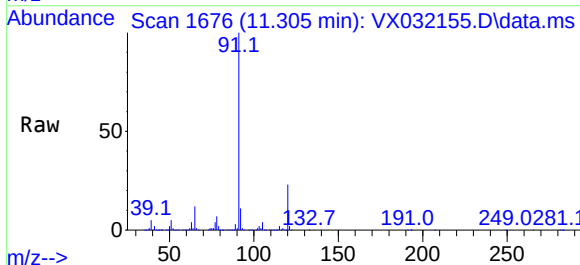
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

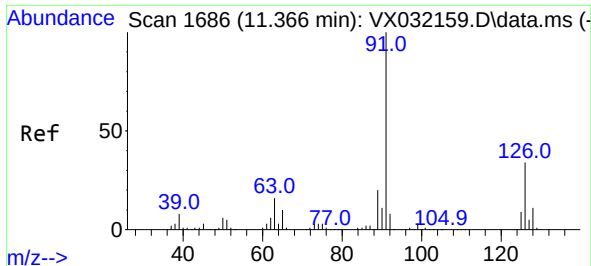
Tgt Ion:156 Resp: 206202  
Ion Ratio Lower Upper  
156 100  
77 166.3 79.5 238.6  
158 97.4 48.4 145.3



#78  
n-propylbenzene  
Concen: 110.065 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 91 Resp: 1013380  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.8 35.4

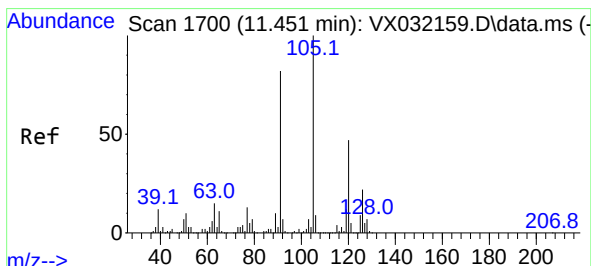
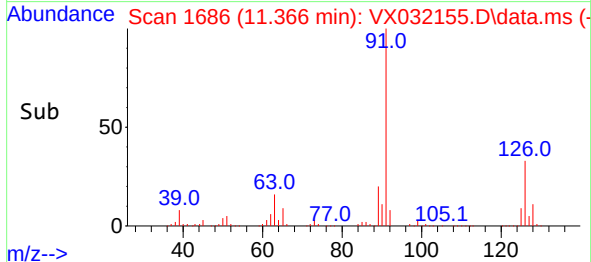
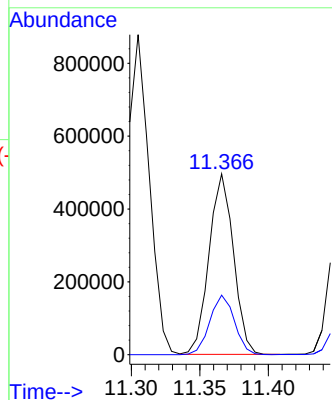
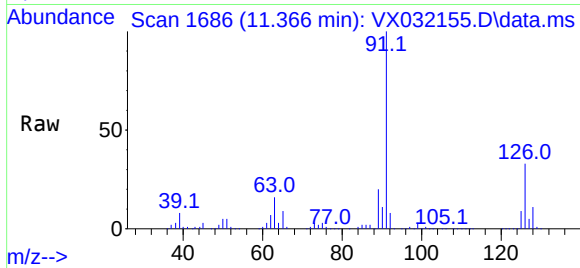




#79  
2-Chlorotoluene  
Concen: 108.145 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

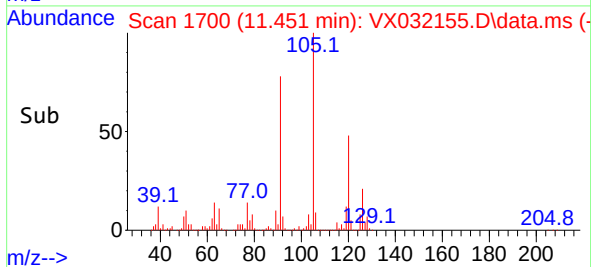
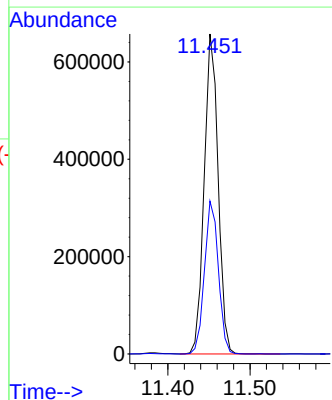
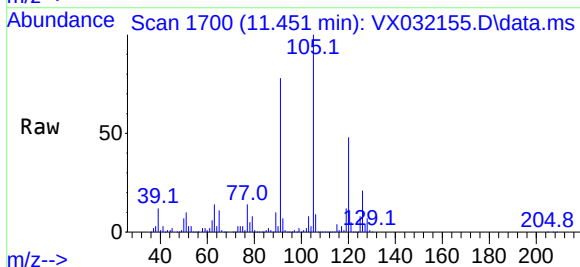
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

