

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090523\  
 Data File : VX037524.D  
 Acq On : 05 Sep 2023 20:03  
 Operator : JC/MD  
 Sample : 04254-02MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 06 02:59:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 72846    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 152446   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 153829   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 79383    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 5.952  | 65    | 73313    | 69.808   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | = 139.620%# |          |
| 35) Dibromofluoromethane     | 5.385  | 113   | 63069    | 62.468   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | = 124.940%# |          |
| 50) Toluene-d8               | 8.647  | 98    | 198588   | 54.226   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | = 108.460%  |          |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 86363    | 60.007   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | = 120.020%  |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 33206    | 39.242   | ug/l        | 99       |
| 3) Chloromethane             | 1.307  | 50    | 50890    | 68.743   | ug/l        | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 44984    | 55.825   | ug/l        | 99       |
| 5) Bromomethane              | 1.593  | 94    | 20112    | 50.106   | ug/l        | 100      |
| 6) Chloroethane              | 1.660  | 64    | 15133    | 31.914   | ug/l        | 97       |
| 7) Trichlorofluoromethane    | 1.867  | 101   | 52533    | 39.798   | ug/l        | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 38595    | 75.575   | ug/l        | 75       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 32304    | 41.951   | ug/l        | 95       |
| 10) Methyl Iodide            | 2.441  | 142   | 61840    | 66.075   | ug/l        | 91       |
| 11) Tert butyl alcohol       | 2.989  | 59    | 107723   | 437.269  | ug/l #      | 93       |
| 12) 1,1-Dichloroethene       | 2.306  | 96    | 39318    | 52.433   | ug/l        | 85       |
| 13) Acrolein                 | 2.239  | 56    | 65041    | 347.048  | ug/l        | 98       |
| 14) Allyl chloride           | 2.660  | 41    | 71024    | 61.192   | ug/l #      | 87       |
| 15) Acrylonitrile            | 3.068  | 53    | 198496   | 451.424  | ug/l        | 98       |
| 16) Acetone                  | 2.392  | 43    | 171410   | 417.208  | ug/l #      | 85       |
| 17) Carbon Disulfide         | 2.501  | 76    | 75811    | 39.745   | ug/l        | 99       |
| 18) Methyl Acetate           | 2.709  | 43    | 115889   | 74.915   | ug/l #      | 86       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 211332   | 74.308   | ug/l        | 96       |
| 20) Methylene Chloride       | 2.782  | 84    | 66378    | 72.245   | ug/l #      | 84       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 48054    | 56.372   | ug/l        | 86       |
| 22) Diisopropyl ether        | 3.763  | 45    | 168313   | 70.668   | ug/l #      | 82       |
| 23) Vinyl Acetate            | 3.721  | 43    | 583478   | 319.685  | ug/l #      | 90       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 98183    | 65.737   | ug/l        | 96       |
| 25) 2-Butanone               | 4.562  | 43    | 262470   | 424.285  | ug/l #      | 84       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 47167    | 35.361   | ug/l        | 91       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 67725    | 67.392   | ug/l        | 82       |
| 28) Bromochloromethane       | 4.897  | 49    | 41690    | 62.484   | ug/l #      | 70       |
| 29) Tetrahydrofuran          | 5.013  | 42    | 164077   | 415.900  | ug/l #      | 80       |
| 30) Chloroform               | 5.092  | 83    | 112935   | 67.359   | ug/l        | 98       |
| 31) Cyclohexane              | 5.464  | 56    | 48789    | 41.316   | ug/l        | 86       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 81822    | 54.459   | ug/l        | 96       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 58588    | 40.845   | ug/l        | 97       |
| 37) Ethyl Acetate            | 4.721  | 43    | 84383    | 57.590   | ug/l #      | 92       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 64188    | 41.195   | ug/l        | 99       |
| 39) Methylcyclohexane        | 7.379  | 83    | 51677    | 34.291   | ug/l        | 89       |
| 40) Benzene                  | 6.037  | 78    | 227032   | 55.188   | ug/l        | 97       |

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 Sample : 04254-02MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 06 02:59:56 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 50690    | 66.548   | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 90632    | 56.179   | ug/l   | 92       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 136459   | 58.661   | ug/l # | 90       |
| 44) Trichloroethene           | 7.129  | 130  | 54116    | 46.392   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 61999    | 61.122   | ug/l   | 98       |
| 46) Dibromomethane            | 7.580  | 93   | 48578    | 60.792   | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.824  | 83   | 88524    | 57.838   | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.696  | 41   | 71819    | 63.307   | ug/l # | 80       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 52249    | 1710.113 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 508615   | 360.067  | ug/l   | 88       |
| 52) Toluene                   | 8.720  | 92   | 147461   | 54.252   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 89232    | 54.755   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 95523    | 54.241   | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 75047    | 67.806   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 115494   | 66.620   | ug/l # | 81       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 120778   | 64.733   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.372  | 63   | 559      | 0.672    | ug/l # | 47       |
| 59) 2-Hexanone                | 9.433  | 43   | 399710   | 371.119  | ug/l   | 84       |
| 60) Dibromochloromethane      | 9.525  | 129  | 75178    | 63.797   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 78831    | 65.053   | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 38864    | 34.632   | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 166287   | 51.146   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 67669    | 56.393   | ug/l   | 100      |
| 67) Ethyl Benzene             | 10.195 | 91   | 262331   | 45.855   | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 207519   | 93.931   | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 111499   | 51.153   | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 195256   | 54.381   | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 56971    | 63.472   | ug/l # | 100      |
| 73) Isopropylbenzene          | 10.963 | 105  | 255333   | 44.252   | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 115835   | 51.666   | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 129074   | 66.424   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 133193   | 78.784   | ug/l   | 91       |
| 77) Bromobenzene              | 11.201 | 156  | 77014    | 54.652   | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 276455   | 43.028   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 200676   | 48.876   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 227772   | 47.323   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 30728    | 50.766   | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 223202   | 47.094   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 231008   | 50.325   | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 235407   | 48.394   | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 242126   | 45.159   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 208722   | 45.221   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 131352   | 49.787   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 133823   | 49.096   | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 154173   | 40.289   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 38101    | 49.457   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 146891   | 56.858   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 29463    | 65.254   | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 76307    | 50.480   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 23132    | 39.611   | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 344452   | 52.020   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 83965    | 55.909   | ug/l   | 99       |

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Sample : 04254-02MS  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Sep 06 02:59:56 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

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

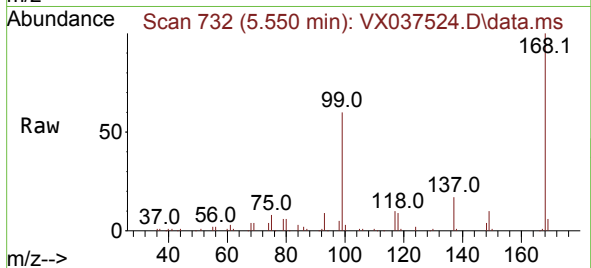
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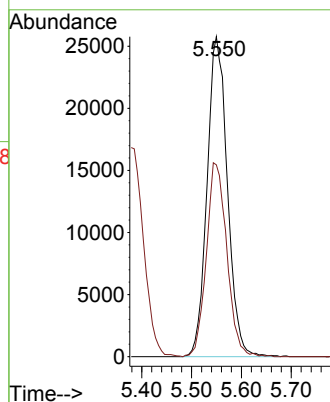
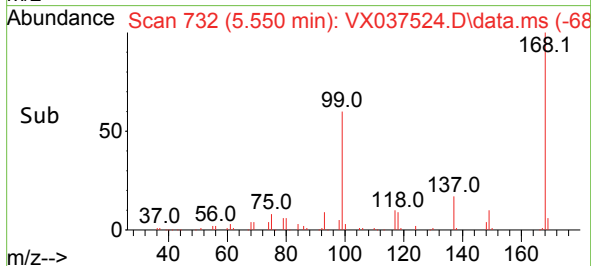


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

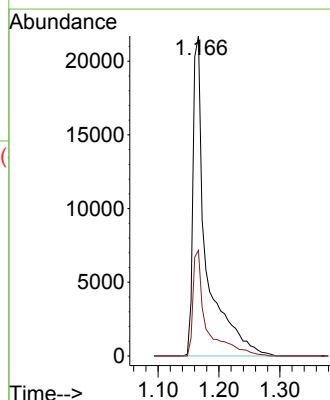
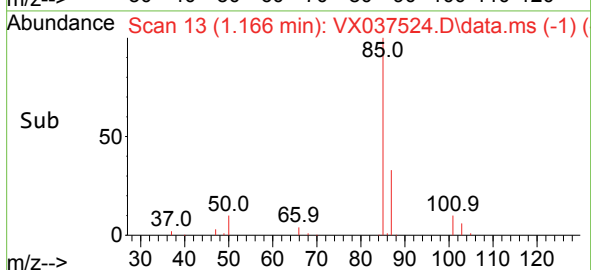
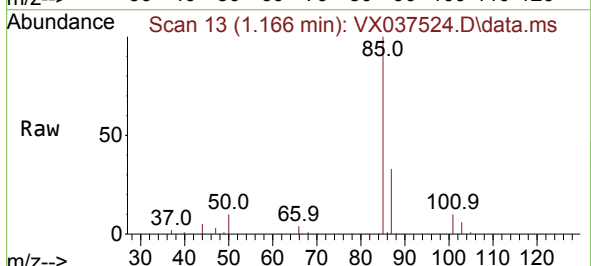


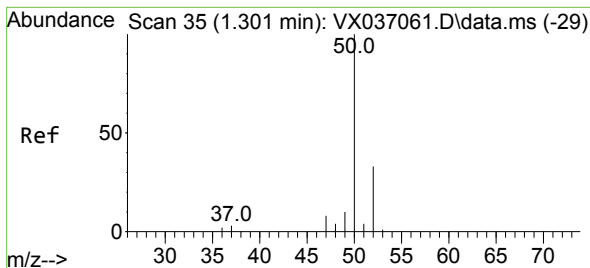
Tgt Ion:168 Resp: 72846  
Ion Ratio Lower Upper  
168 100  
99 59.9 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 39.242 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 85 Resp: 33206  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.7 50.1





#3

Chloromethane

Concen: 68.743 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

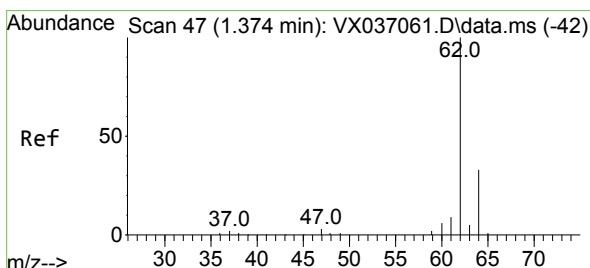
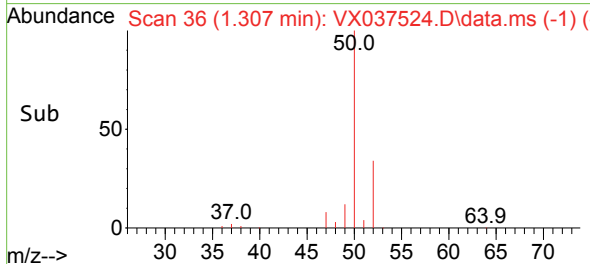
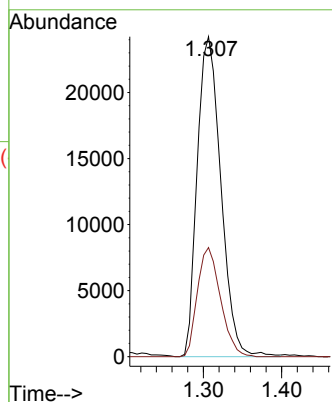
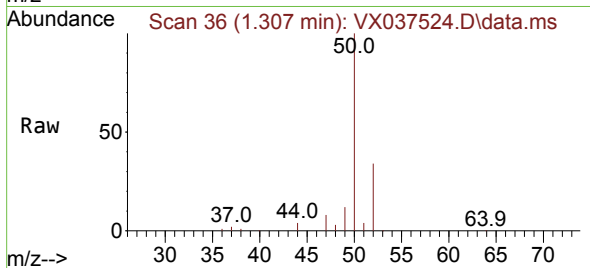
ClientSampleId :

Tgt Ion: 50 Resp: 50890

Ion Ratio Lower Upper

50 100

52 34.1 25.5 38.3



#4

Vinyl Chloride

Concen: 55.825 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX037524.D

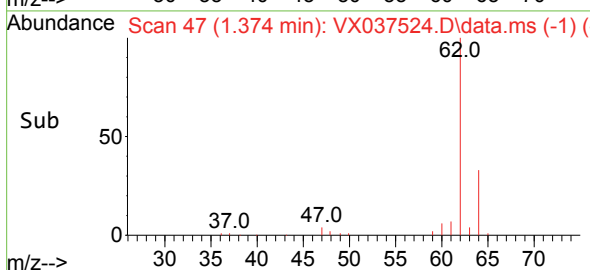
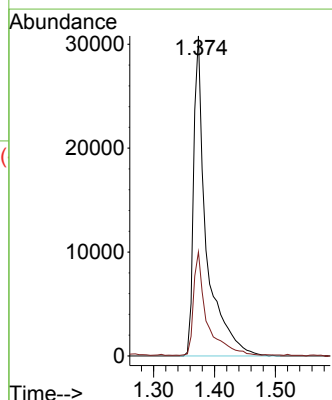
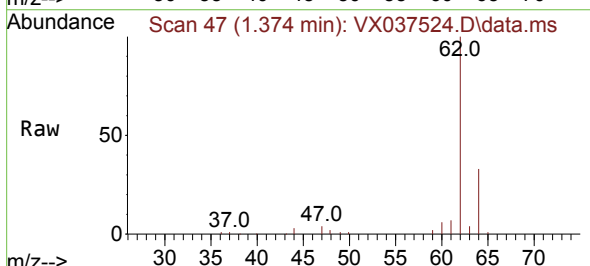
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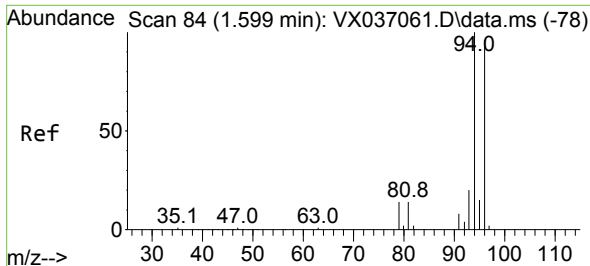
Tgt Ion: 62 Resp: 44984

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0

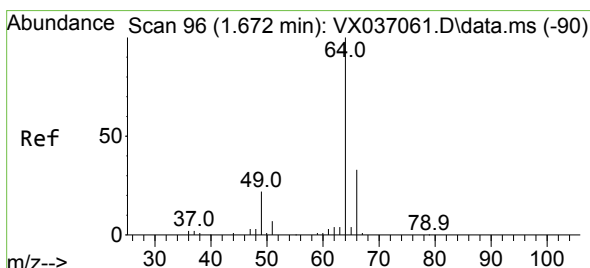
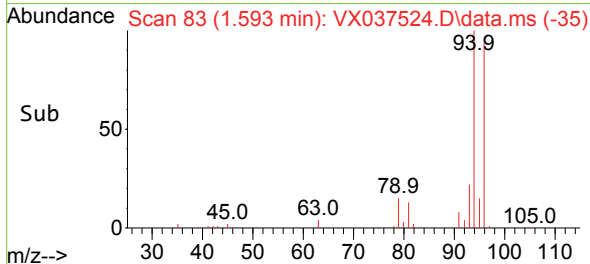
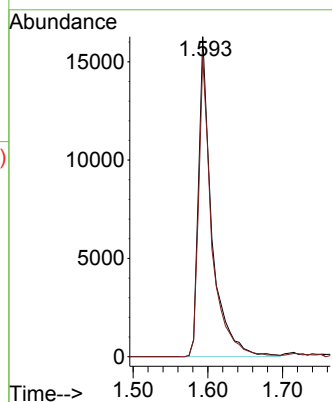
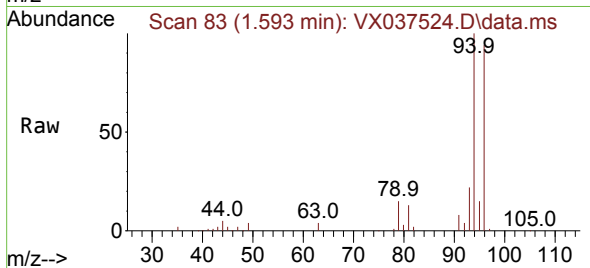




#5  
Bromomethane  
Concen: 50.106 ug/l  
RT: 1.593 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

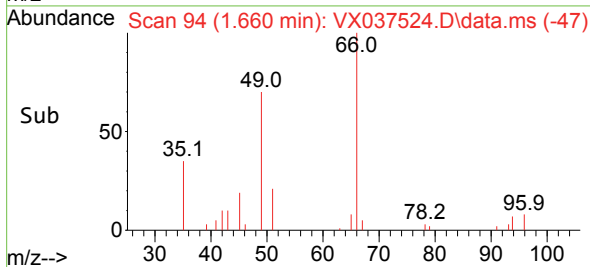
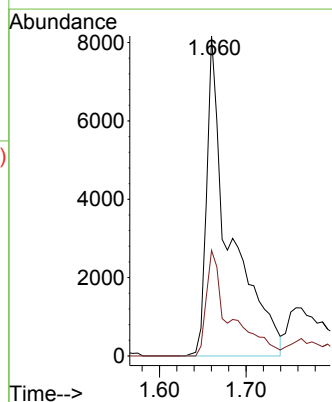
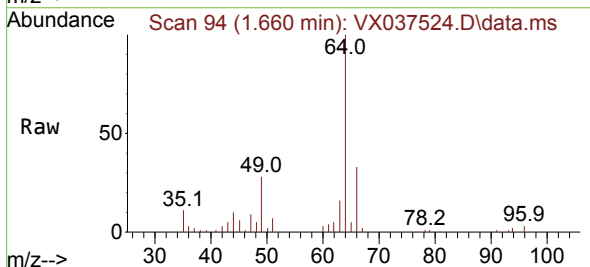
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 94 Resp: 20112  
Ion Ratio Lower Upper  
94 100  
96 93.6 74.6 111.8



#6  
Chloroethane  
Concen: 31.914 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.012 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 64 Resp: 15133  
Ion Ratio Lower Upper  
64 100  
66 33.0 25.1 37.7

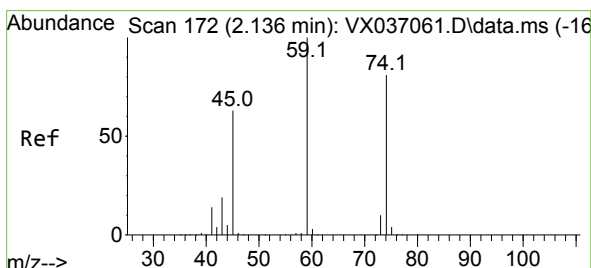
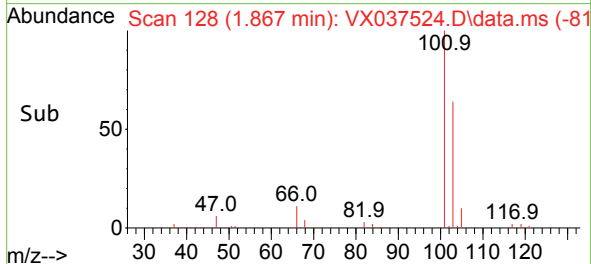
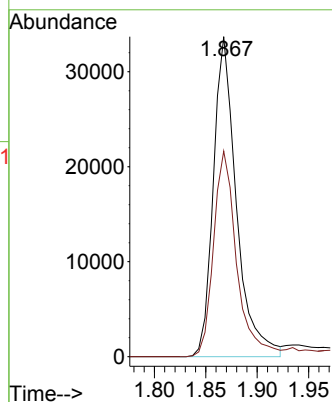
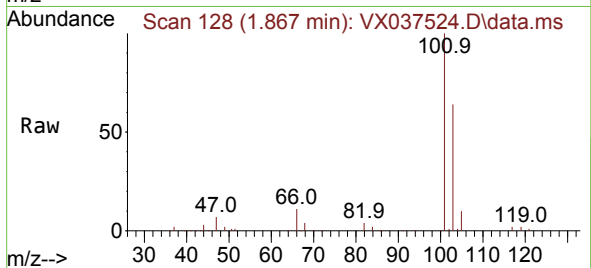




#7  
 Trichlorofluoromethane  
 Concen: 39.798 ug/l  
 RT: 1.867 min Scan# 11  
 Delta R.T. -0.013 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

