

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX053123\Not Reviewed Data\  
 Data File : VX035923.D  
 Acq On : 31 May 2023 09:39  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: May 31 12:42:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:39:14 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 214011   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 374765   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 326878   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 150134   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 5922     | 1.704    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 3.400%#  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 4306     | 1.708    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 3.420%#  |
| 50) Toluene-d8               | 8.647  | 98    | 12979    | 1.435    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 2.860%#  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 4485     | 1.256    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 2.520%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 2484     | 1.062    | ug/l   | 97       |
| 3) Chloromethane             | 1.294  | 50    | 2947     | 1.103    | ug/l   | 90       |
| 4) Vinyl Chloride            | 1.374  | 62    | 2652     | 1.056    | ug/l   | 99       |
| 5) Bromomethane              | 1.611  | 94    | 2048     | 1.239    | ug/l   | 87       |
| 6) Chloroethane              | 1.691  | 64    | 1743     | 1.179    | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 4078     | 1.154    | ug/l   | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 1660     | 1.082    | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 2512     | 1.146    | ug/l   | 94       |
| 10) Methyl Iodide            | 2.453  | 142   | 2102     | 0.814    | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.983  | 59    | 1847     | 2.993    | ug/l # | 94       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 2246     | 1.046    | ug/l   | 82       |
| 13) Acrolein                 | 2.239  | 56    | 3626     | 6.099    | ug/l   | 97       |
| 14) Allyl chloride           | 2.666  | 41    | 4447     | 1.008    | ug/l   | 97       |
| 15) Acrylonitrile            | 3.075  | 53    | 7329     | 5.054    | ug/l   | 93       |
| 16) Acetone                  | 2.386  | 43    | 8835     | 6.162    | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.514  | 76    | 5780     | 1.074    | ug/l # | 91       |
| 18) Methyl Acetate           | 2.703  | 43    | 5399     | 0.969    | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 7843     | 0.933    | ug/l   | 95       |
| 20) Methylene Chloride       | 2.788  | 84    | 3065     | 1.110    | ug/l # | 90       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 2607     | 1.062    | ug/l   | 88       |
| 22) Diisopropyl ether        | 3.757  | 45    | 8414     | 0.980    | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.727  | 43    | 27348    | 4.534    | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 4593     | 0.965    | ug/l # | 93       |
| 25) 2-Butanone               | 4.568  | 43    | 10470    | 5.102    | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.465  | 77    | 3545     | 0.977    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 3042     | 1.033    | ug/l   | 94       |
| 28) Bromochloromethane       | 4.897  | 49    | 2451     | 0.983    | ug/l # | 94       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 6403     | 4.842    | ug/l   | 97       |
| 30) Chloroform               | 5.092  | 83    | 5094     | 1.039    | ug/l   | 95       |
| 31) Cyclohexane              | 5.464  | 56    | 4169     | 1.146    | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.391  | 97    | 4116     | 0.993    | ug/l # | 52       |
| 36) 1,1-Dichloropropene      | 5.702  | 75    | 3708     | 1.103    | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.721  | 43    | 3957     | 1.057    | ug/l   | 94       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 3392     | 1.036    | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.373  | 83    | 3886     | 1.108    | ug/l # | 88       |
| 40) Benzene                  | 6.044  | 78    | 10411    | 1.032    | ug/l   | 92       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX053123\Not Reviewed Data\  
 Data File : VX035923.D  
 Acq On : 31 May 2023 09:39  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: May 31 12:42:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:39:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.928  | 41   | 2091     | 0.985  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 3937     | 0.986  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 5860     | 0.952  | ug/l   | 96       |
| 44) Trichloroethene           | 7.135  | 130  | 2818     | 1.077  | ug/l   | 72       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 2754     | 1.037  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 1855     | 1.006  | ug/l   | 95       |
| 47) Bromodichloromethane      | 7.824  | 83   | 3208     | 0.925  | ug/l # | 91       |
| 48) Methyl methacrylate       | 7.690  | 41   | 2774     | 0.919  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 1554     | 22.482 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 18041    | 4.802  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 6345     | 1.001  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 3162     | 0.862  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 3635     | 0.898  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 2761     | 1.045  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 3409     | 0.863  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 4719     | 1.038  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 10083    | 4.872  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 13398    | 4.824  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.518  | 129  | 2412     | 0.940  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 2548     | 0.943  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.269  | 164  | 2295     | 1.117  | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 7144     | 1.083  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 2096     | 0.904  | ug/l # | 61       |
| 67) Ethyl Benzene             | 10.195 | 91   | 12665    | 1.079  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.299 | 106  | 9220     | 2.070  | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106  | 4640     | 1.037  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 6680     | 0.924  | ug/l   | 94       |
| 71) Bromoform                 | 10.805 | 173  | 1344     | 0.837  | ug/l # | 93       |
| 73) Isopropylbenzene          | 10.963 | 105  | 11689    | 1.071  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.848 | 43   | 4377     | 0.920  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 4084     | 1.094  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 4178     | 1.234  | ug/l   | 84       |
| 77) Bromobenzene              | 11.195 | 156  | 2916     | 1.081  | ug/l   | 89       |
| 78) n-propylbenzene           | 11.305 | 91   | 12442    | 1.010  | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 8825     | 1.100  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 9179     | 0.998  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 783      | 4.804  | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 9964     | 1.083  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 8863     | 1.009  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 9763     | 1.034  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 9987     | 0.958  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 8573     | 0.962  | ug/l   | 89       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 4951     | 1.002  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 6102     | 1.172  | ug/l   | 85       |
| 89) n-Butylbenzene            | 12.335 | 91   | 7414     | 0.985  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 1322     | 0.935  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 5160     | 1.049  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.951 | 75   | 711      | 0.923  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 2873     | 1.003  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 1347     | 1.237  | ug/l   | 92       |
| 95) Naphthalene               | 13.774 | 128  | 9274     | 0.931  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 2939     | 1.041  | ug/l   | 98       |

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Data File : VX035923.D  
Acq On : 31 May 2023 09:39  
Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

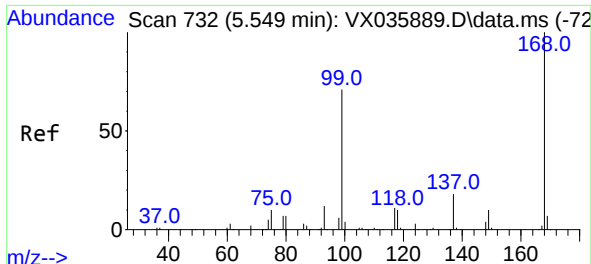
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Quant Time: May 31 12:42:15 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 31 12:39:14 2023  
Response via : Initial Calibration

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

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

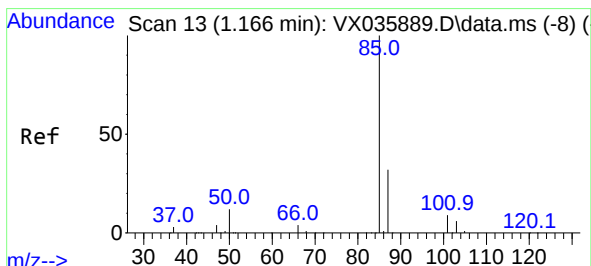
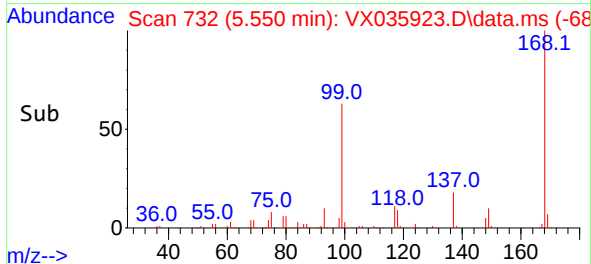
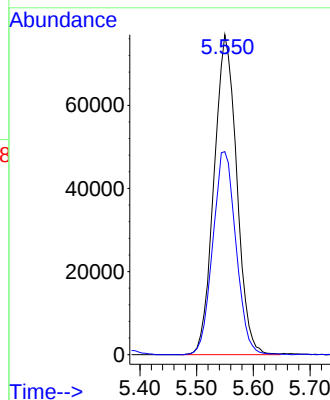
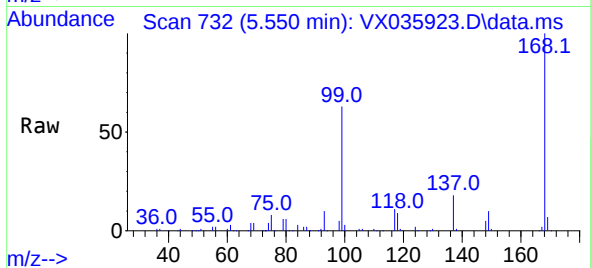




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

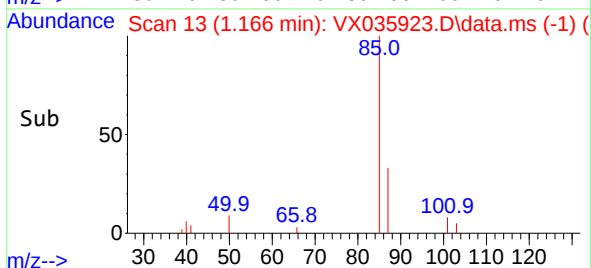
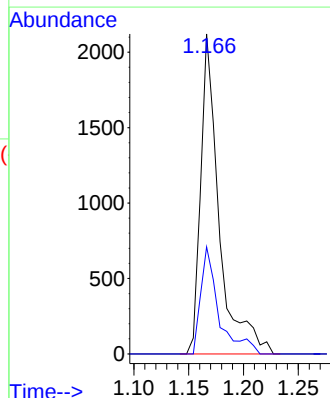
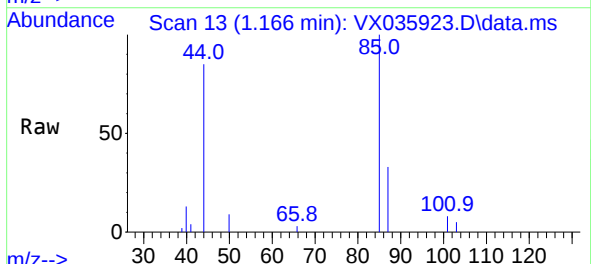
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

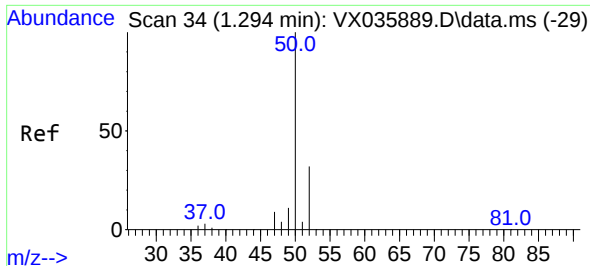
Tgt Ion:168 Resp: 214011  
Ion Ratio Lower Upper  
168 100  
99 63.5 57.0 85.6



#2  
Dichlorodifluoromethane  
Concen: 1.062 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 85 Resp: 2484  
Ion Ratio Lower Upper  
85 100  
87 33.4 15.8 47.4

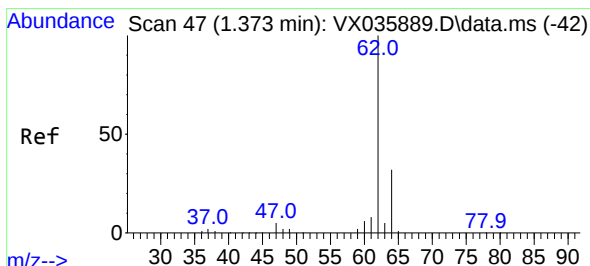
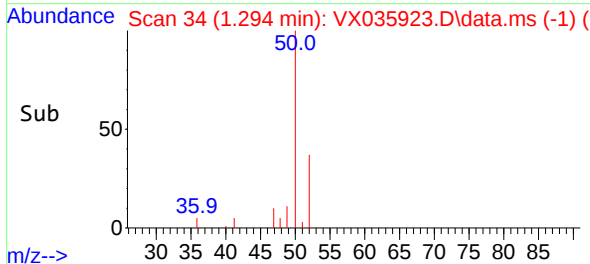
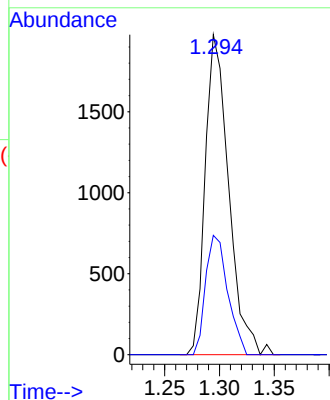
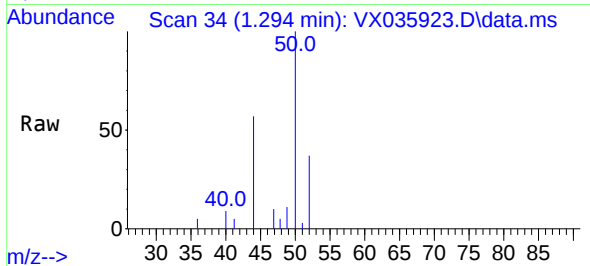




#3  
Chloromethane  
Concen: 1.103 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

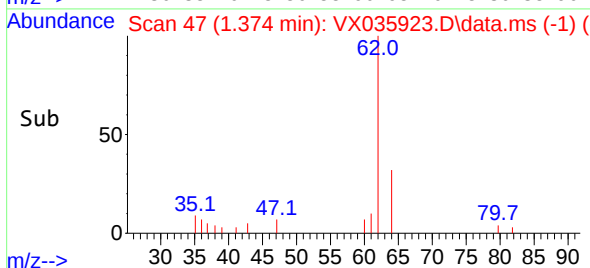
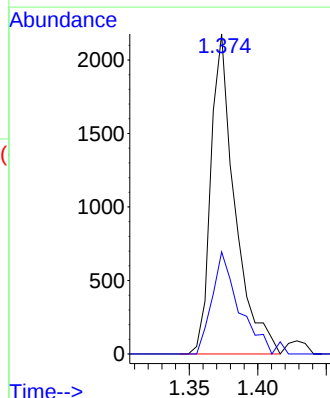
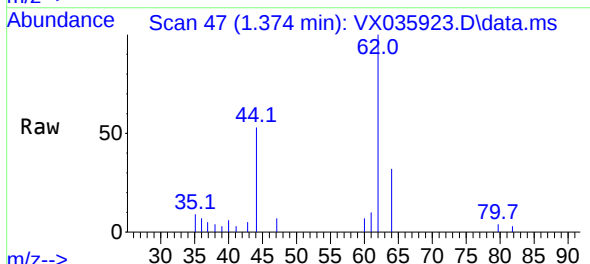
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 50 Resp: 2947  
Ion Ratio Lower Upper  
50 100  
52 37.3 25.4 38.2

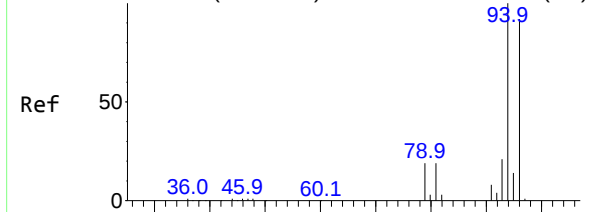


#4  
Vinyl Chloride  
Concen: 1.056 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 62 Resp: 2652  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.2 37.8

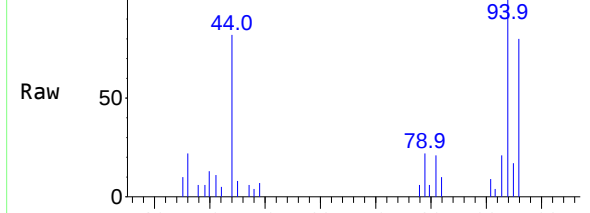


Abundance Scan 87 (1.617 min): VX035889.D\data.ms (-81)



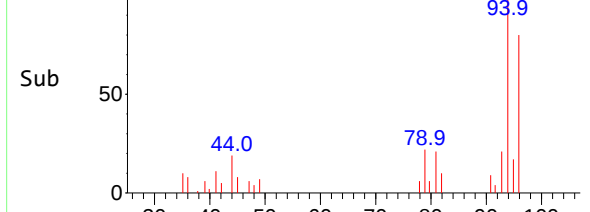
m/z-->

Abundance Scan 86 (1.611 min): VX035923.D\data.ms



m/z-->

Abundance Scan 86 (1.611 min): VX035923.D\data.ms (-38)



m/z-->

#5

Bromomethane

Concen: 1.239 ug/l

RT: 1.611 min Scan# 8

Delta R.T. -0.006 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

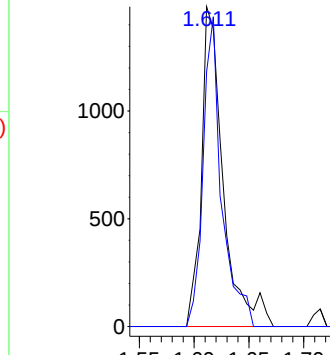
Tgt Ion: 94 Resp: 2048

Ion Ratio Lower Upper

94 100

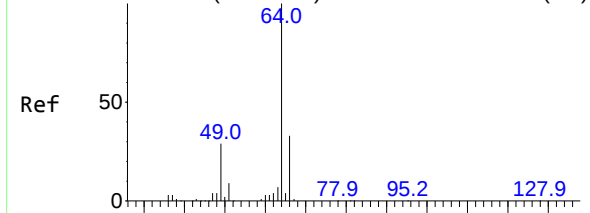
96 79.6 73.5 110.3

Abundance



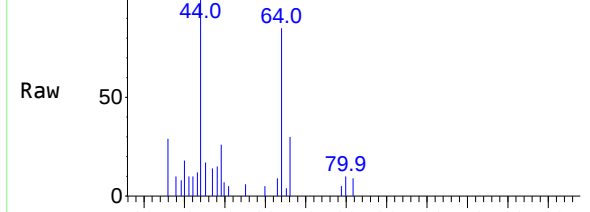
Time-->

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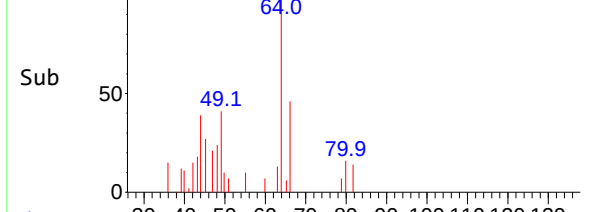
m/z-->

Abundance Scan 99 (1.691 min): VX035923.D\data.ms



m/z-->

Abundance Scan 99 (1.691 min): VX035923.D\data.ms (-50)



m/z-->

#6

Chloroethane

Concen: 1.179 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

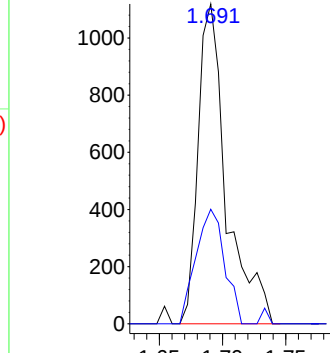
Tgt Ion: 64 Resp: 1743

Ion Ratio Lower Upper

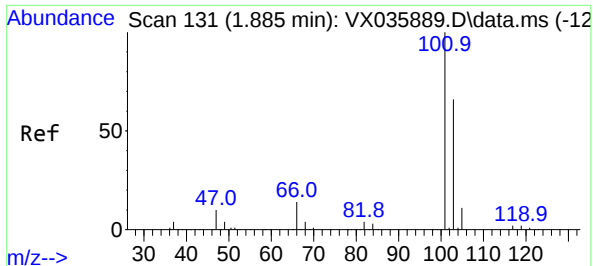
64 100

66 35.8 26.0 39.0

Abundance



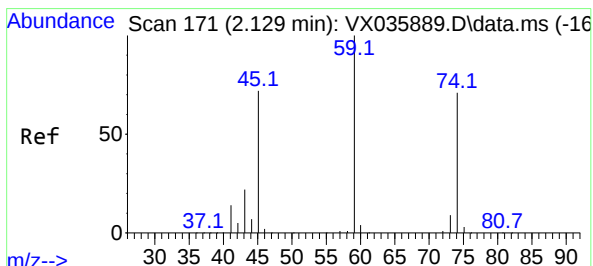
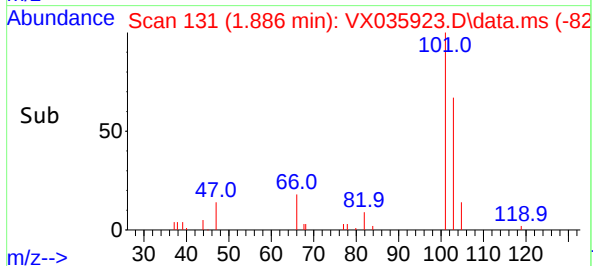
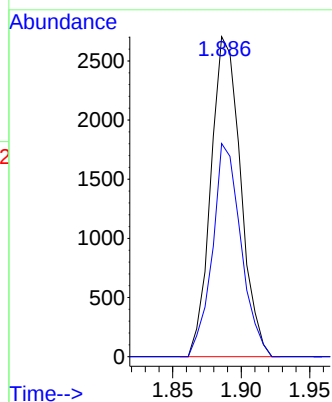
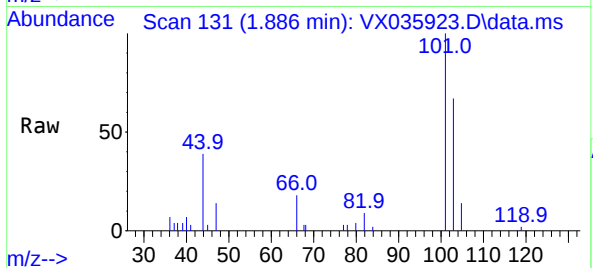
Time-->



#7  
Trichlorofluoromethane  
Concen: 1.154 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

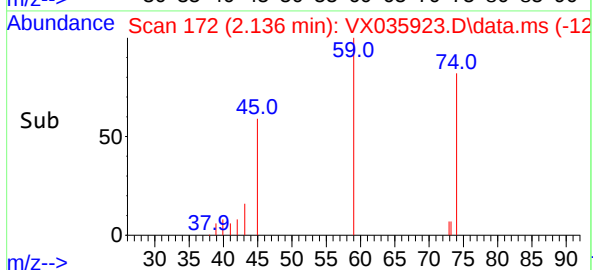
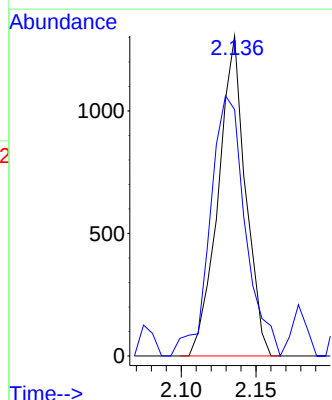
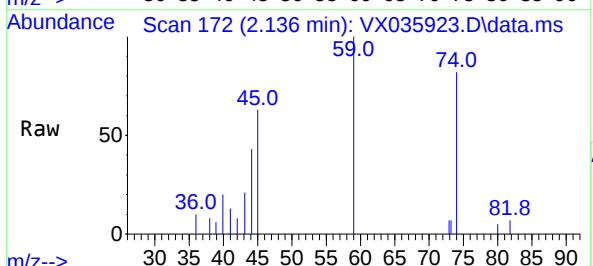
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

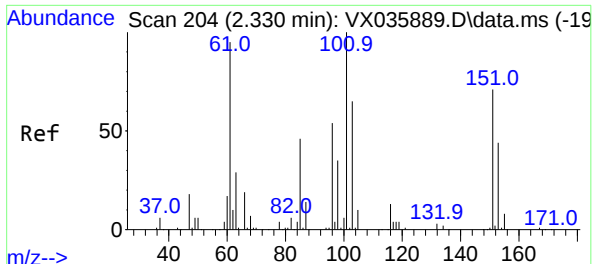
Tgt Ion:101 Resp: 4078  
Ion Ratio Lower Upper  
101 100  
103 66.6 53.2 79.8



#8  
Diethyl Ether  
Concen: 1.082 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.007 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 74 Resp: 1660  
Ion Ratio Lower Upper  
74 100  
45 104.6 50.6 151.9

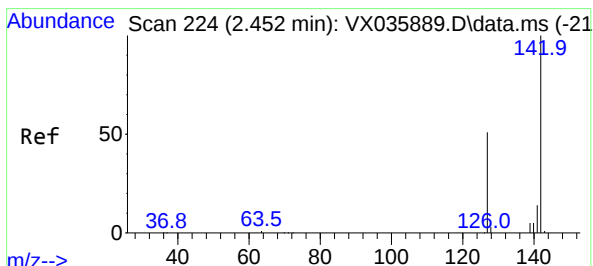
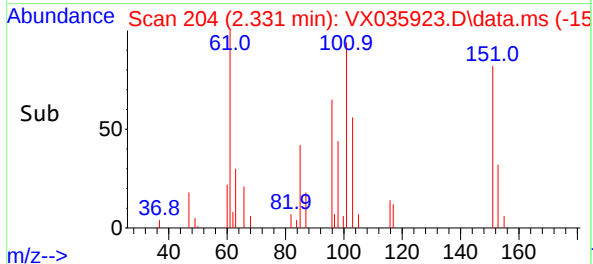
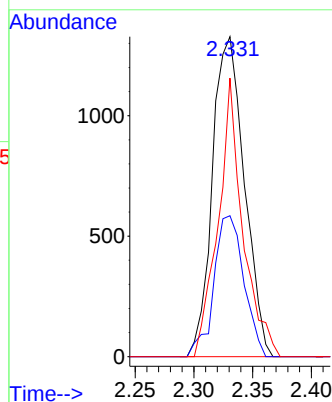
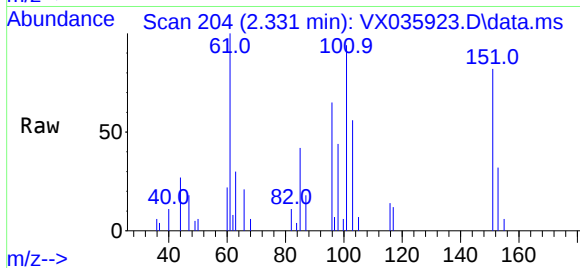




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.146 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

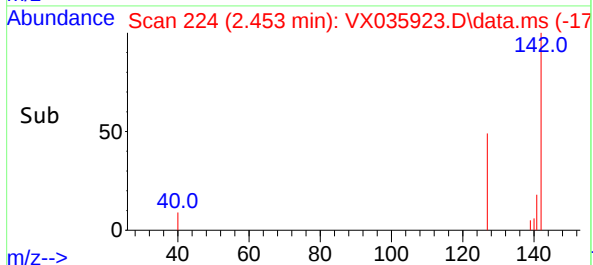
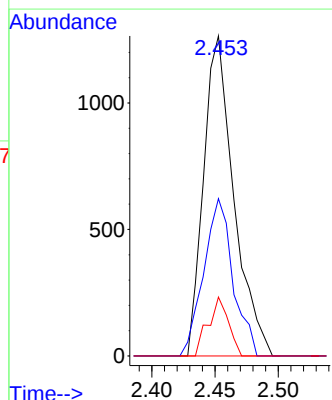
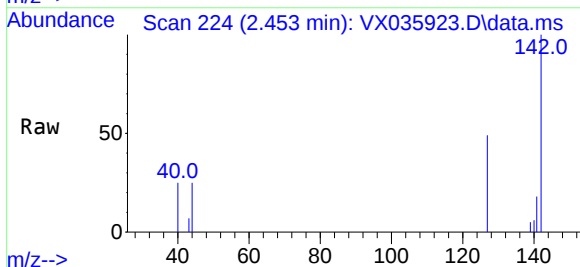
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