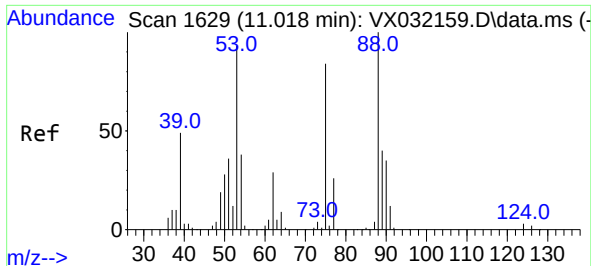
Tgt Ion: 91 Resp: 615064  
Ion Ratio Lower Upper  
91 100  
126 33.3 17.4 52.3



#80  
1,3,5-Trimethylbenzene  
Concen: 113.736 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:105 Resp: 771334  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.5 73.5

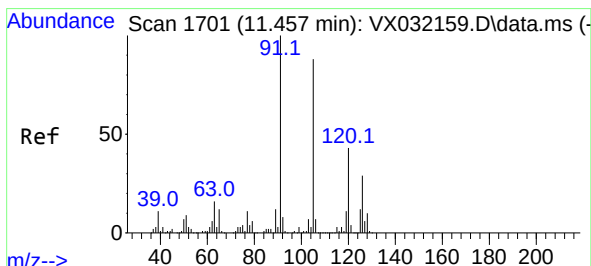
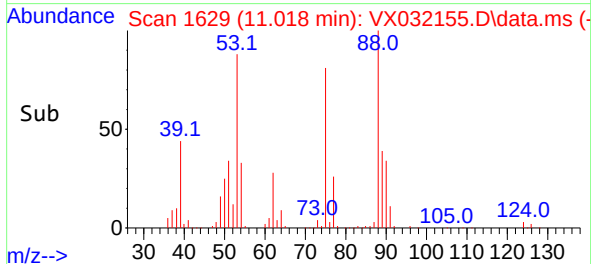
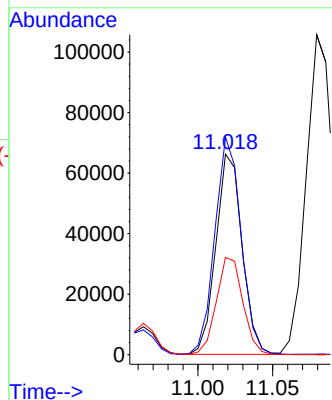
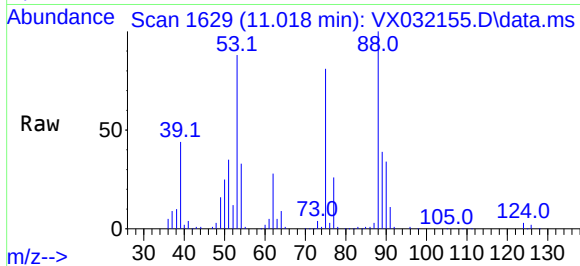




#81  
trans-1,4-Dichloro-2-butene  
Concen: 141.443 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

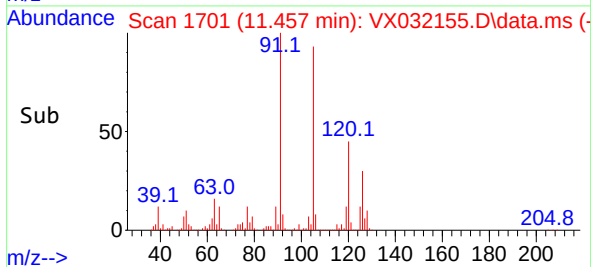
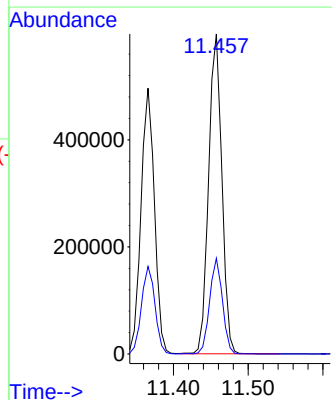
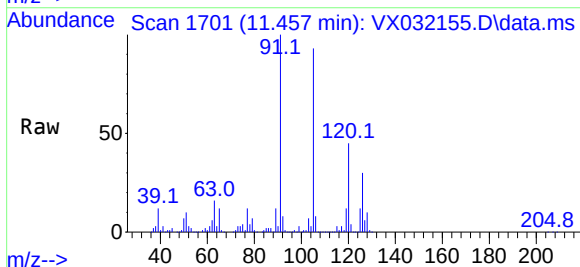
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

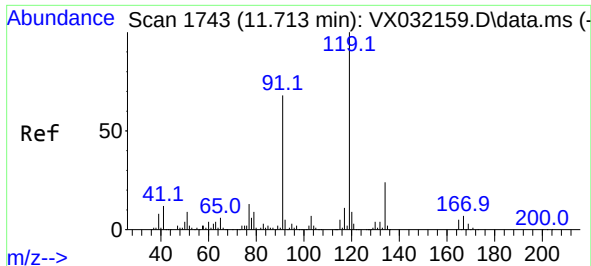
Tgt Ion: 75 Resp: 80954  
Ion Ratio Lower Upper  
75 100  
53 108.2 77.6 116.4  
89 49.0 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 110.899 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 91 Resp: 734995  
Ion Ratio Lower Upper  
91 100  
126 28.9 15.1 45.3