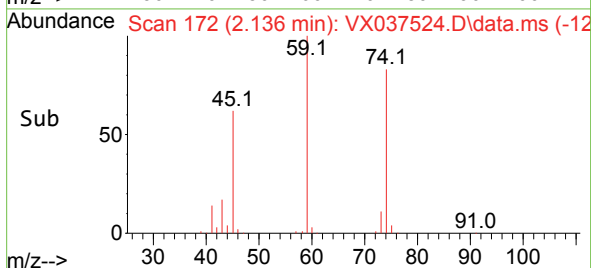
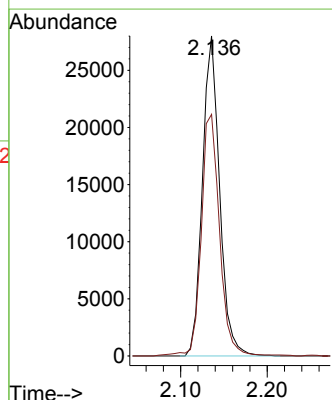
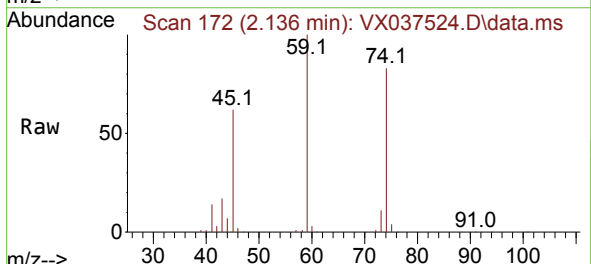
Instrument :  
 MSVOA\_X  
 ClientSampleId :

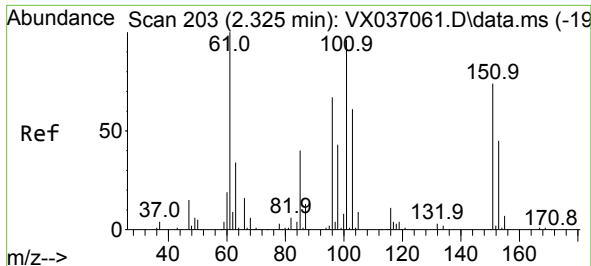
Tgt Ion:101 Resp: 52533  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 51.4 77.2



#8  
 Diethyl Ether  
 Concen: 75.575 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

Tgt Ion: 74 Resp: 38595  
 Ion Ratio Lower Upper  
 74 100  
 45 80.4 53.3 159.8

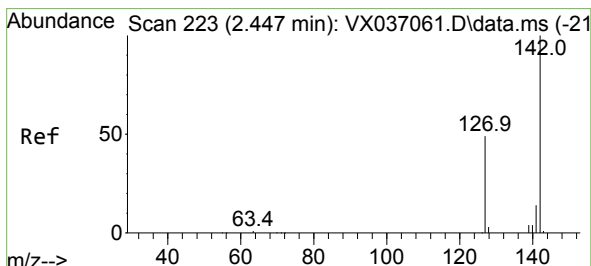
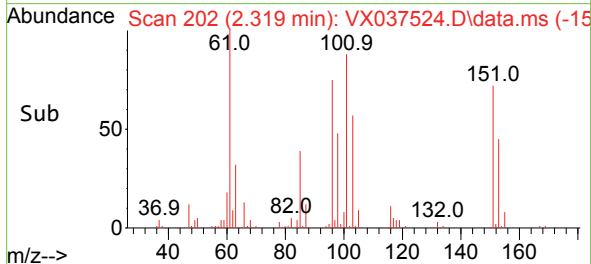
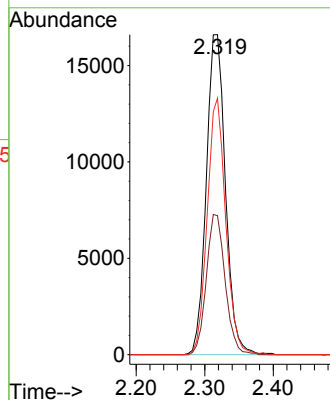
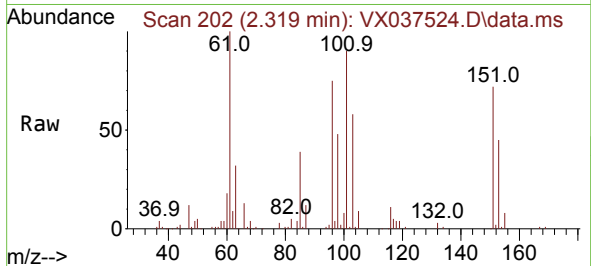




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 41.951 ug/l  
RT: 2.319 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

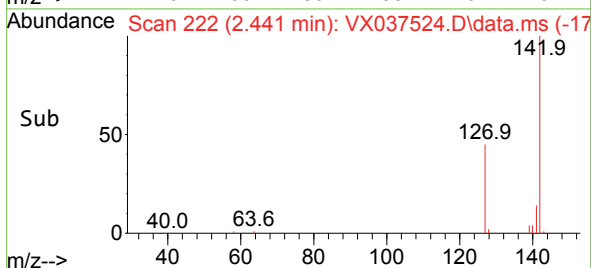
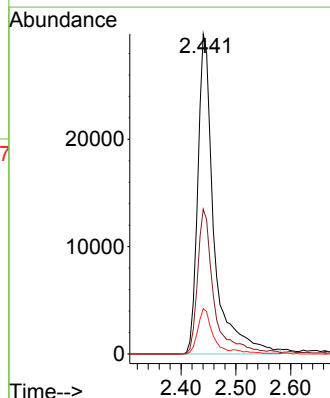
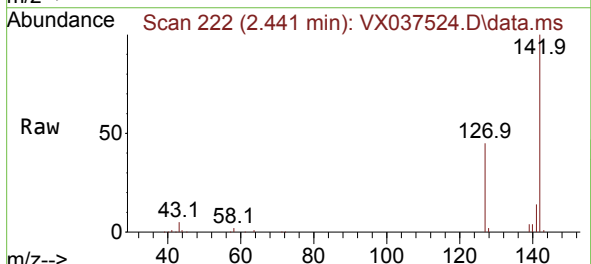
Instrument :  
MSVOA\_X  
ClientSampleId :

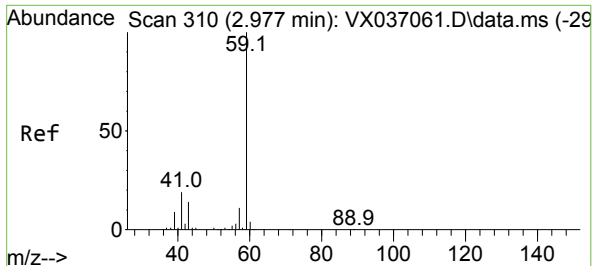
Tgt Ion:101 Resp: 32304  
Ion Ratio Lower Upper  
101 100  
85 43.1 37.0 55.6  
151 77.5 58.6 87.8



#10  
Methyl Iodide  
Concen: 66.075 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion:142 Resp: 61840  
Ion Ratio Lower Upper  
142 100  
127 45.1 41.6 62.4  
141 12.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 437.269 ug/l

RT: 2.989 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

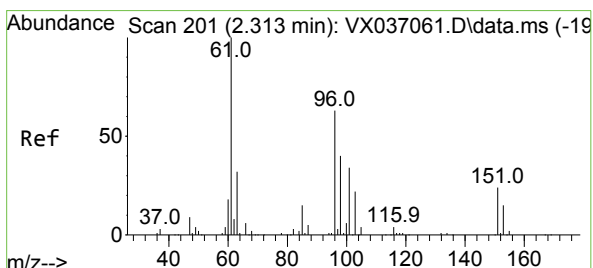
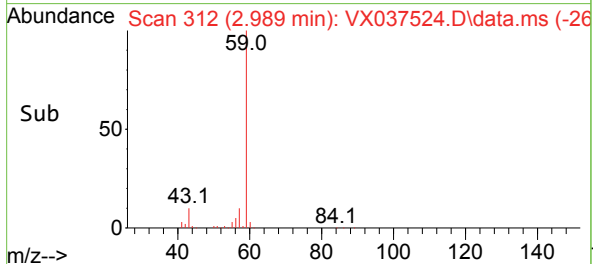
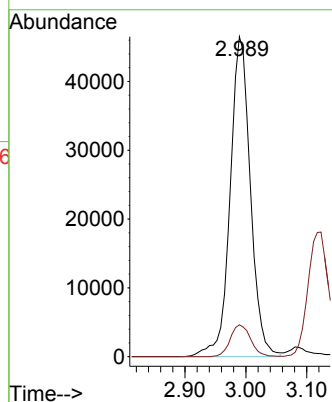
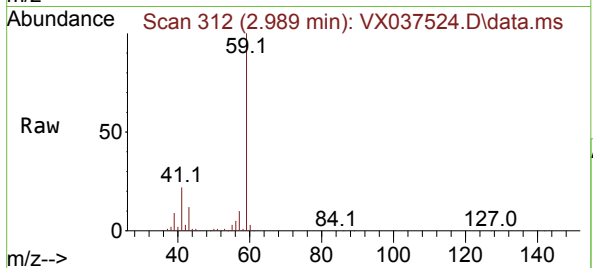
ClientSampleId :

Tgt Ion: 59 Resp: 107723

Ion Ratio Lower Upper

59 100

57 10.1 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 52.433 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

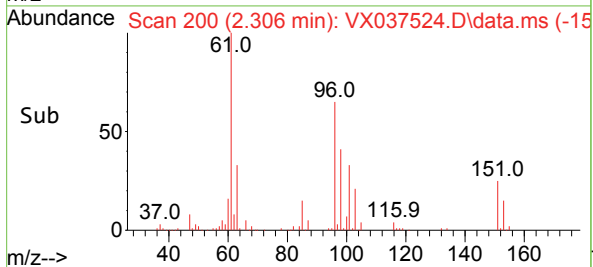
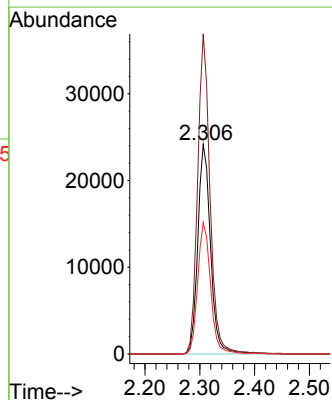
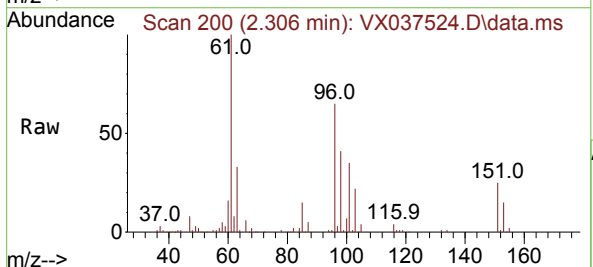
Tgt Ion: 96 Resp: 39318

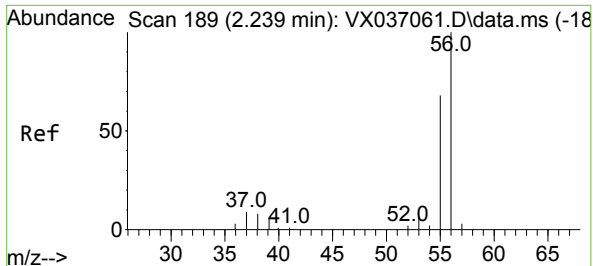
Ion Ratio Lower Upper

96 100

61 152.8 144.6 216.8

98 62.7 50.4 75.6





#13

Acrolein

Concen: 347.048 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

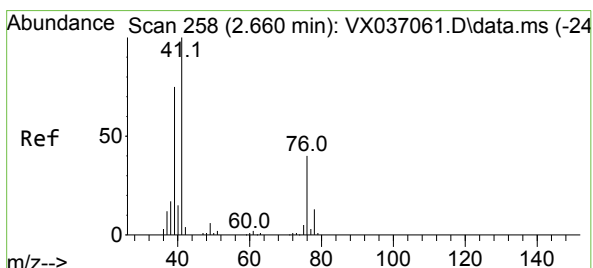
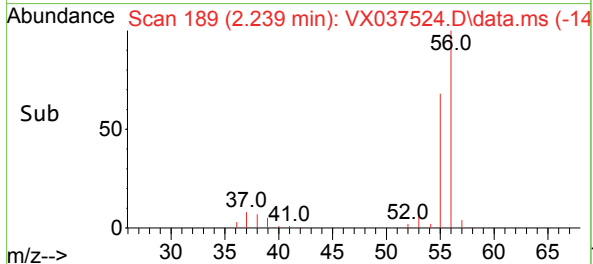
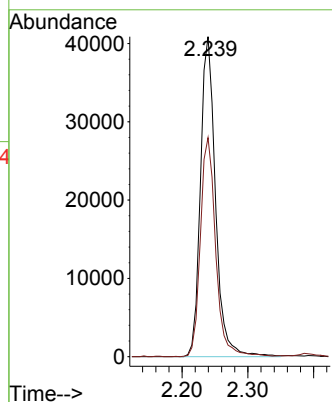
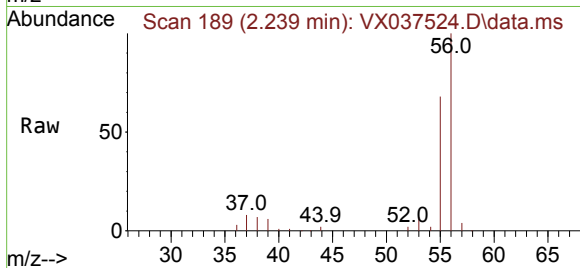
ClientSampleId :

Tgt Ion: 56 Resp: 65041

Ion Ratio Lower Upper

56 100

55 69.8 57.1 85.7



#14

Allyl chloride

Concen: 61.192 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

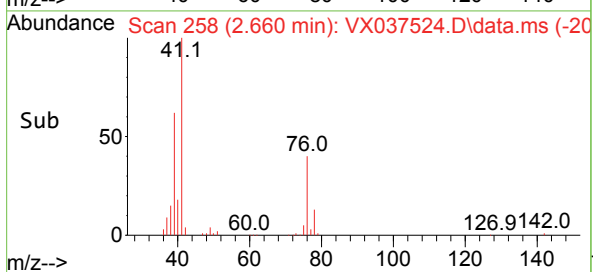
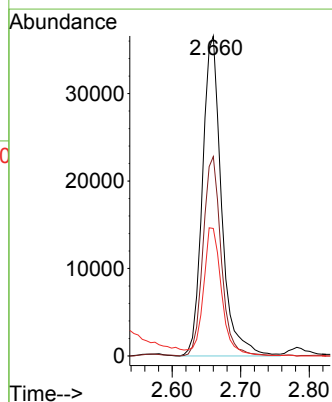
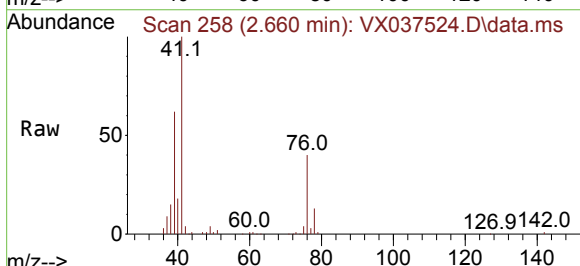
Tgt Ion: 41 Resp: 71024

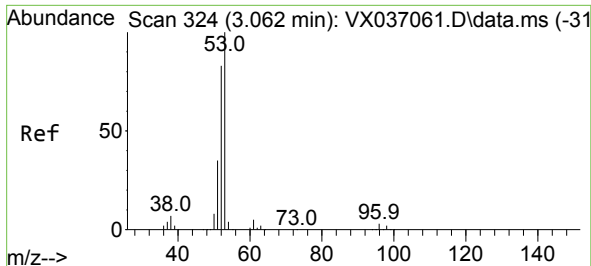
Ion Ratio Lower Upper

41 100

39 59.2 55.8 83.6

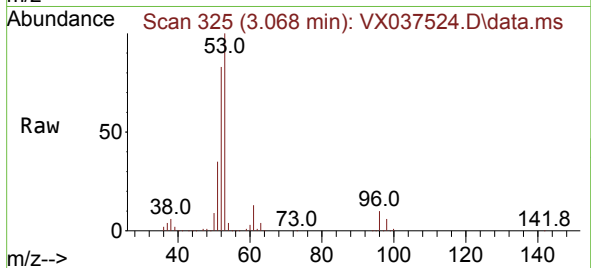
76 38.2 24.3 36.5#



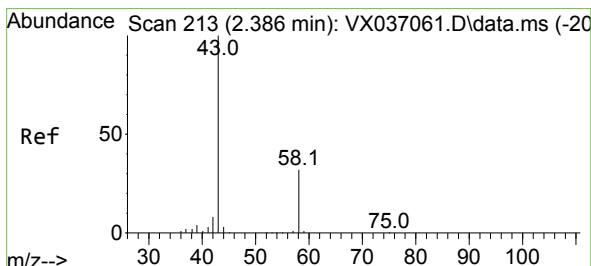
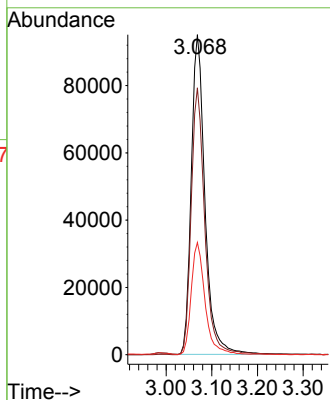
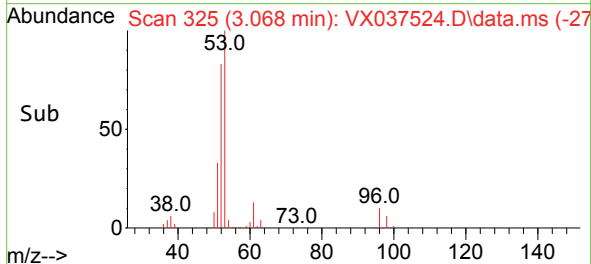


#15  
Acrylonitrile  
Concen: 451.424 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

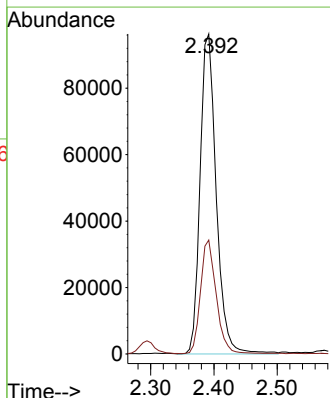
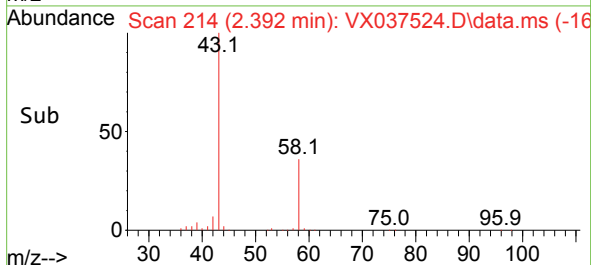
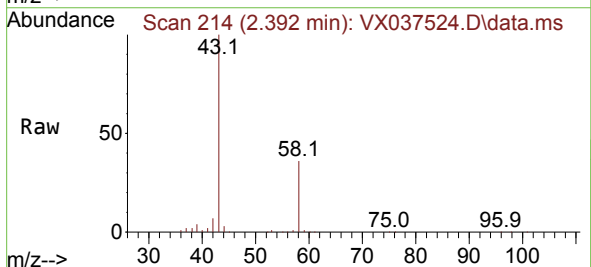


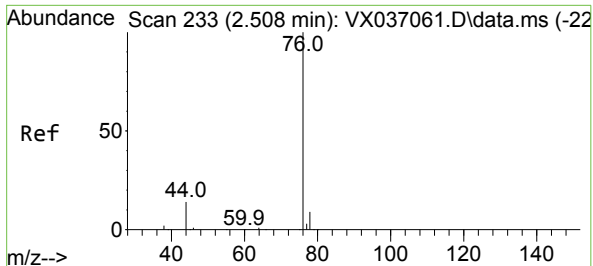
Tgt Ion: 53 Resp: 198496  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.0 99.0  
51 35.0 29.8 44.6



#16  
Acetone  
Concen: 417.208 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

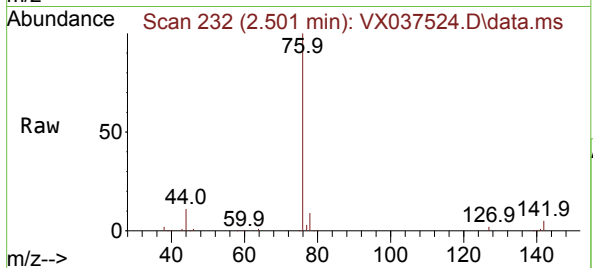
Tgt Ion: 43 Resp: 171410  
Ion Ratio Lower Upper  
43 100  
58 35.5 21.9 32.9#



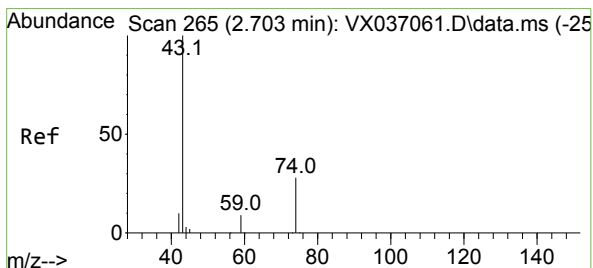
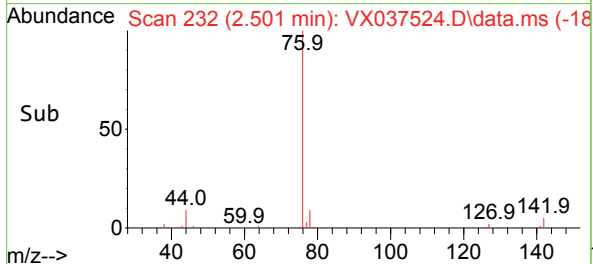
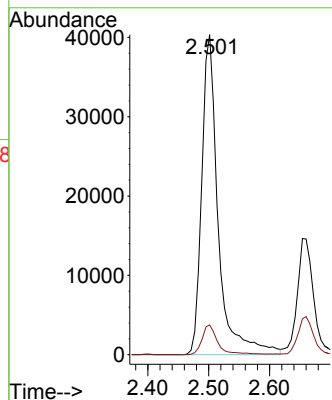