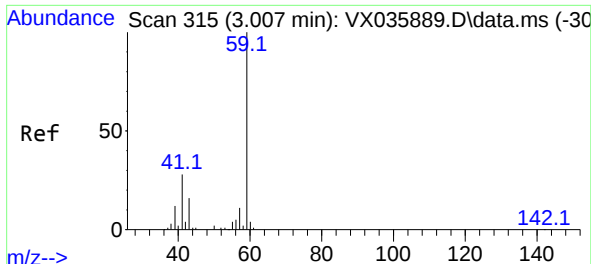
Tgt Ion:101 Resp: 2512  
Ion Ratio Lower Upper  
101 100  
85 41.3 37.3 55.9  
151 67.2 57.0 85.6



#10  
Methyl Iodide  
Concen: 0.814 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:142 Resp: 2102  
Ion Ratio Lower Upper  
142 100  
127 47.5 40.3 60.5  
141 12.3 11.4 17.0

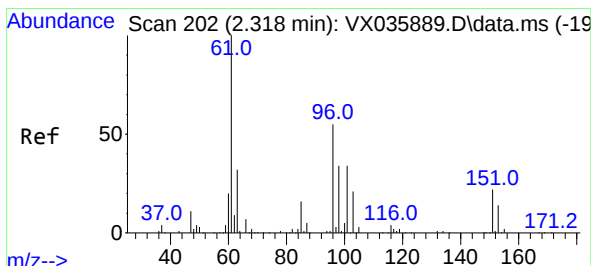
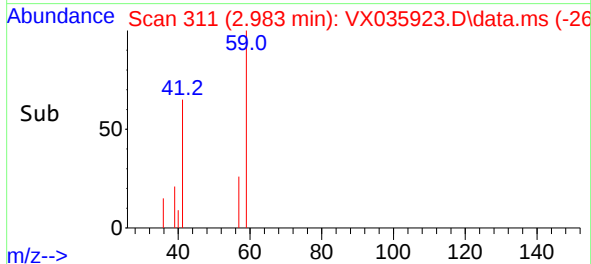
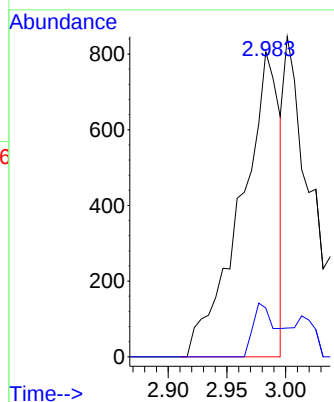
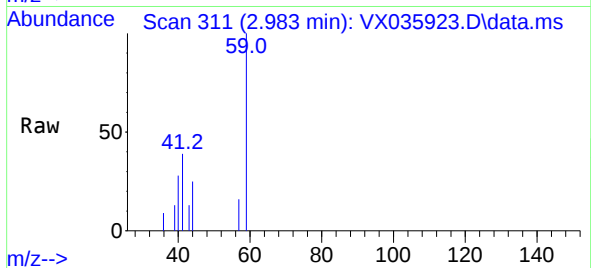




#11  
Tert butyl alcohol  
Concen: 2.993 ug/l  
RT: 2.983 min Scan# 311  
Delta R.T. -0.024 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

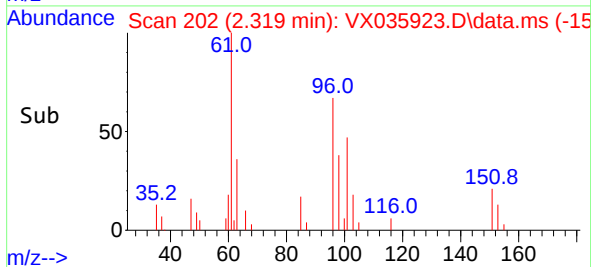
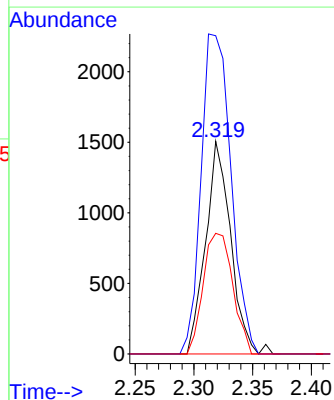
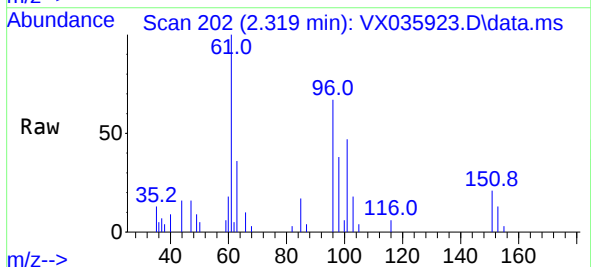
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

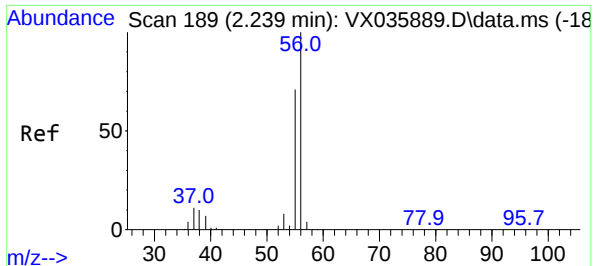
Tgt Ion: 59 Resp: 1847  
Ion Ratio Lower Upper  
59 100  
57 9.7 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 1.046 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 96 Resp: 2246  
Ion Ratio Lower Upper  
96 100  
61 149.6 145.2 217.8  
98 56.7 49.3 73.9

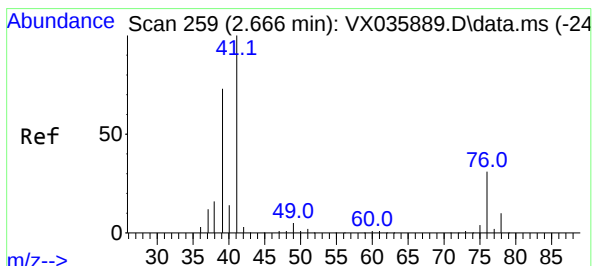
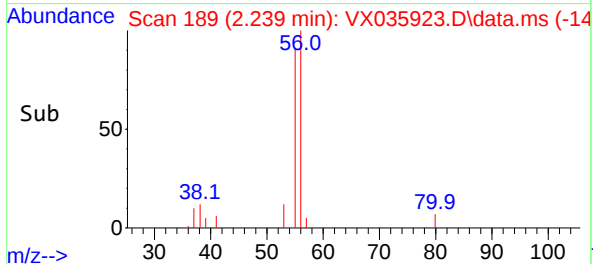
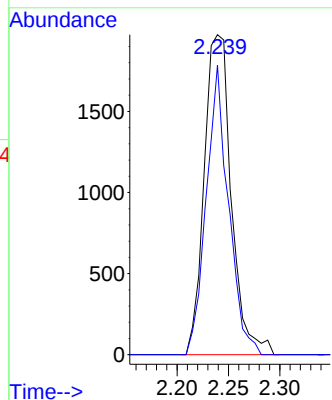
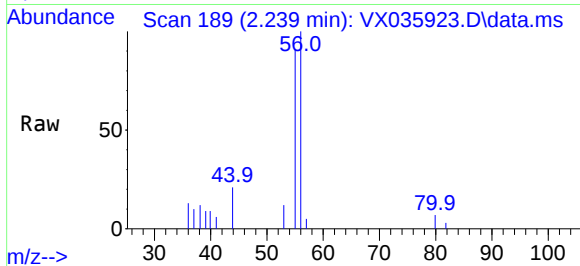




#13  
Acrolein  
Concen: 6.099 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

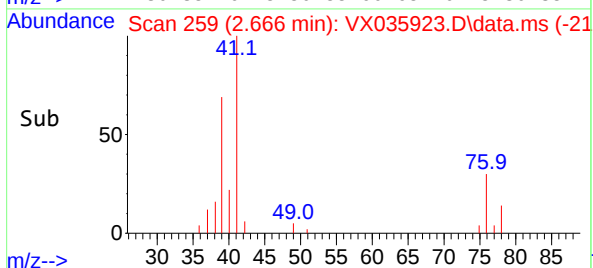
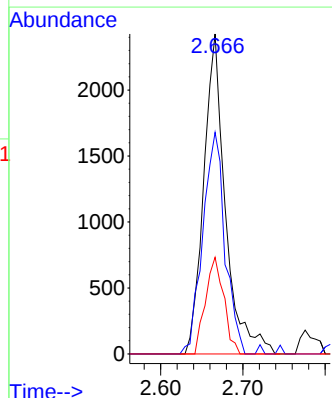
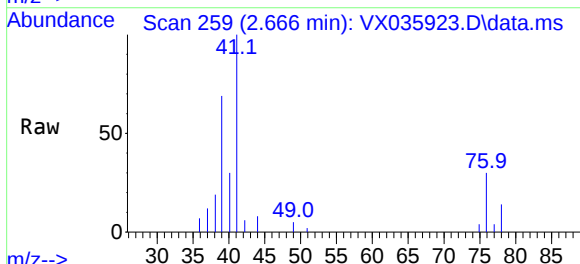
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

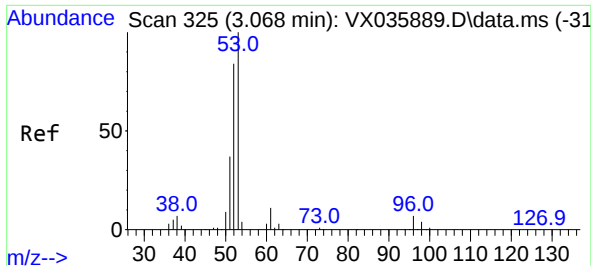
Tgt Ion: 56 Resp: 3626  
Ion Ratio Lower Upper  
56 100  
55 74.3 57.3 85.9



#14  
Allyl chloride  
Concen: 1.008 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 41 Resp: 4447  
Ion Ratio Lower Upper  
41 100  
39 70.7 56.9 85.3  
76 25.5 24.1 36.1



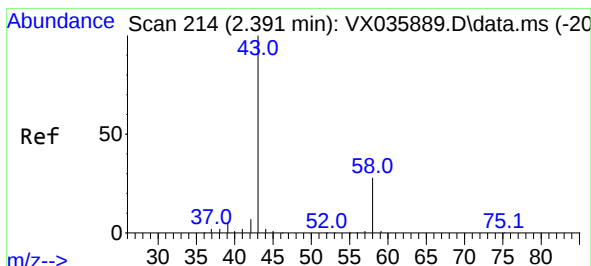
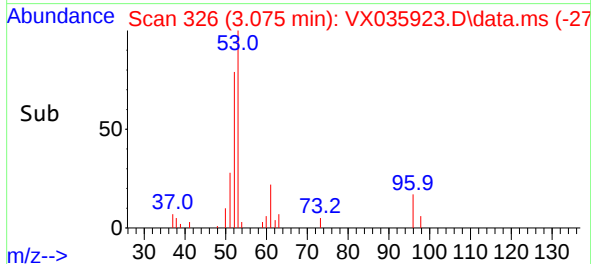
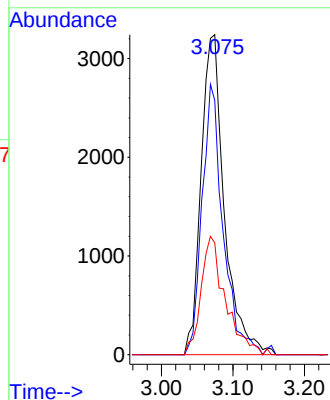
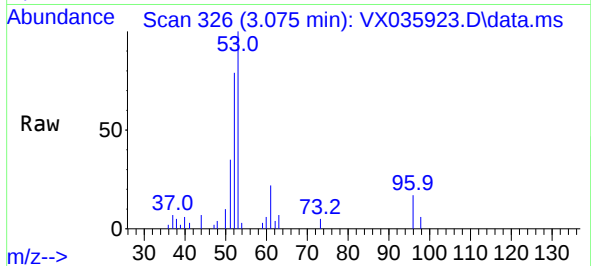


#15  
Acrylonitrile  
Concen: 5.054 ug/l  
RT: 3.075 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 53 Resp: 7329

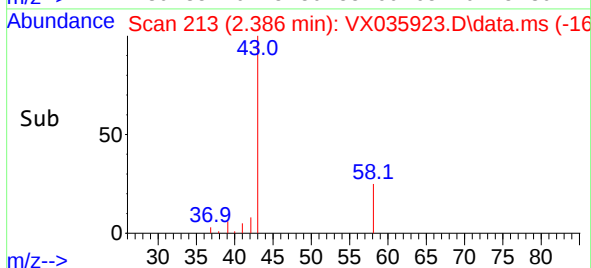
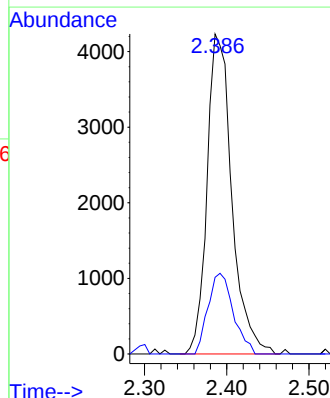
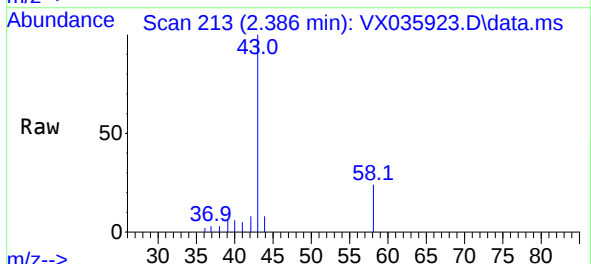
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 76.1  | 67.0  | 100.4 |
| 51  | 38.8  | 29.8  | 44.8  |

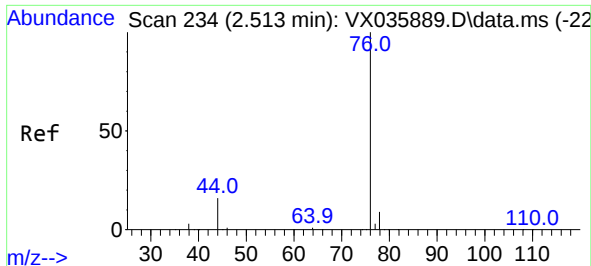


#16  
Acetone  
Concen: 6.162 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.005 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 43 Resp: 8835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 23.9  | 22.2  | 33.2  |





#17

Carbon Disulfide

Concen: 1.074 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

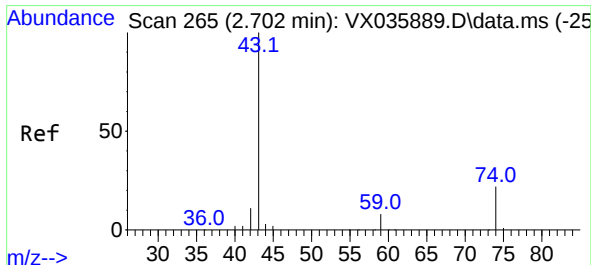
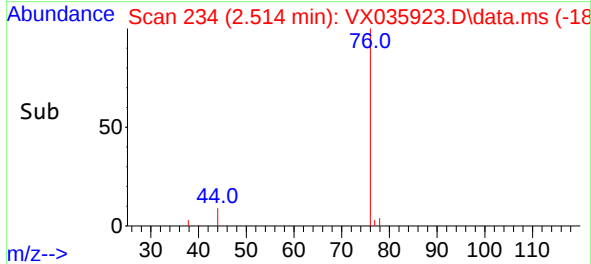
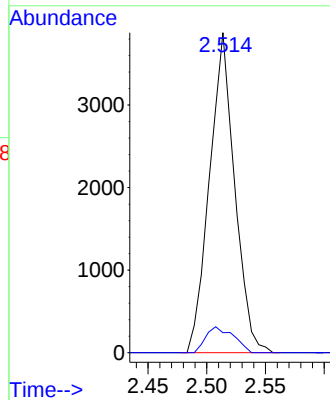
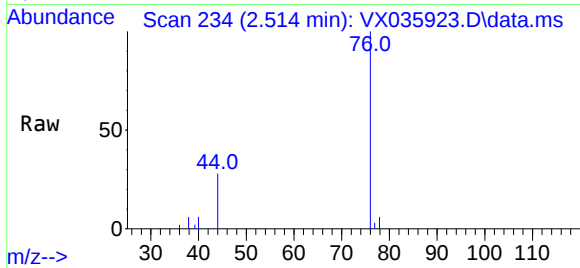
VSTDICC001

Tgt Ion: 76 Resp: 5780

Ion Ratio Lower Upper

76 100

78 6.2 7.6 11.4#



#18

Methyl Acetate

Concen: 0.969 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.001 min

Lab File: VX035923.D

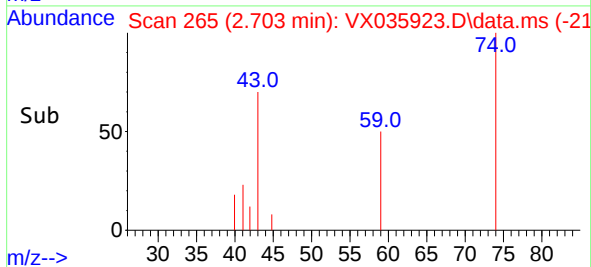
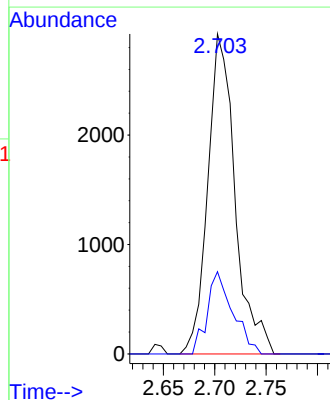
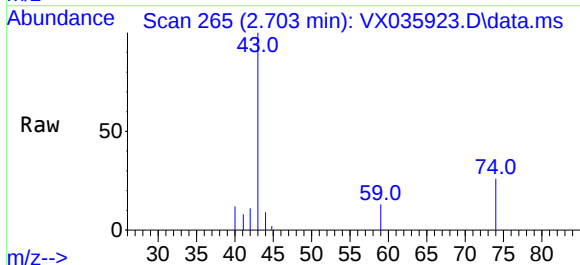
Acq: 31 May 2023 09:39

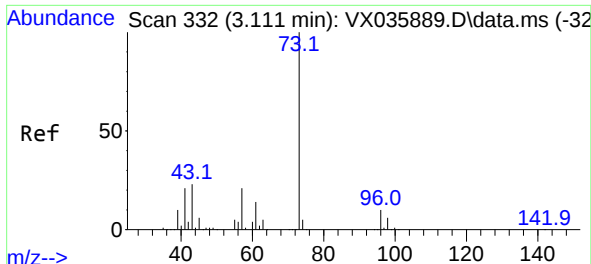
Tgt Ion: 43 Resp: 5399

Ion Ratio Lower Upper

43 100

74 24.2 17.7 26.5

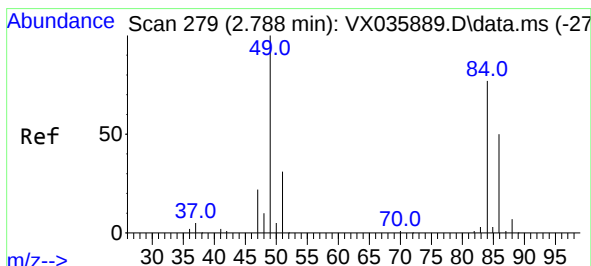
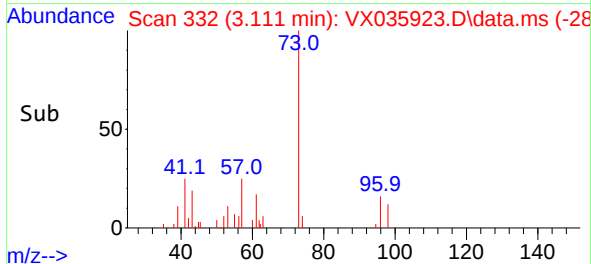
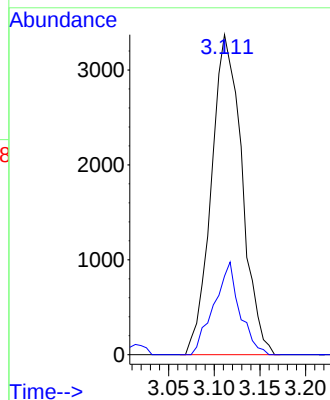
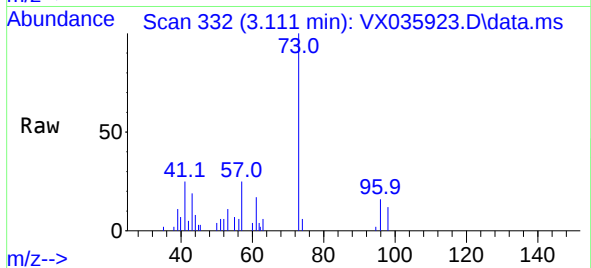




#19  
Methyl tert-butyl Ether  
Concen: 0.933 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

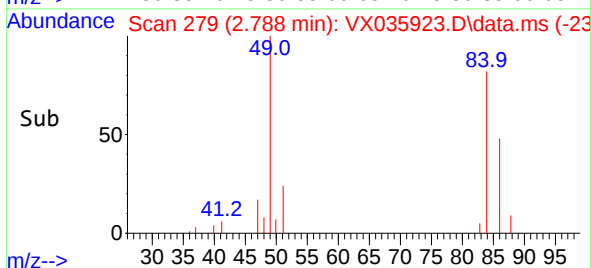
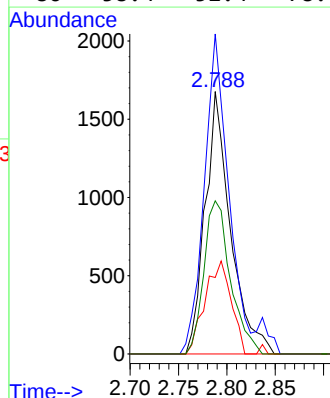
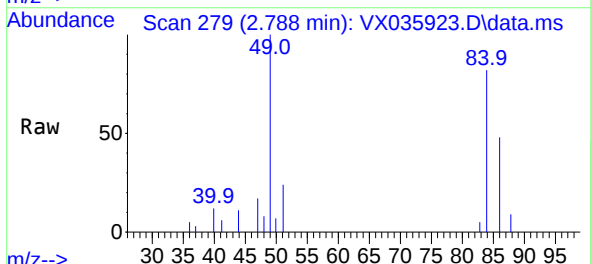
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

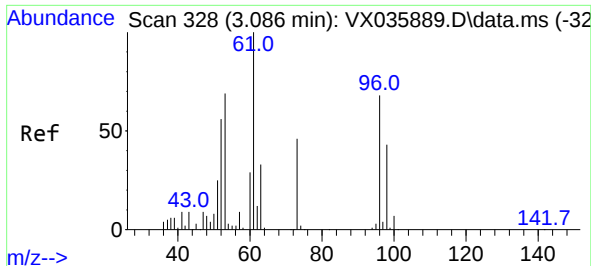
Tgt Ion: 73 Resp: 7843  
Ion Ratio Lower Upper  
73 100  
57 24.6 17.6 26.4



#20  
Methylene Chloride  
Concen: 1.110 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 84 Resp: 3065  
Ion Ratio Lower Upper  
84 100  
49 121.9 104.6 156.8  
51 29.2 32.2 48.4#  
86 58.4 52.4 78.6

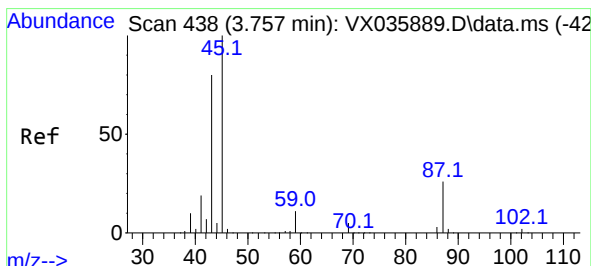
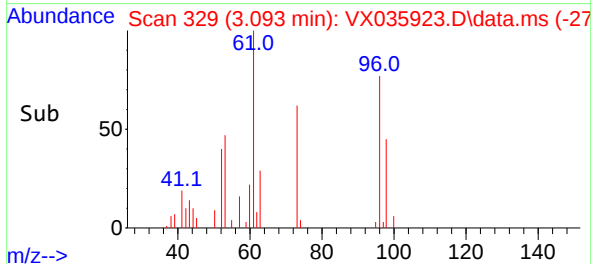
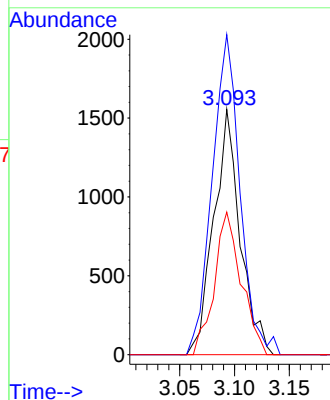
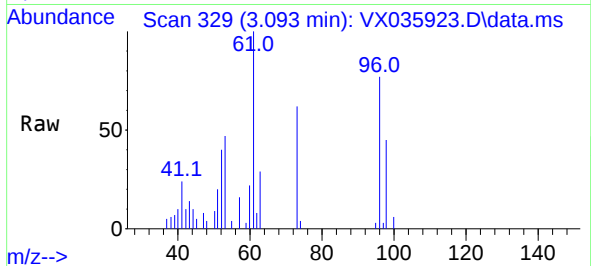




#21  
trans-1,2-Dichloroethene  
Concen: 1.062 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

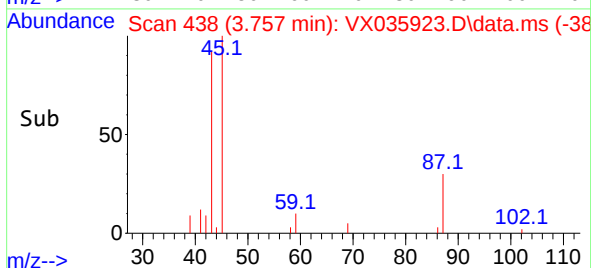
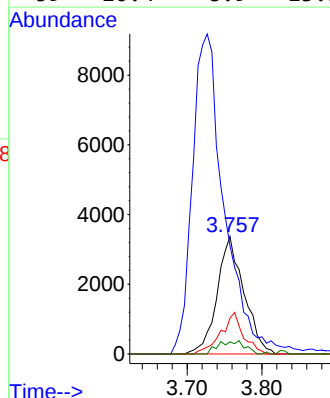
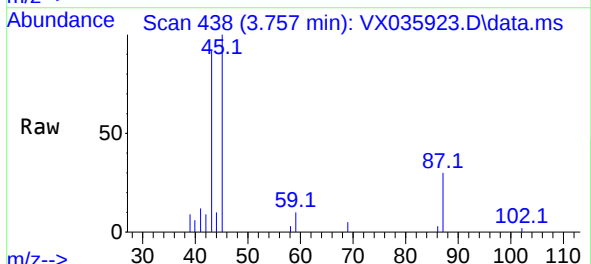
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