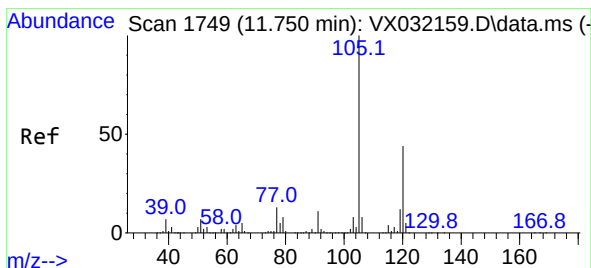
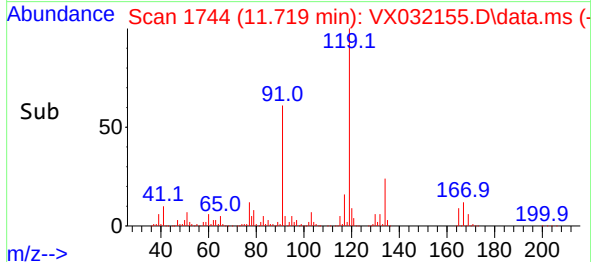
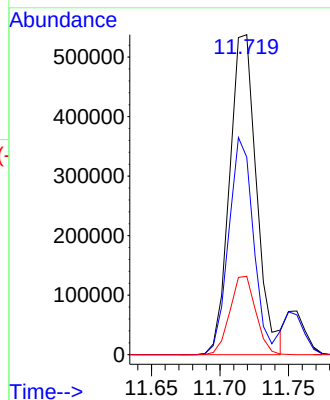
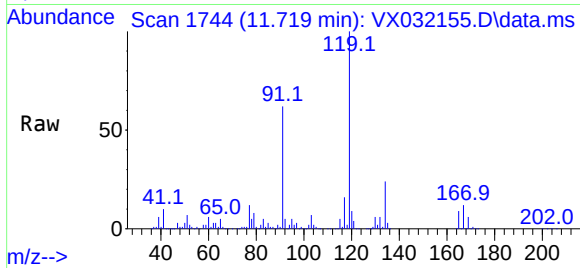




#83  
tert-Butylbenzene  
Concen: 110.912 ug/l  
RT: 11.719 min Scan# 1743  
Delta R.T. 0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

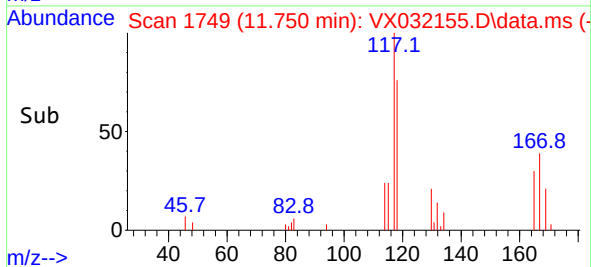
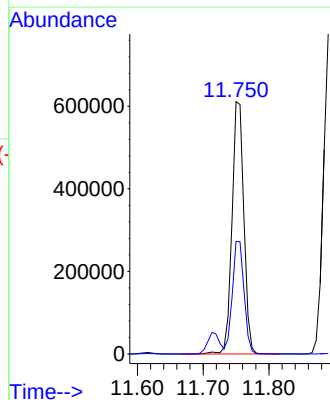
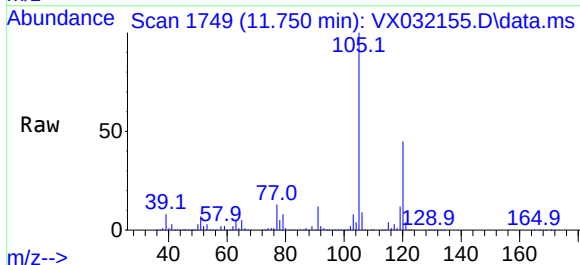
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

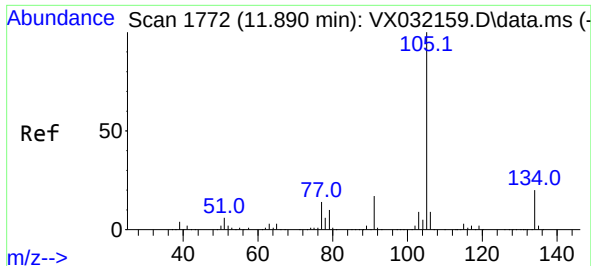
Tgt Ion:119 Resp: 739948  
Ion Ratio Lower Upper  
119 100  
91 62.0 29.2 87.6  
134 23.5 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 112.313 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:105 Resp: 766459  
Ion Ratio Lower Upper  
105 100  
120 44.1 22.6 67.8