#17  
Carbon Disulfide  
Concen: 39.745 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

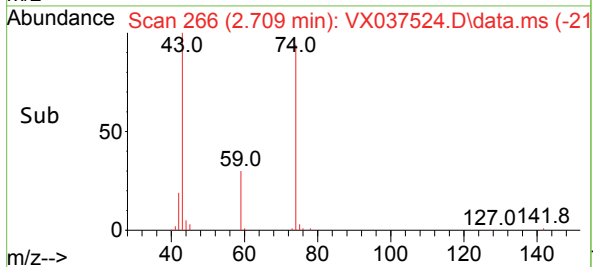
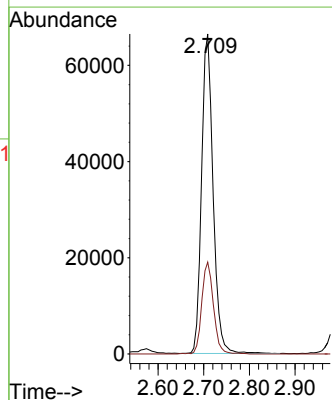
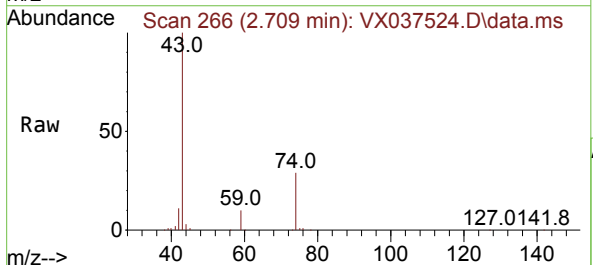


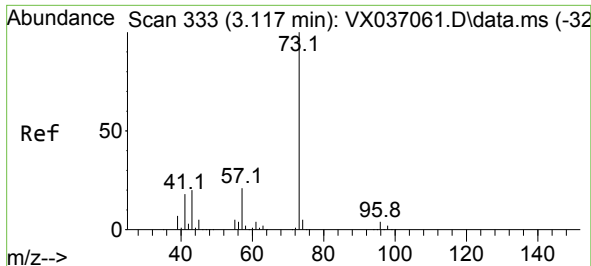
Tgt Ion: 76 Resp: 75811  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.6



#18  
Methyl Acetate  
Concen: 74.915 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 43 Resp: 115889  
Ion Ratio Lower Upper  
43 100  
74 29.2 17.8 26.8#

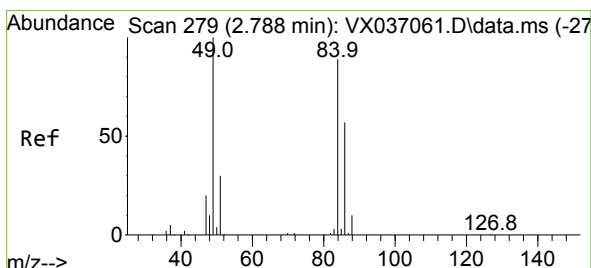
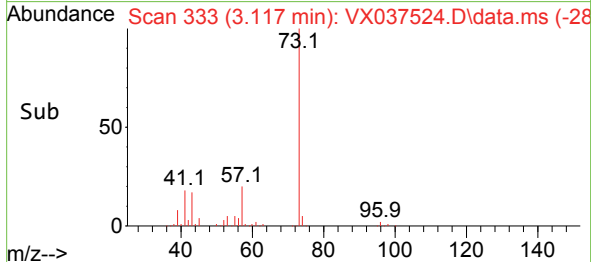
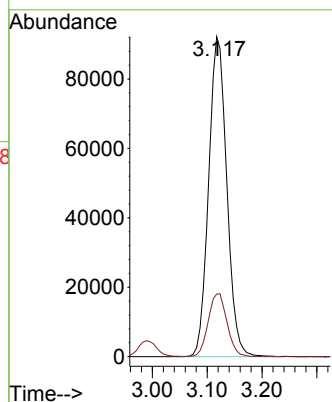
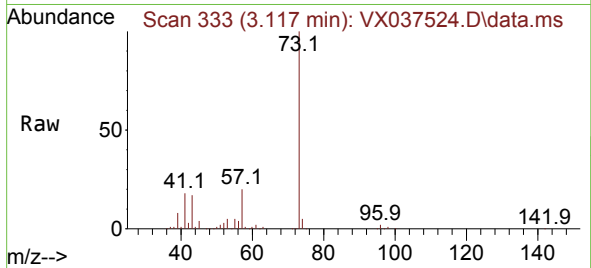




#19  
Methyl tert-butyl Ether  
Concen: 74.308 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

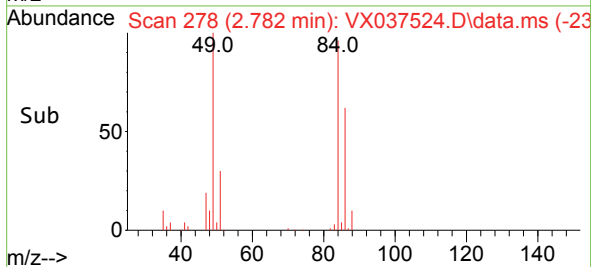
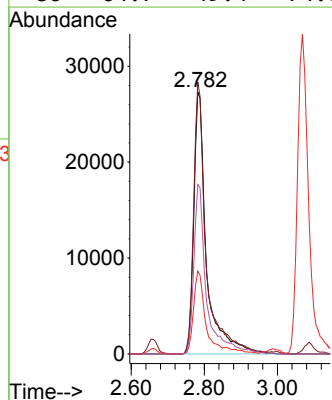
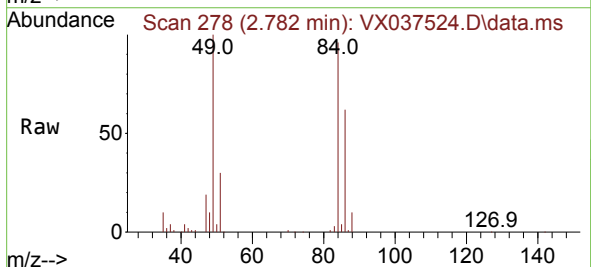
Instrument :  
MSVOA\_X  
ClientSampleId :

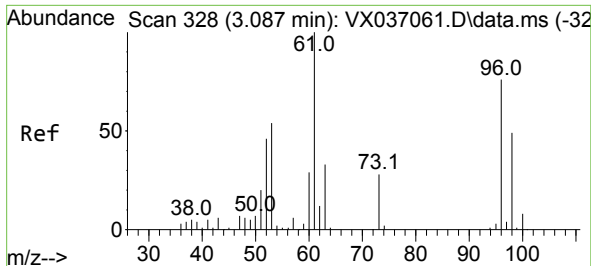
Tgt Ion: 73 Resp: 211332  
Ion Ratio Lower Upper  
73 100  
57 19.6 17.3 25.9



#20  
Methylene Chloride  
Concen: 72.245 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

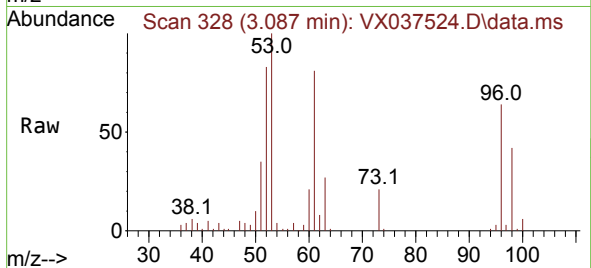
Tgt Ion: 84 Resp: 66378  
Ion Ratio Lower Upper  
84 100  
49 103.9 103.6 155.4  
51 31.6 33.8 50.6#  
86 64.7 49.4 74.0



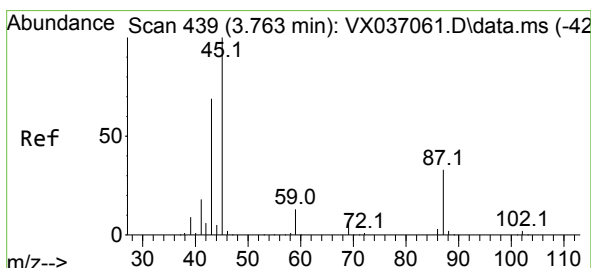
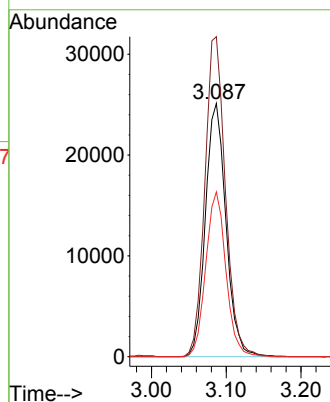
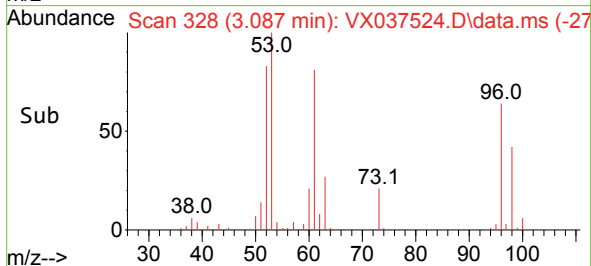


#21  
trans-1,2-Dichloroethene  
Concen: 56.372 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

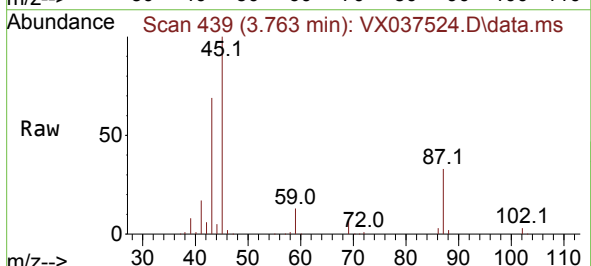
Instrument :  
MSVOA\_X  
ClientSampleId :



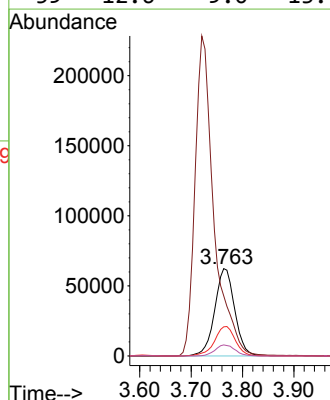
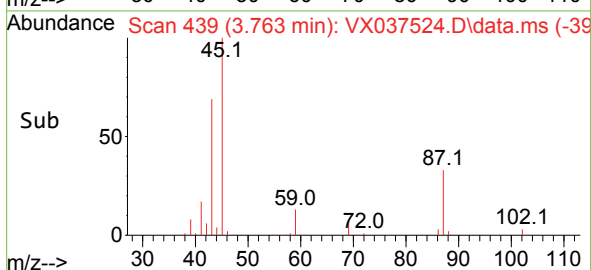
Tgt Ion: 96 Resp: 48054  
Ion Ratio Lower Upper  
96 100  
61 126.4 119.2 178.8  
98 65.1 48.7 73.1

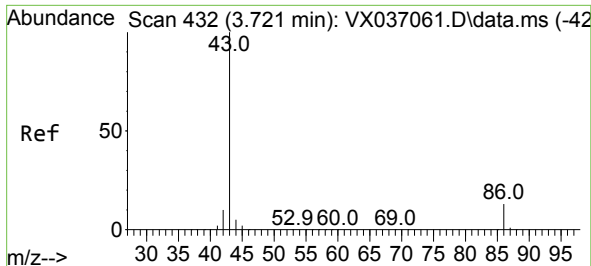


#22  
Diisopropyl ether  
Concen: 70.668 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03



Tgt Ion: 45 Resp: 168313  
Ion Ratio Lower Upper  
45 100  
43 68.3 69.7 104.5#  
87 33.4 20.8 31.2#  
59 12.6 9.0 13.4

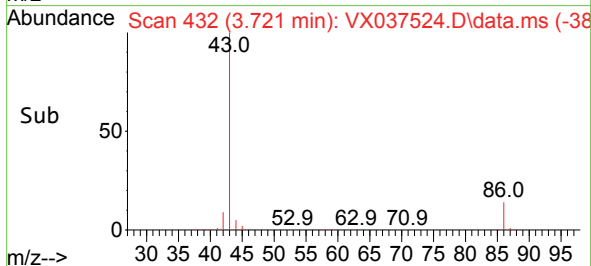
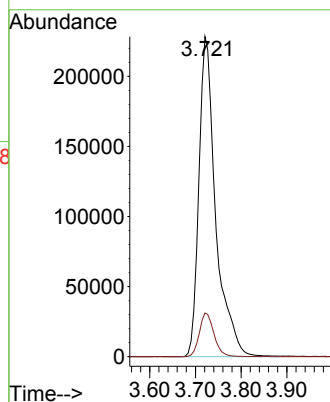
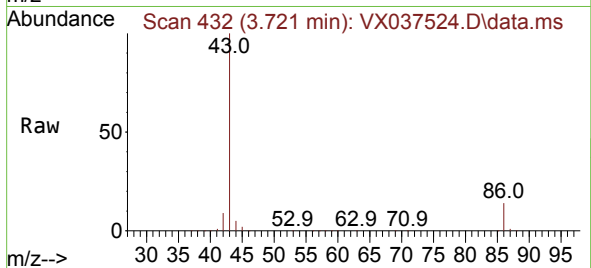




#23  
 Vinyl Acetate  
 Concen: 319.685 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

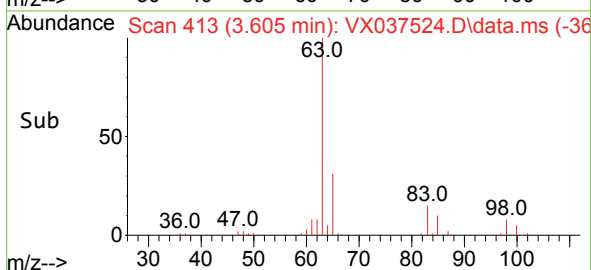
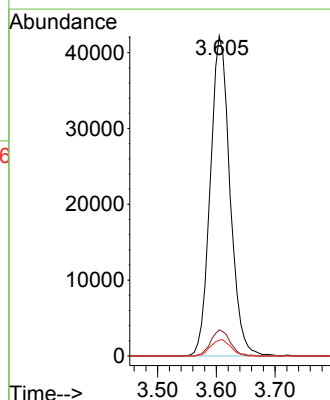
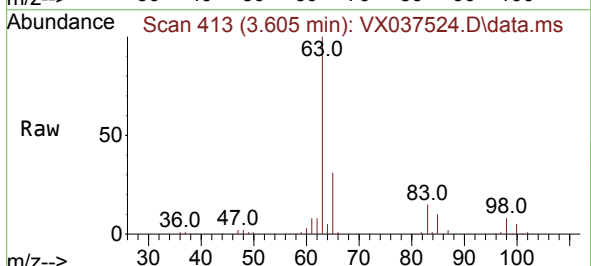
Instrument :  
 MSVOA\_X  
 ClientSampleId :

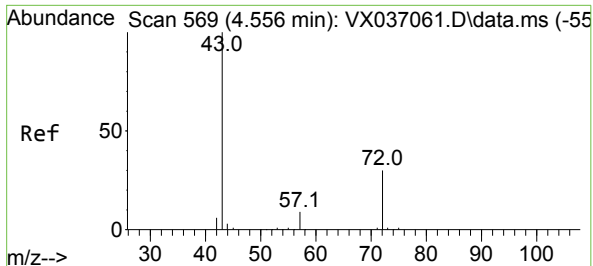
Tgt Ion: 43 Resp: 583478  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 7.8 11.8#



#24  
 1,1-Dichloroethane  
 Concen: 65.737 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

Tgt Ion: 63 Resp: 98183  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.3 9.8  
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 424.285 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

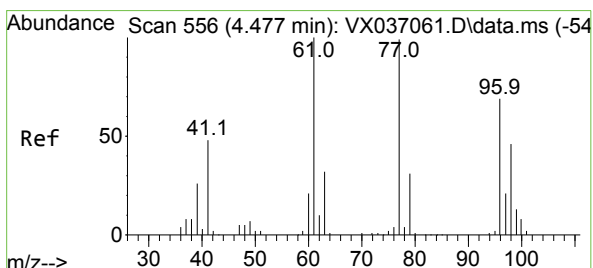
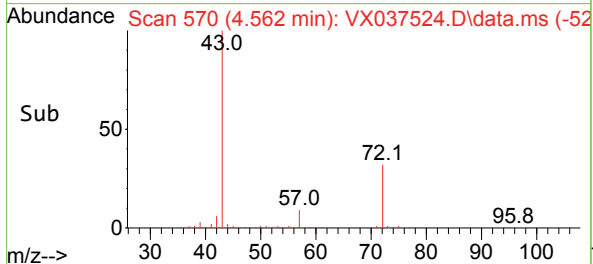
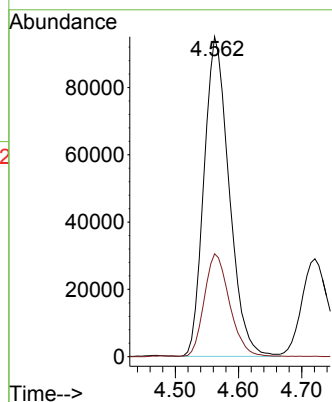
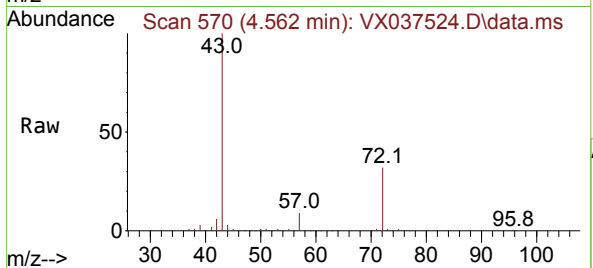
ClientSampleId :

Tgt Ion: 43 Resp: 262470

Ion Ratio Lower Upper

43 100

72 32.0 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 35.361 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037524.D

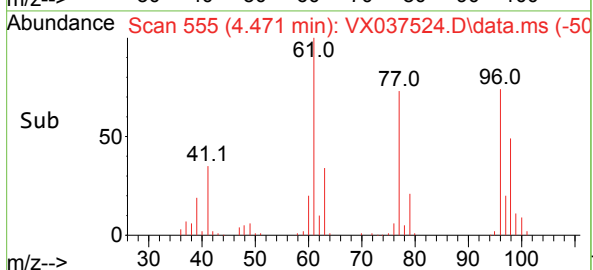
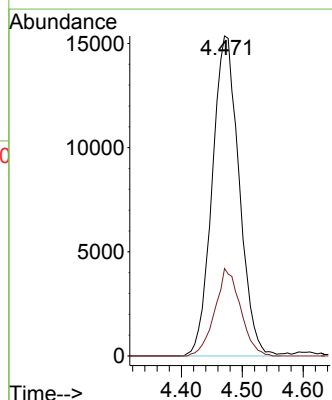
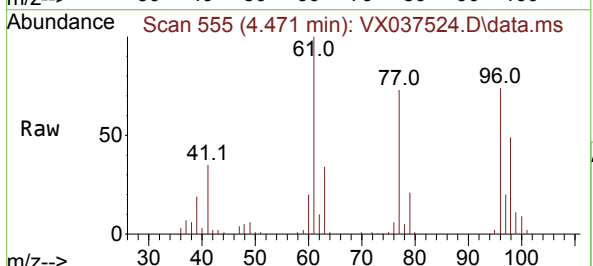
Acq: 05 Sep 2023 20:03

Tgt Ion: 77 Resp: 47167

Ion Ratio Lower Upper

77 100

97 26.0 10.8 32.3

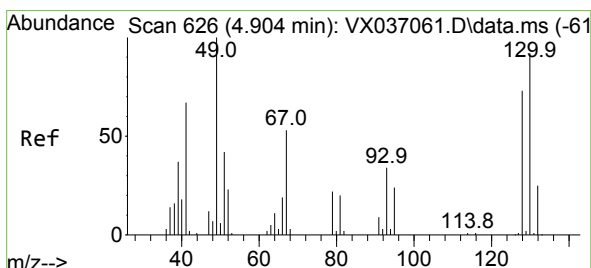
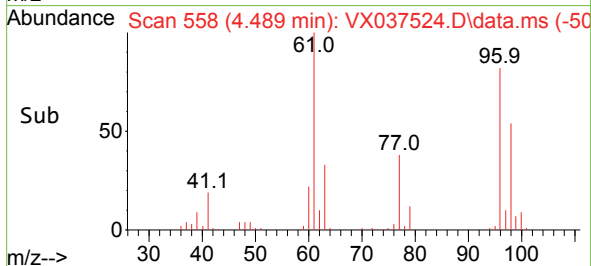
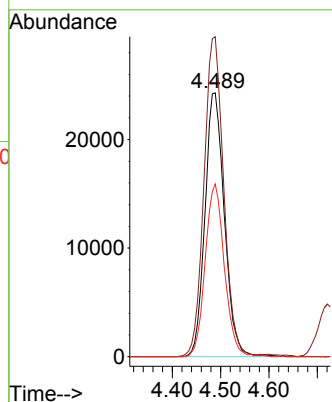
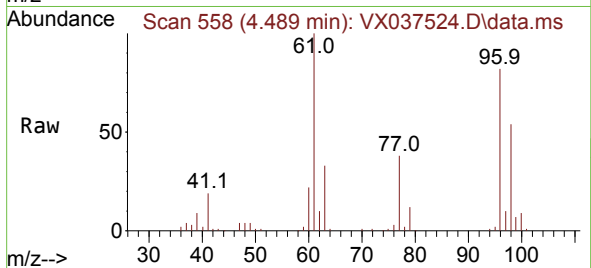