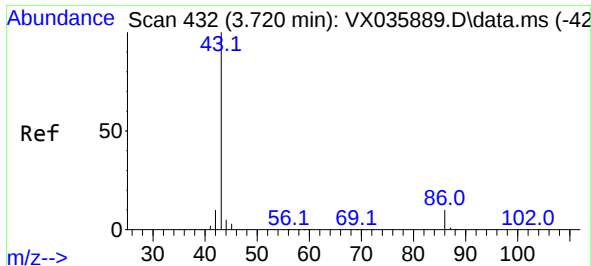
Tgt Ion: 96 Resp: 2607  
Ion Ratio Lower Upper  
96 100  
61 130.5 118.2 177.4  
98 58.1 50.6 75.8



#22  
Diisopropyl ether  
Concen: 0.980 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 45 Resp: 8414  
Ion Ratio Lower Upper  
45 100  
43 85.8 63.8 95.6  
87 30.4 20.6 31.0  
59 10.4 8.9 13.3

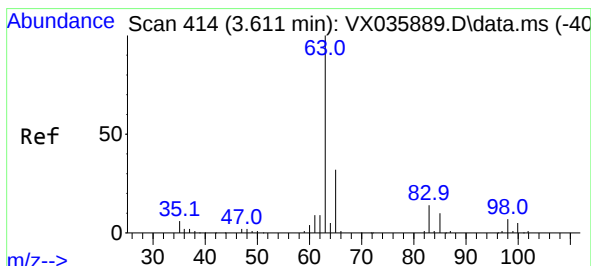
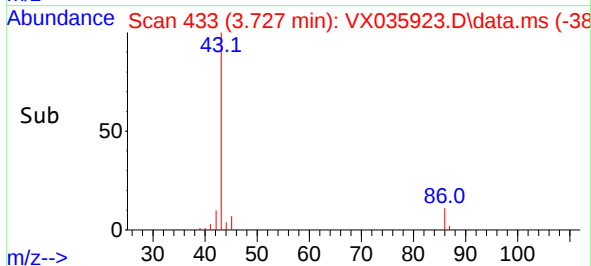
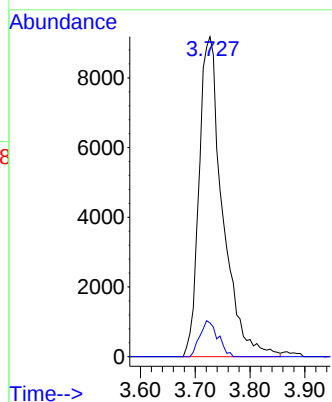
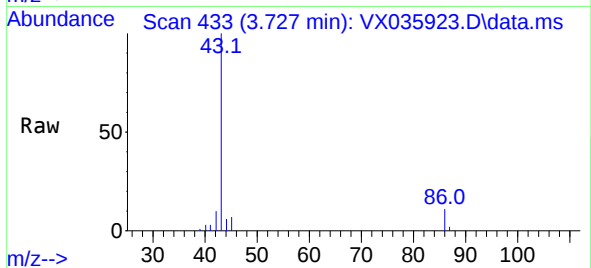




#23  
 Vinyl Acetate  
 Concen: 4.534 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.007 min  
 Lab File: VX035923.D  
 Acq: 31 May 2023 09:39

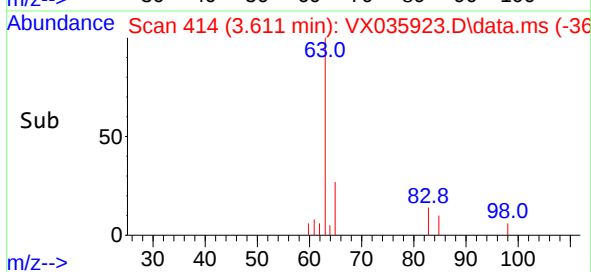
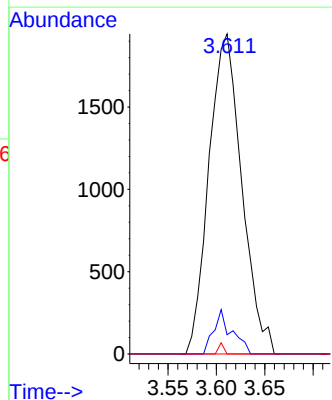
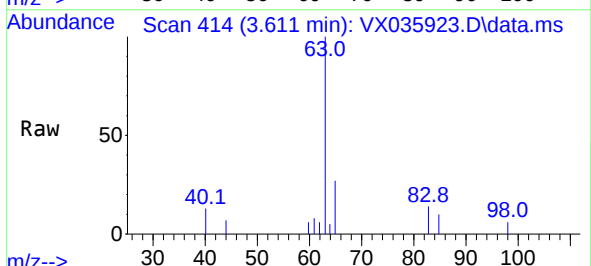
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

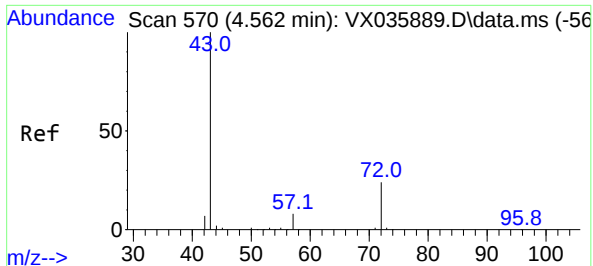
Tgt Ion: 43 Resp: 27348  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 7.8 11.6



#24  
 1,1-Dichloroethane  
 Concen: 0.965 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX035923.D  
 Acq: 31 May 2023 09:39

Tgt Ion: 63 Resp: 4593  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.5 10.5  
 100 0.0 2.3 6.9#

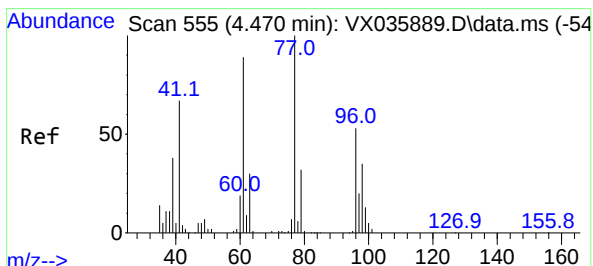
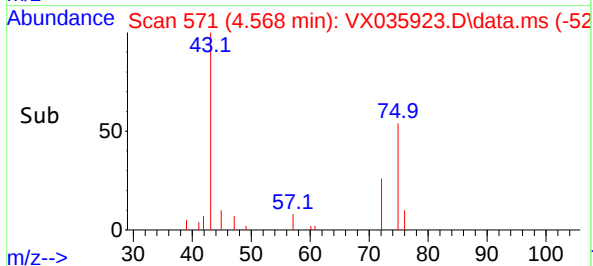
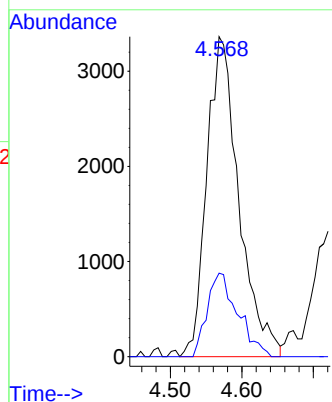
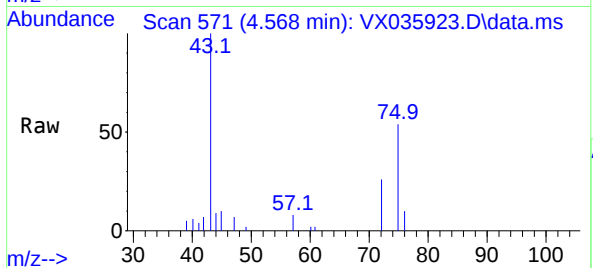




#25  
2-Butanone  
Concen: 5.102 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

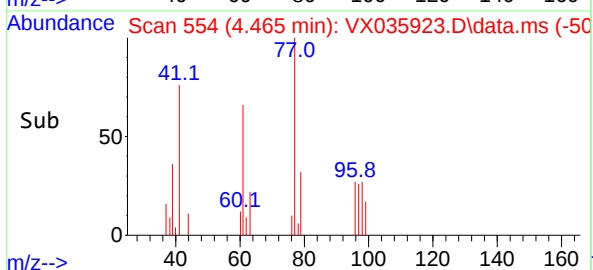
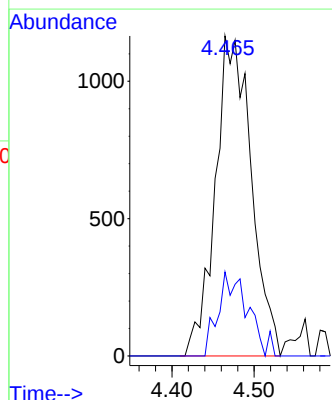
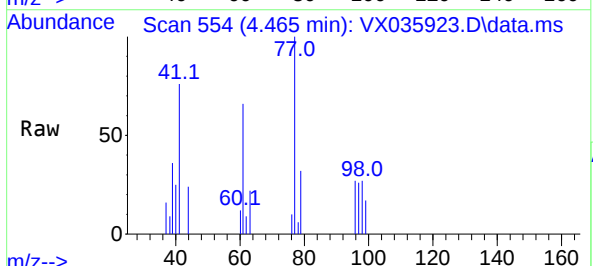
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

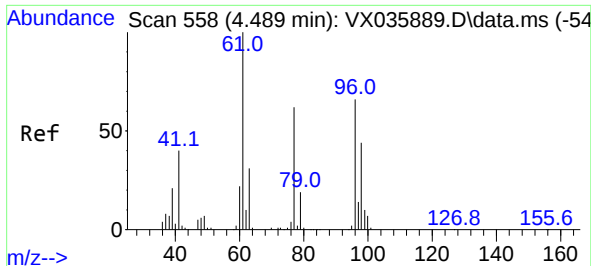
Tgt Ion: 43 Resp: 10470  
Ion Ratio Lower Upper  
43 100  
72 26.1 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 0.977 ug/l  
RT: 4.465 min Scan# 554  
Delta R.T. -0.005 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 77 Resp: 3545  
Ion Ratio Lower Upper  
77 100  
97 20.7 10.5 31.6



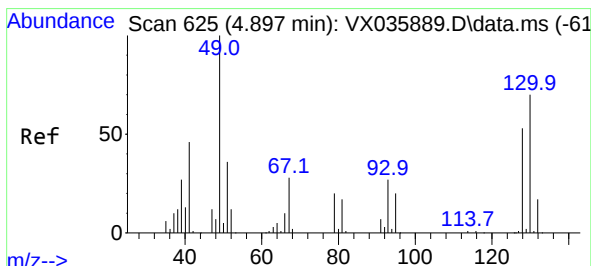
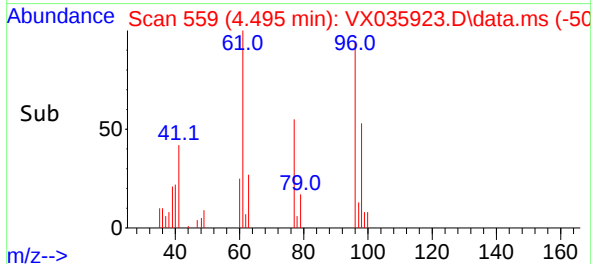
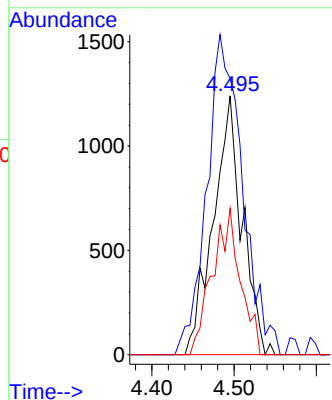
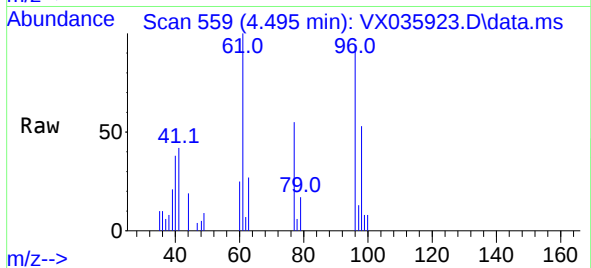


#27  
cis-1,2-Dichloroethene  
Concen: 1.033 ug/l  
RT: 4.495 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 96 Resp: 3042

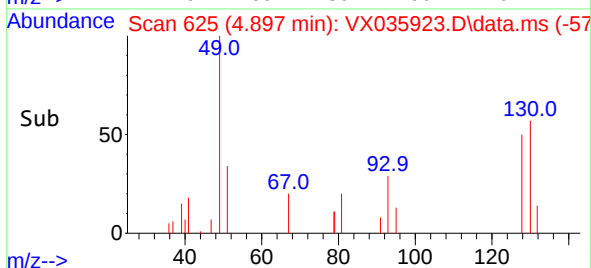
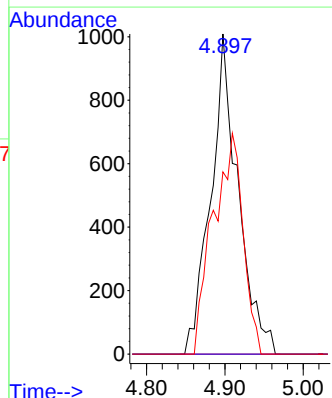
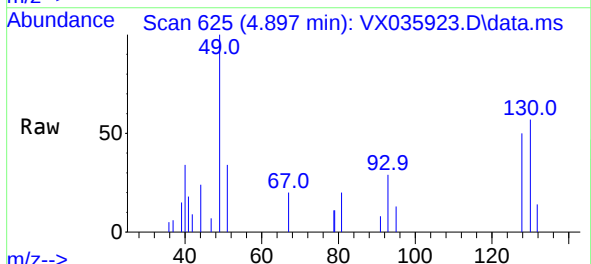
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.9 | 0.0   | 312.6 |
| 98  | 54.5  | 0.0   | 130.0 |

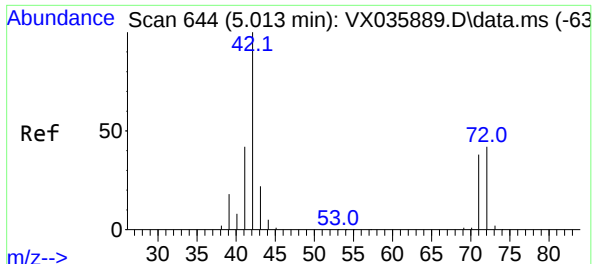


#28  
Bromochloromethane  
Concen: 0.983 ug/l  
RT: 4.897 min Scan# 625  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 49 Resp: 2451

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.6   |
| 130 | 75.1  | 55.8  | 83.8  |

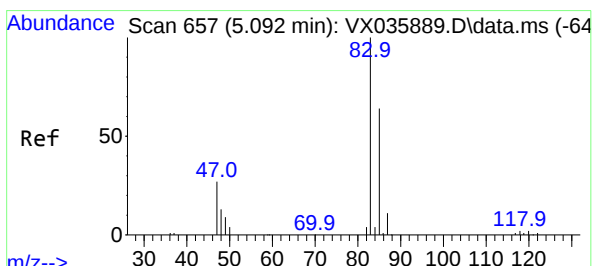
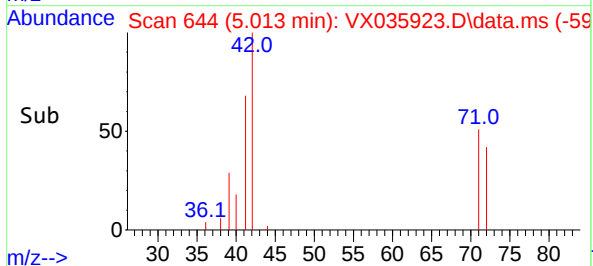
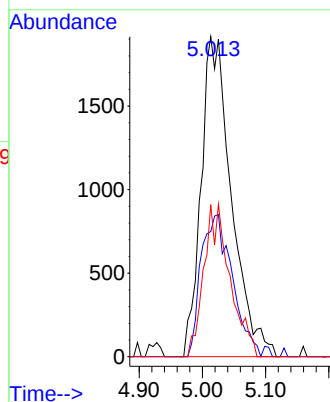
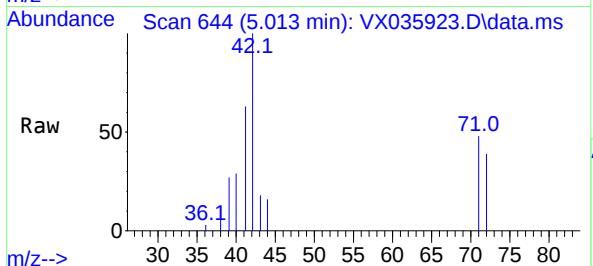




#29  
Tetrahydrofuran  
Concen: 4.842 ug/l  
RT: 5.013 min Scan# 644  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

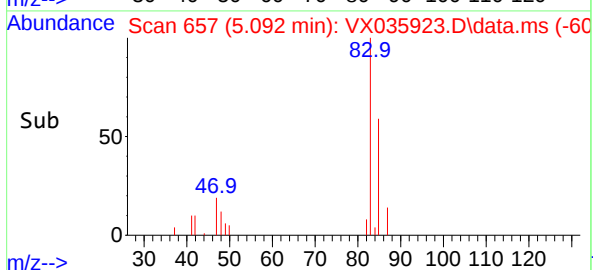
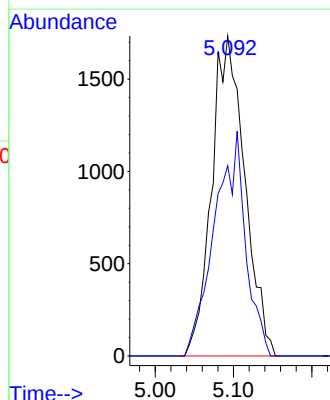
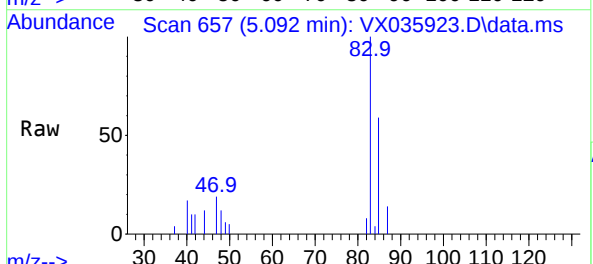
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

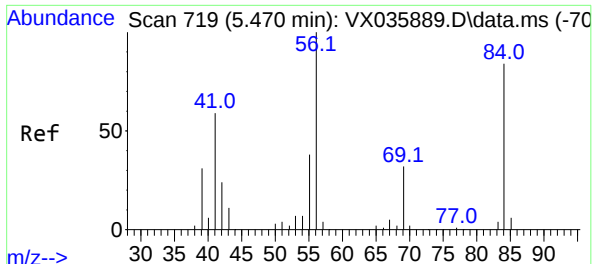
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 6403  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 45.4  | 34.2  | 51.2  |
| 71       | 40.9  | 31.8  | 47.8  |



#30  
Chloroform  
Concen: 1.039 ug/l  
RT: 5.092 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 5094  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 59.5  | 51.0  | 76.4  |



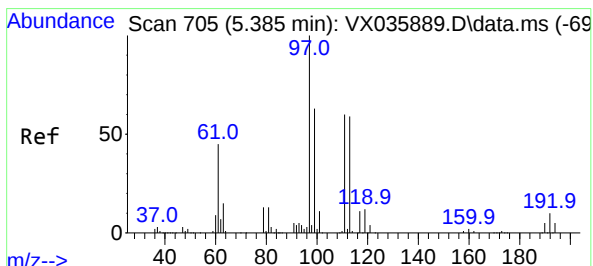
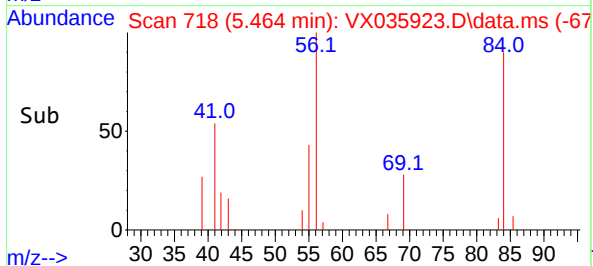
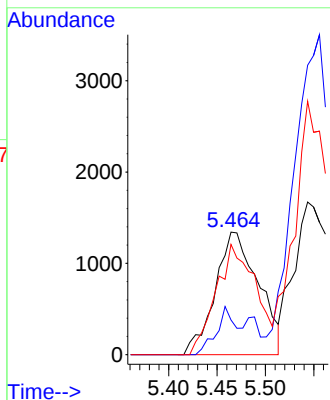
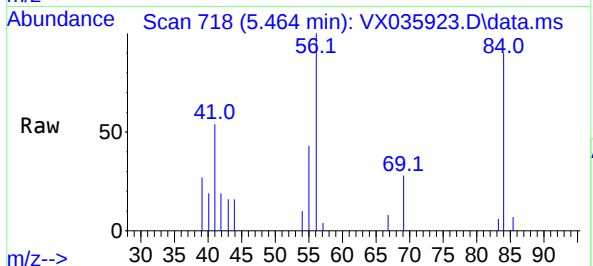


#31  
Cyclohexane  
Concen: 1.146 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 56 Resp: 4169

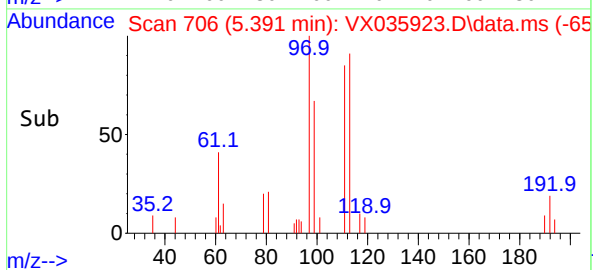
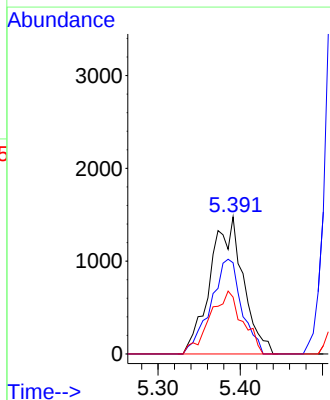
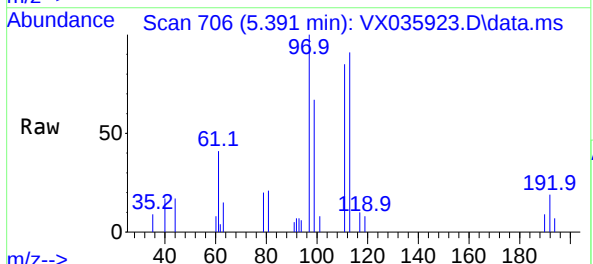
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 28.4  | 25.9  | 38.9  |
| 84  | 89.9  | 67.6  | 101.4 |

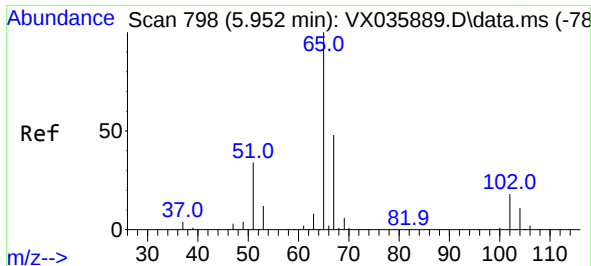


#32  
1,1,1-Trichloroethane  
Concen: 0.993 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 97 Resp: 4116

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 0.0   | 51.2  | 76.8# |
| 61  | 45.5  | 36.9  | 55.3  |

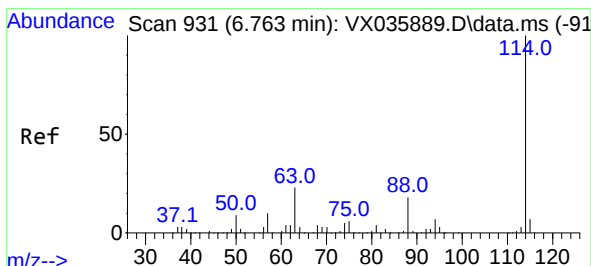
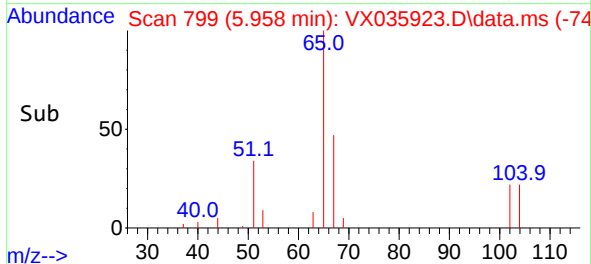
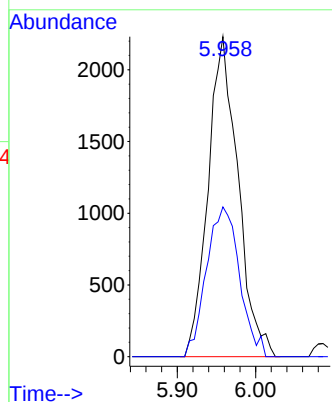
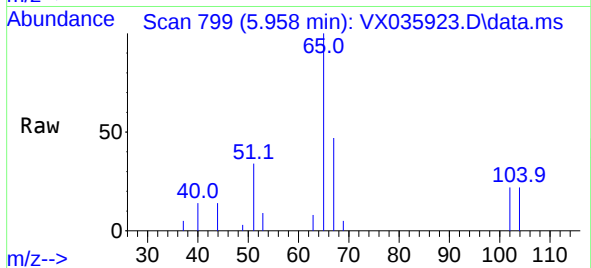




#33  
 1,2-Dichloroethane-d4  
 Concen: 1.704 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX035923.D  
 Acq: 31 May 2023 09:39

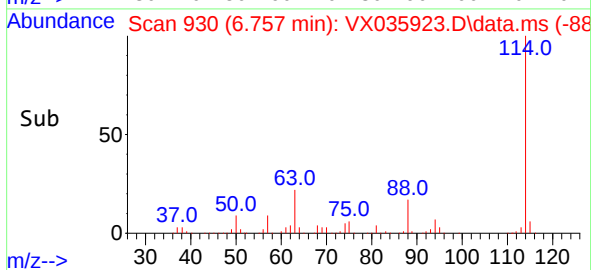
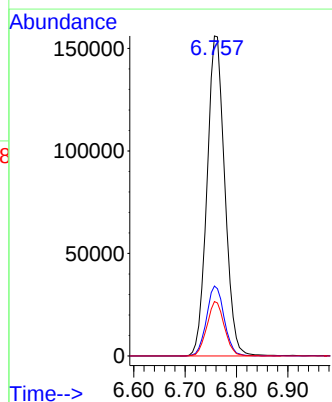
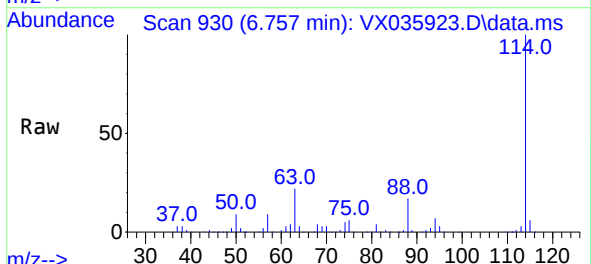
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