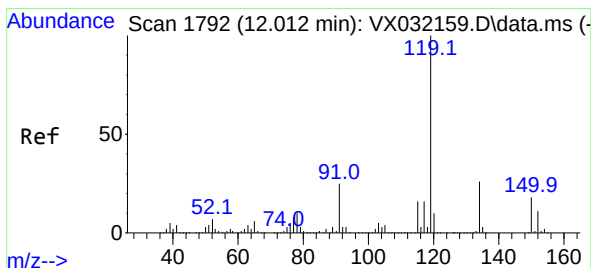
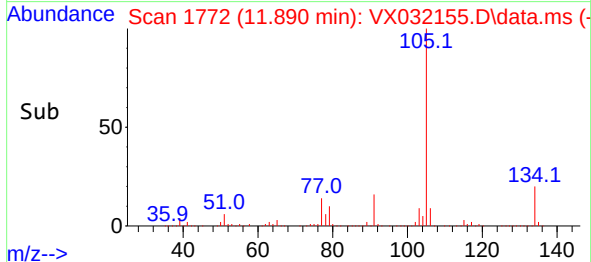
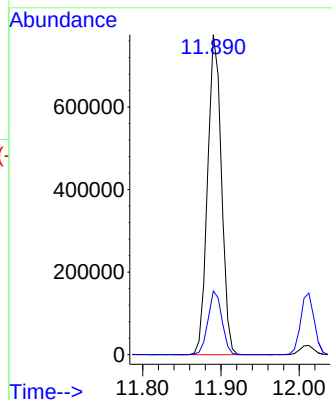
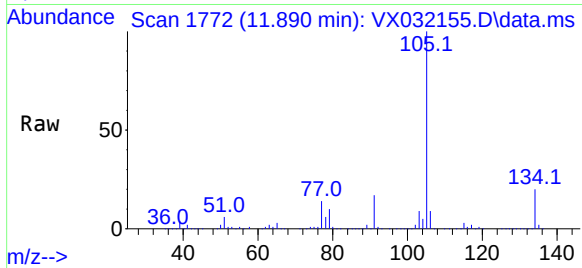




#85  
sec-Butylbenzene  
Concen: 113.477 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

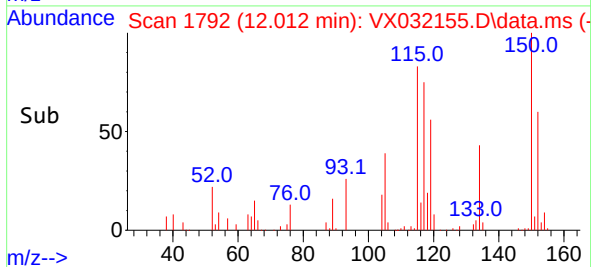
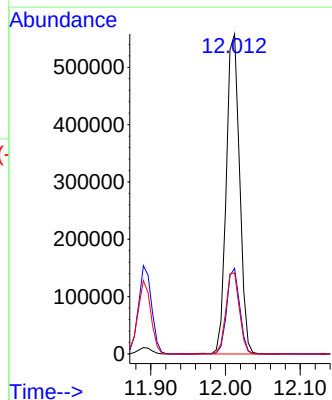
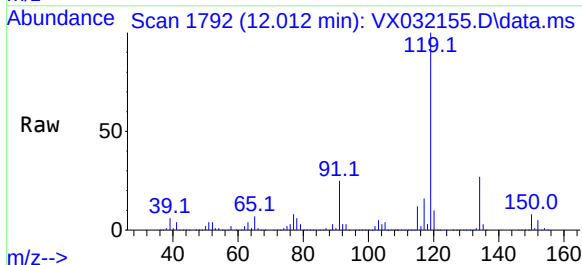
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC100

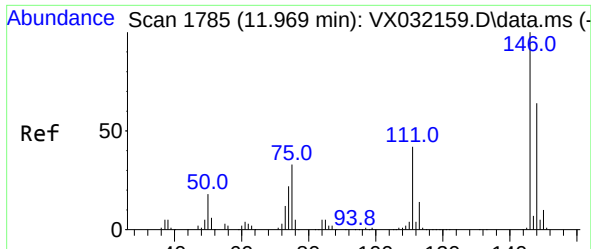
Tgt Ion:105 Resp: 947448  
Ion Ratio Lower Upper  
105 100  
134 20.0 10.4 31.1



#86  
p-Isopropyltoluene  
Concen: 99.362 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:119 Resp: 690613  
Ion Ratio Lower Upper  
119 100  
134 26.1 13.4 40.2  
91 25.8 12.4 37.2