#27  
 cis-1,2-Dichloroethene  
 Concen: 67.392 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

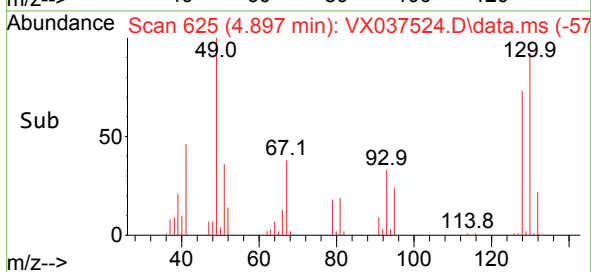
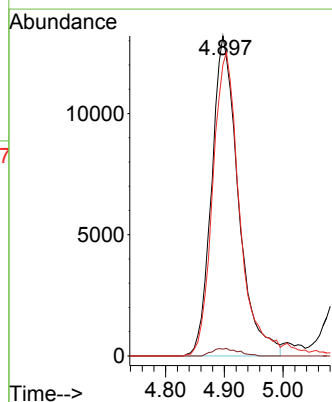
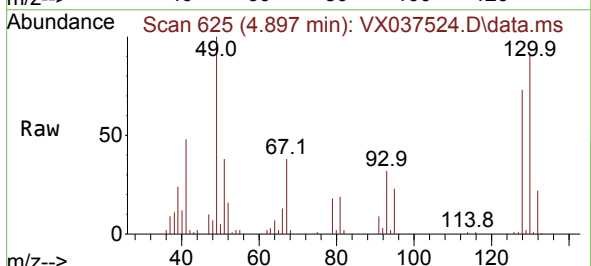
Instrument :  
 MSVOA\_X  
 ClientSampleId :

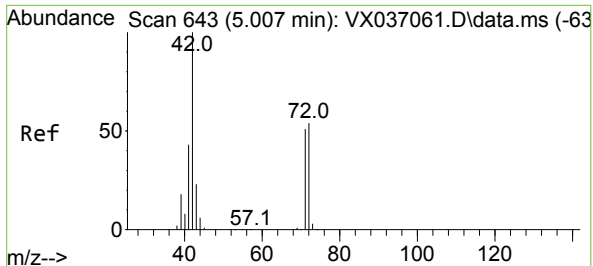
Tgt Ion: 96 Resp: 67725  
 Ion Ratio Lower Upper  
 96 100  
 61 123.3 0.0 312.2  
 98 64.7 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 62.484 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

Tgt Ion: 49 Resp: 41690  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 3.8  
 130 97.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 415.900 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

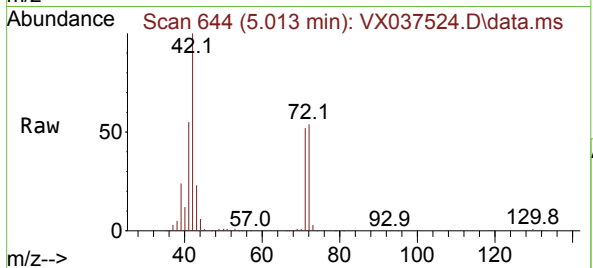
Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :



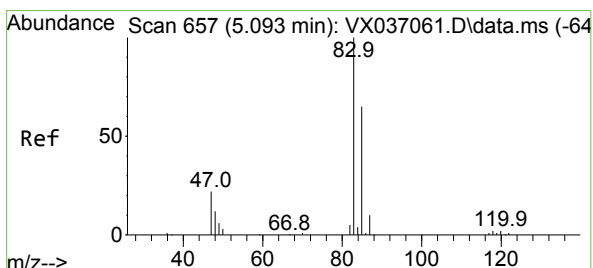
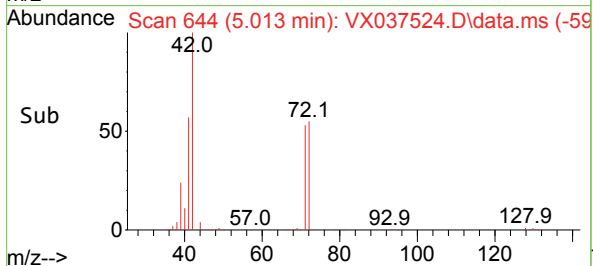
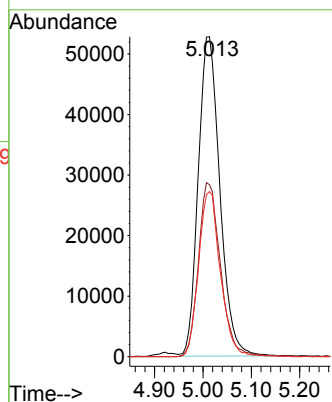
Tgt Ion: 42 Resp: 164077

Ion Ratio Lower Upper

42 100

72 55.6 34.2 51.4#

71 52.2 32.2 48.2#



#30

Chloroform

Concen: 67.359 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037524.D

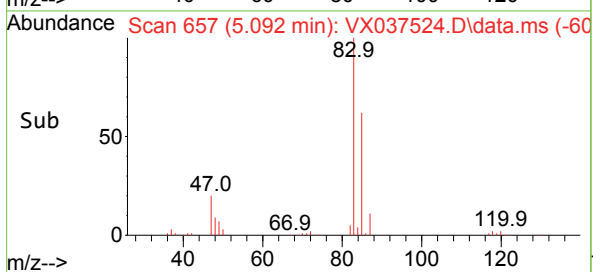
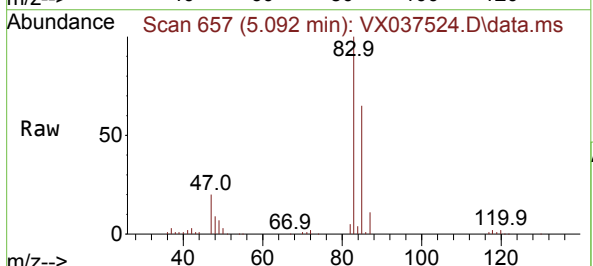
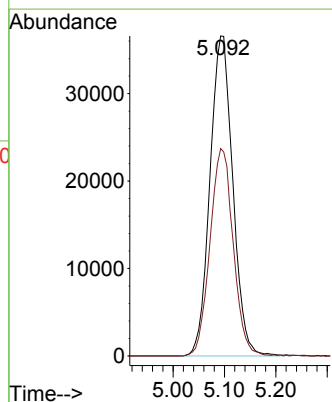
Acq: 05 Sep 2023 20:03

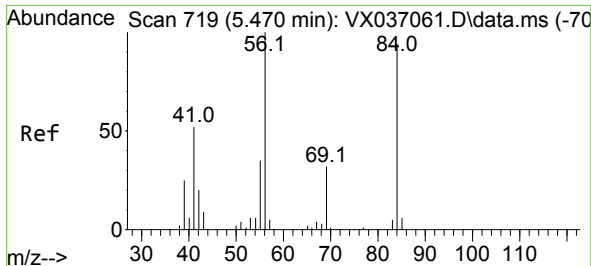
Tgt Ion: 83 Resp: 112935

Ion Ratio Lower Upper

83 100

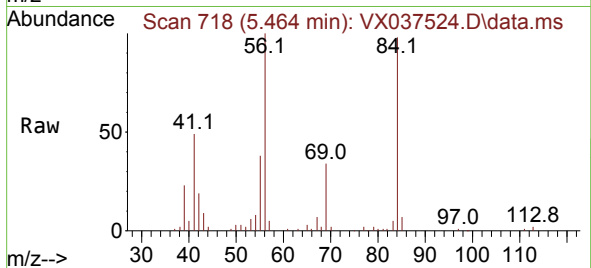
85 64.8 50.3 75.5



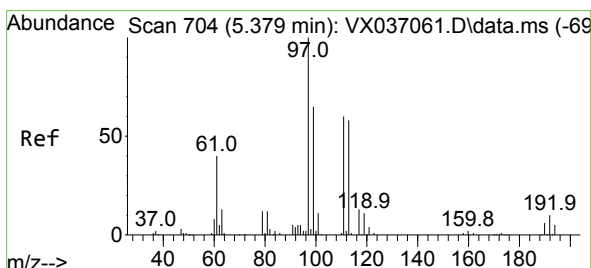
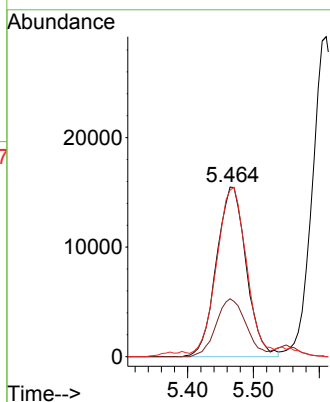
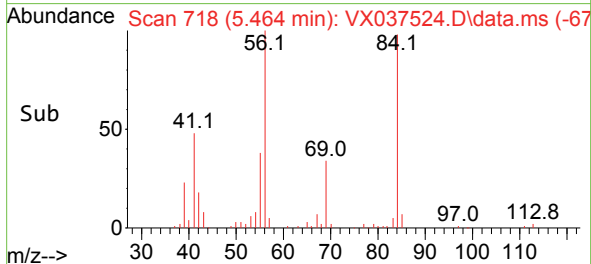


#31  
Cyclohexane  
Concen: 41.316 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

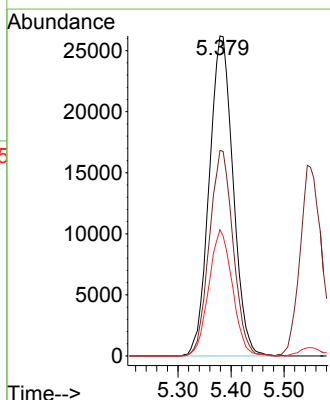
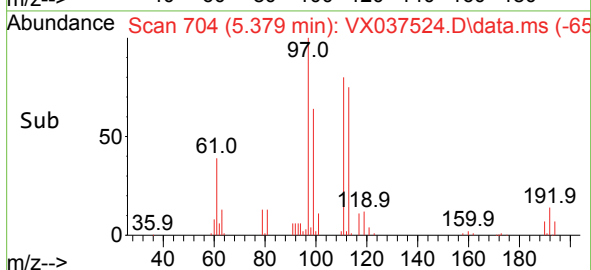
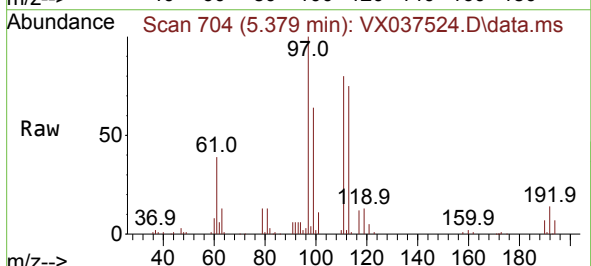


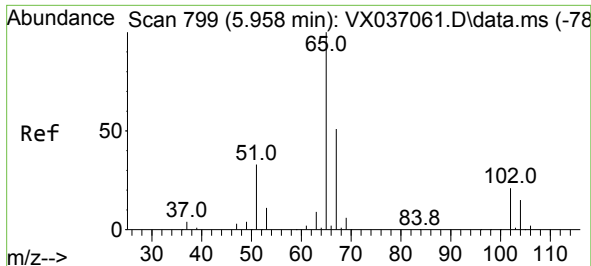
Tgt Ion: 56 Resp: 48789  
Ion Ratio Lower Upper  
56 100  
69 34.1 23.4 35.2  
84 96.0 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 54.459 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 97 Resp: 81822  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.1 76.7  
61 39.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 69.808 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

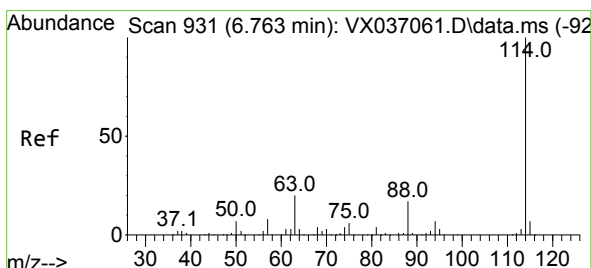
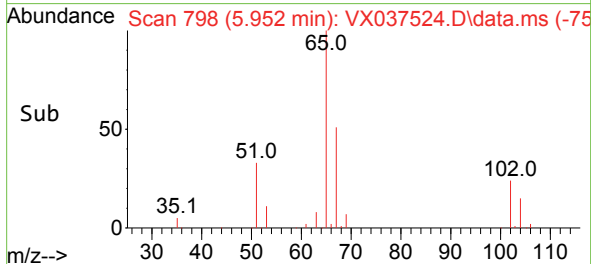
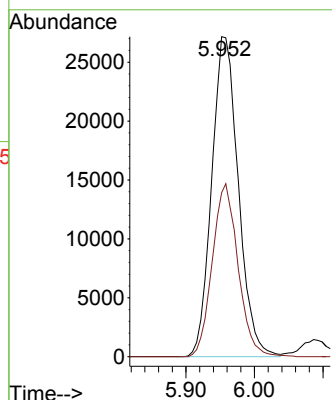
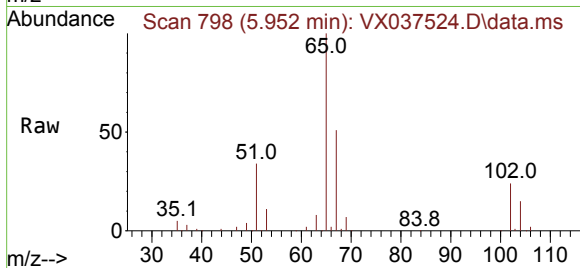
ClientSampleId :

Tgt Ion: 65 Resp: 73313

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

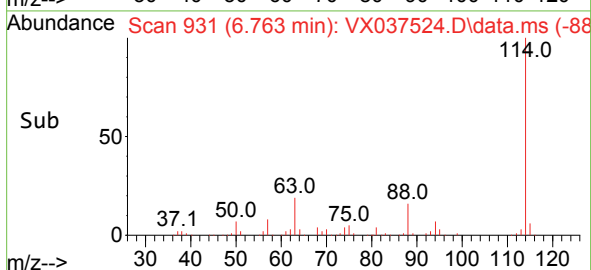
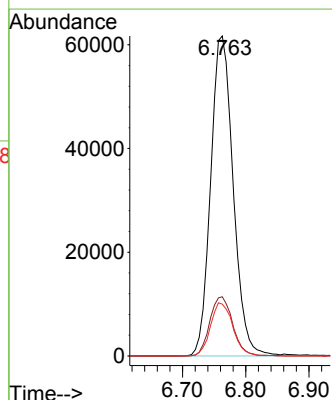
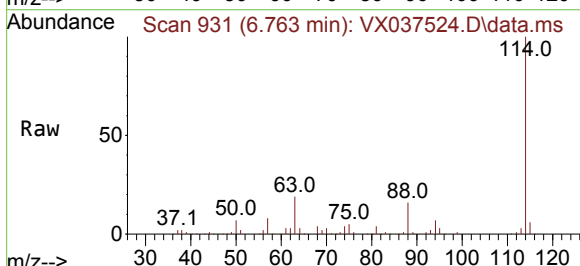
Tgt Ion: 114 Resp: 152446

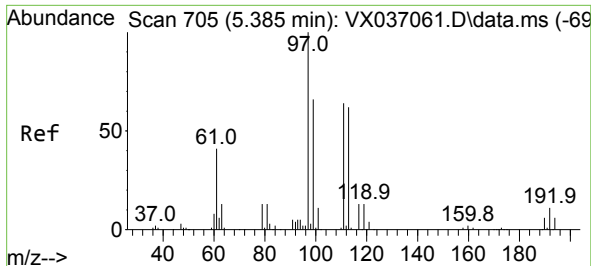
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

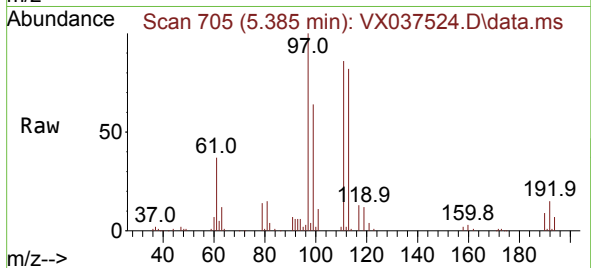
88 16.2 0.0 36.6



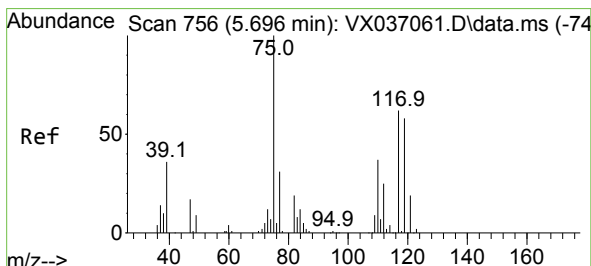
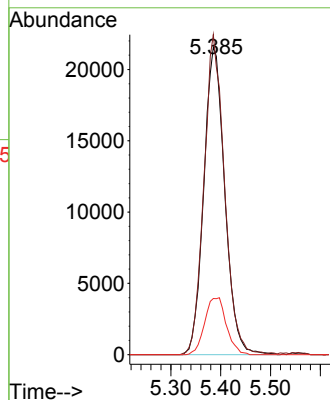
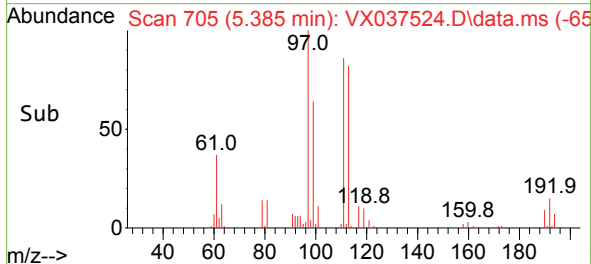


#35  
Dibromofluoromethane  
Concen: 62.468 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

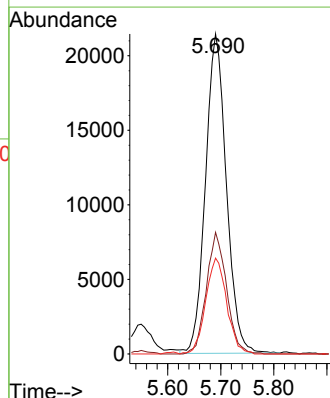
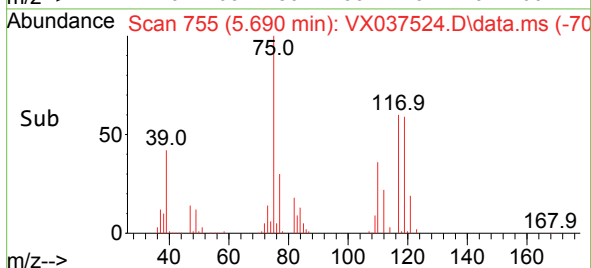
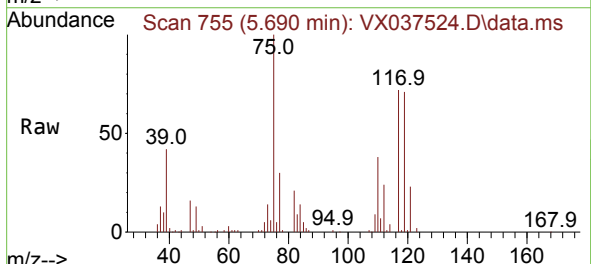


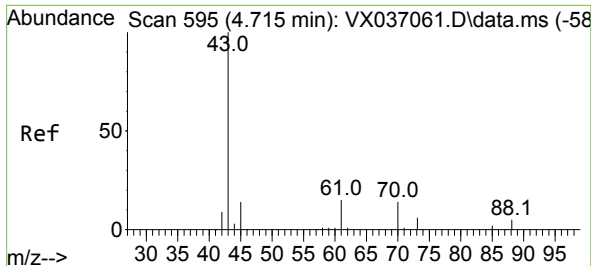
Tgt Ion:113 Resp: 63069  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.9 124.3  
192 19.1 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 40.845 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 75 Resp: 58588  
Ion Ratio Lower Upper  
75 100  
110 36.8 17.0 50.9  
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 57.590 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

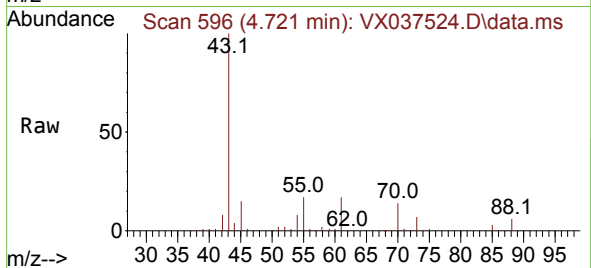
Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