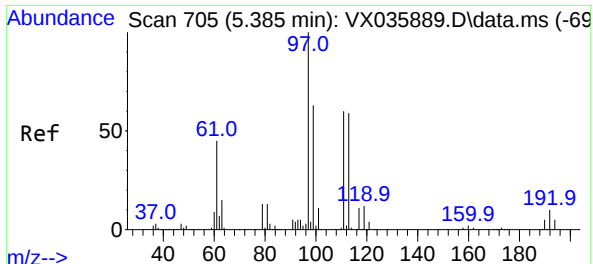
Tgt Ion: 65 Resp: 5922  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 99.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.006 min  
 Lab File: VX035923.D  
 Acq: 31 May 2023 09:39

Tgt Ion: 114 Resp: 374765  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 46.0  
 88 17.0 0.0 35.2

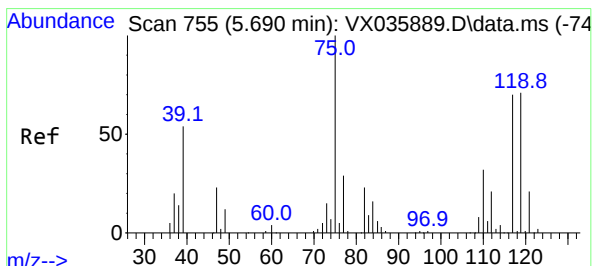
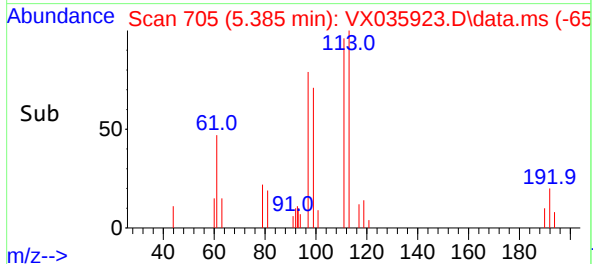
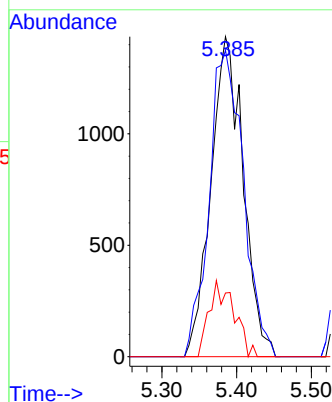
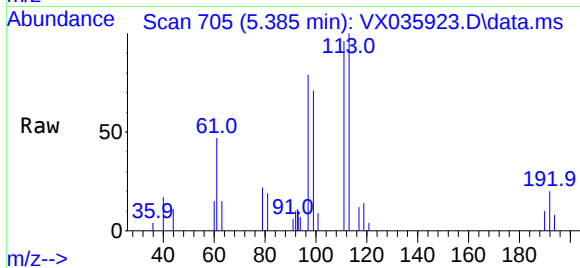




#35  
Dibromofluoromethane  
Concen: 1.708 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

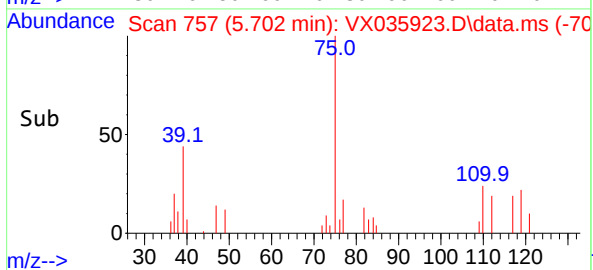
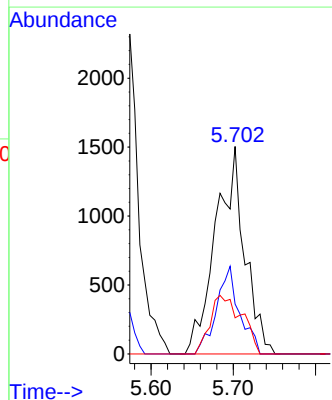
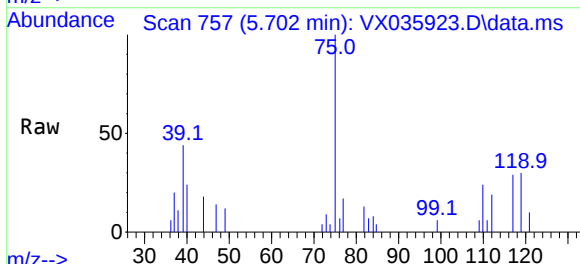
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

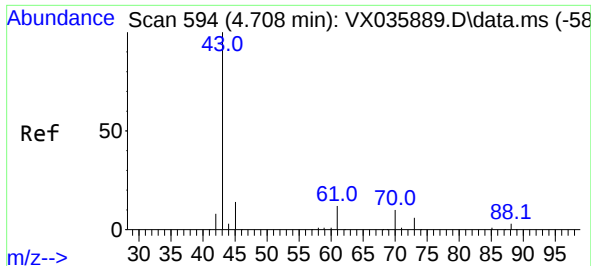
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 4306  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.9 | 81.7  | 122.5 |
| 192      | 18.4  | 13.5  | 20.3  |



#36  
1,1-Dichloropropene  
Concen: 1.103 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.012 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3708  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 33.5  | 16.6  | 49.7  |
| 77       | 30.8  | 24.4  | 36.6  |

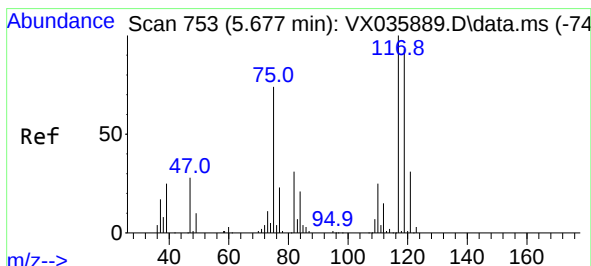
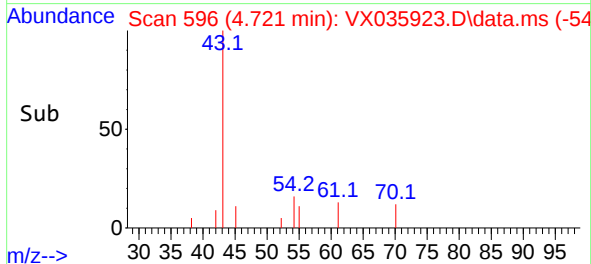
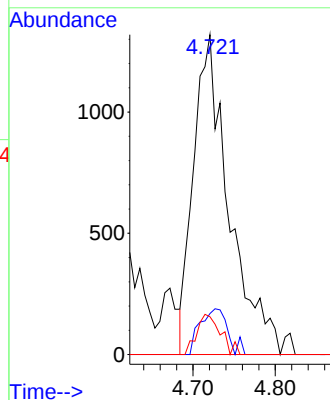
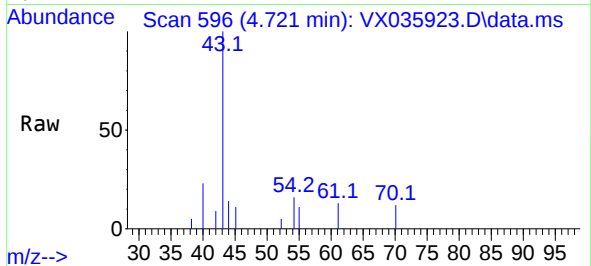




#37  
Ethyl Acetate  
Concen: 1.057 ug/l  
RT: 4.721 min Scan# 594  
Delta R.T. 0.013 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

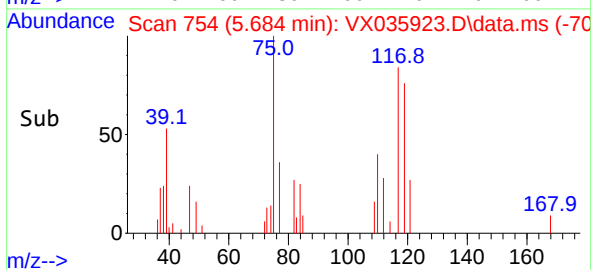
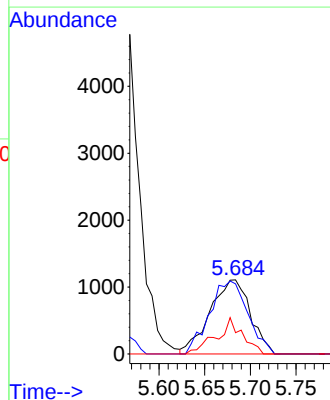
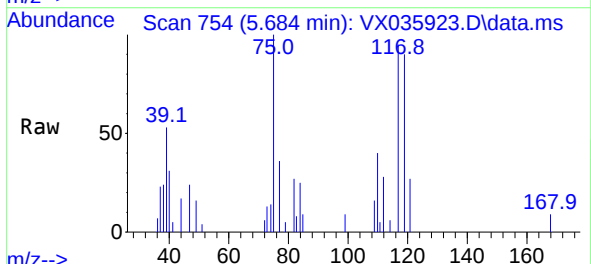
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

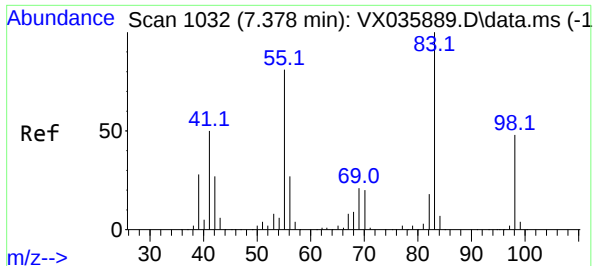
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 3957  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 10.5     | 10.3 15.5   |
| 70 8.5      | 8.3 12.5    |



#38  
Carbon Tetrachloride  
Concen: 1.036 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. 0.007 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 3392  |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 94.6     | 74.1 111.1  |
| 121 28.8     | 25.0 37.4   |





#39

Methylcyclohexane

Concen: 1.108 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.005 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

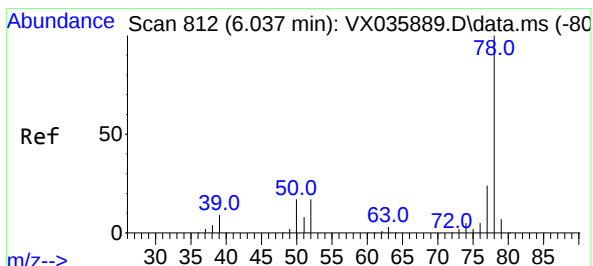
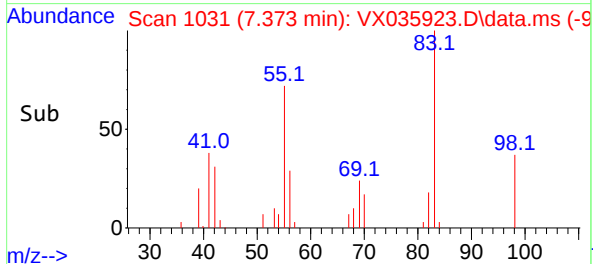
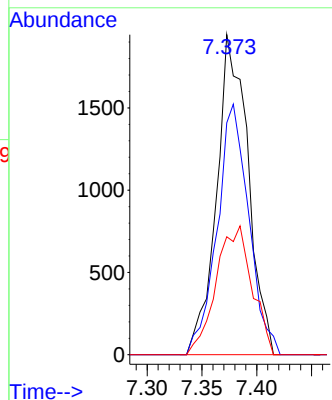
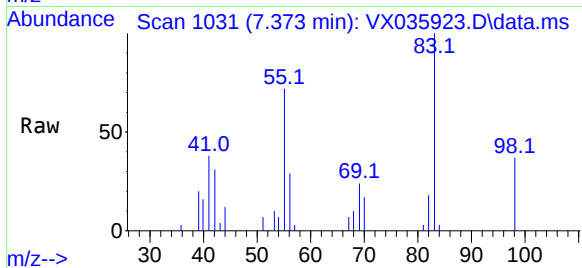
Tgt Ion: 83 Resp: 3886

Ion Ratio Lower Upper

83 100

55 72.4 64.9 97.3

98 36.9 38.1 57.1#



#40

Benzene

Concen: 1.032 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX035923.D

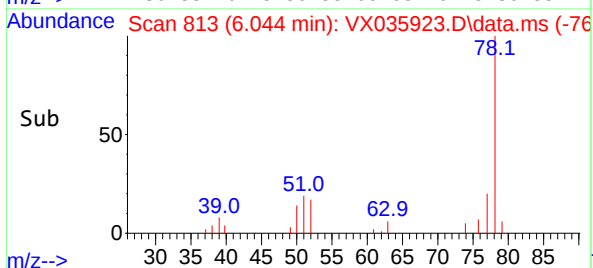
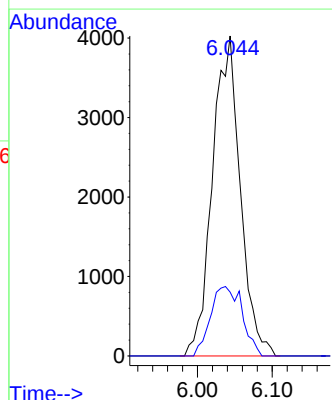
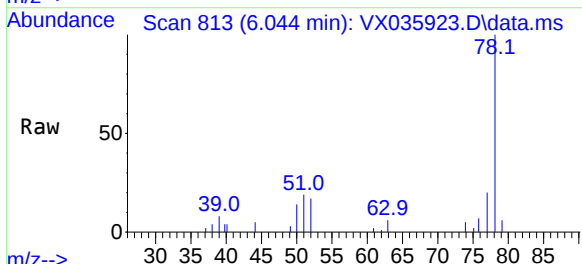
Acq: 31 May 2023 09:39

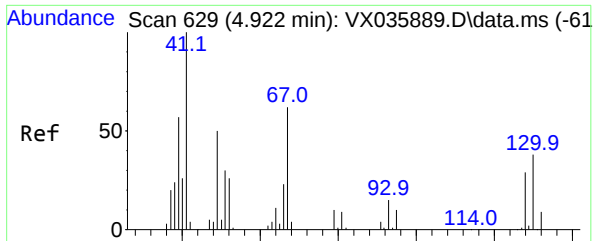
Tgt Ion: 78 Resp: 10411

Ion Ratio Lower Upper

78 100

77 19.9 19.0 28.6

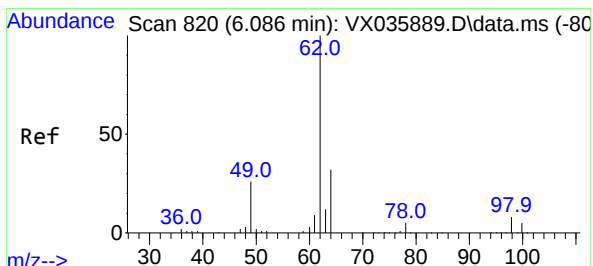
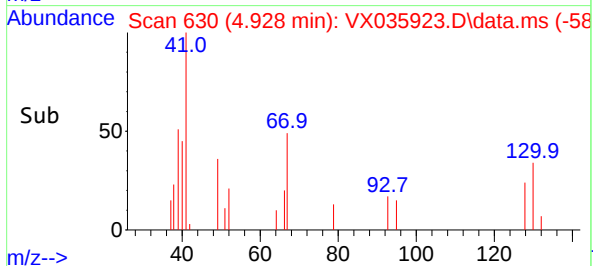
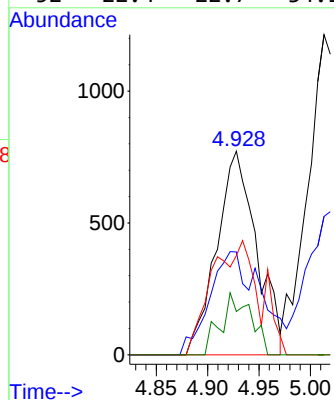
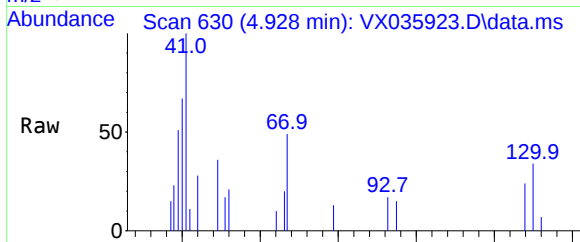




#41  
Methacrylonitrile  
Concen: 0.985 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

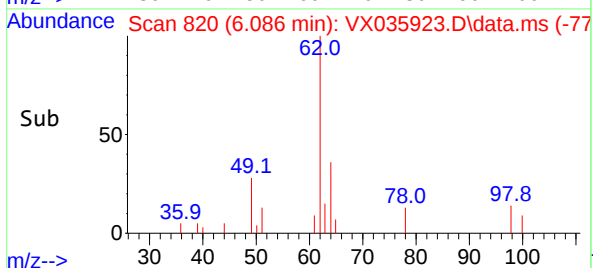
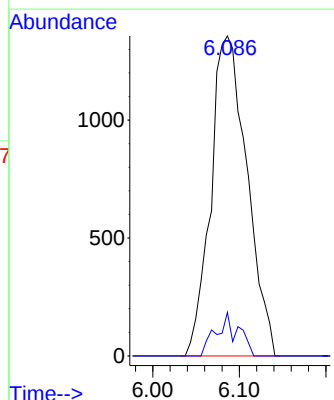
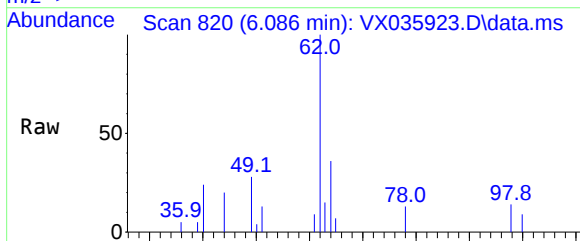
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

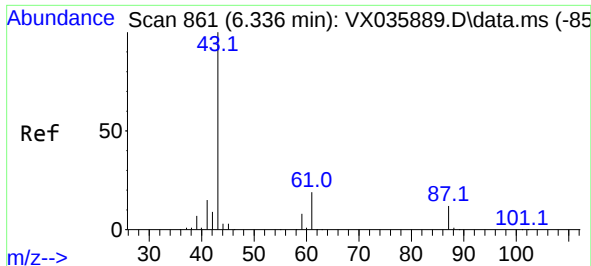
Tgt Ion: 41 Resp: 2091  
Ion Ratio Lower Upper  
41 100  
39 45.1 45.6 68.4#  
67 58.3 51.8 77.6  
52 22.4 22.7 34.1#



#42  
1,2-Dichloroethane  
Concen: 0.986 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 62 Resp: 3937  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.952 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

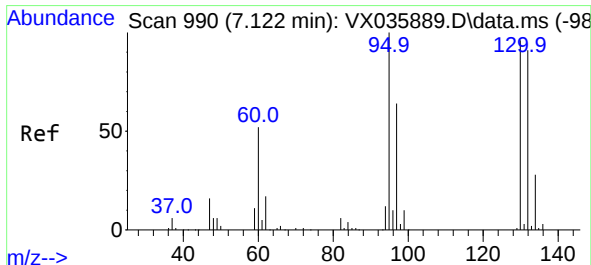
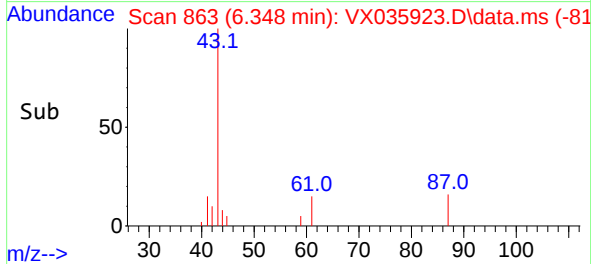
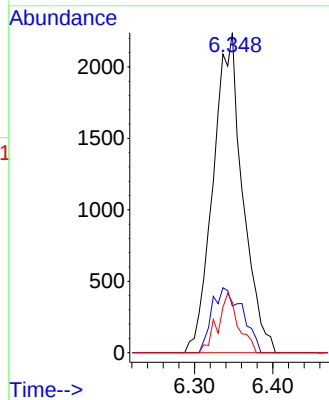
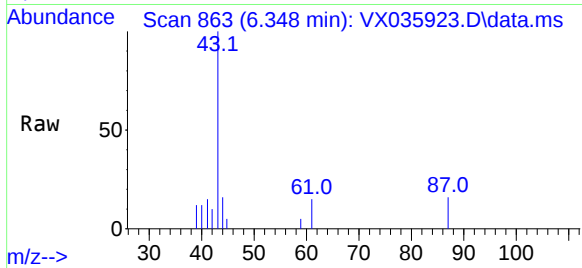
Tgt Ion: 43 Resp: 5860

Ion Ratio Lower Upper

43 100

61 20.9 15.0 22.4

87 13.1 9.9 14.9



#44

Trichloroethene

Concen: 1.077 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.013 min

Lab File: VX035923.D

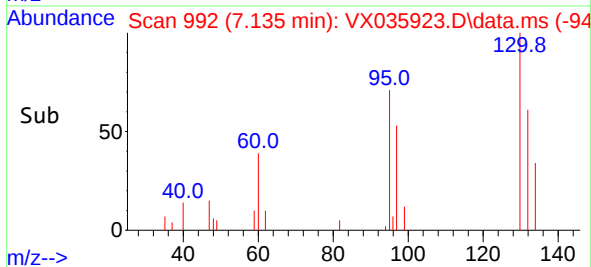
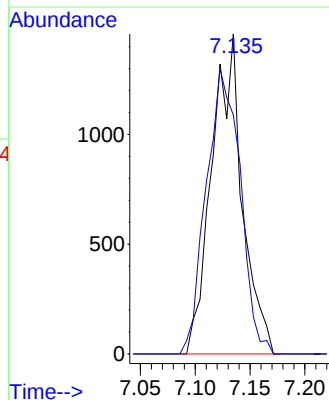
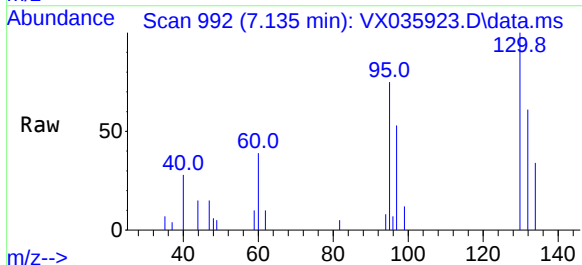
Acq: 31 May 2023 09:39

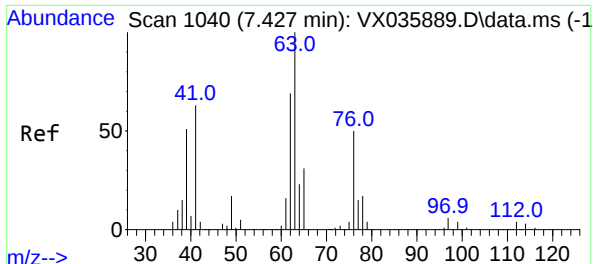
Tgt Ion: 130 Resp: 2818

Ion Ratio Lower Upper

130 100

95 74.7 0.0 207.6





#45

1,2-Dichloropropane

Concen: 1.037 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

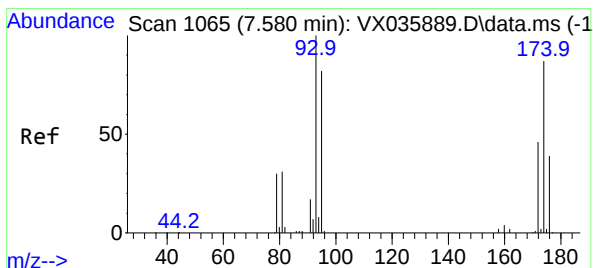
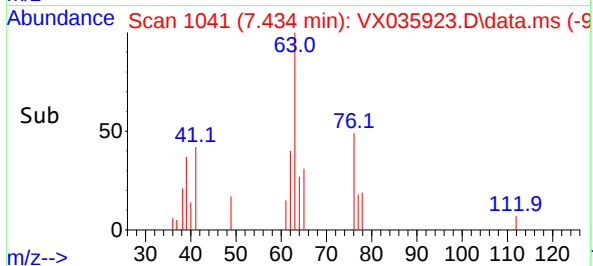
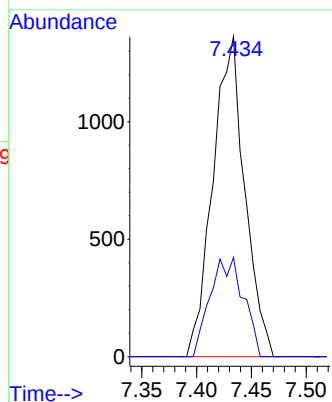
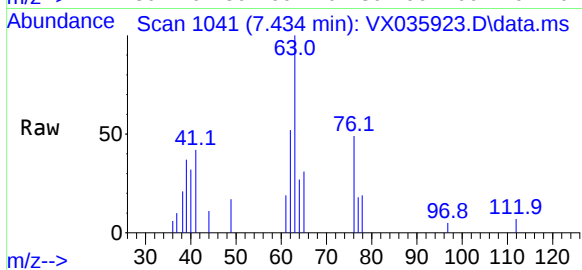
VSTDIC001

Tgt Ion: 63 Resp: 2754

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 1.006 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

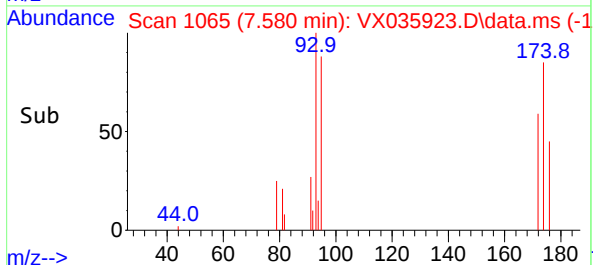
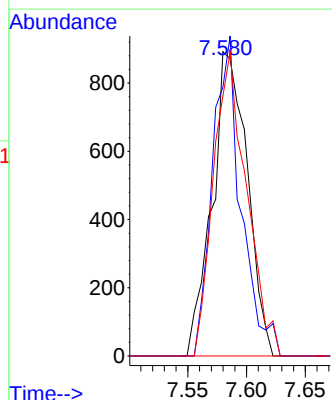
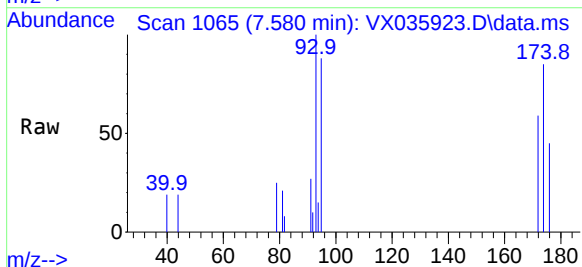
Tgt Ion: 93 Resp: 1855

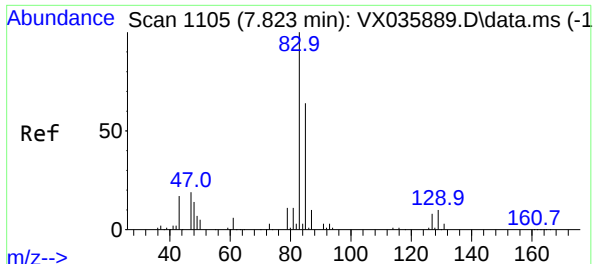
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.2