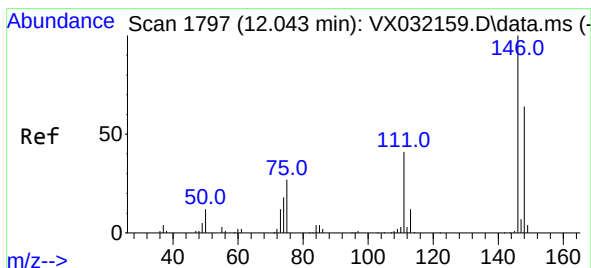
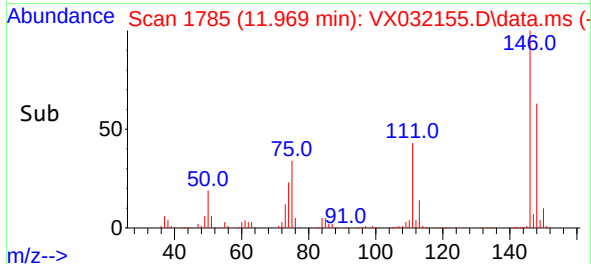
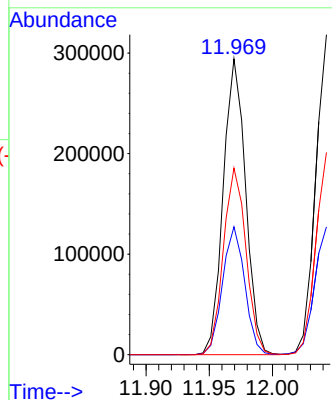
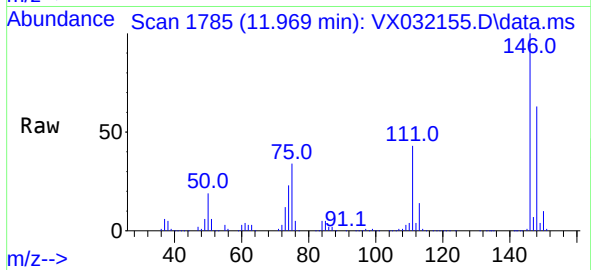




#87  
1,3-Dichlorobenzene  
Concen: 100.082 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

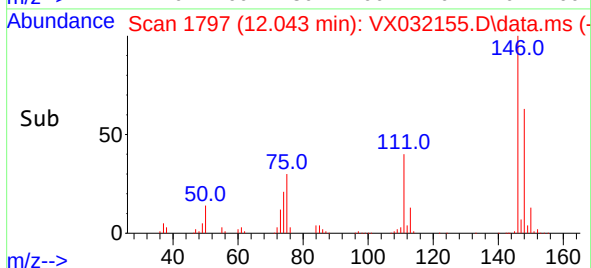
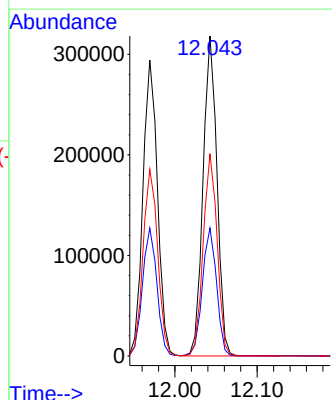
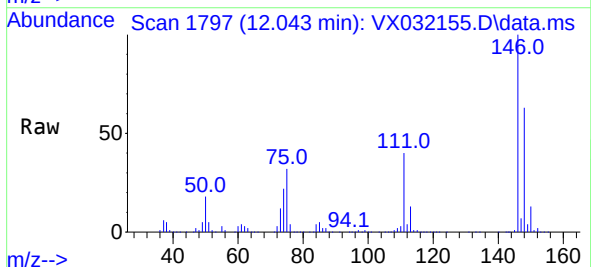
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:146 Resp: 361767  
Ion Ratio Lower Upper  
146 100  
111 43.0 19.8 59.4  
148 63.8 31.5 94.5

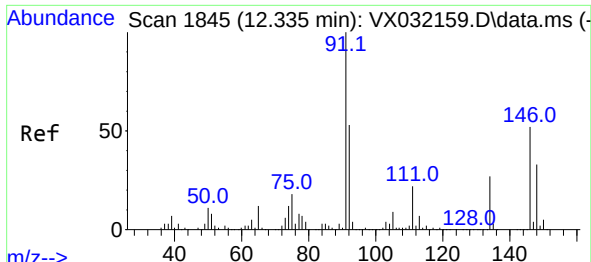


#88  
1,4-Dichlorobenzene  
Concen: 102.474 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:146 Resp: 373781  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.5 61.5  
148 63.4 32.0 96.2



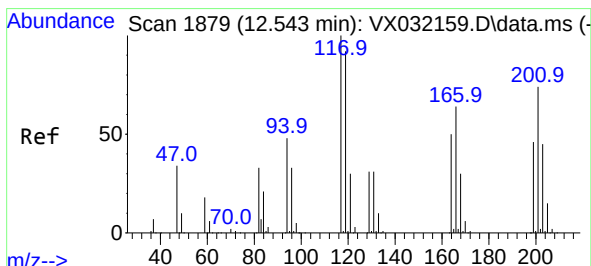
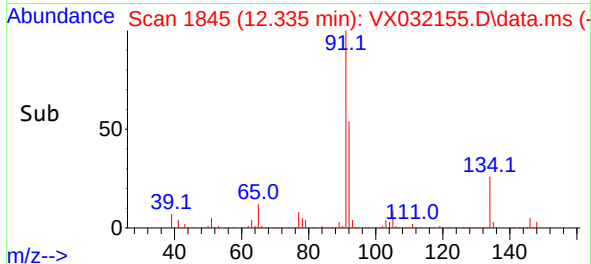
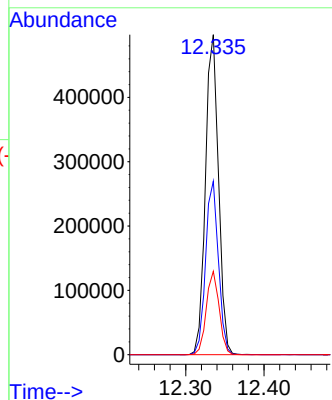
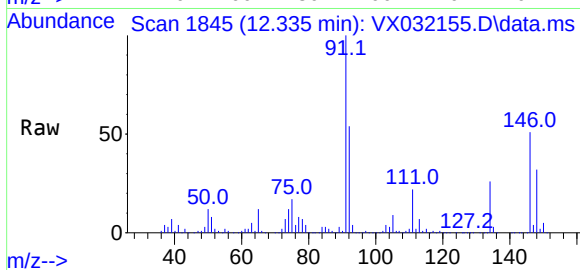