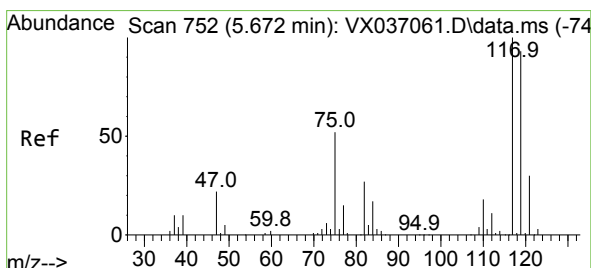
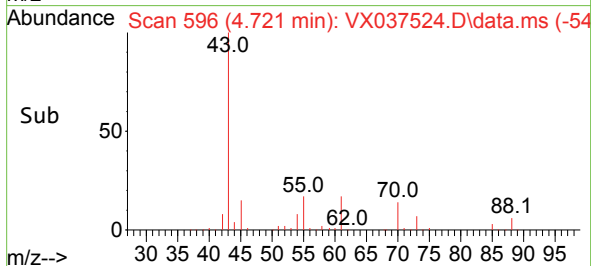
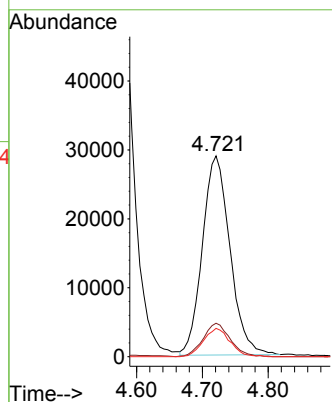
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 84383 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 16.5  | 10.6  | 16.0# |
| 70        | 13.7  | 8.3   | 12.5# |



#38

Carbon Tetrachloride

Concen: 41.195 ug/l

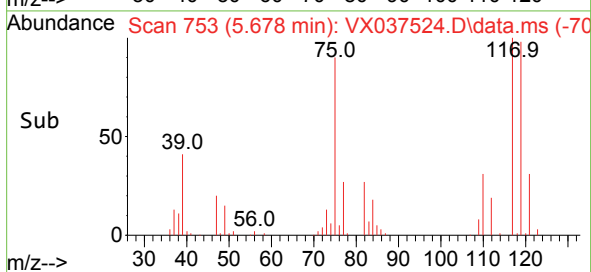
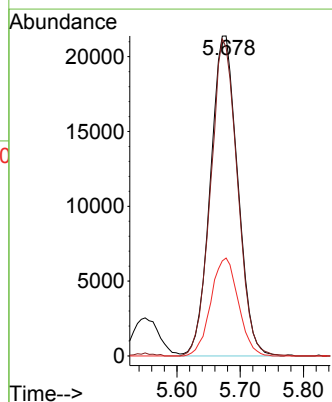
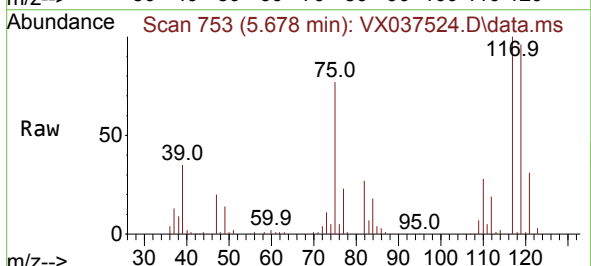
RT: 5.678 min Scan# 753

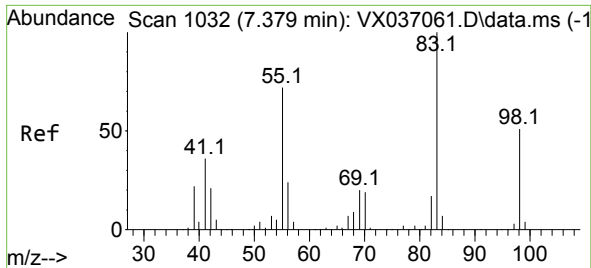
Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 64188 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.4  | 78.2  | 117.2 |
| 121       | 30.6  | 24.4  | 36.6  |

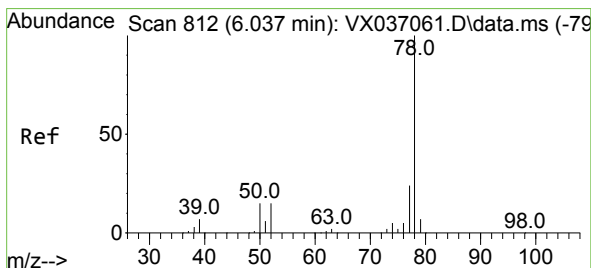
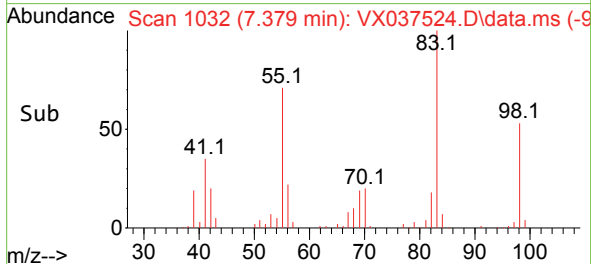
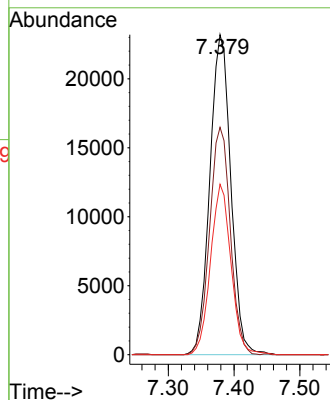
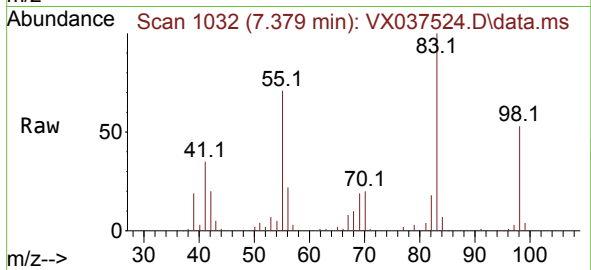




#39  
Methylcyclohexane  
Concen: 34.291 ug/l  
RT: 7.379 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

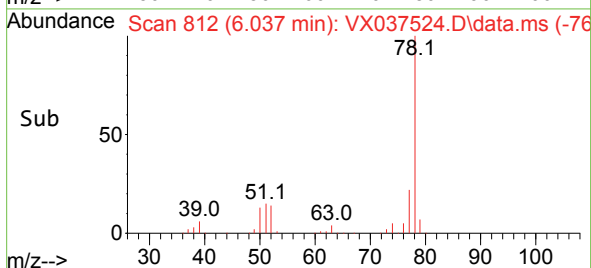
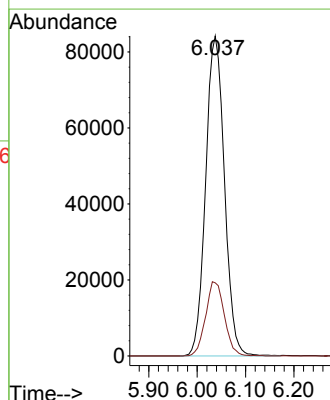
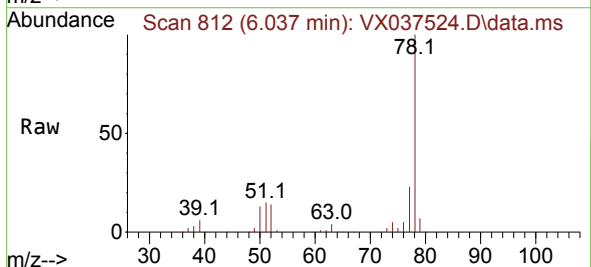
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 51677  
Ion Ratio Lower Upper  
83 100  
55 71.0 64.6 97.0  
98 53.3 36.7 55.1



#40  
Benzene  
Concen: 55.188 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

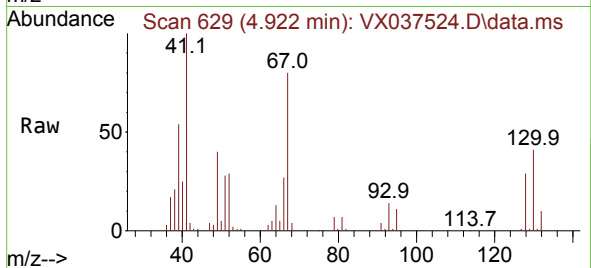
Tgt Ion: 78 Resp: 227032  
Ion Ratio Lower Upper  
78 100  
77 22.9 19.3 28.9



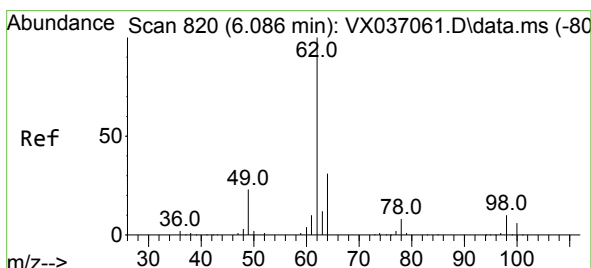
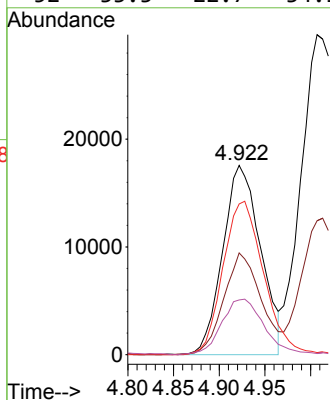
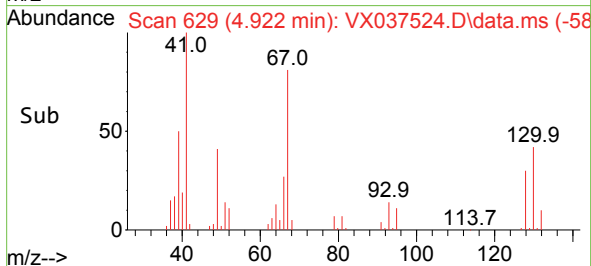


#41  
Methacrylonitrile  
Concen: 66.548 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

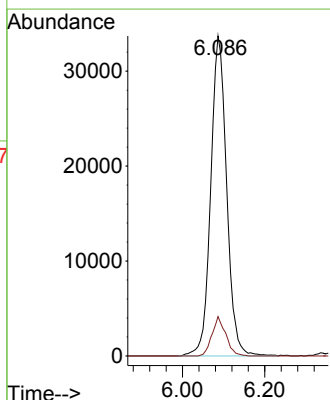
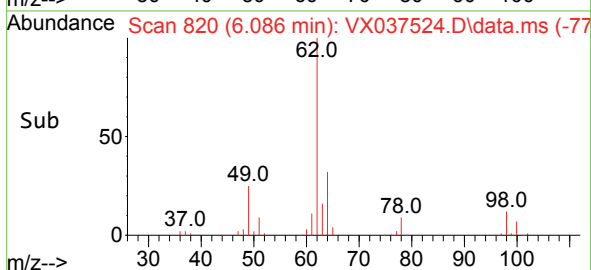
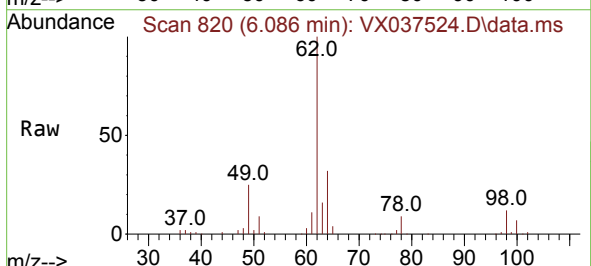


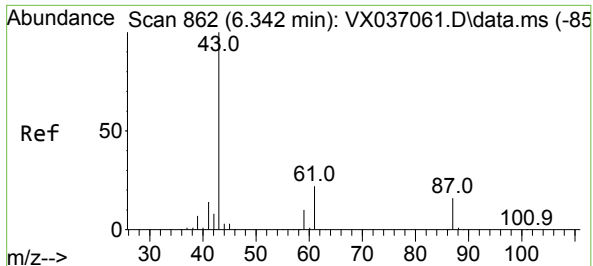
| Tgt Ion: | 41    | Resp: | 50690 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.0  | 45.2  | 67.8  |
| 67       | 87.2  | 52.6  | 78.8  |
| 52       | 33.3  | 22.7  | 34.1  |



#42  
1,2-Dichloroethane  
Concen: 56.179 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

| Tgt Ion: | 62    | Resp: | 90632 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.7  | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 58.661 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

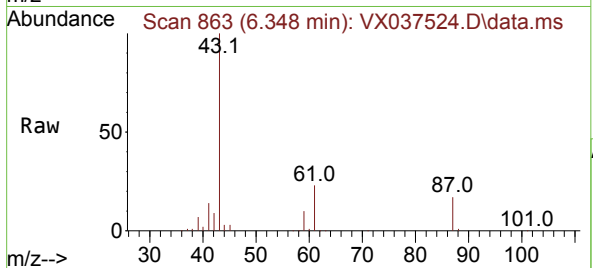
Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

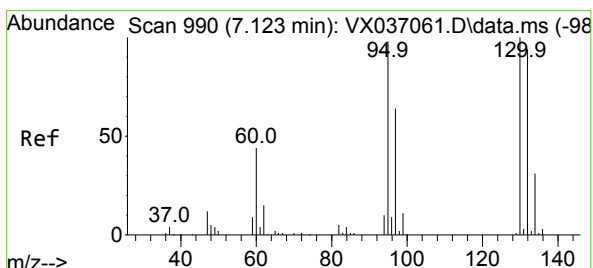
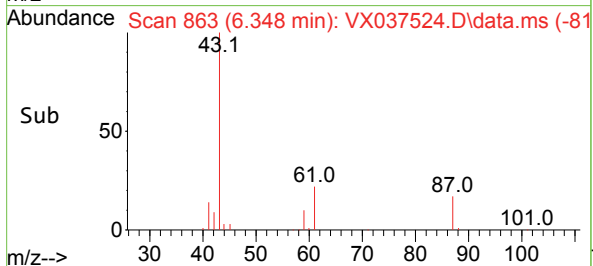
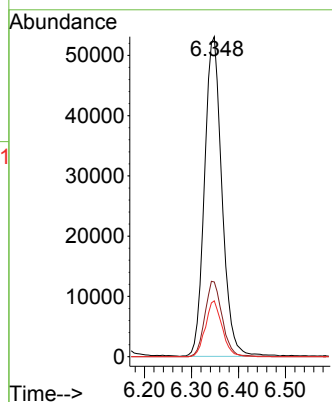
Instrument :

MSVOA\_X

ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 136459 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 23.3  | 15.2  | 22.8#  |
| 87        | 16.7  | 9.8   | 14.6#  |



#44

Trichloroethene

Concen: 46.392 ug/l

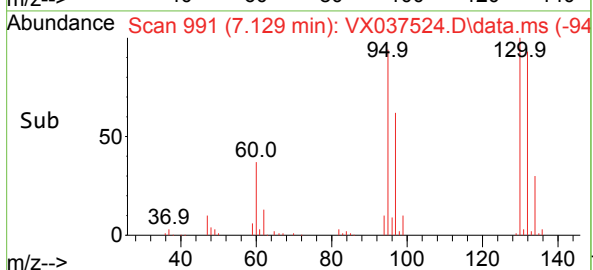
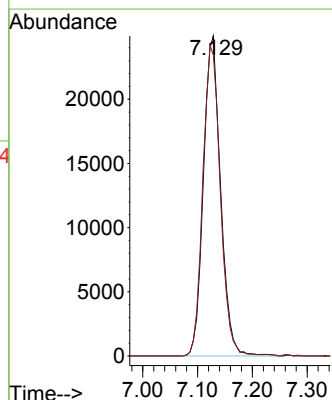
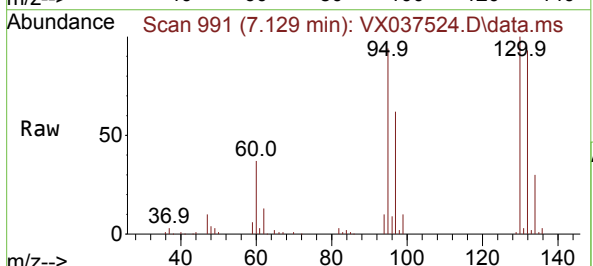
RT: 7.129 min Scan# 991

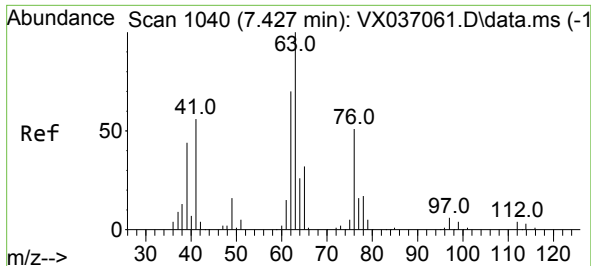
Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 130   | Resp: | 54116 |
| Ion Ratio | Lower | Upper |       |
| 130       | 100   |       |       |
| 95        | 94.1  | 0.0   | 204.4 |

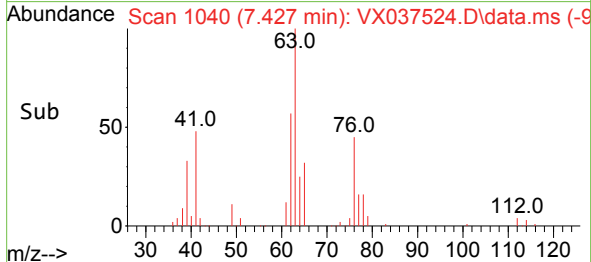
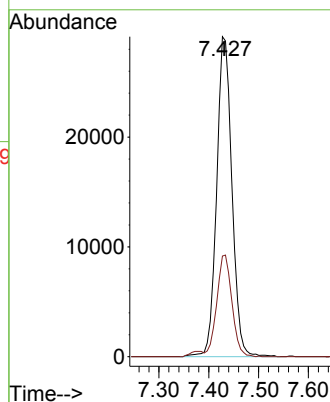
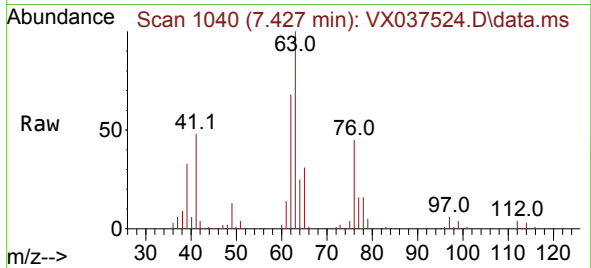




#45  
1,2-Dichloropropane  
Concen: 61.122 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

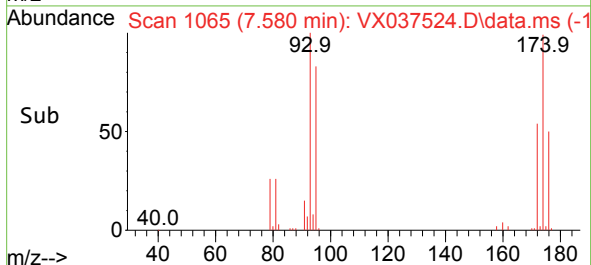
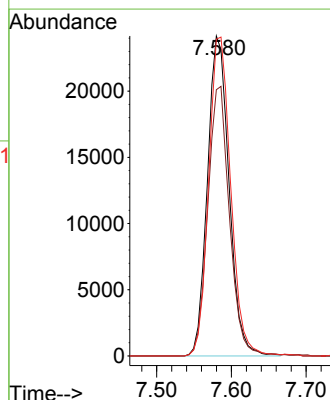
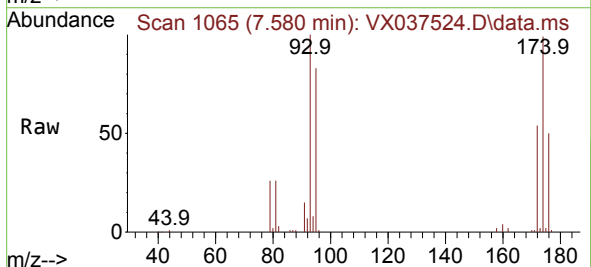
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 63 Resp: 61999  
Ion Ratio Lower Upper  
63 100  
65 31.5 24.3 36.5



#46  
Dibromomethane  
Concen: 60.792 ug/l  
RT: 7.580 min Scan# 1065  
Delta R.T. 0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

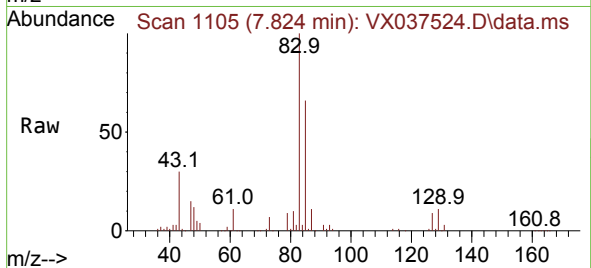
Tgt Ion: 93 Resp: 48578  
Ion Ratio Lower Upper  
93 100  
95 84.5 66.6 100.0  
174 101.7 69.4 104.0