174 94.0 69.5 104.3

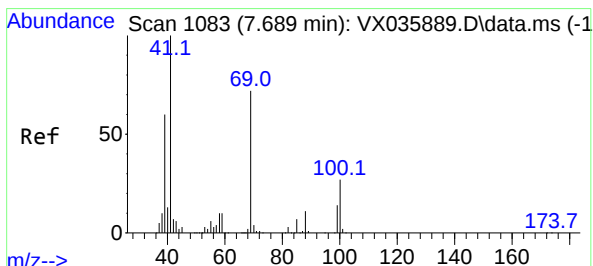
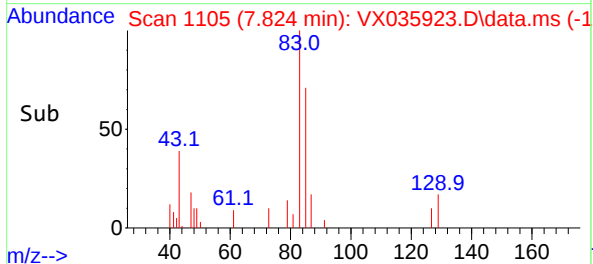
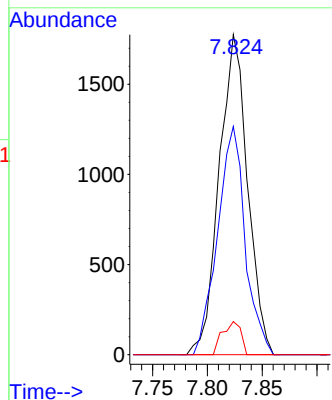
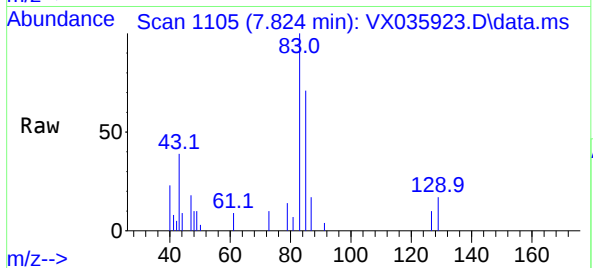




#47  
Bromodichloromethane  
Concen: 0.925 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

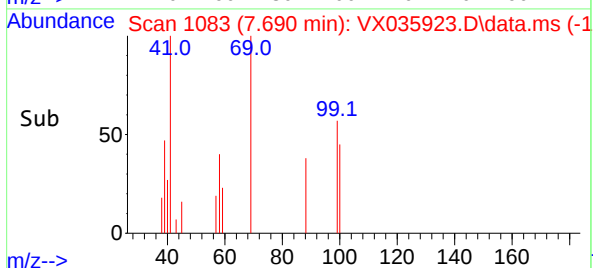
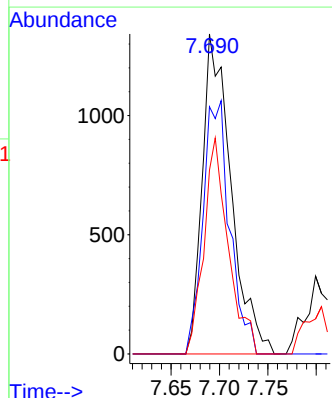
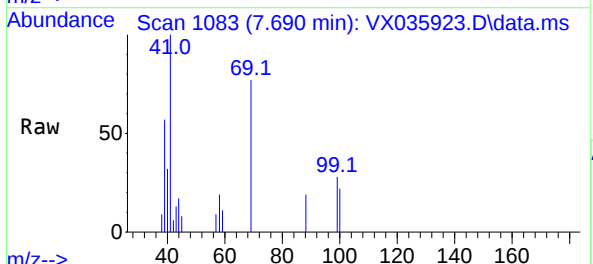
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

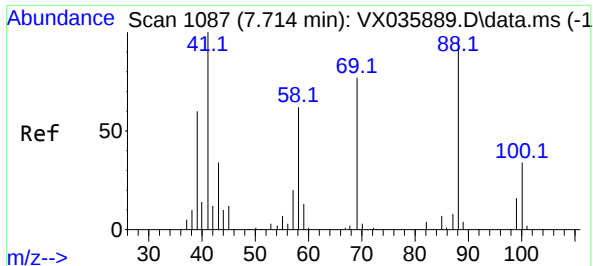
Tgt Ion: 83 Resp: 3208  
Ion Ratio Lower Upper  
83 100  
85 71.3 51.3 76.9  
127 10.4 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 0.919 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 41 Resp: 2774  
Ion Ratio Lower Upper  
41 100  
69 73.9 59.0 88.6  
39 57.4 48.4 72.6

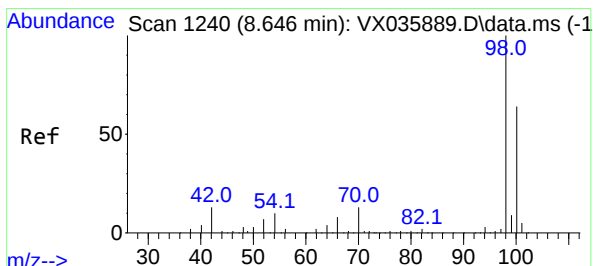
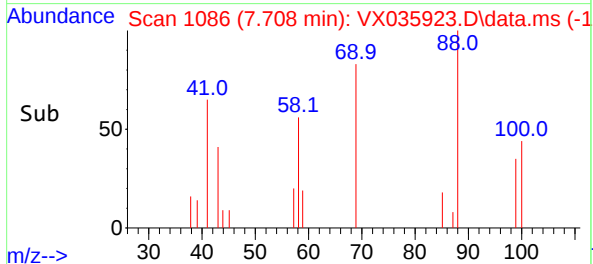
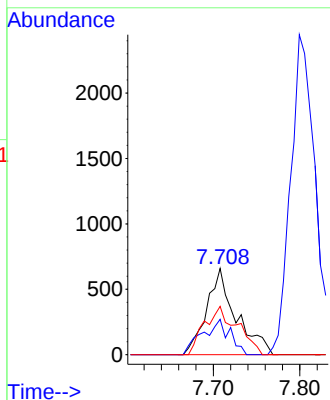
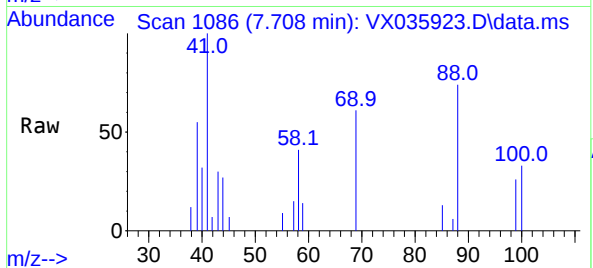




#49  
1,4-Dioxane  
Concen: 22.482 ug/l  
RT: 7.708 min Scan# 1087  
Delta R.T. -0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

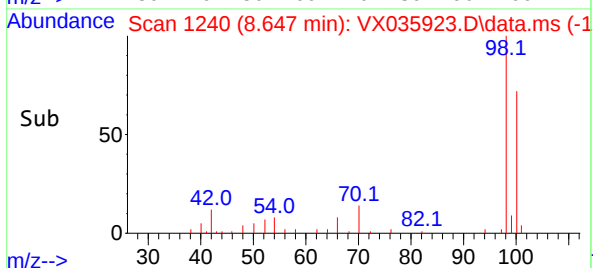
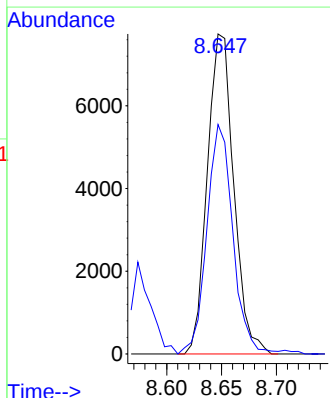
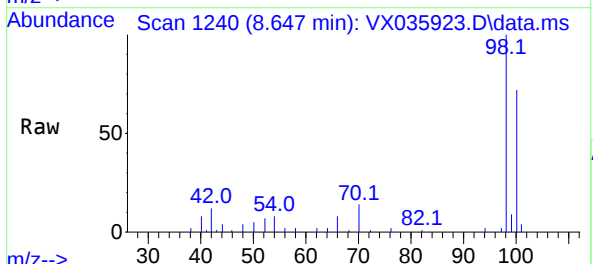
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

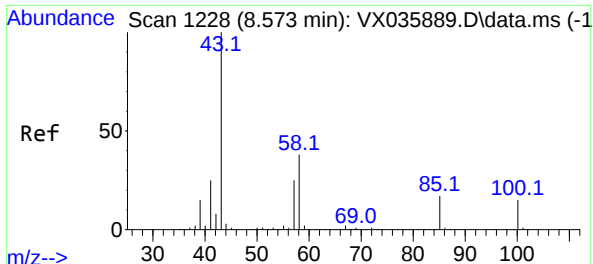
Tgt Ion: 88 Resp: 1554  
Ion Ratio Lower Upper  
88 100  
43 38.3 27.4 41.0  
58 63.0 58.9 88.3



#50  
Toluene-d8  
Concen: 1.435 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 98 Resp: 12979  
Ion Ratio Lower Upper  
98 100  
100 70.4 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 4.802 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

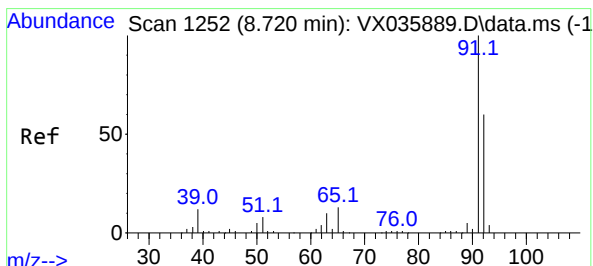
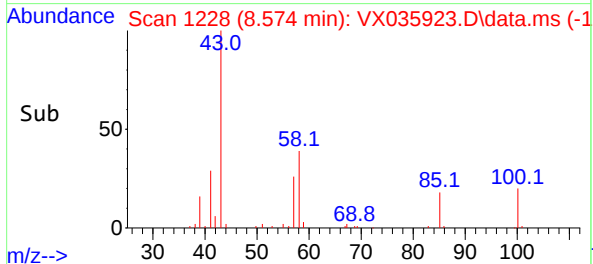
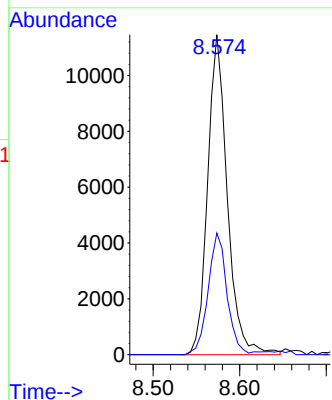
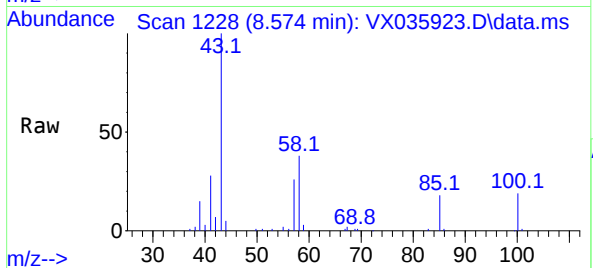
VSTDICC001

Tgt Ion: 43 Resp: 18041

Ion Ratio Lower Upper

43 100

58 36.9 30.1 45.1



#52

Toluene

Concen: 1.001 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035923.D

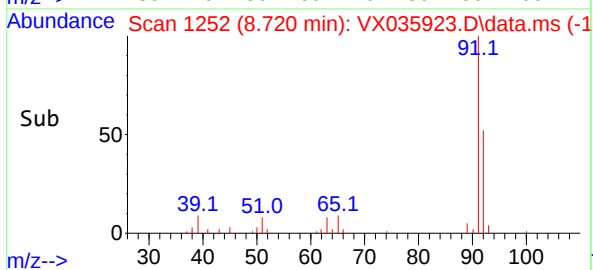
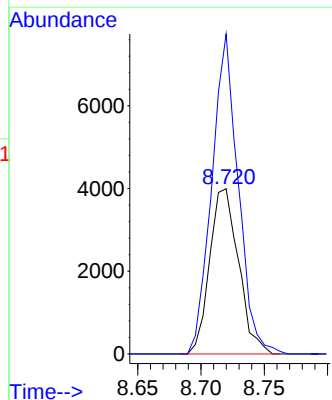
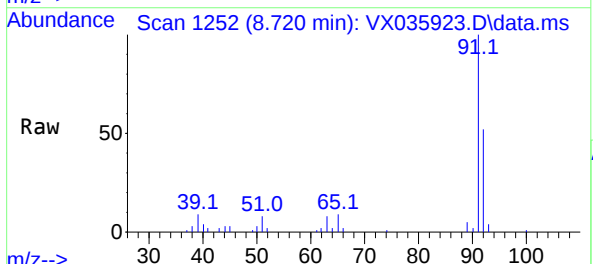
Acq: 31 May 2023 09:39

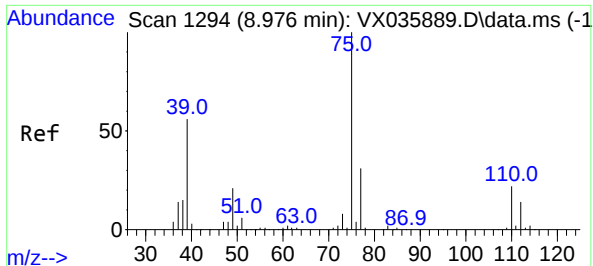
Tgt Ion: 92 Resp: 6345

Ion Ratio Lower Upper

92 100

91 177.3 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 0.862 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

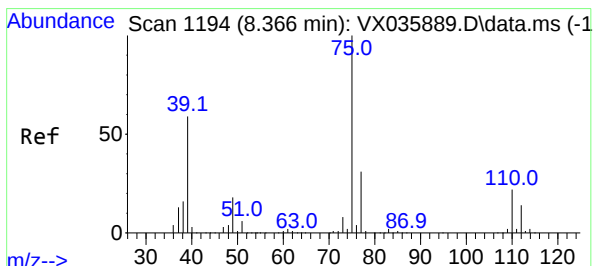
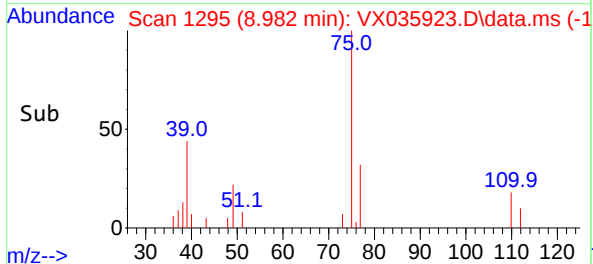
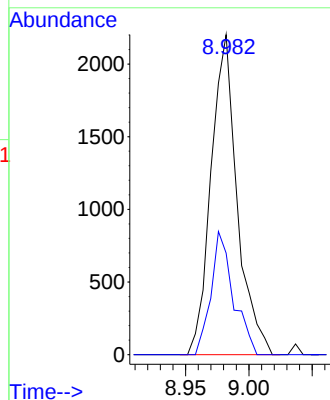
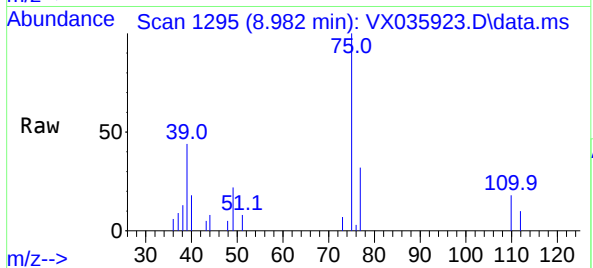
VSTDIC001

Tgt Ion: 75 Resp: 3162

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 0.898 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

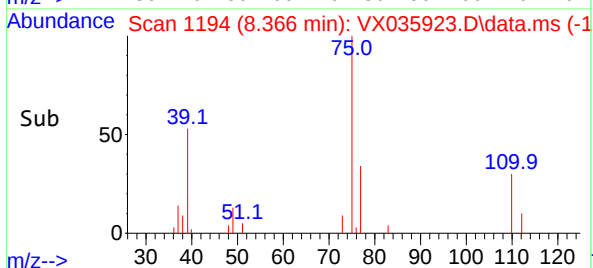
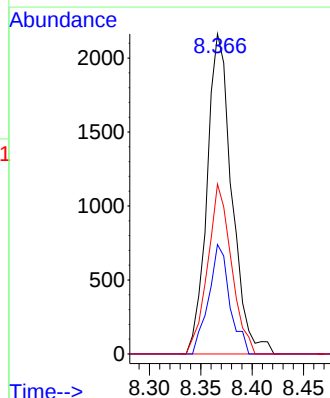
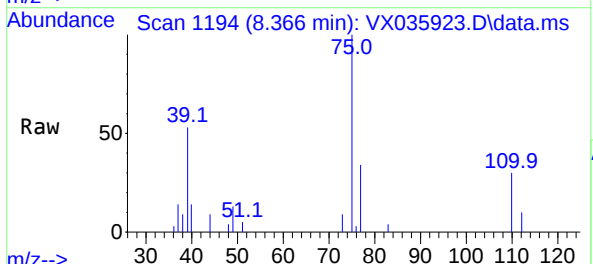
Tgt Ion: 75 Resp: 3635

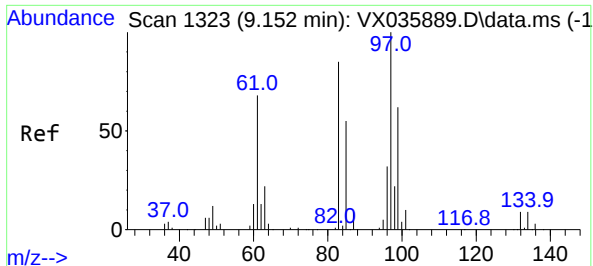
Ion Ratio Lower Upper

75 100

77 34.2 24.7 37.1

39 53.1 47.0 70.6



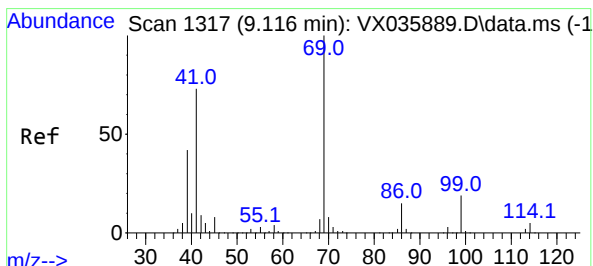
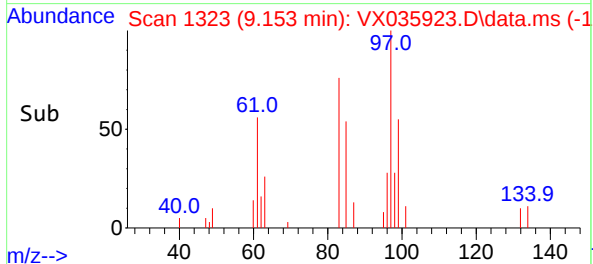
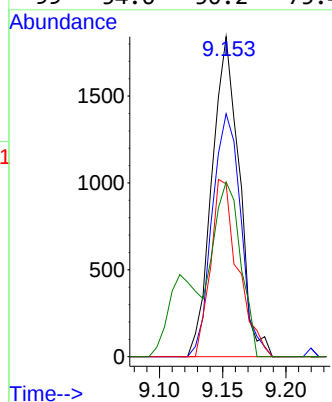
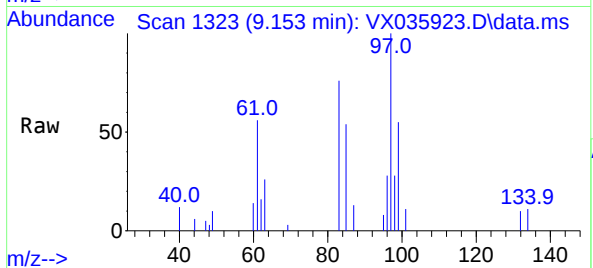


#55  
1,1,2-Trichloroethane  
Concen: 1.045 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 97 Resp: 2761

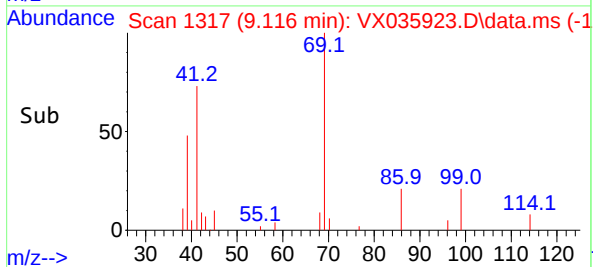
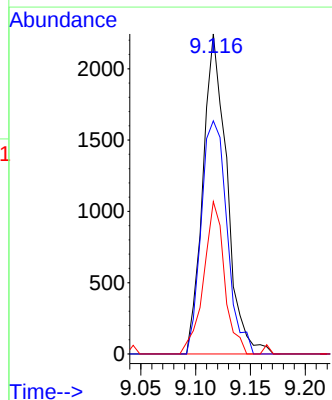
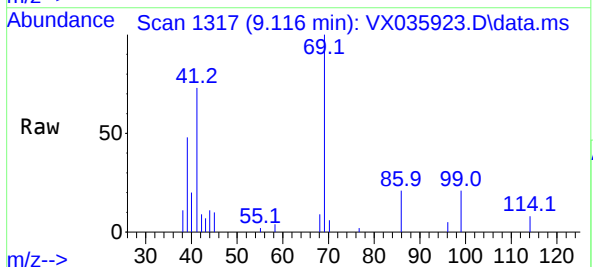
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 75.9  | 68.3  | 102.5 |
| 85  | 54.0  | 44.2  | 66.2  |
| 99  | 54.6  | 50.2  | 75.4  |

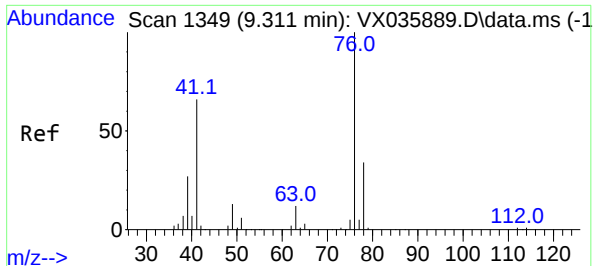


#56  
Ethyl methacrylate  
Concen: 0.863 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 69 Resp: 3409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 78.1  | 58.9  | 88.3  |
| 39  | 41.4  | 33.4  | 50.0  |

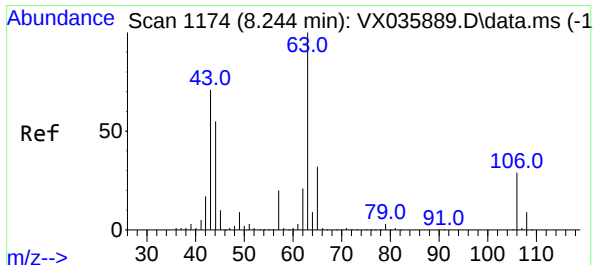
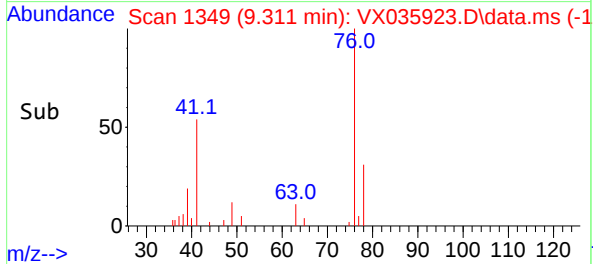
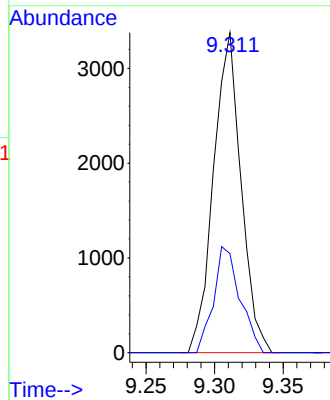
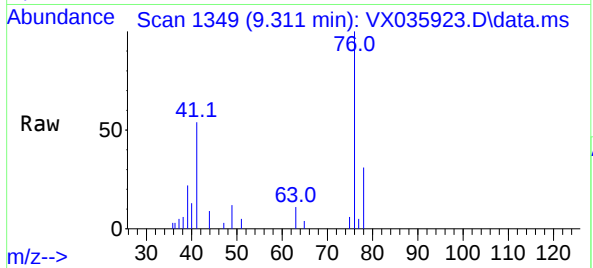




#57  
1,3-Dichloropropane  
Concen: 1.038 ug/l  
RT: 9.311 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

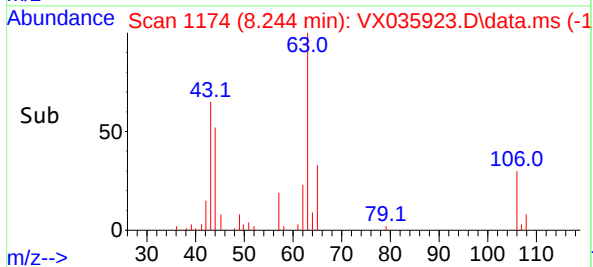
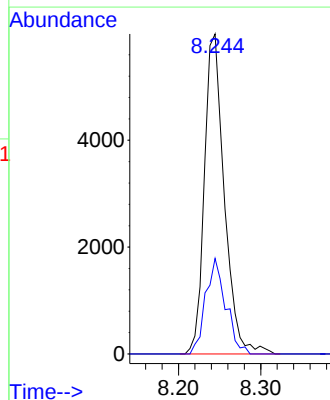
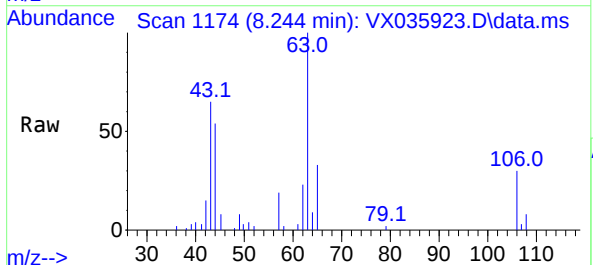
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

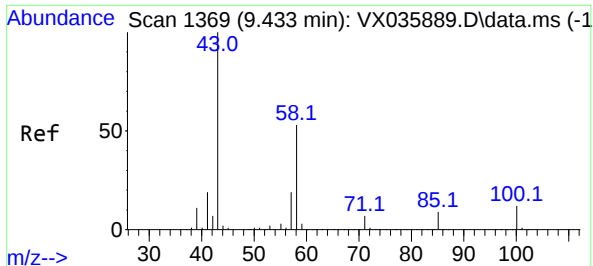
Tgt Ion: 76 Resp: 4719  
Ion Ratio Lower Upper  
76 100  
78 31.8 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 4.872 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 63 Resp: 10083  
Ion Ratio Lower Upper  
63 100  
106 30.1 22.3 33.5