#89  
n-Butylbenzene  
Concen: 100.208 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

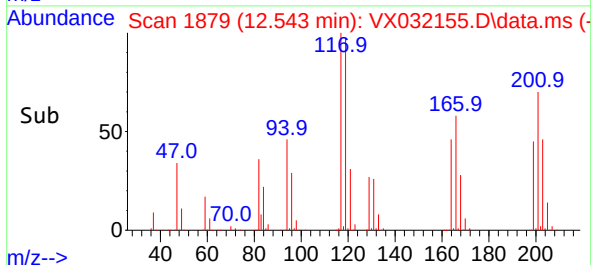
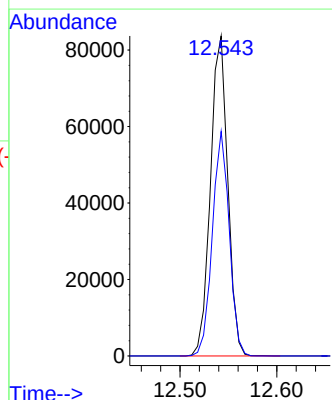
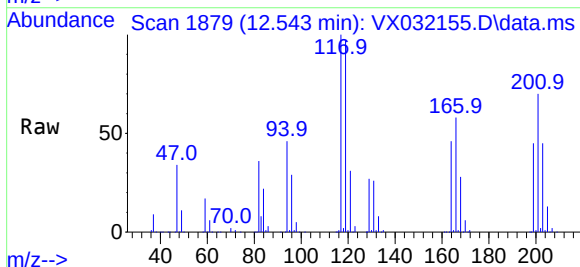
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MSVOA\_X  
ClientSampleId :  
VSTDICC100

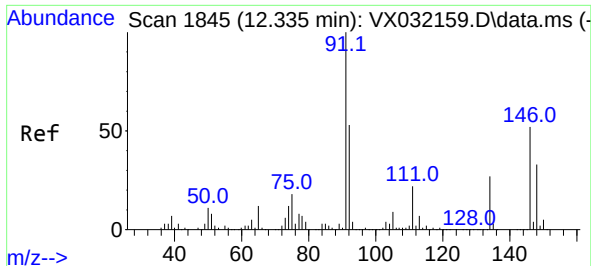
Tgt Ion: 91 Resp: 574226  
Ion Ratio Lower Upper  
91 100  
92 53.4 27.0 81.0  
134 25.6 13.3 39.9



#90  
Hexachloroethane  
Concen: 107.948 ug/l  
RT: 12.543 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 117 Resp: 104118  
Ion Ratio Lower Upper  
117 100  
201 68.4 34.8 104.4

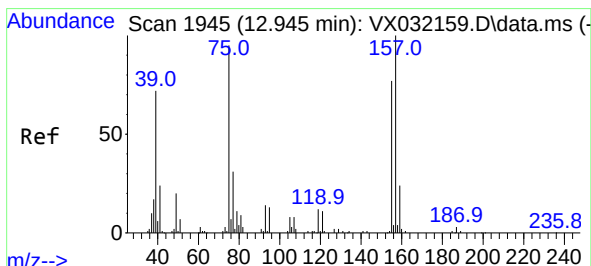
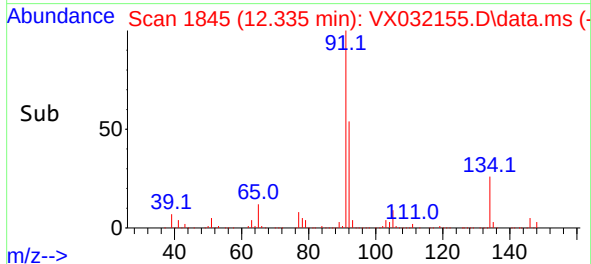
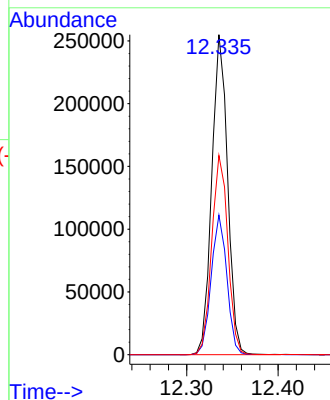
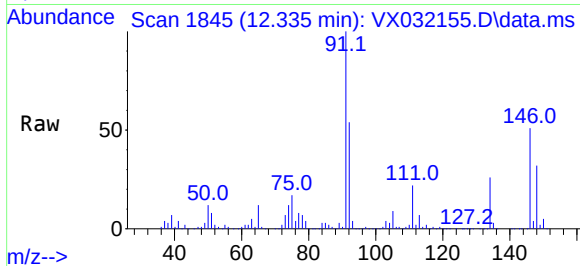