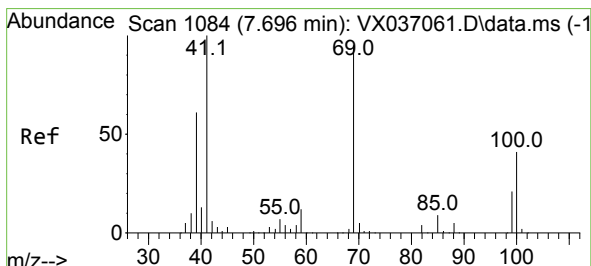
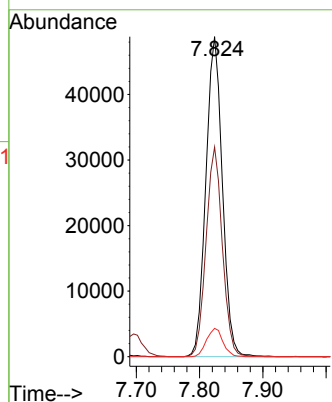
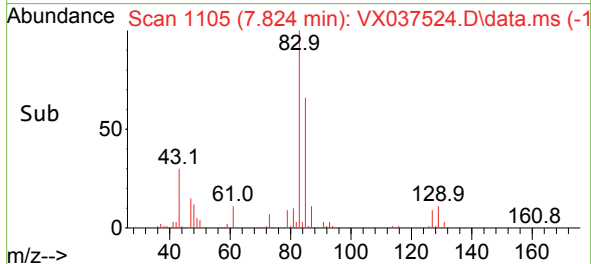


#47  
Bromodichloromethane  
Concen: 57.838 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

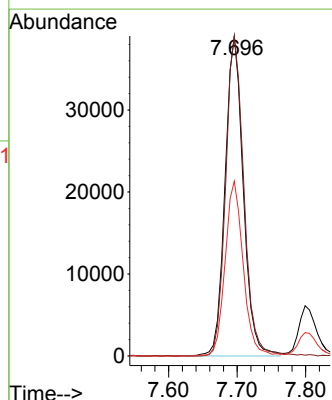
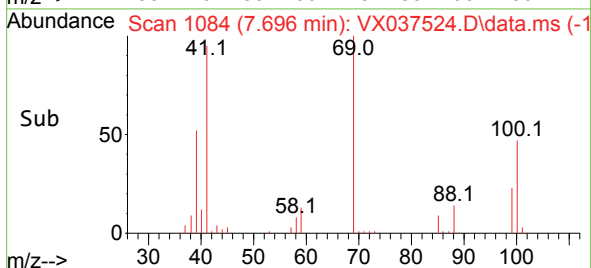
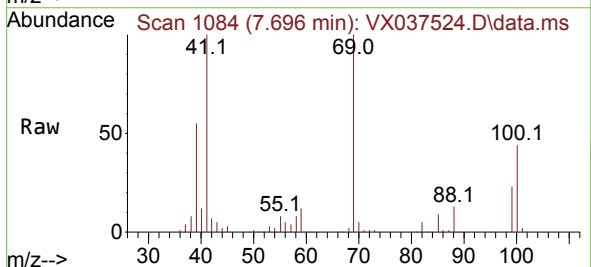


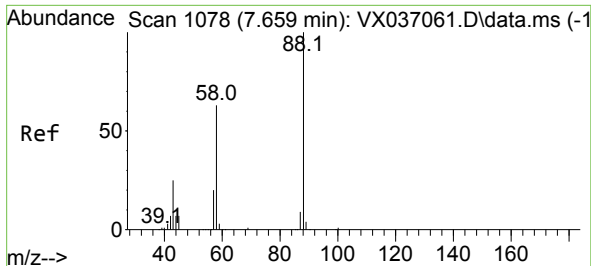
Tgt Ion: 83 Resp: 88524  
Ion Ratio Lower Upper  
83 100  
85 65.5 49.8 74.6  
127 8.9 7.1 10.7



#48  
Methyl methacrylate  
Concen: 63.307 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

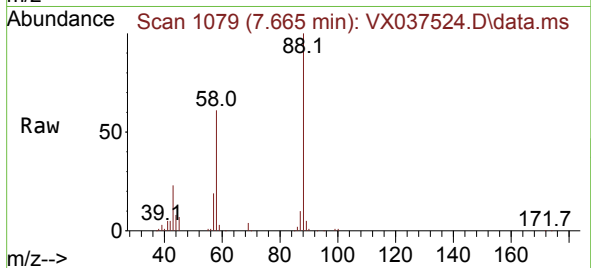
Tgt Ion: 41 Resp: 71819  
Ion Ratio Lower Upper  
41 100  
69 100.1 59.2 88.8#  
39 54.4 47.7 71.5



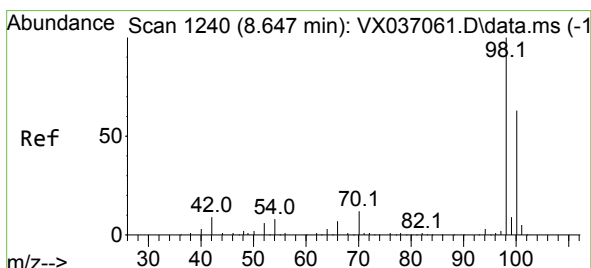
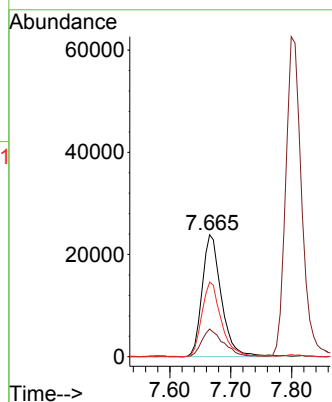
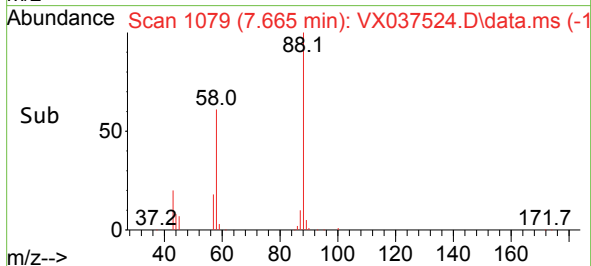


#49  
1,4-Dioxane  
Concen: 1710.113 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

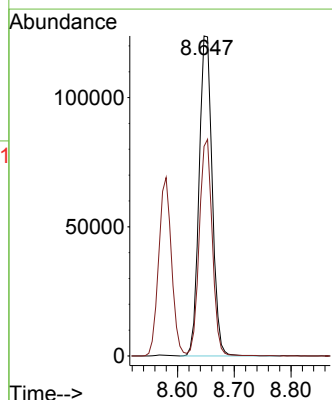
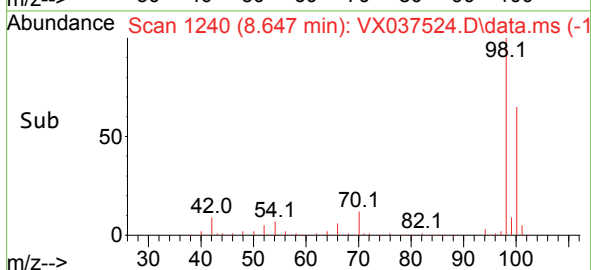
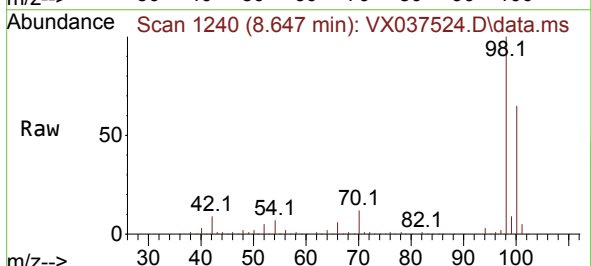


Tgt Ion: 88 Resp: 52249  
Ion Ratio Lower Upper  
88 100  
43 25.8 0.0 0.0#  
58 62.3 60.1 90.1



#50  
Toluene-d8  
Concen: 54.226 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 98 Resp: 198588  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 360.067 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

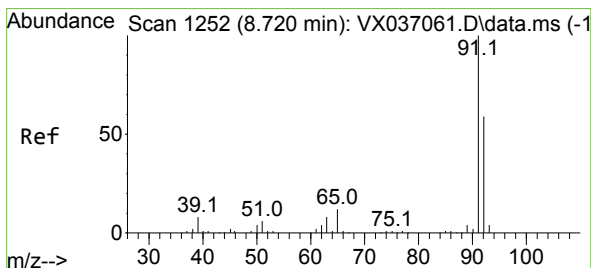
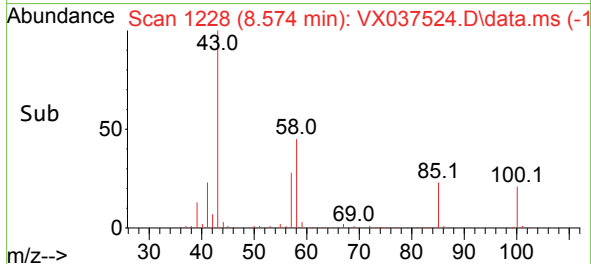
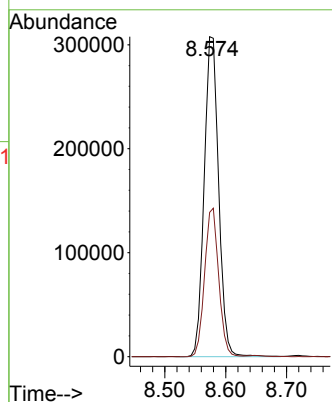
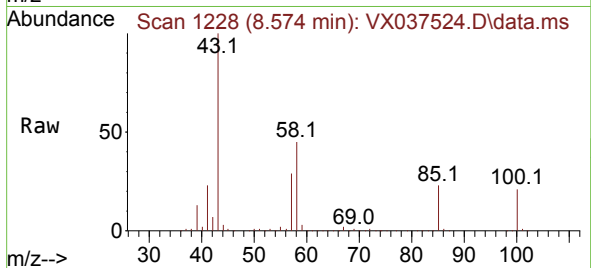
ClientSampleId :

Tgt Ion: 43 Resp: 508615

Ion Ratio Lower Upper

43 100

58 45.2 30.4 45.6



#52

Toluene

Concen: 54.252 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037524.D

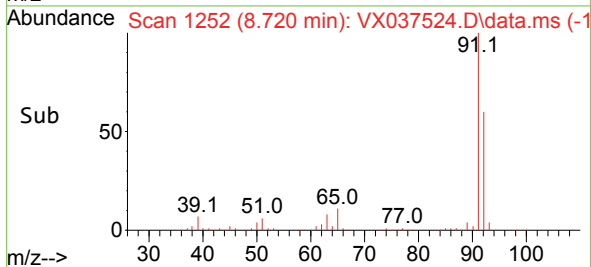
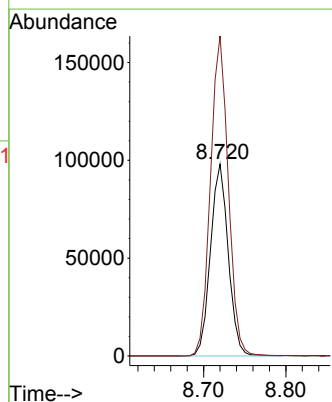
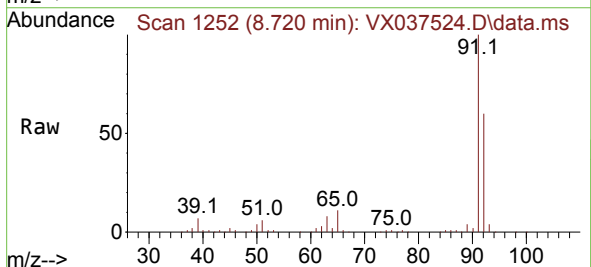
Acq: 05 Sep 2023 20:03

Tgt Ion: 92 Resp: 147461

Ion Ratio Lower Upper

92 100

91 167.6 134.2 201.2

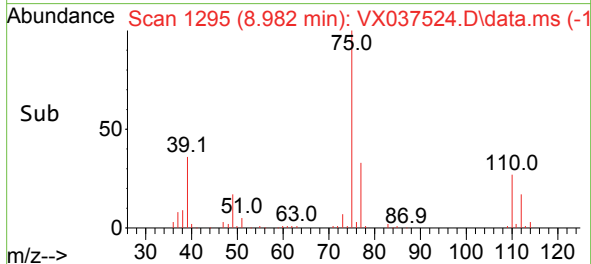
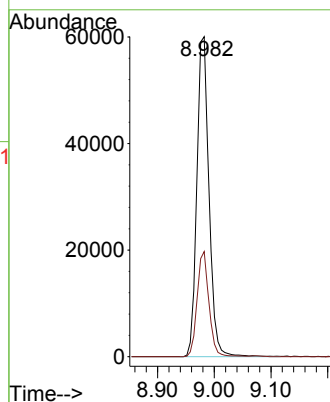
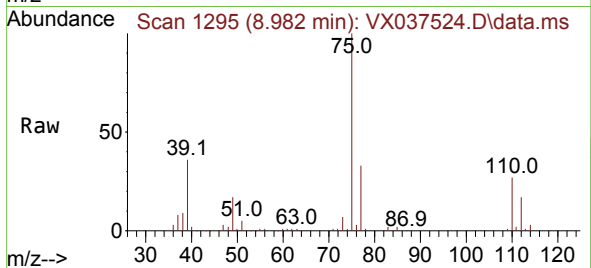




#53  
 t-1,3-Dichloropropene  
 Concen: 54.755 ug/l  
 RT: 8.982 min Scan# 1129  
 Delta R.T. 0.006 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

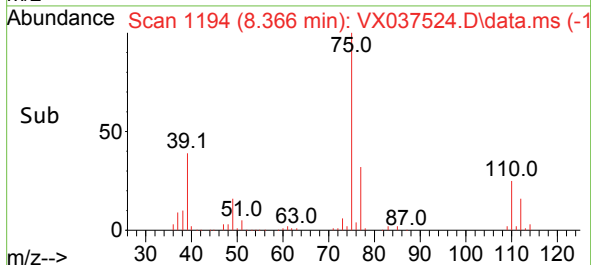
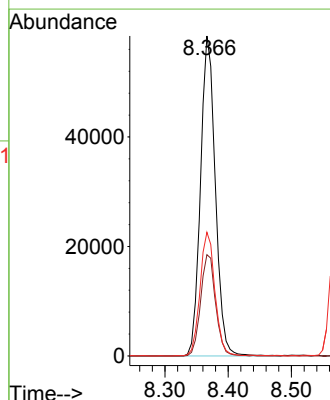
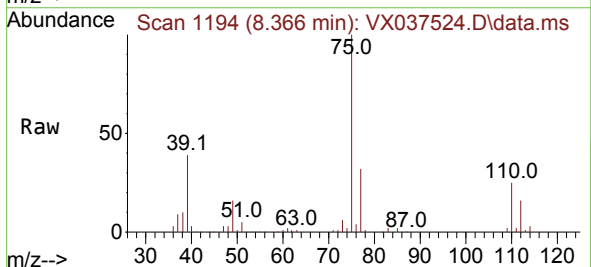
Instrument :  
 MSVOA\_X  
 ClientSampleId :

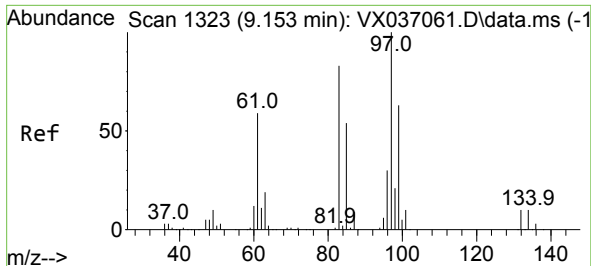
Tgt Ion: 75 Resp: 89232  
 Ion Ratio Lower Upper  
 75 100  
 77 32.8 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.241 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

Tgt Ion: 75 Resp: 95523  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.3 37.9  
 39 38.6 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 67.806 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

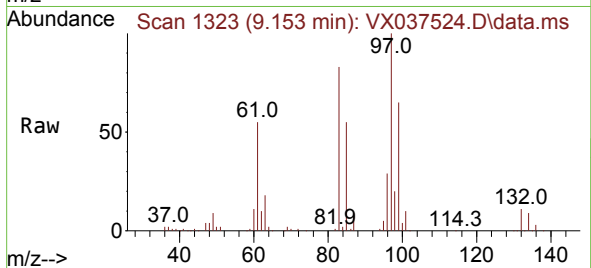
Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 97 Resp: 75047

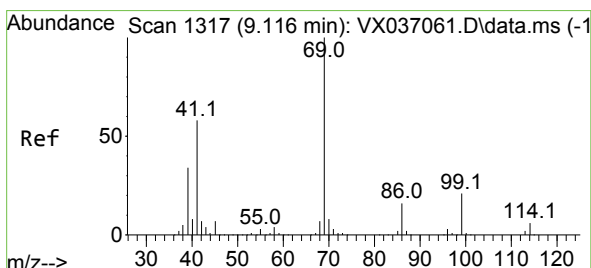
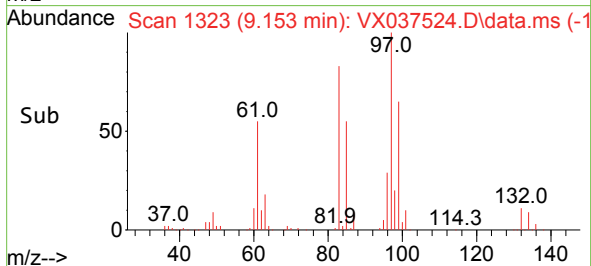
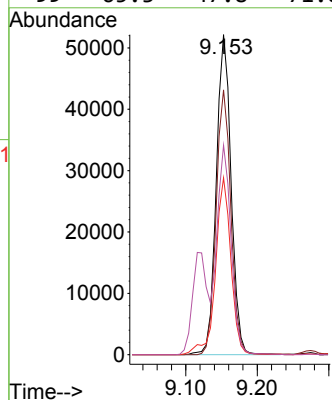
Ion Ratio Lower Upper

97 100

83 82.7 65.8 98.8

85 55.2 41.6 62.4

99 65.3 47.8 71.8



#56

Ethyl methacrylate

Concen: 66.620 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

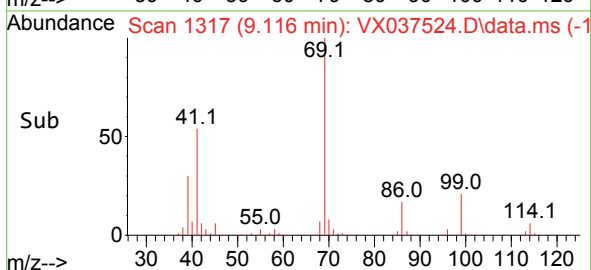
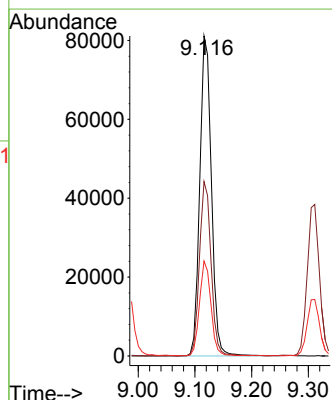
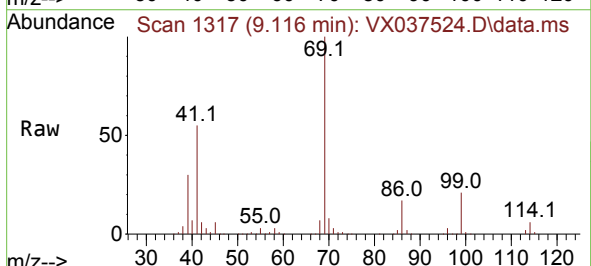
Tgt Ion: 69 Resp: 115494

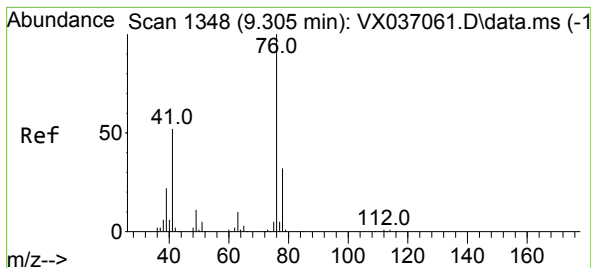
Ion Ratio Lower Upper

69 100

41 54.7 56.8 85.2#

39 28.9 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 64.733 ug/l

RT: 9.311 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

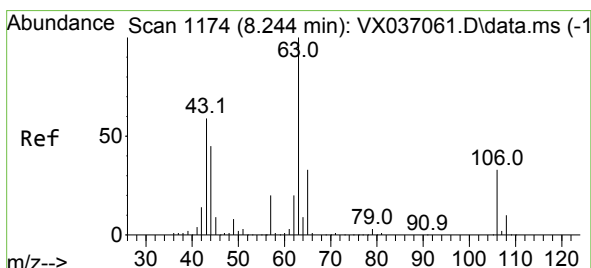
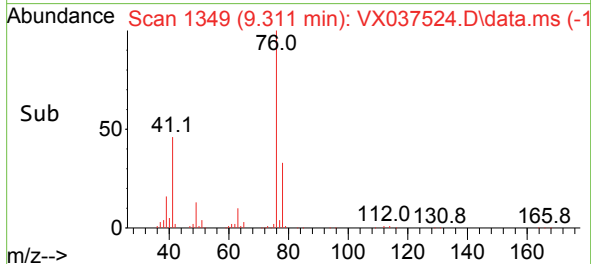
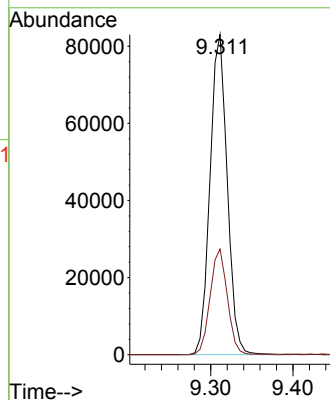
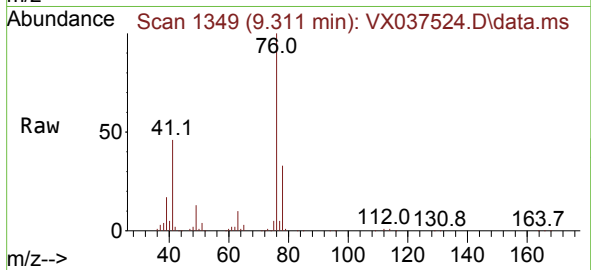
ClientSampleId :