#59

2-Hexanone

Concen: 4.824 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

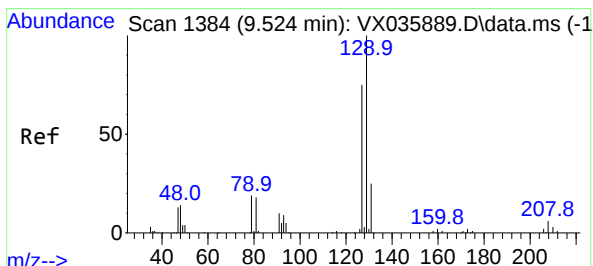
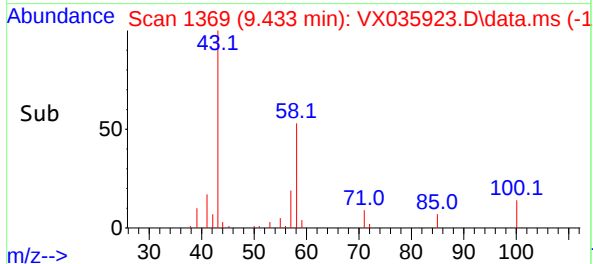
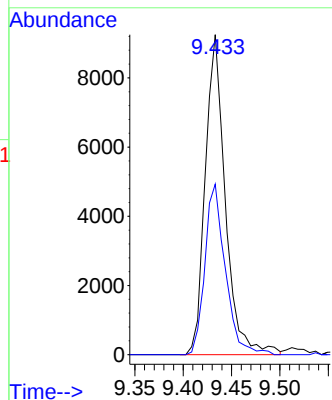
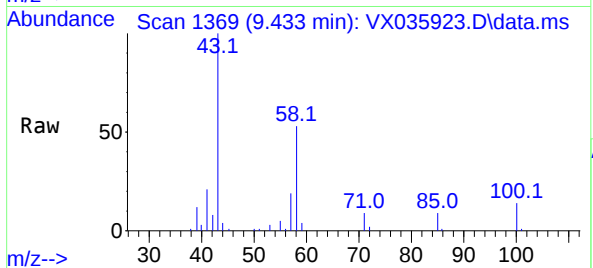
VSTDIC001

Tgt Ion: 43 Resp: 13398

Ion Ratio Lower Upper

43 100

58 54.2 26.3 78.8



#60

Dibromochloromethane

Concen: 0.940 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.005 min

Lab File: VX035923.D

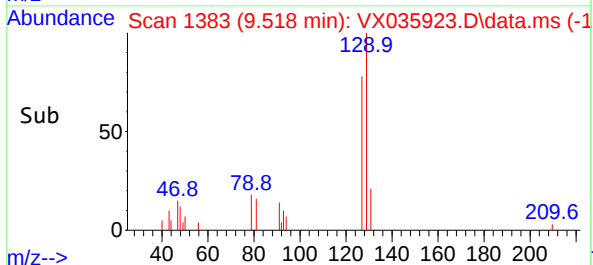
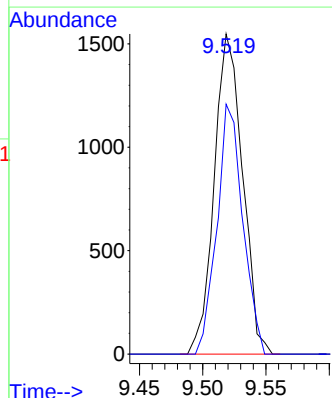
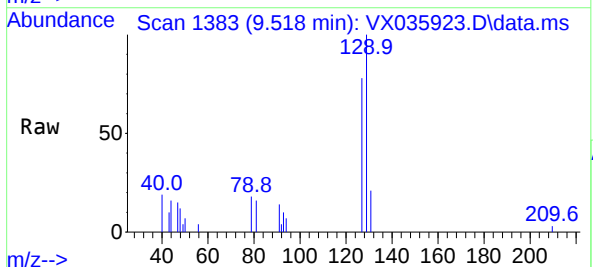
Acq: 31 May 2023 09:39

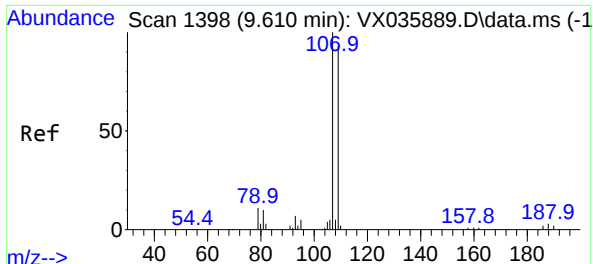
Tgt Ion: 129 Resp: 2412

Ion Ratio Lower Upper

129 100

127 71.0 38.4 115.1

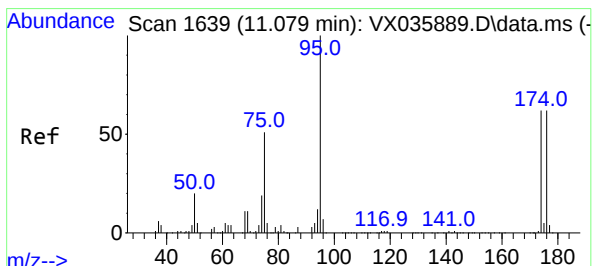
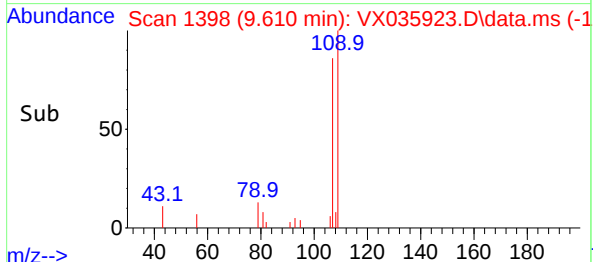
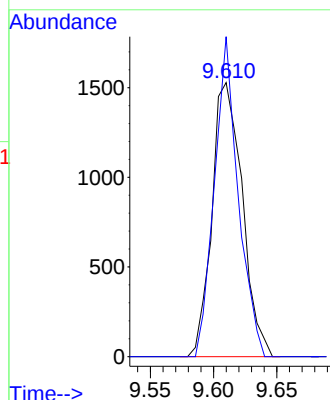
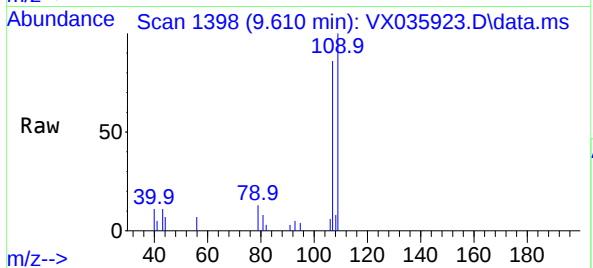




#61  
1,2-Dibromoethane  
Concen: 0.943 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

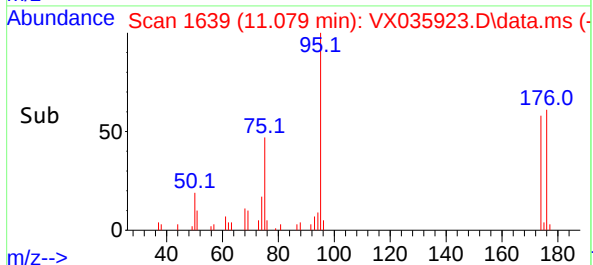
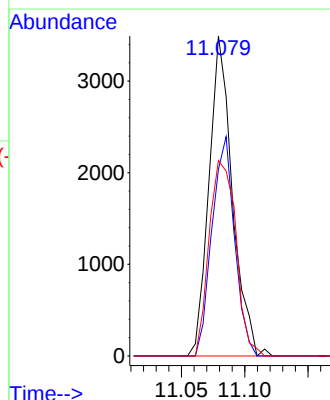
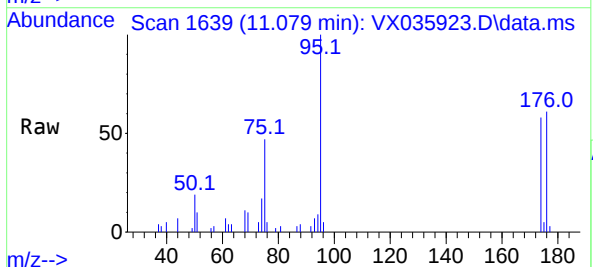
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ClientSampleId :  
VSTDIC001

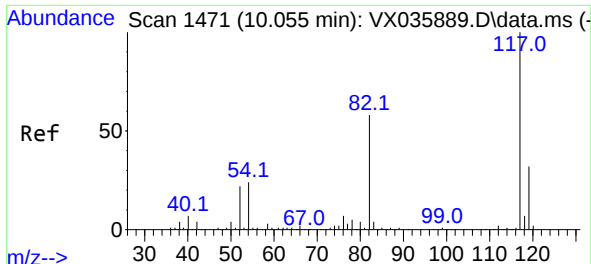
Tgt Ion:107 Resp: 2548  
Ion Ratio Lower Upper  
107 100  
109 91.6 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 1.256 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 95 Resp: 4485  
Ion Ratio Lower Upper  
95 100  
174 66.0 0.0 132.6  
176 70.1 0.0 128.0

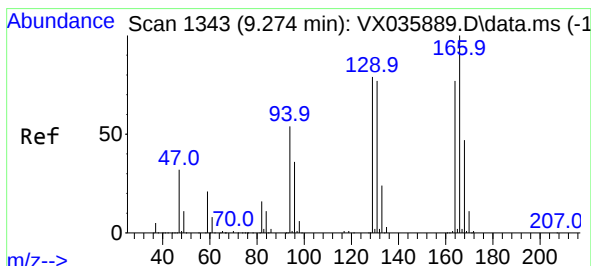
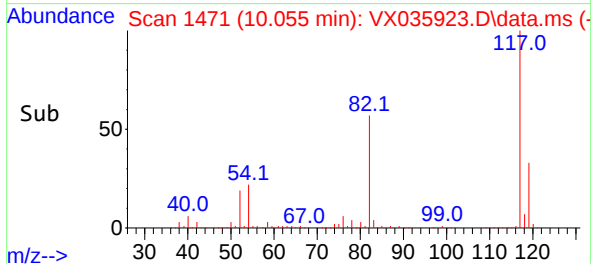
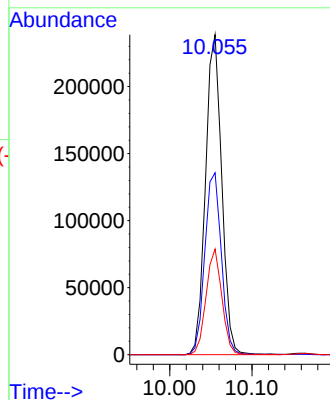
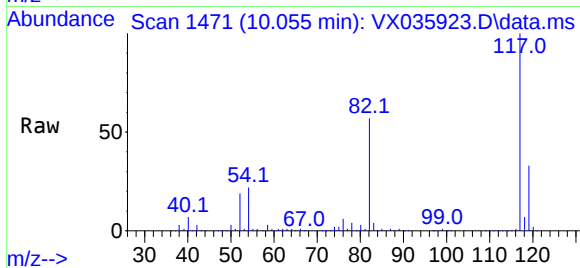




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

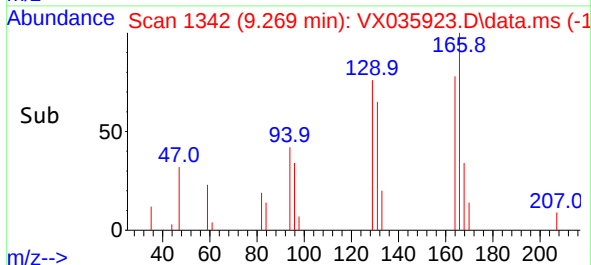
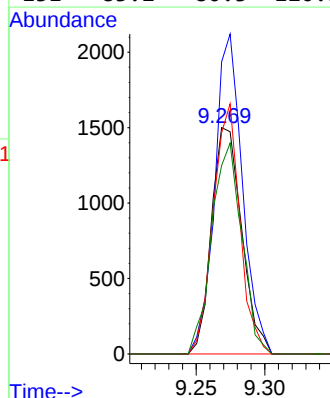
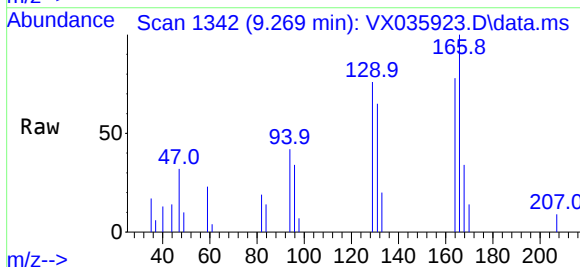
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

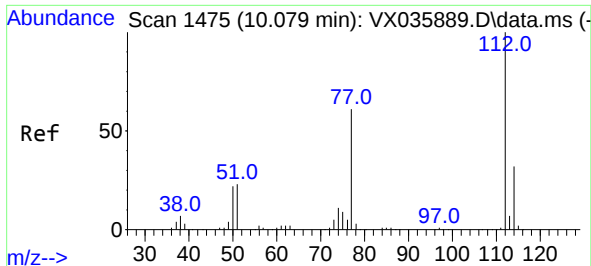
Tgt Ion:117 Resp: 326878  
Ion Ratio Lower Upper  
117 100  
82 56.9 46.6 69.8  
119 33.0 25.4 38.2



#64  
Tetrachloroethene  
Concen: 1.117 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.005 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:164 Resp: 2295  
Ion Ratio Lower Upper  
164 100  
166 129.0 104.4 156.6  
129 97.7 82.0 123.0  
131 83.2 80.3 120.5

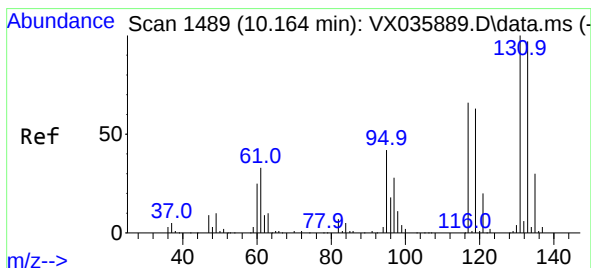
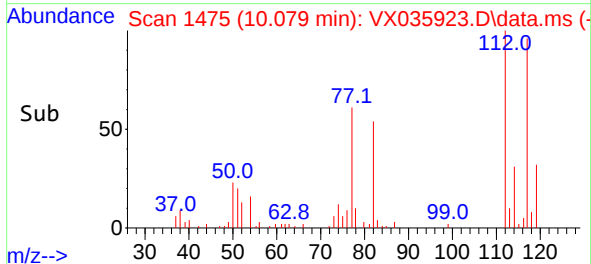
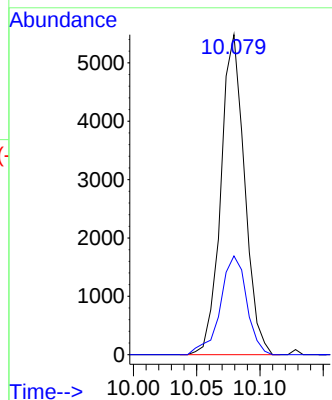
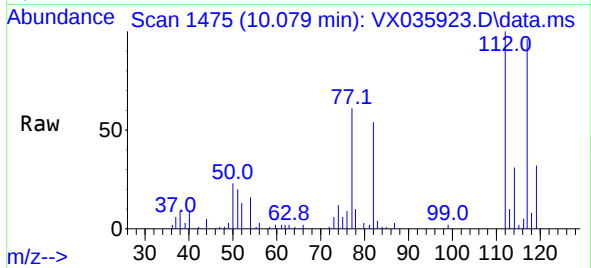




#65  
Chlorobenzene  
Concen: 1.083 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

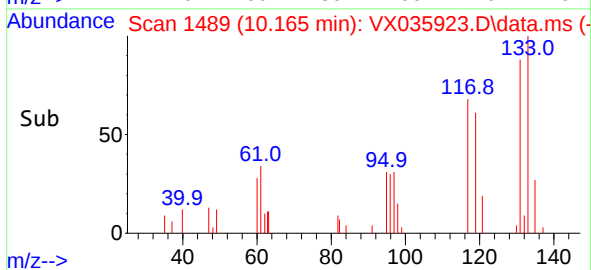
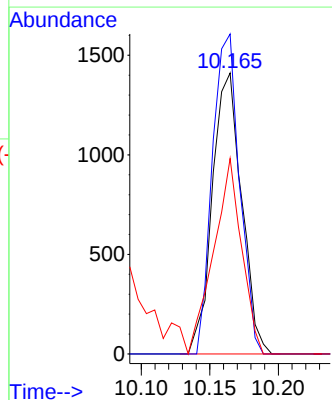
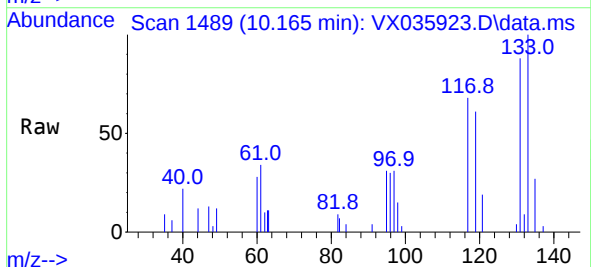
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

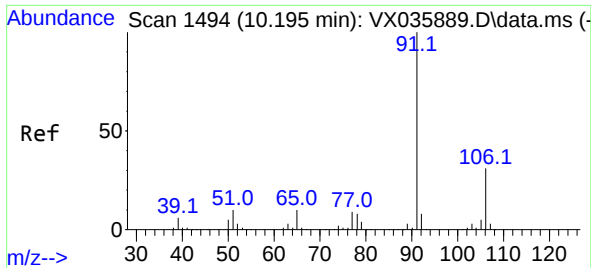
Tgt Ion:112 Resp: 7144  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.904 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:131 Resp: 2096  
Ion Ratio Lower Upper  
131 100  
133 105.6 48.1 144.3  
119 0.0 32.1 96.5#

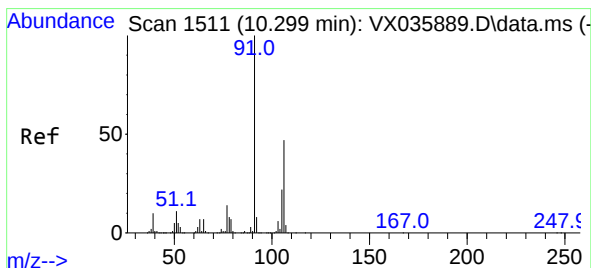
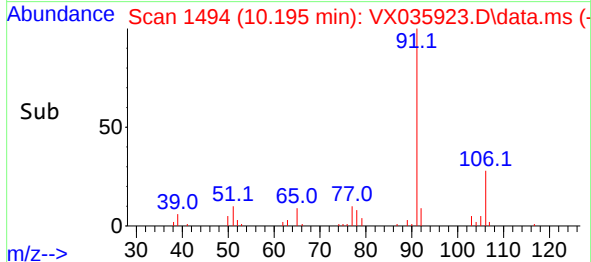
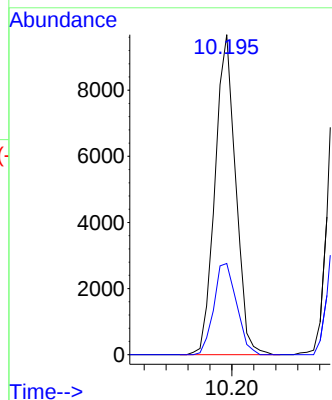
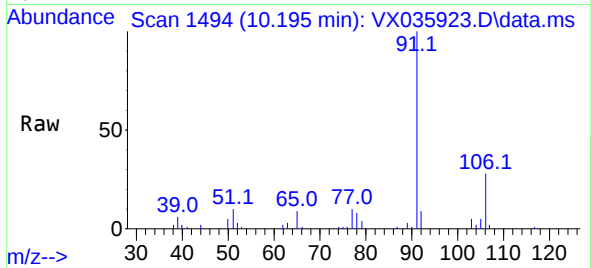




#67  
Ethyl Benzene  
Concen: 1.079 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

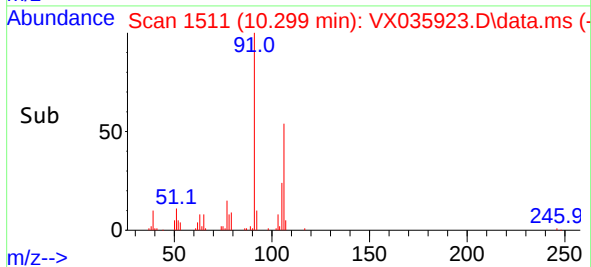
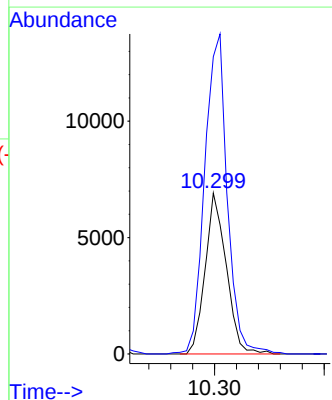
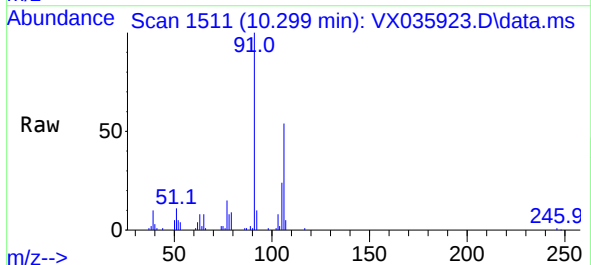
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

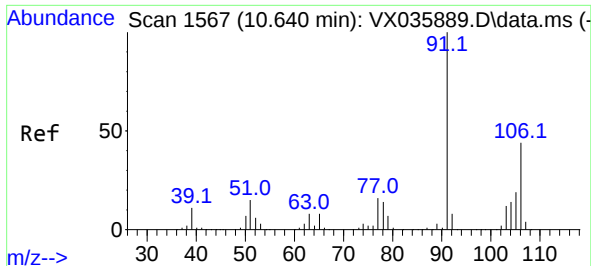
Tgt Ion: 91 Resp: 12665  
Ion Ratio Lower Upper  
91 100  
106 28.5 24.6 37.0



#68  
m/p-Xylenes  
Concen: 2.070 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 106 Resp: 9220  
Ion Ratio Lower Upper  
106 100  
91 212.7 169.8 254.8

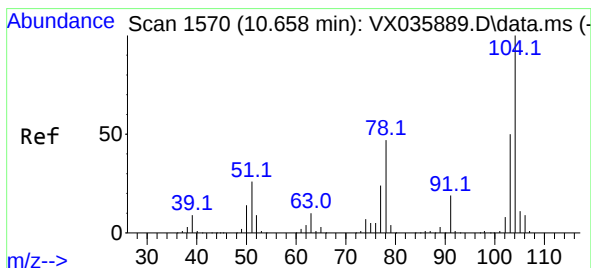
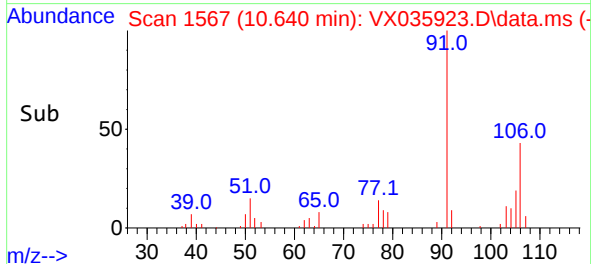
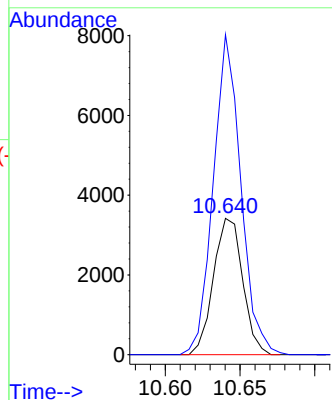
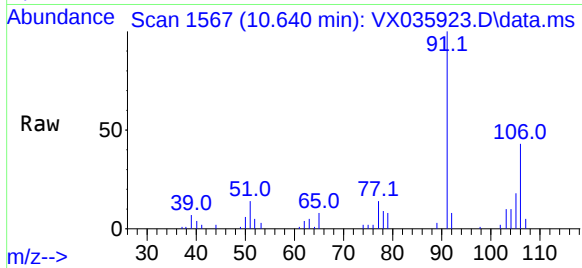




#69  
o-Xylene  
Concen: 1.037 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

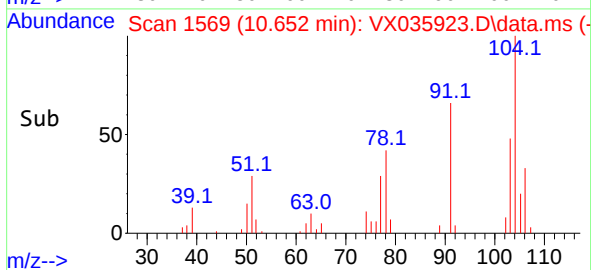
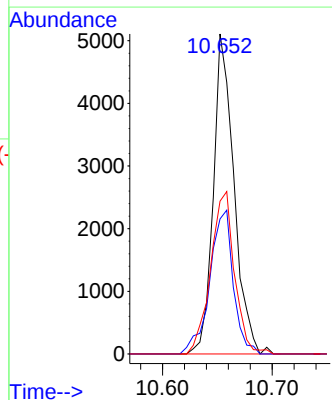
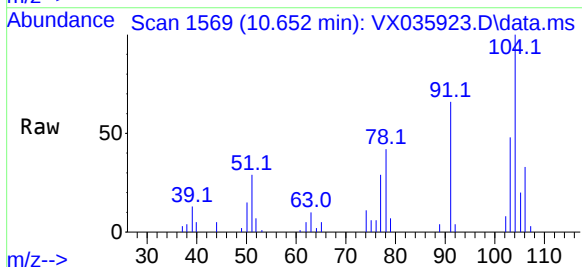
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

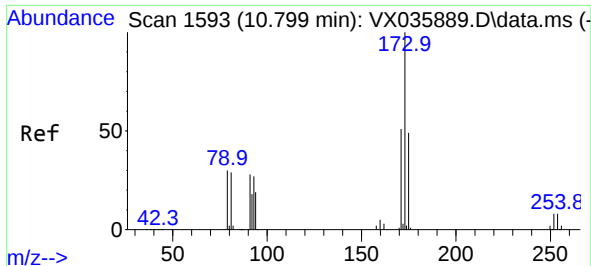
Tgt Ion:106 Resp: 4640  
Ion Ratio Lower Upper  
106 100  
91 221.3 112.5 337.4



#70  
Styrene  
Concen: 0.924 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:104 Resp: 6680  
Ion Ratio Lower Upper  
104 100  
78 51.1 44.7 67.1  
103 58.8 44.0 66.0

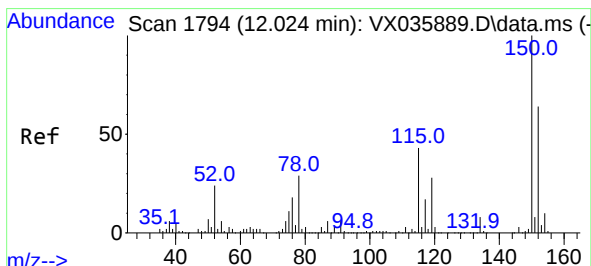
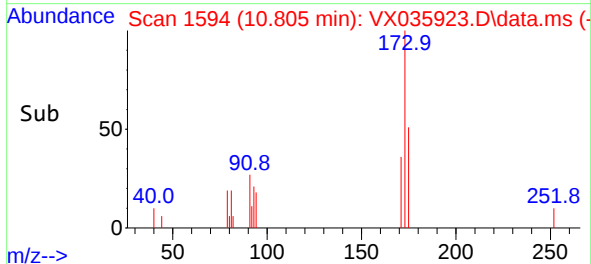
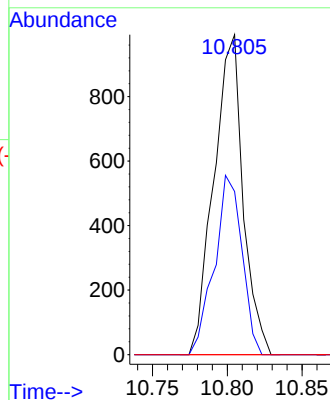
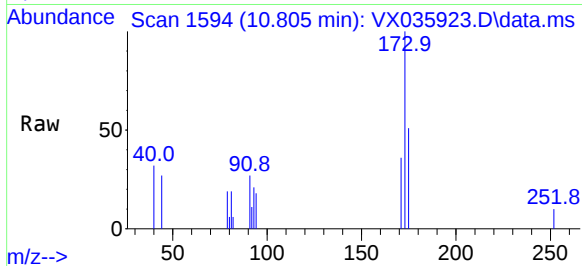