#91  
1,2-Dichlorobenzene  
Concen: 88.413 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

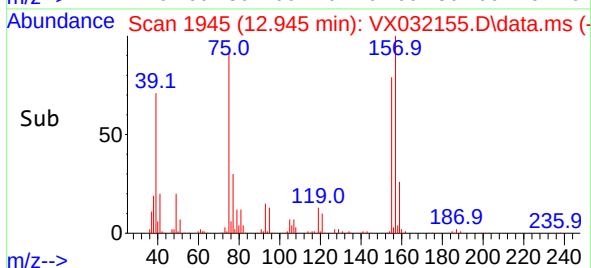
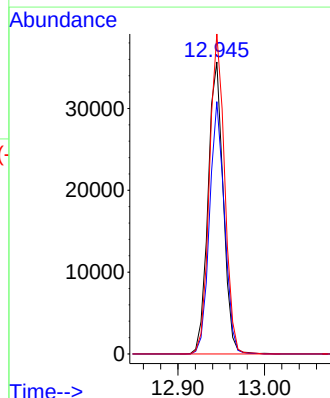
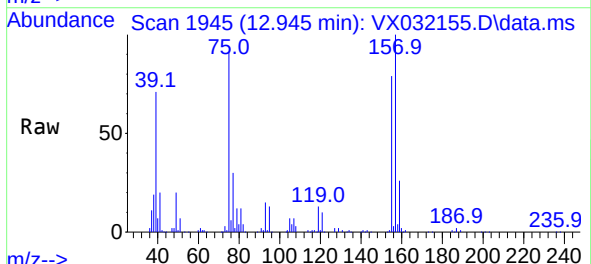
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

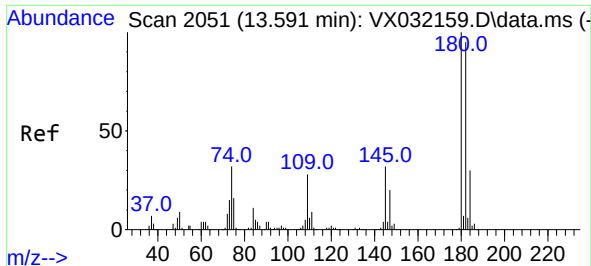
Tgt Ion:146 Resp: 305382  
Ion Ratio Lower Upper  
146 100  
111 43.2 20.6 61.8  
148 63.7 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 99.127 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion: 75 Resp: 43507  
Ion Ratio Lower Upper  
75 100  
155 84.7 40.3 120.8  
157 109.7 51.5 154.5

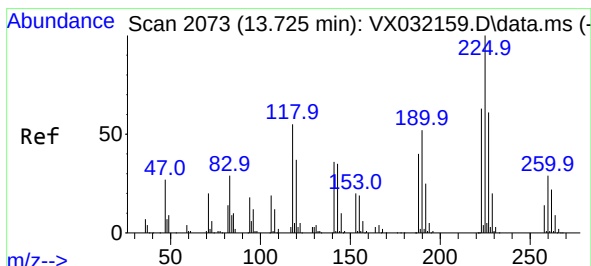
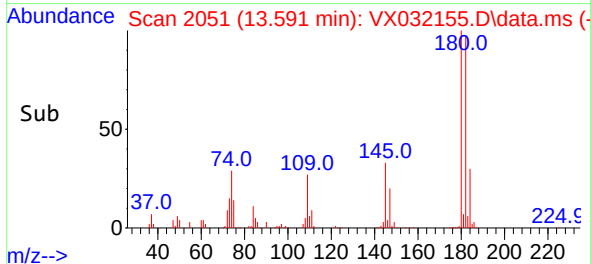
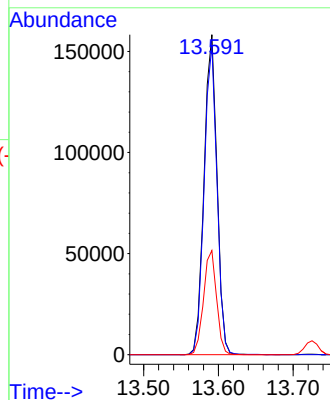
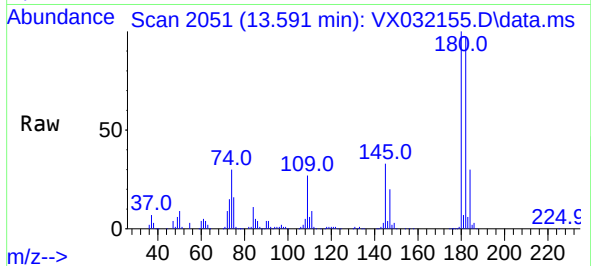