Tgt Ion: 76 Resp: 120778

Ion Ratio Lower Upper

76 100

78 33.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 0.672 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.128 min

Lab File: VX037524.D

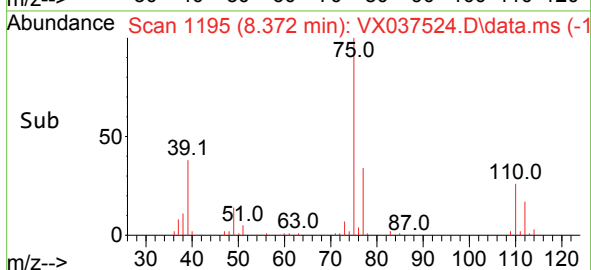
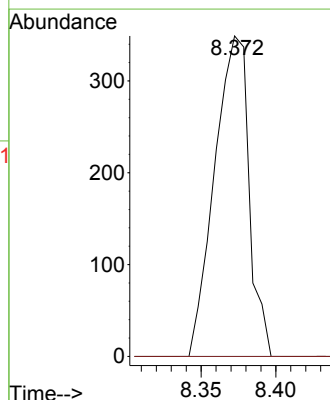
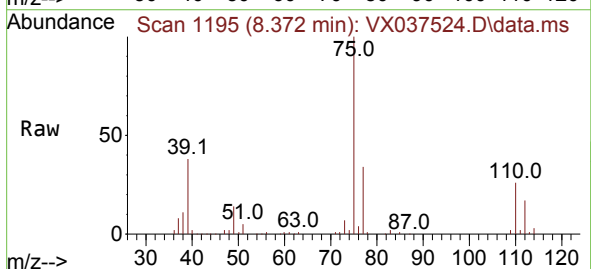
Acq: 05 Sep 2023 20:03

Tgt Ion: 63 Resp: 559

Ion Ratio Lower Upper

63 100

106 0.0 22.5 33.7#

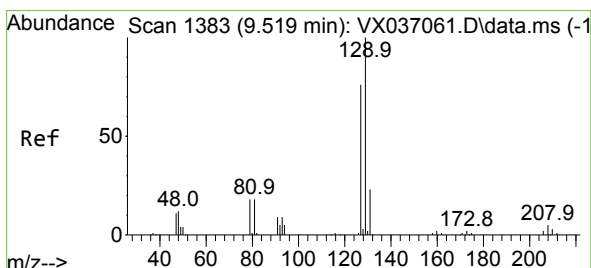
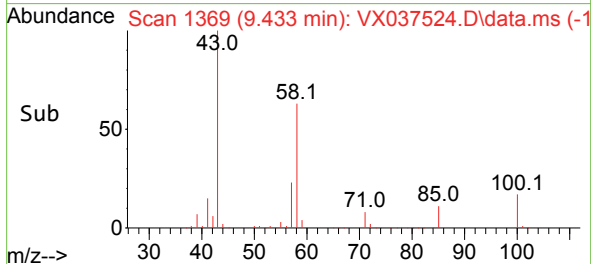
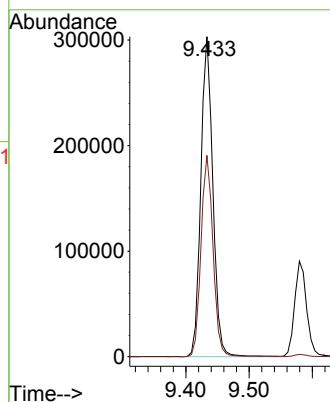
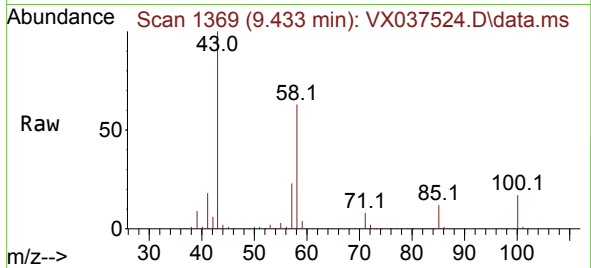




#59  
2-Hexanone  
Concen: 371.119 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

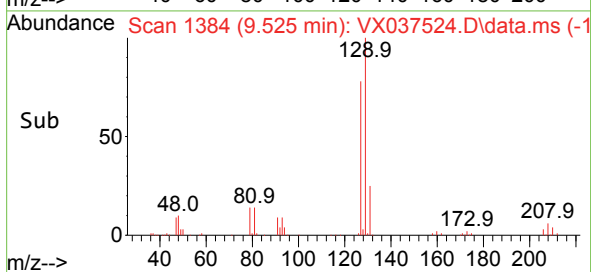
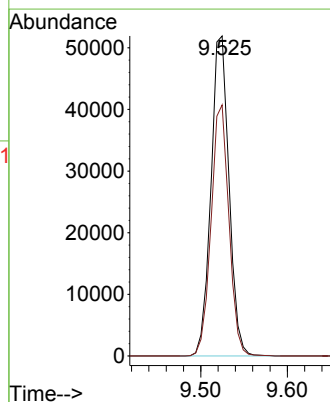
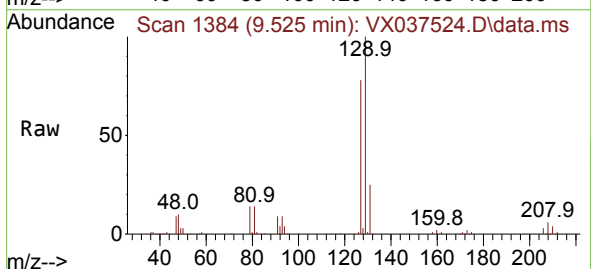
Instrument :  
MSVOA\_X  
ClientSampleId :

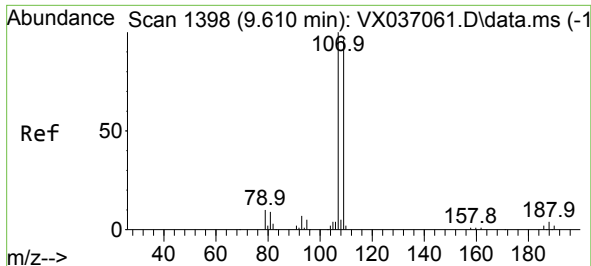
Tgt Ion: 43 Resp: 399710  
Ion Ratio Lower Upper  
43 100  
58 63.3 26.2 78.5



#60  
Dibromochloromethane  
Concen: 63.797 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 129 Resp: 75178  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.8 116.4

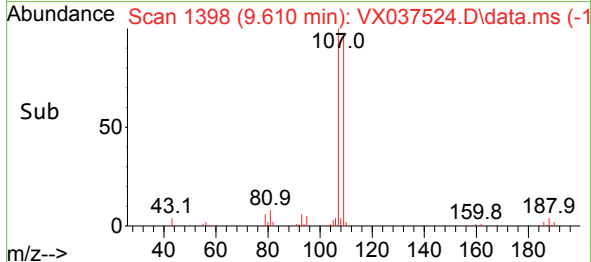
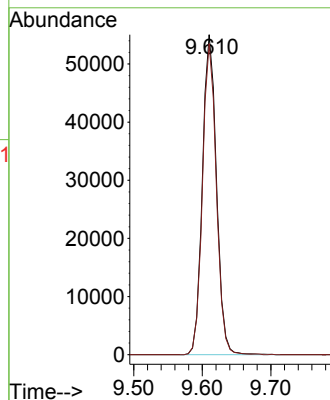
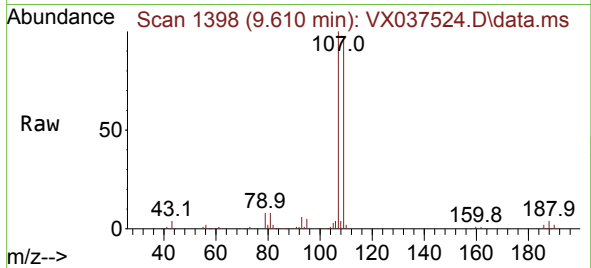




#61  
1,2-Dibromoethane  
Concen: 65.053 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

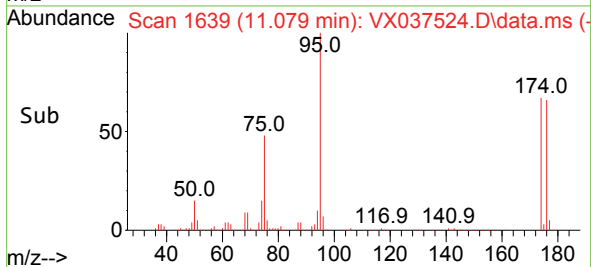
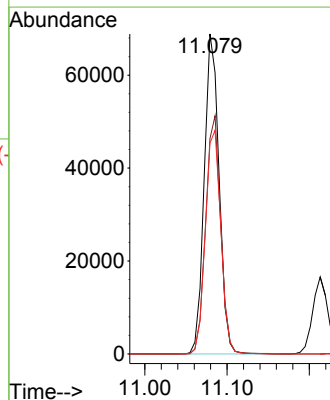
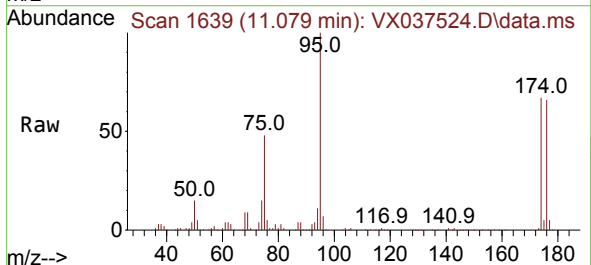
Instrument :  
MSVOA\_X  
ClientSampleId :

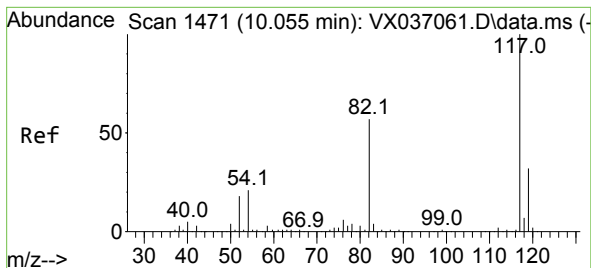
Tgt Ion:107 Resp: 78831  
Ion Ratio Lower Upper  
107 100  
109 95.7 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 60.007 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 95 Resp: 86363  
Ion Ratio Lower Upper  
95 100  
174 75.0 0.0 135.6  
176 72.7 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :

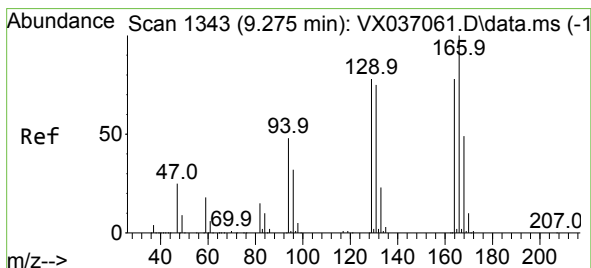
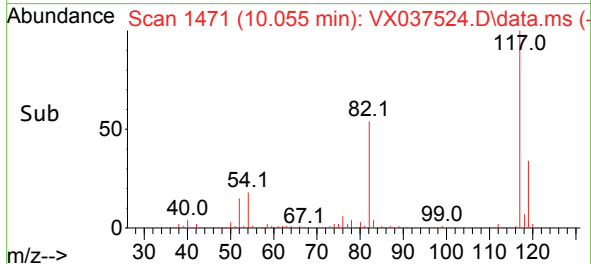
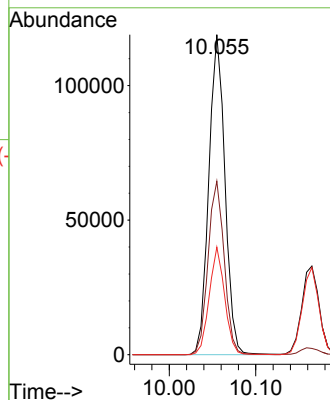
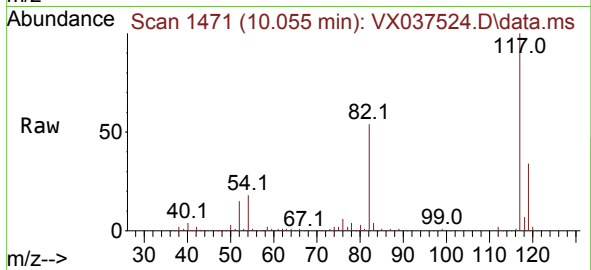
Tgt Ion:117 Resp: 153829

Ion Ratio Lower Upper

117 100

82 54.2 46.2 69.4

119 33.6 25.5 38.3



#64

Tetrachloroethene

Concen: 34.632 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Tgt Ion:164 Resp: 38864

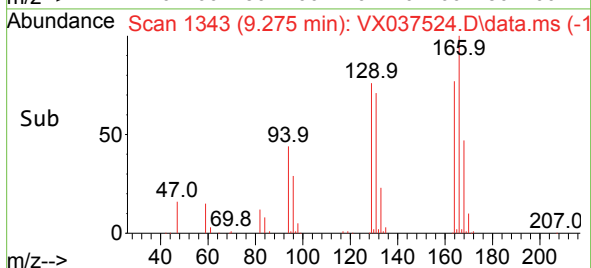
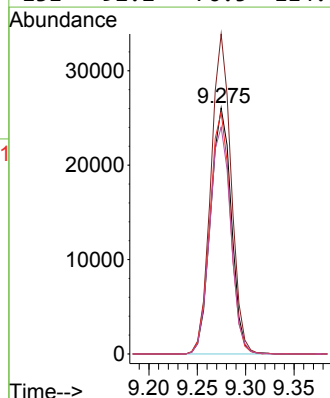
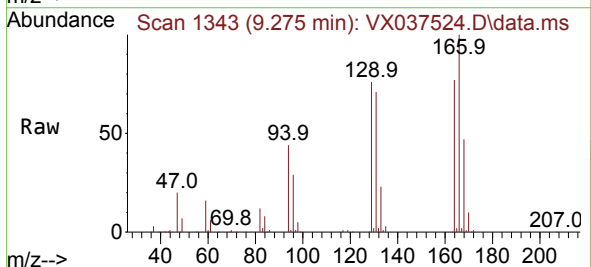
Ion Ratio Lower Upper

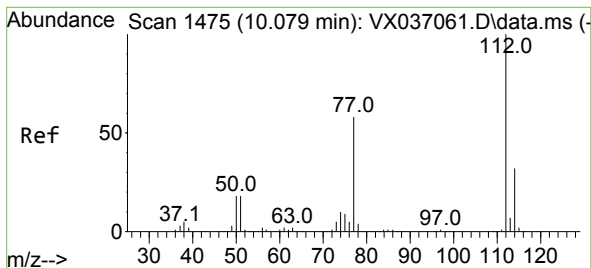
164 100

166 130.1 102.7 154.1

129 98.3 80.4 120.6

131 92.2 76.5 114.7

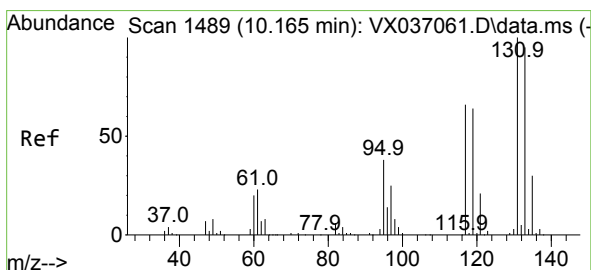
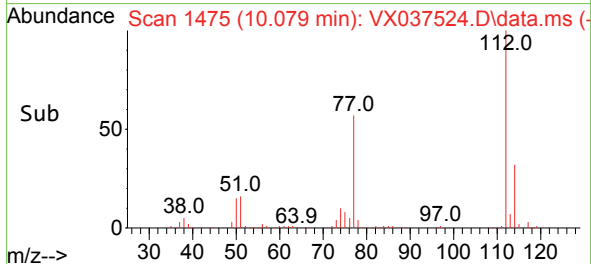
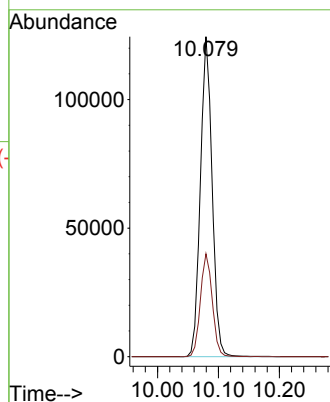
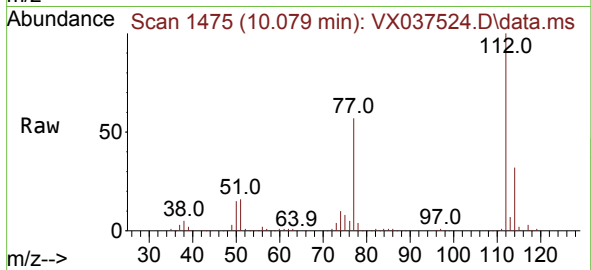




#65  
Chlorobenzene  
Concen: 51.146 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

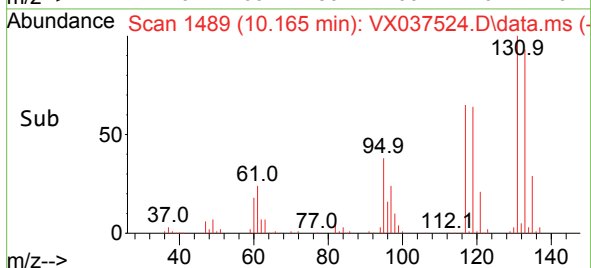
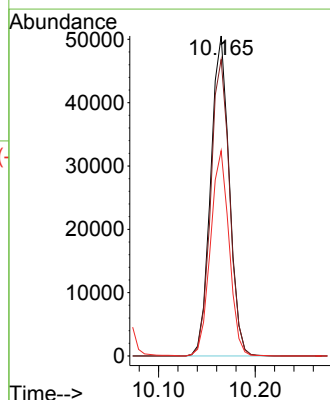
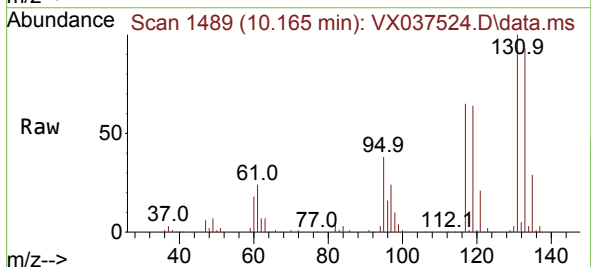
Instrument :  
MSVOA\_X  
ClientSampleId :

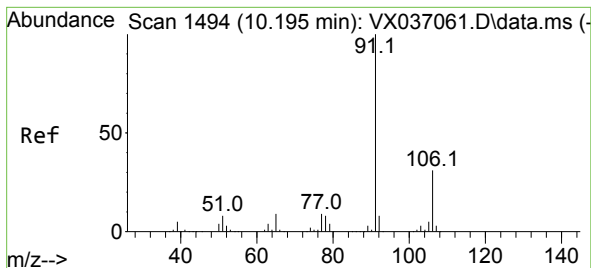
Tgt Ion:112 Resp: 166287  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.393 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion:131 Resp: 67669  
Ion Ratio Lower Upper  
131 100  
133 93.9 47.1 141.4  
119 64.1 32.2 96.6





#67

Ethyl Benzene

Concen: 45.855 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

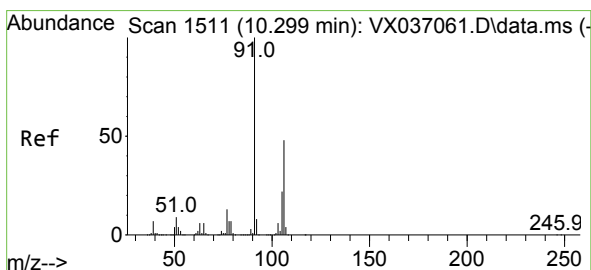
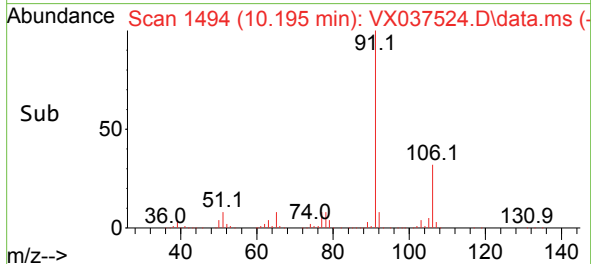
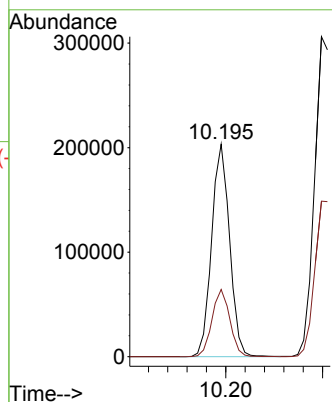
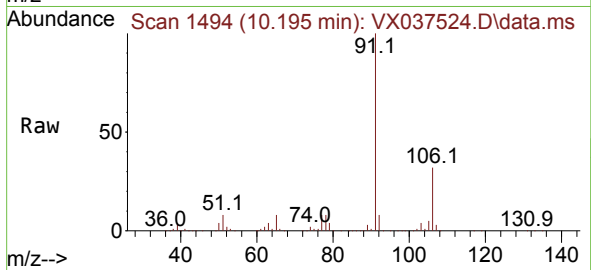
ClientSampleId :