#71  
Bromoform  
Concen: 0.837 ug/l  
RT: 10.805 min Scan# 1594  
Delta R.T. 0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

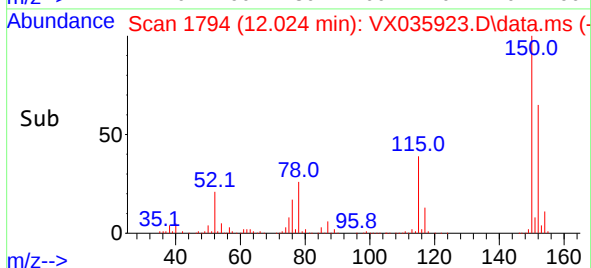
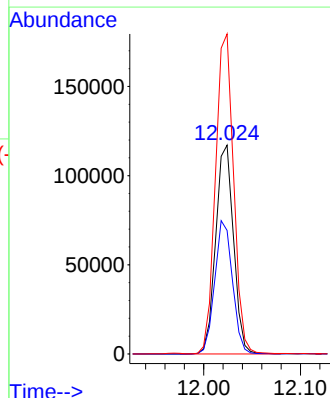
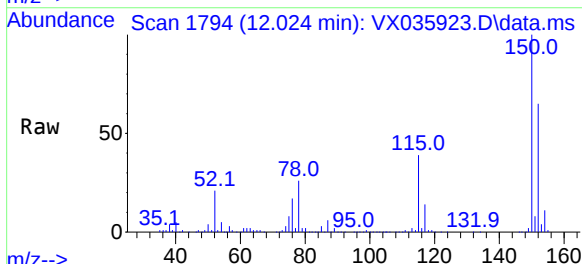
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

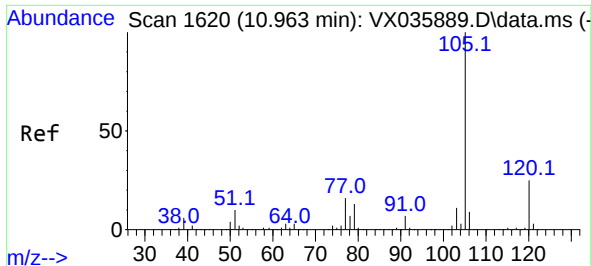
Tgt Ion:173 Resp: 1344  
Ion Ratio Lower Upper  
173 100  
175 53.1 24.2 72.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:152 Resp: 150134  
Ion Ratio Lower Upper  
152 100  
115 63.5 45.5 136.5  
150 155.5 0.0 345.2

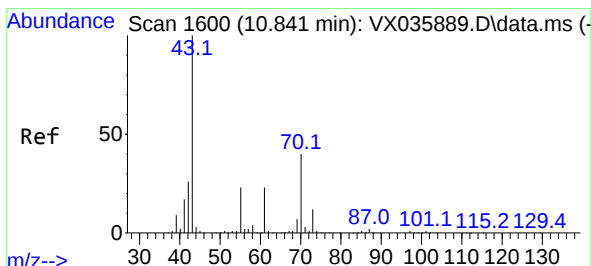
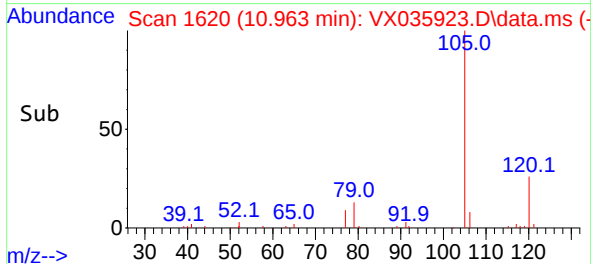
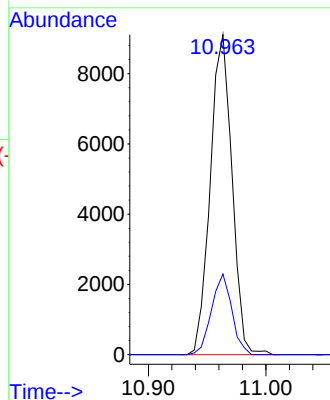
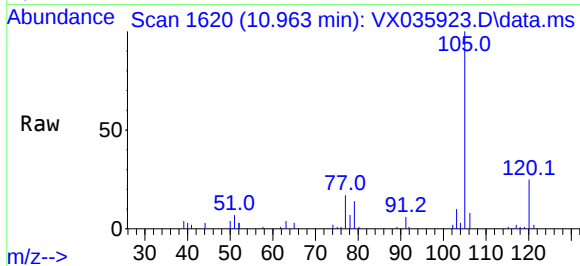




#73  
Isopropylbenzene  
Concen: 1.071 ug/l  
RT: 10.963 min Scan# 11689  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

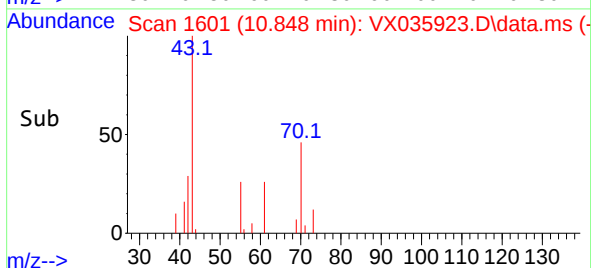
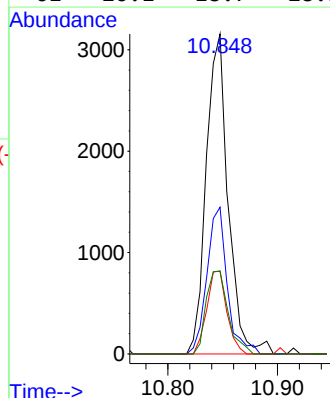
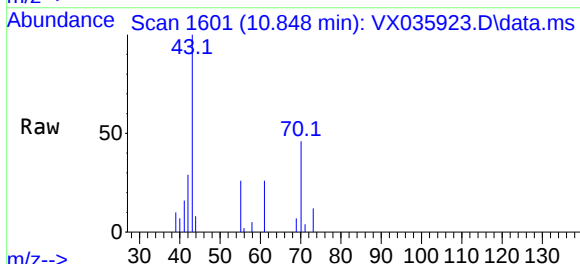
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

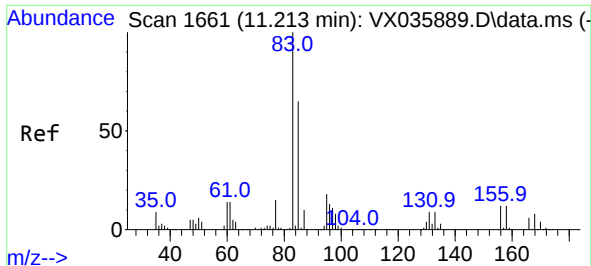
Tgt Ion:105 Resp: 11689  
Ion Ratio Lower Upper  
105 100  
120 23.6 12.7 38.0



#74  
N-ethyl acetate  
Concen: 0.920 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.007 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 43 Resp: 4377  
Ion Ratio Lower Upper  
43 100  
70 42.6 32.6 48.8  
55 23.7 19.0 28.4  
61 26.1 18.7 28.1

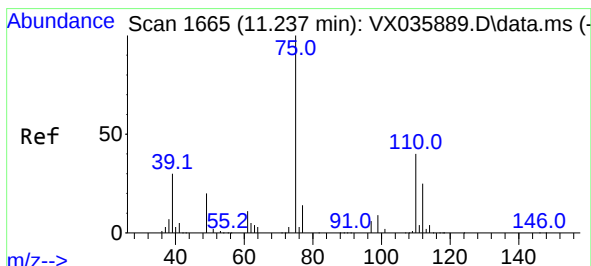
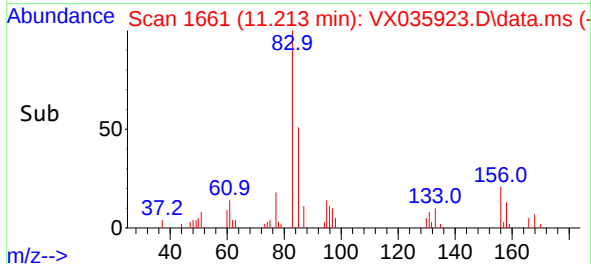
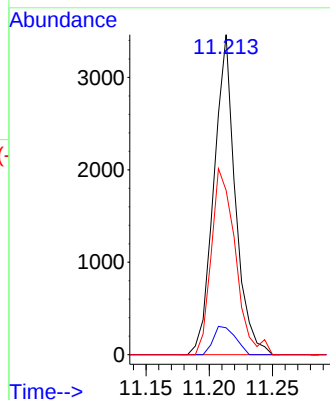
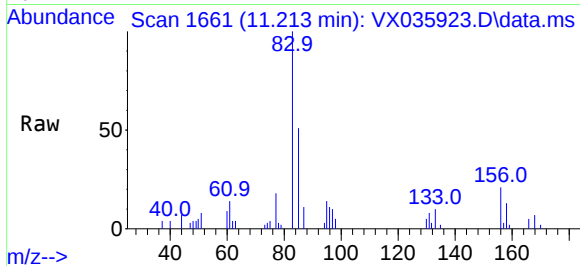




#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.094 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

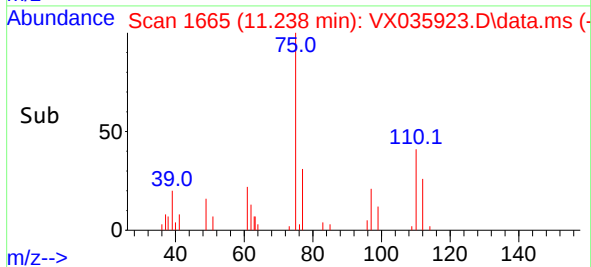
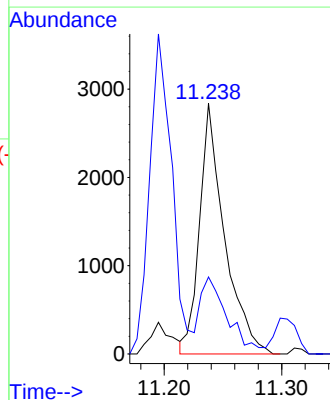
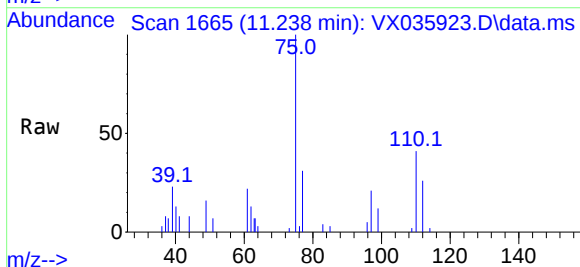
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

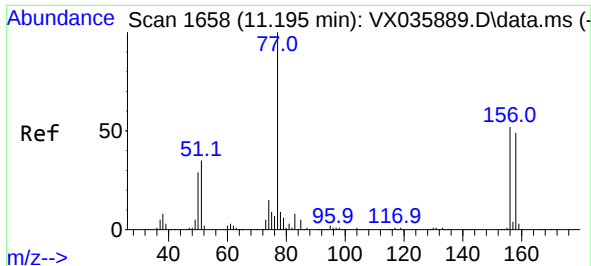
Tgt Ion: 83 Resp: 4084  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.9 14.7  
85 65.3 32.4 97.0



#76  
1,2,3-Trichloropropane  
Concen: 1.234 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 75 Resp: 4178  
Ion Ratio Lower Upper  
75 100  
77 32.9 21.4 64.2

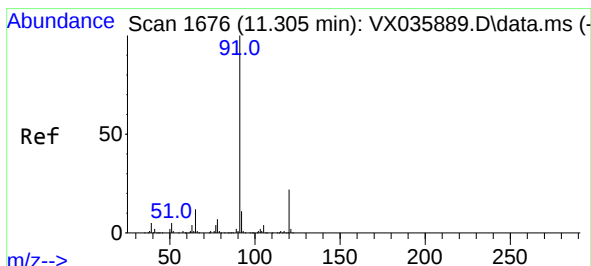
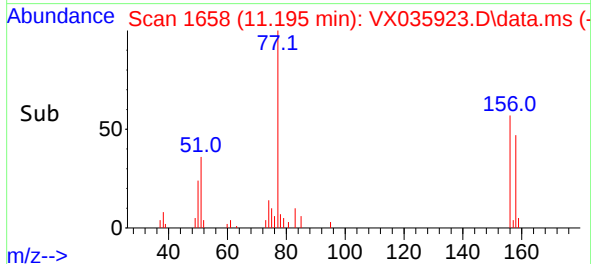
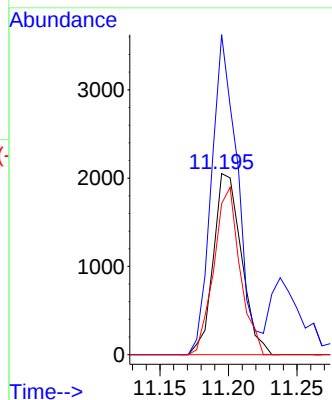
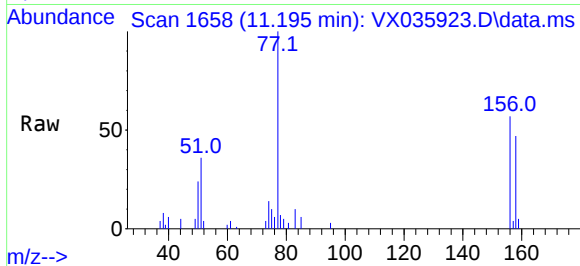




#77  
Bromobenzene  
Concen: 1.081 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

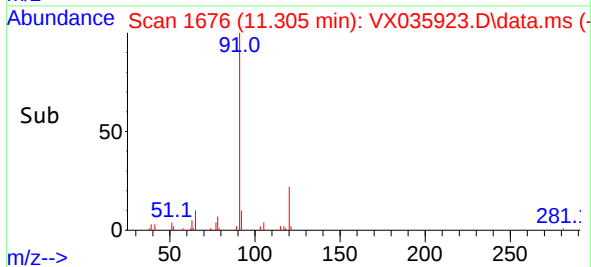
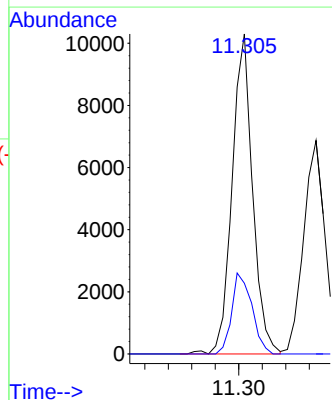
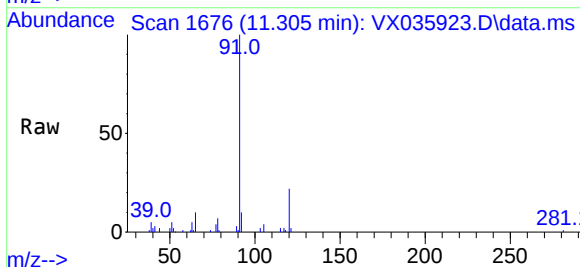
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

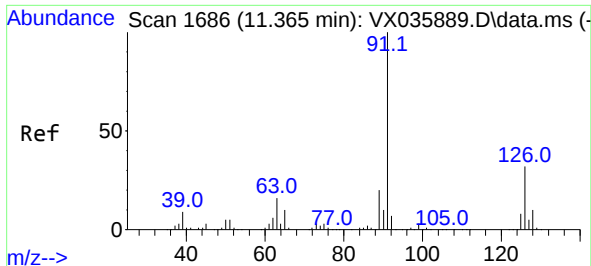
Tgt Ion:156 Resp: 2916  
Ion Ratio Lower Upper  
156 100  
77 164.2 90.8 272.3  
158 85.9 47.4 142.3



#78  
n-propylbenzene  
Concen: 1.010 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 91 Resp: 12442  
Ion Ratio Lower Upper  
91 100  
120 24.9 10.9 32.9

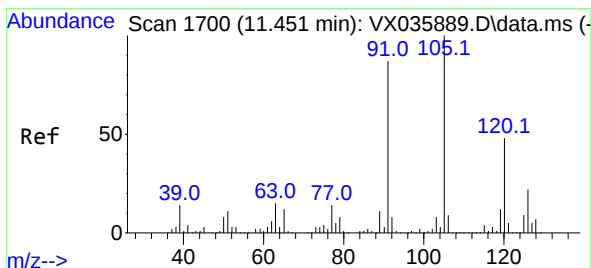
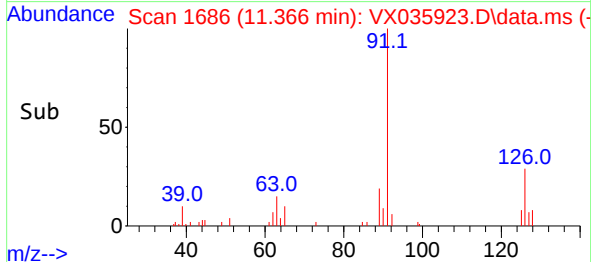
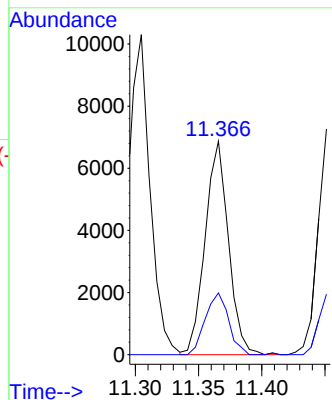
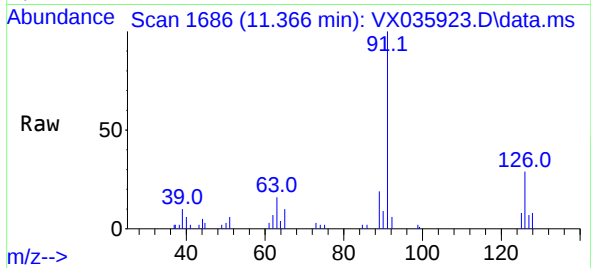




#79  
2-Chlorotoluene  
Concen: 1.100 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.001 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

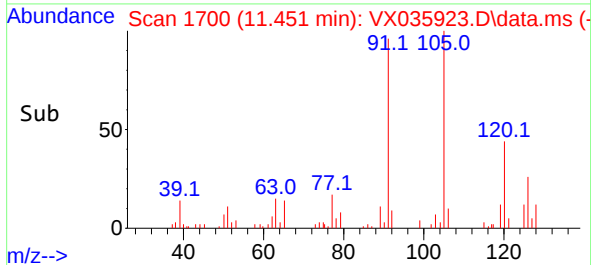
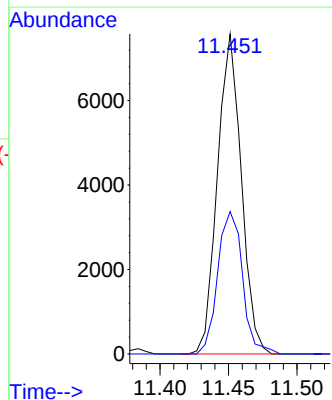
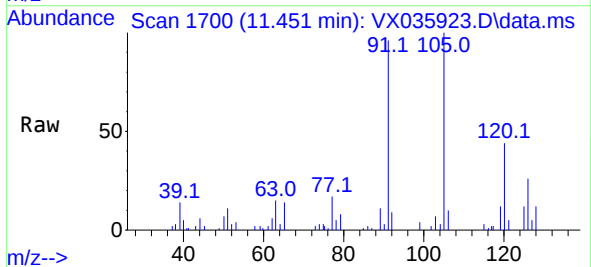
Instrument : MSVOA\_X  
ClientSampleId : VSTDIC001

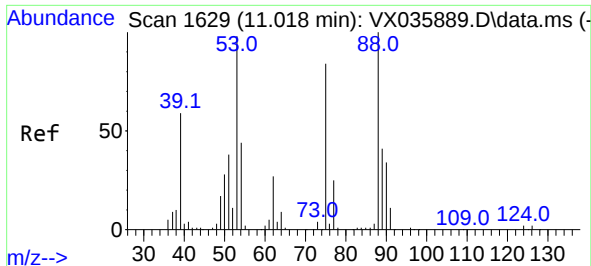
Tgt Ion: 91 Resp: 8825  
Ion Ratio Lower Upper  
91 100  
126 28.8 15.8 47.4



#80  
1,3,5-Trimethylbenzene  
Concen: 0.998 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:105 Resp: 9179  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.8 71.4

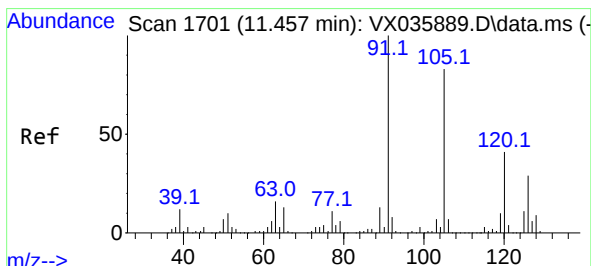
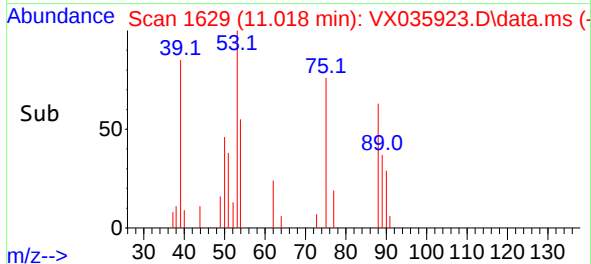
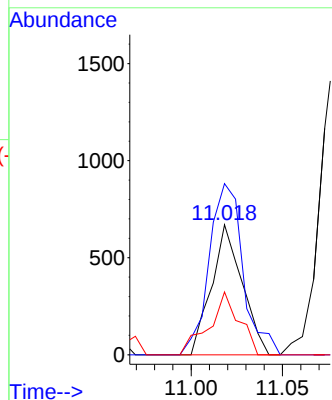
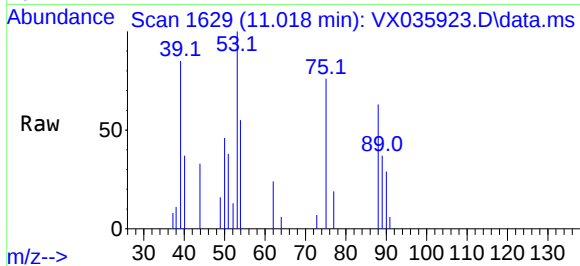




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.804 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

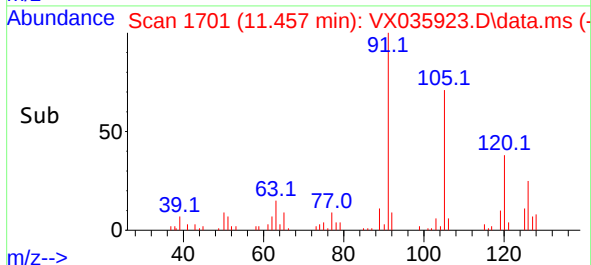
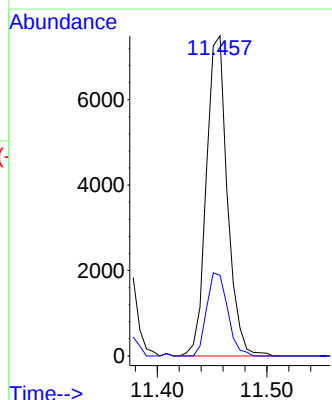
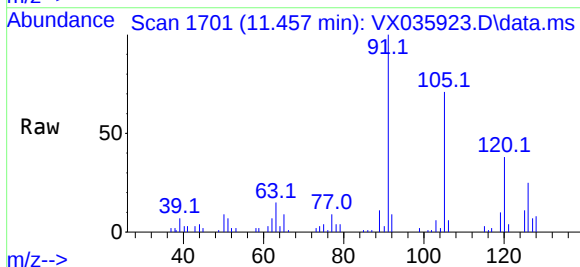
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

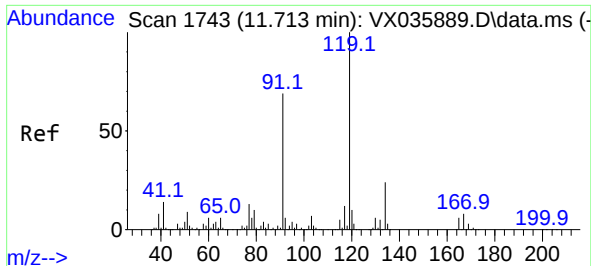
Tgt Ion: 75 Resp: 783  
Ion Ratio Lower Upper  
75 100  
53 145.3 95.2 142.8#  
89 47.5 38.0 57.0



#82  
4-Chlorotoluene  
Concen: 1.083 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion: 91 Resp: 9964  
Ion Ratio Lower Upper  
91 100  
126 25.8 13.7 41.0

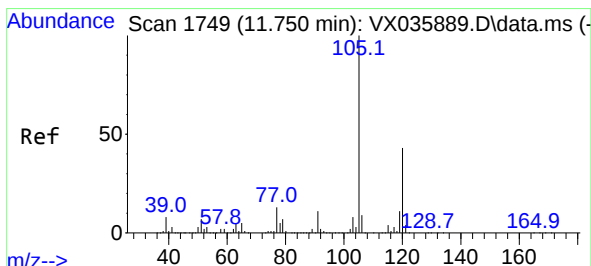
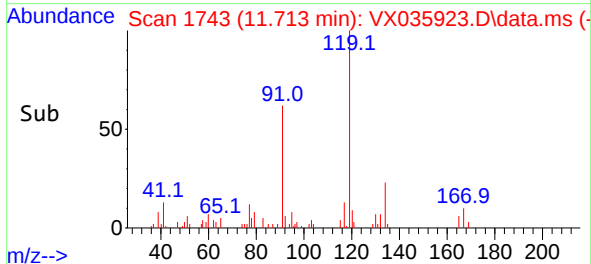
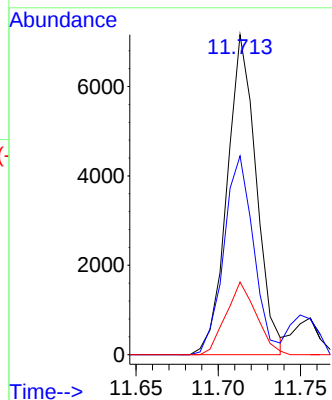
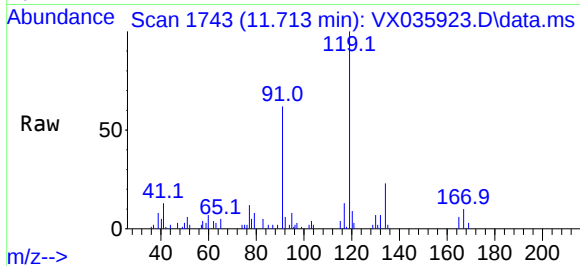