#93  
1,2,4-Trichlorobenzene  
Concen: 99.180 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

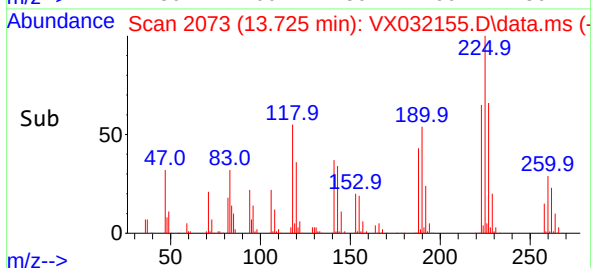
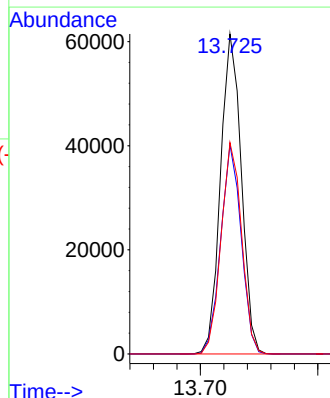
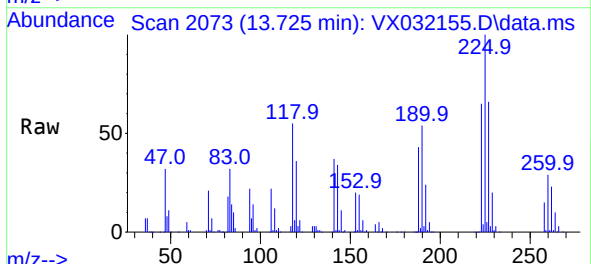
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

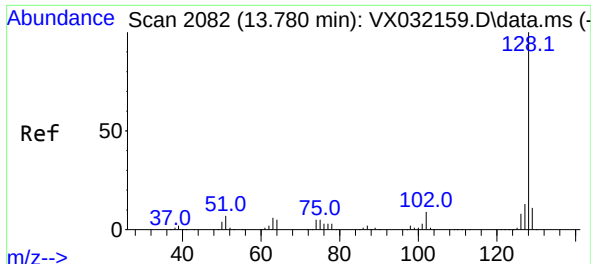
Tgt Ion:180 Resp: 190270  
Ion Ratio Lower Upper  
180 100  
182 95.7 46.9 140.6  
145 32.7 16.7 50.1



#94  
Hexachlorobutadiene  
Concen: 93.850 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:225 Resp: 75458  
Ion Ratio Lower Upper  
225 100  
223 64.3 30.8 92.4  
227 65.4 32.3 96.9



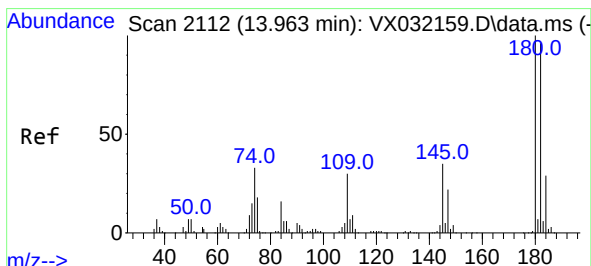
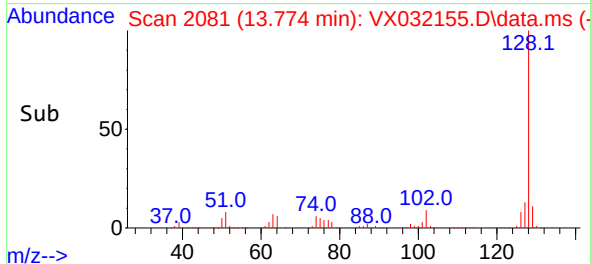
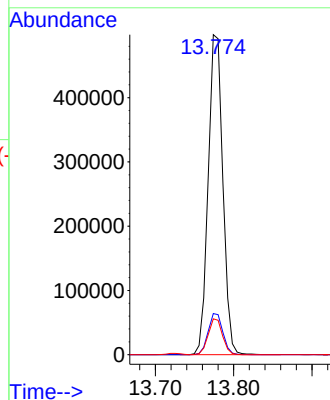
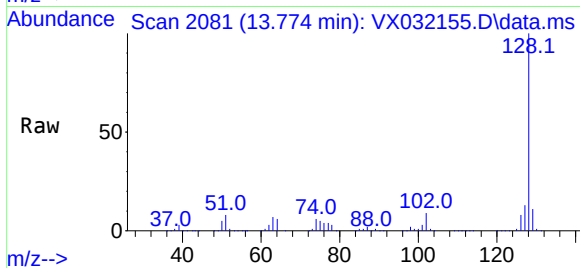


#95  
Naphthalene  
Concen: 100.733 ug/l  
RT: 13.774 min Scan# 2082  
Delta R.T. -0.006 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 645798

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.4  | 15.6  |
| 129 | 11.0  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 99.248 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX032155.D  
Acq: 17 Oct 2022 13:37

Tgt Ion:180 Resp: 190612

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.6  | 47.9  | 143.8 |
| 145 | 34.3  | 17.6  | 52.8  |