#83  
tert-Butylbenzene  
Concen: 1.009 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

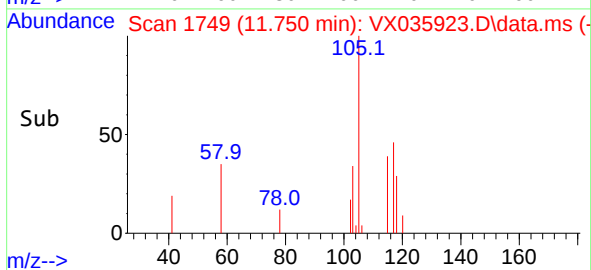
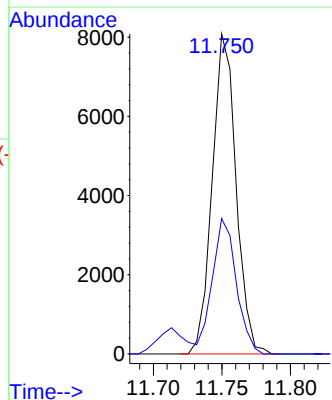
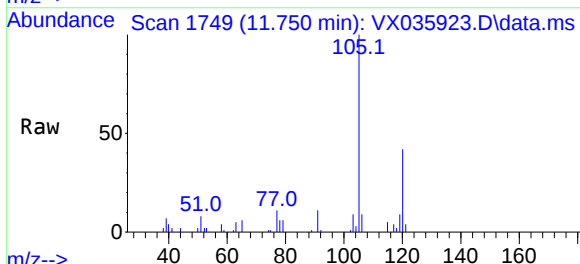
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

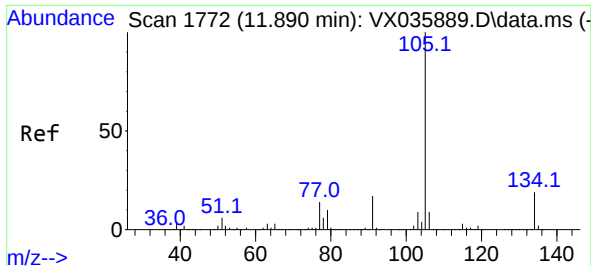
Tgt Ion:119 Resp: 8863  
Ion Ratio Lower Upper  
119 100  
91 63.5 32.4 97.0  
134 23.6 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 1.034 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:105 Resp: 9763  
Ion Ratio Lower Upper  
105 100  
120 42.6 21.6 64.8

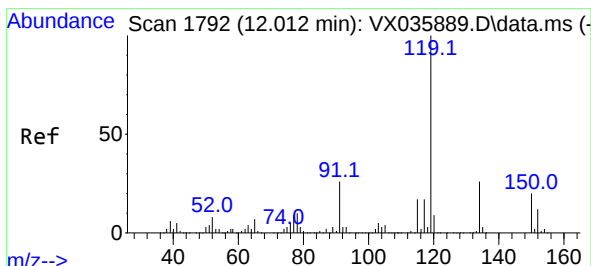
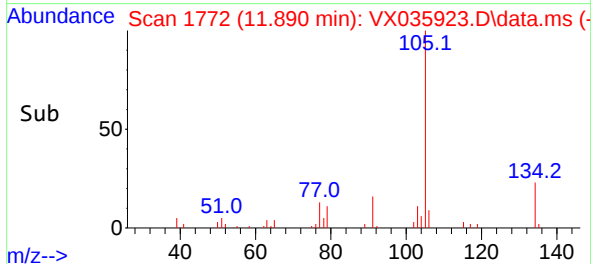
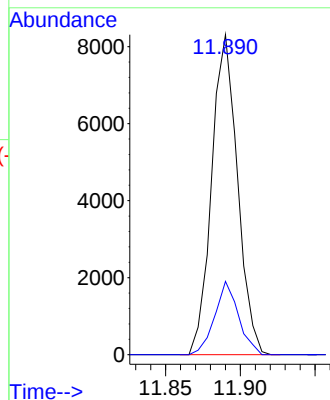
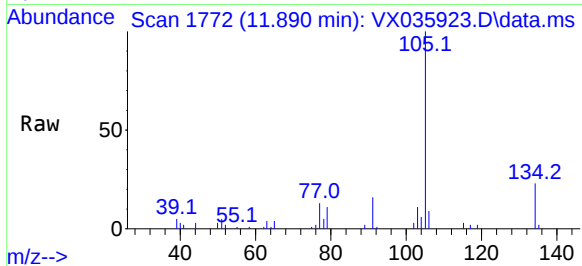




#85  
sec-Butylbenzene  
Concen: 0.958 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

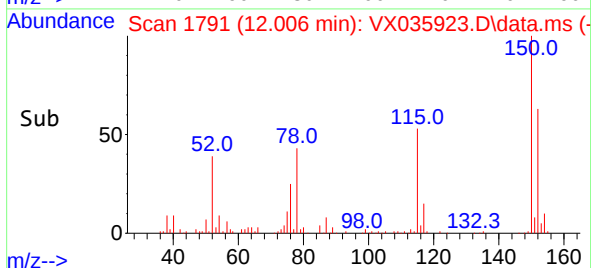
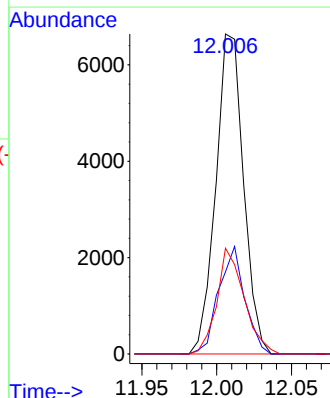
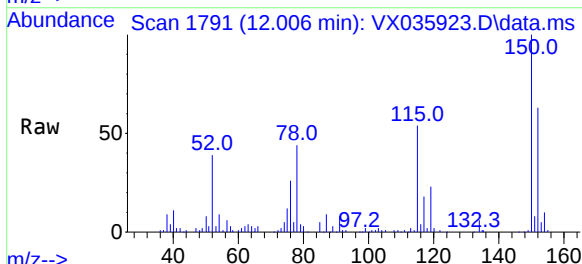
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

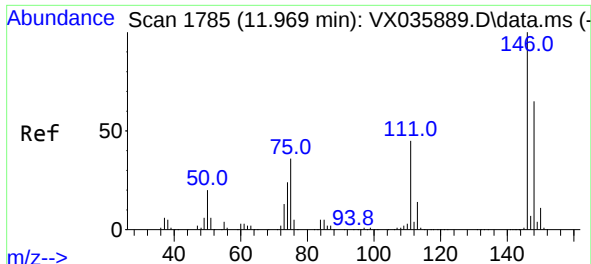
Tgt Ion:105 Resp: 9987  
Ion Ratio Lower Upper  
105 100  
134 21.1 9.7 28.9



#86  
p-Isopropyltoluene  
Concen: 0.962 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Tgt Ion:119 Resp: 8573  
Ion Ratio Lower Upper  
119 100  
134 31.5 12.7 38.1  
91 32.5 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 1.002 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

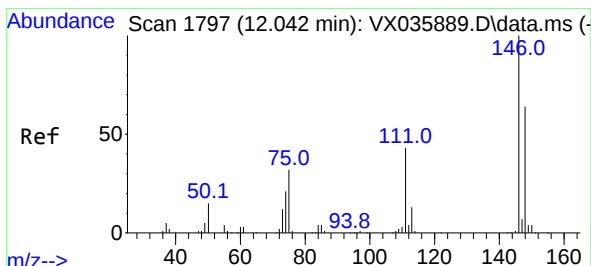
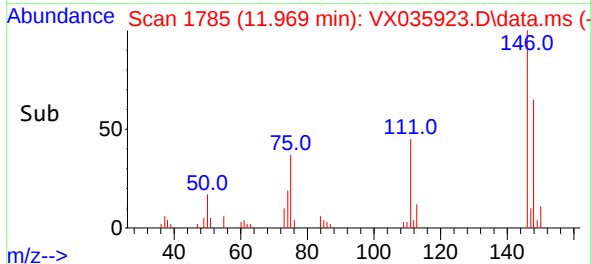
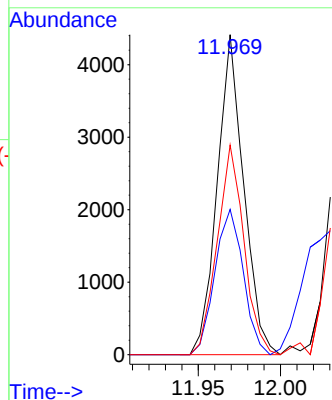
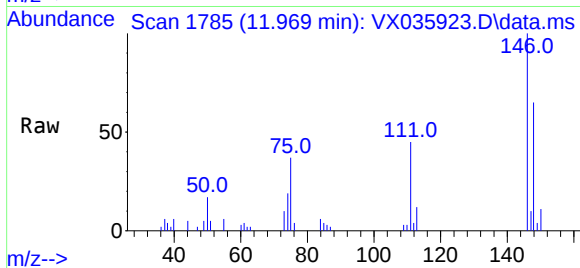
Tgt Ion:146 Resp: 4951

Ion Ratio Lower Upper

146 100

111 48.6 22.6 67.7

148 66.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 1.172 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

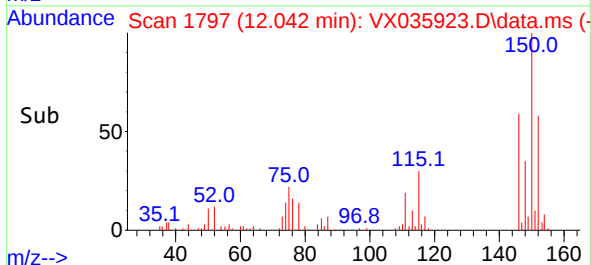
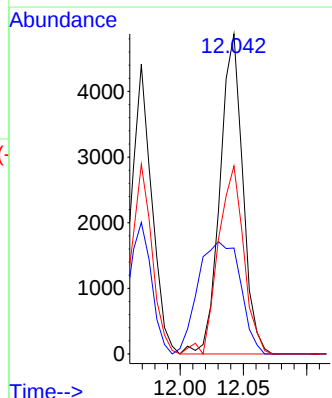
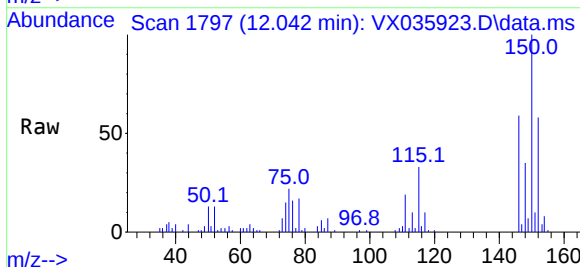
Tgt Ion:146 Resp: 6102

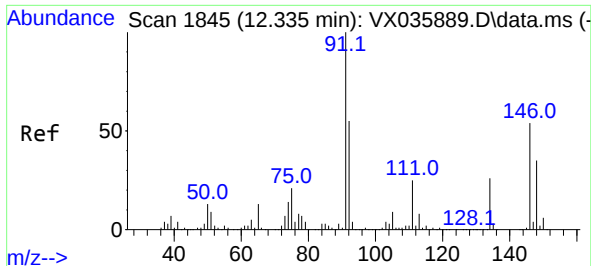
Ion Ratio Lower Upper

146 100

111 65.2 21.8 65.3

148 65.8 31.9 95.7

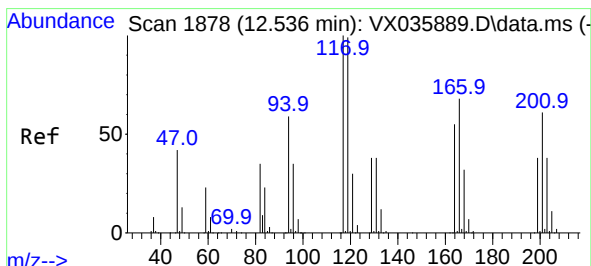
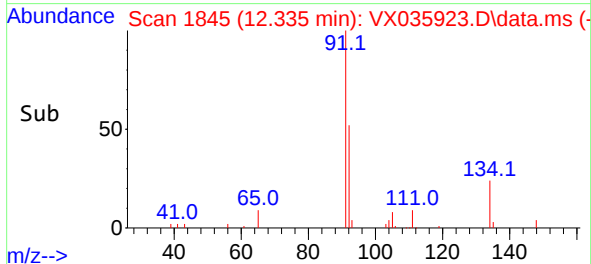
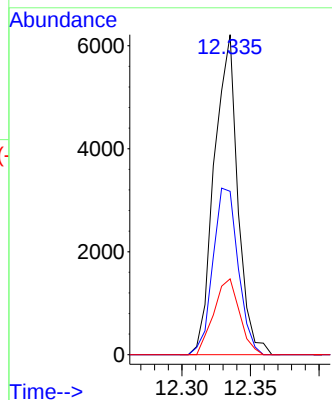
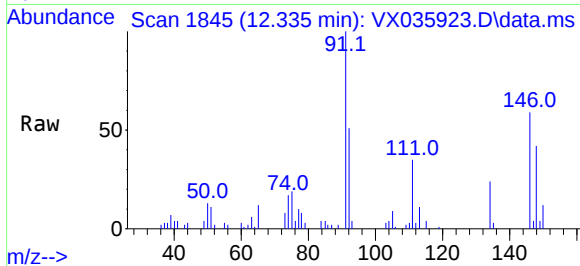




#89  
n-Butylbenzene  
Concen: 0.985 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

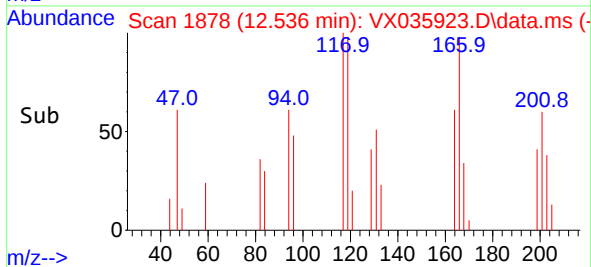
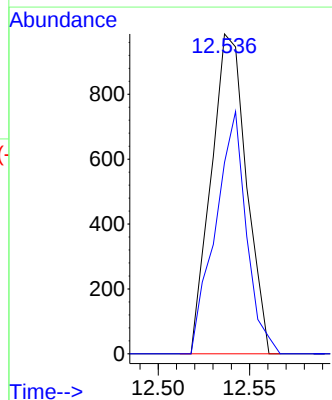
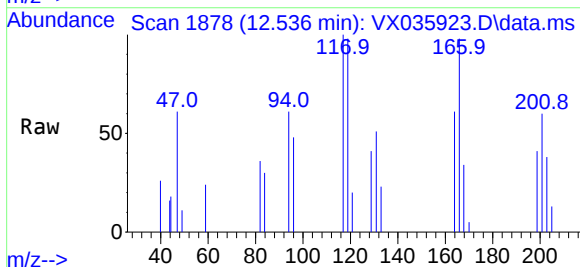
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

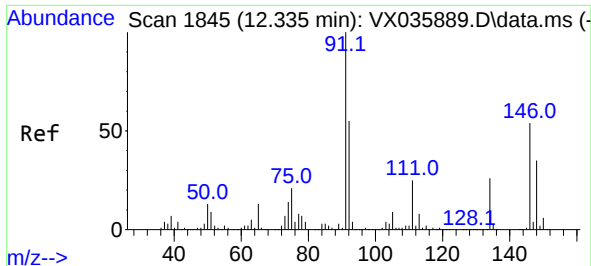
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 7414  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 55.9  | 27.3  | 81.8  |
| 134      | 26.0  | 12.4  | 37.0  |



#90  
Hexachloroethane  
Concen: 0.935 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 1322  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 66.8  | 32.7  | 98.1  |





#91

1,2-Dichlorobenzene

Concen: 1.049 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

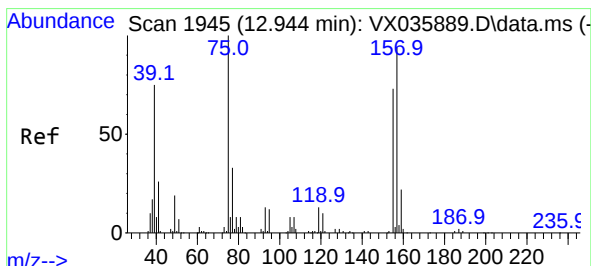
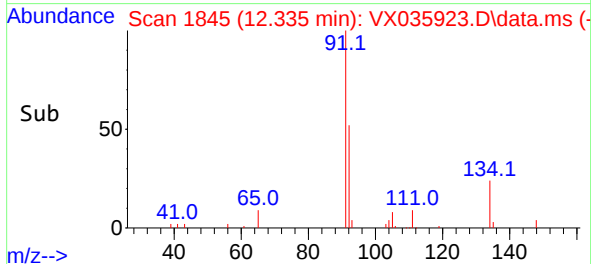
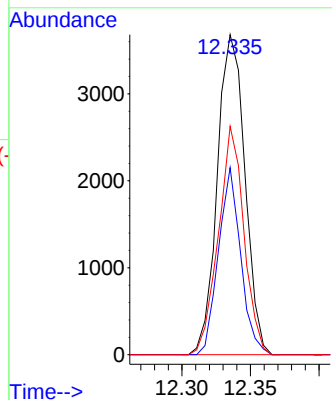
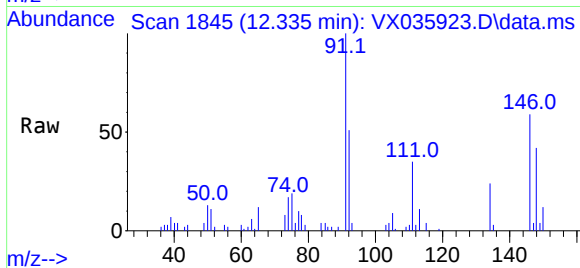
Tgt Ion:146 Resp: 5160

Ion Ratio Lower Upper

146 100

111 47.0 23.3 69.9

148 65.9 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.923 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.007 min

Lab File: VX035923.D

Acq: 31 May 2023 09:39

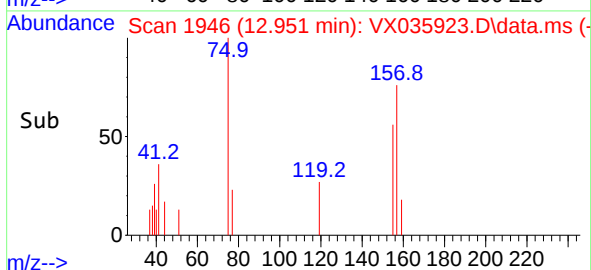
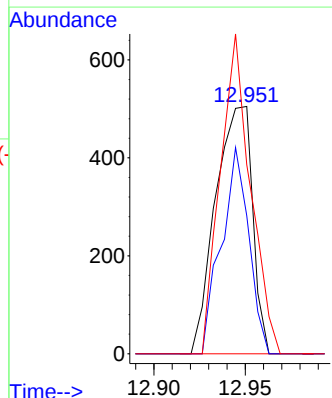
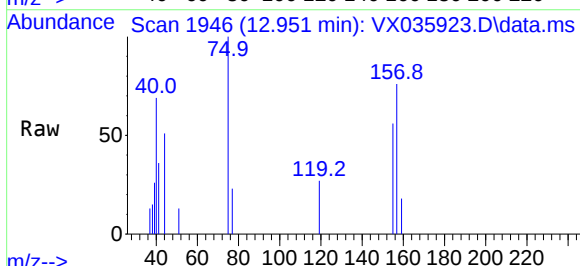
Tgt Ion: 75 Resp: 711

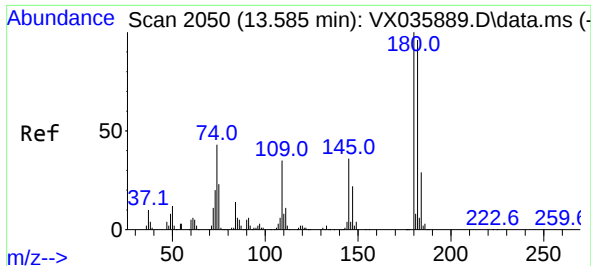
Ion Ratio Lower Upper

75 100

155 61.9 35.3 105.7

157 105.5 45.6 136.8

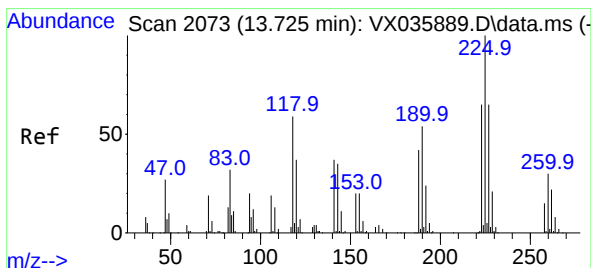
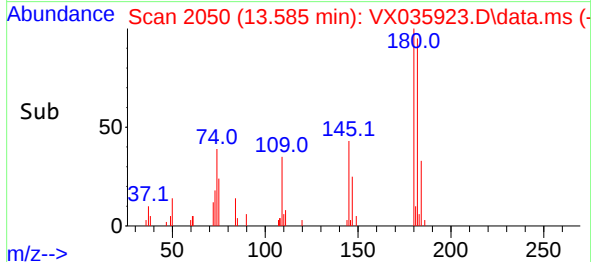
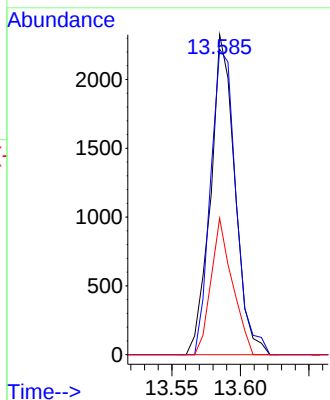
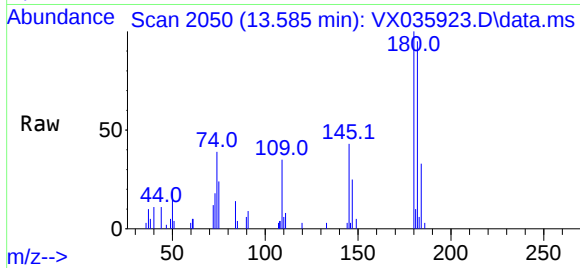




#93  
1,2,4-Trichlorobenzene  
Concen: 1.003 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

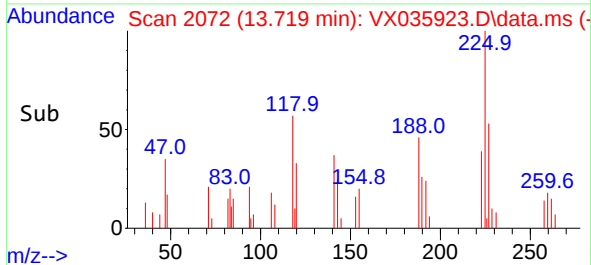
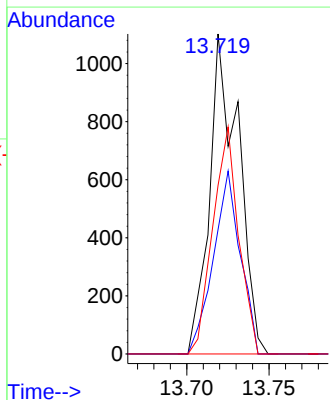
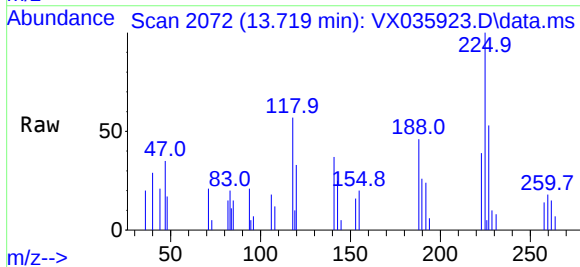
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

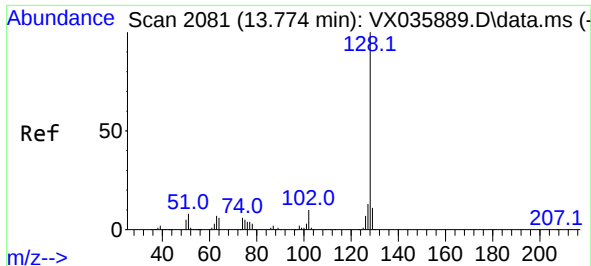
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2873  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 99.2  | 47.3  | 141.8 |
| 145      | 37.3  | 17.3  | 51.9  |



#94  
Hexachlorobutadiene  
Concen: 1.237 ug/l  
RT: 13.719 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 1347  |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 53.3  | 32.6  | 97.7  |
| 227      | 63.3  | 31.9  | 95.7  |

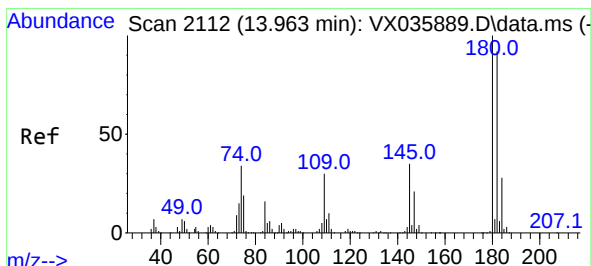
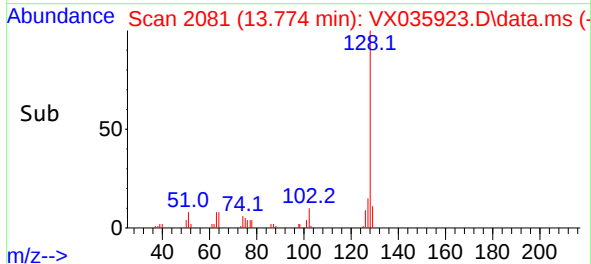
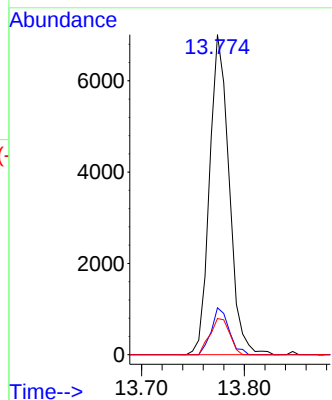
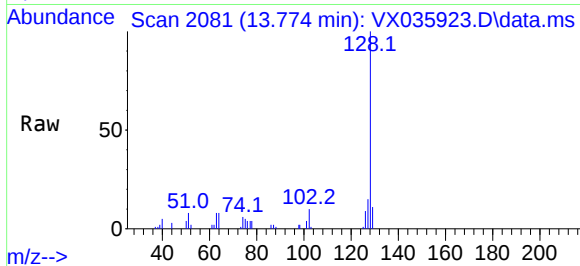




#95  
Naphthalene  
Concen: 0.931 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 9274  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.3  | 10.3  | 15.5  |
| 129      | 11.3  | 8.7   | 13.1  |



#96  
1,2,3-Trichlorobenzene  
Concen: 1.041 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. -0.006 min  
Lab File: VX035923.D  
Acq: 31 May 2023 09:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 2939  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.7  | 46.9  | 140.7 |
| 145      | 39.2  | 18.1  | 54.3  |