Tgt Ion: 91 Resp: 262331

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 93.931 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX037524.D

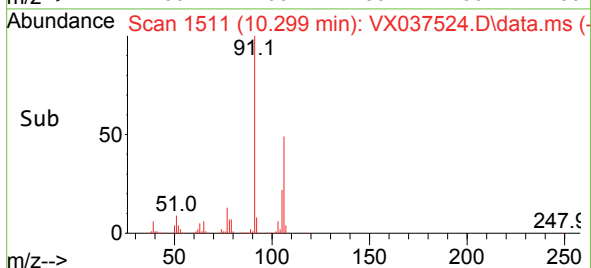
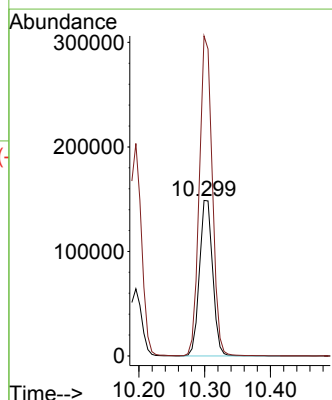
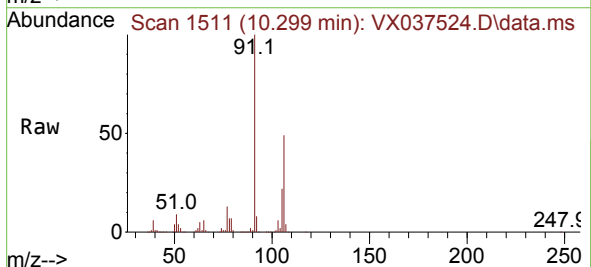
Acq: 05 Sep 2023 20:03

Tgt Ion: 106 Resp: 207519

Ion Ratio Lower Upper

106 100

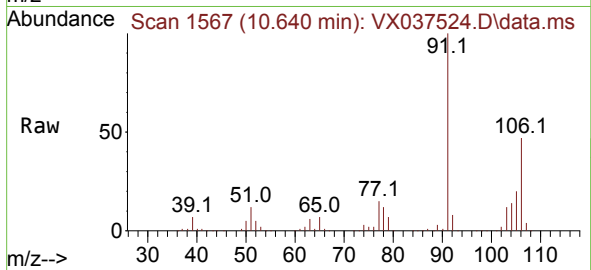
91 203.1 165.5 248.3



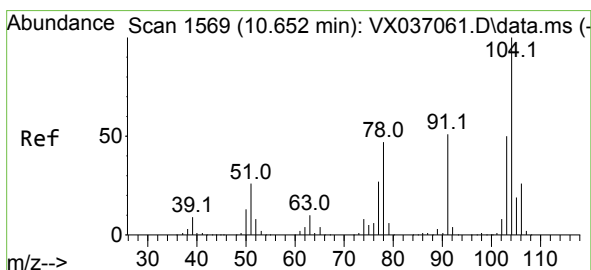
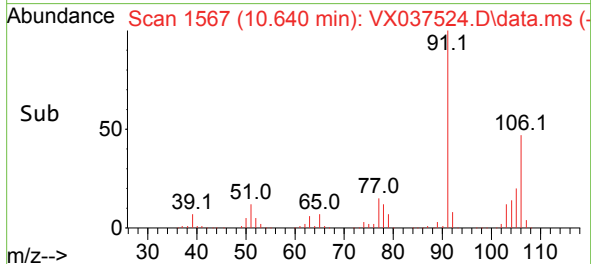
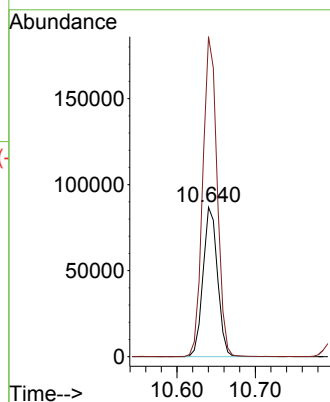


#69  
o-Xylene  
Concen: 51.153 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

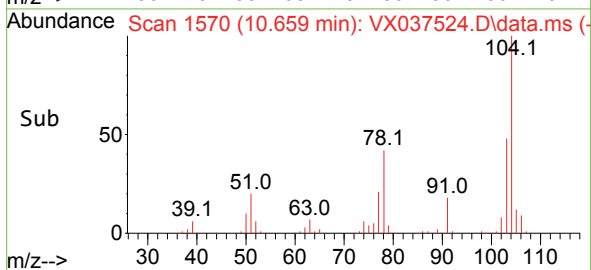
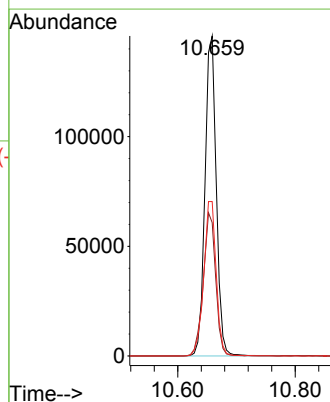
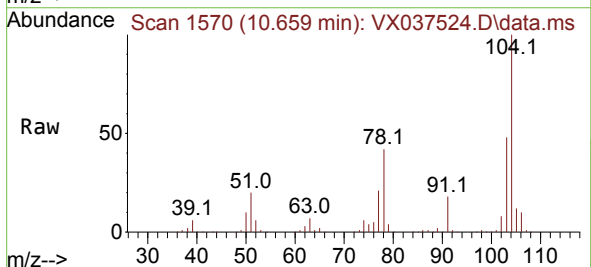


Tgt Ion:106 Resp: 111499  
Ion Ratio Lower Upper  
106 100  
91 212.8 108.9 326.8



#70  
Styrene  
Concen: 54.381 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.007 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion:104 Resp: 195256  
Ion Ratio Lower Upper  
104 100  
78 49.1 43.6 65.4  
103 53.4 43.6 65.4





#71

Bromoform

Concen: 63.472 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :

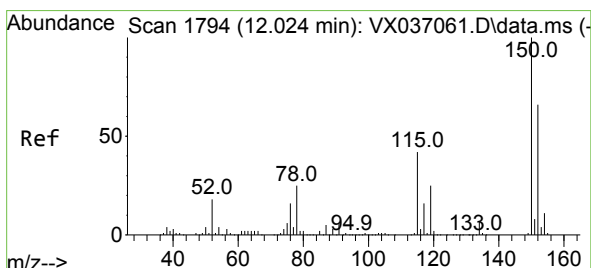
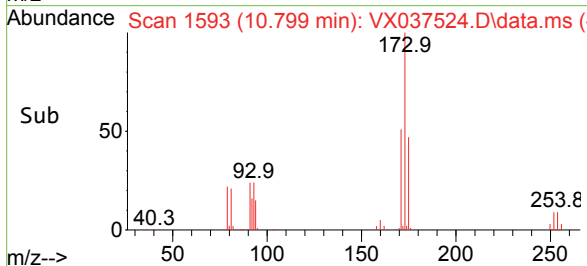
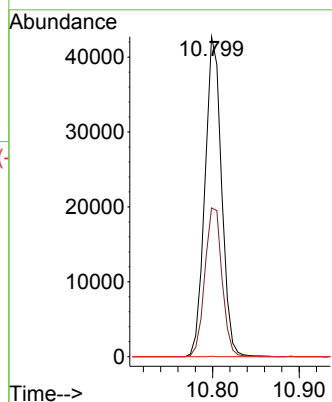
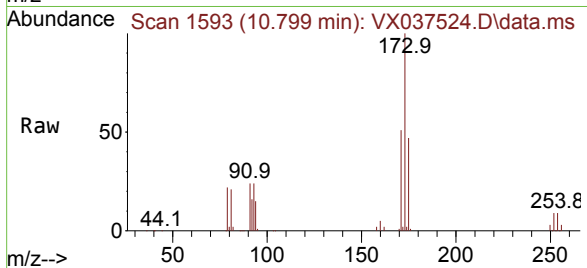
Tgt Ion:173 Resp: 56971

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

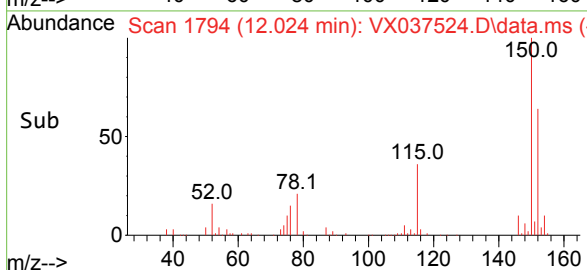
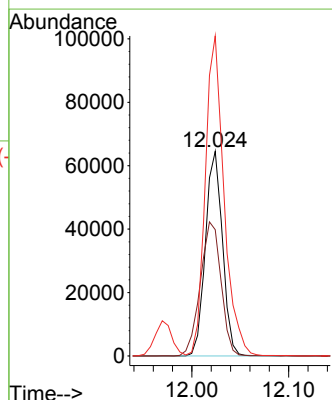
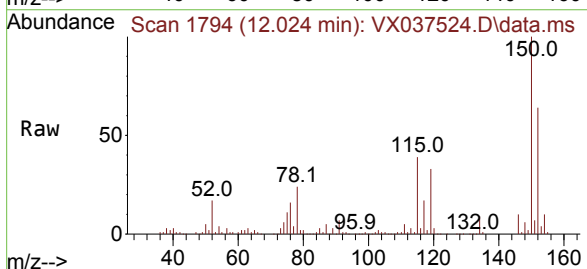
Tgt Ion:152 Resp: 79383

Ion Ratio Lower Upper

152 100

115 79.4 43.3 129.9

150 172.2 0.0 345.0

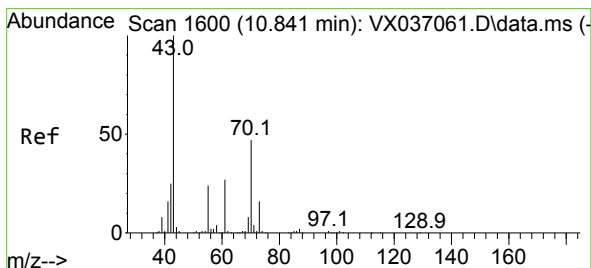
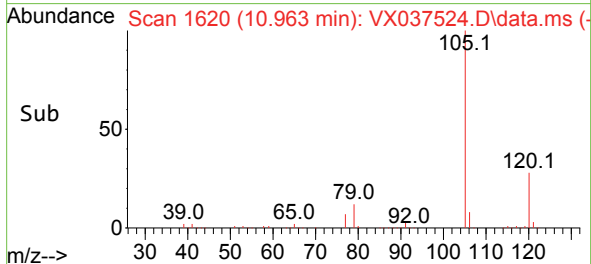
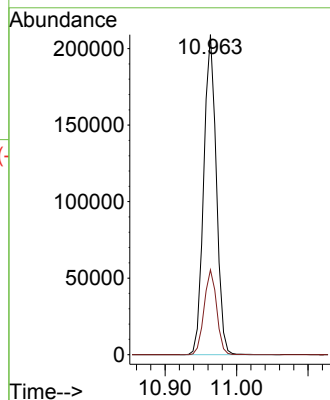
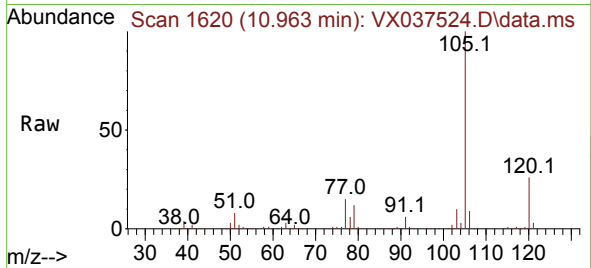




#73  
Isopropylbenzene  
Concen: 44.252 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

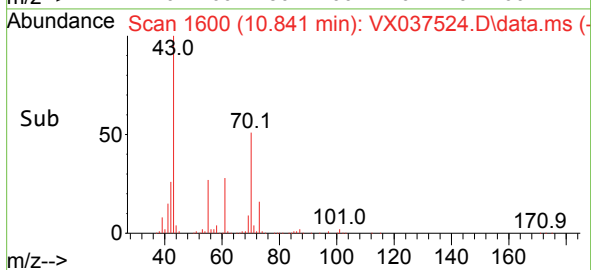
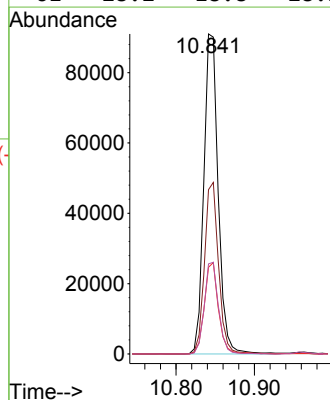
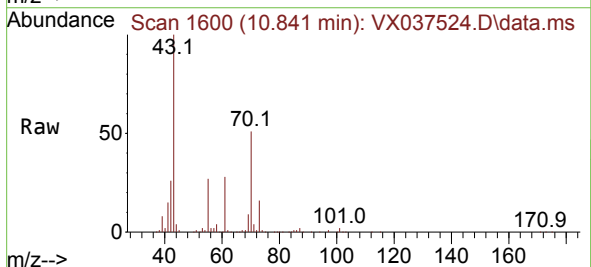
Instrument :  
MSVOA\_X  
ClientSampleId :

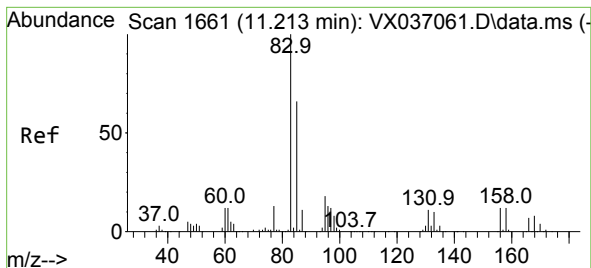
Tgt Ion:105 Resp: 255333  
Ion Ratio Lower Upper  
105 100  
120 26.4 12.9 38.6



#74  
N-ethyl acetate  
Concen: 51.666 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 43 Resp: 115835  
Ion Ratio Lower Upper  
43 100  
70 52.5 32.9 49.3#  
55 28.1 19.3 28.9  
61 28.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 66.424 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :

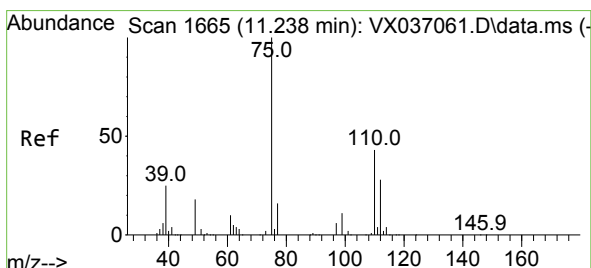
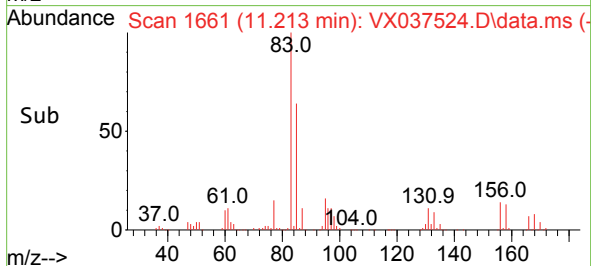
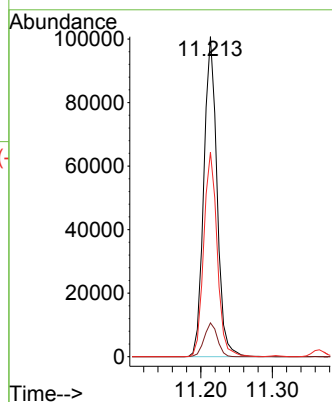
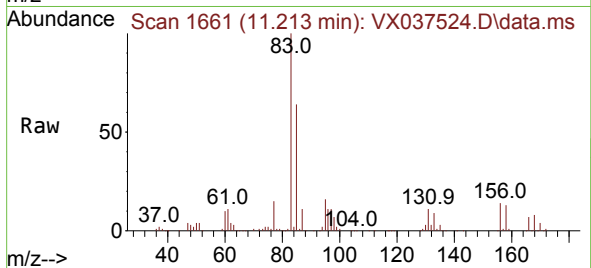
Tgt Ion: 83 Resp: 129074

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.8

85 65.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 78.784 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX037524.D

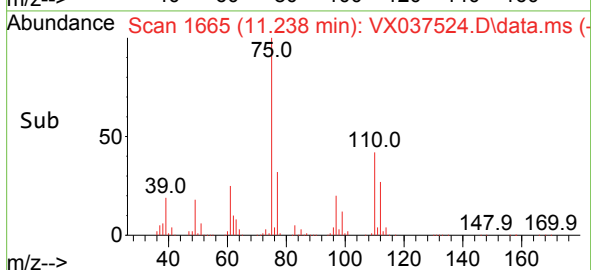
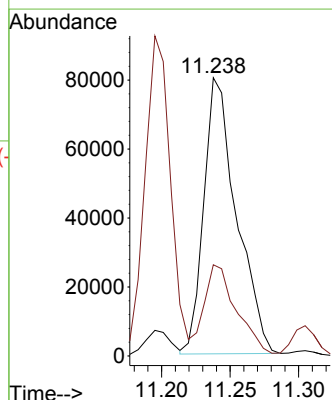
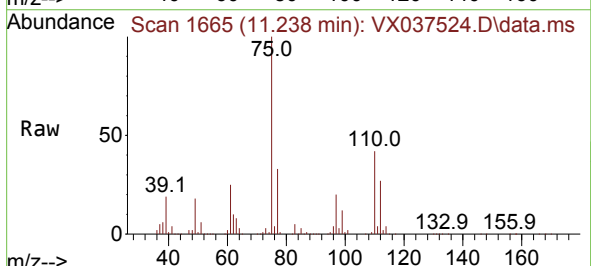
Acq: 05 Sep 2023 20:03

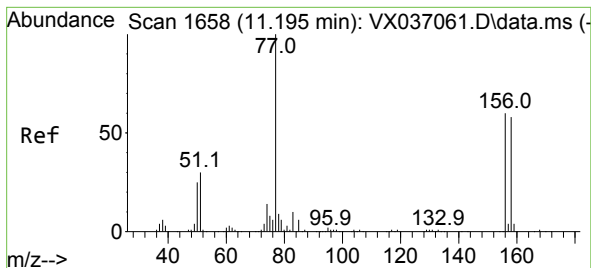
Tgt Ion: 75 Resp: 133193

Ion Ratio Lower Upper

75 100

77 33.0 19.1 57.5





#77

Bromobenzene

Concen: 54.652 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :

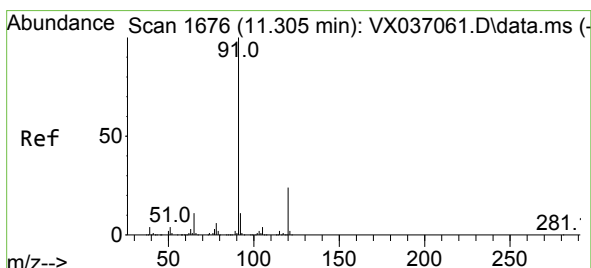
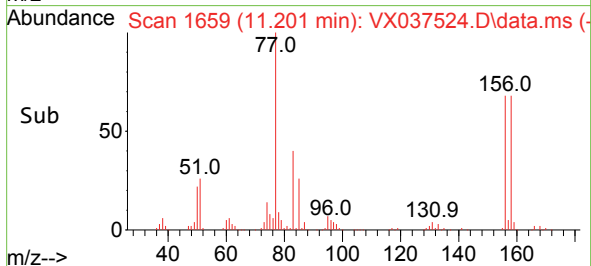
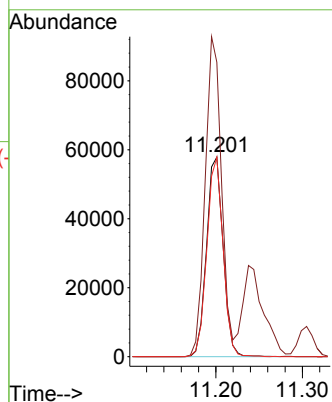
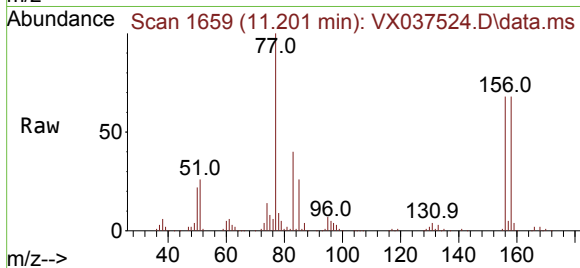
Tgt Ion:156 Resp: 77014

Ion Ratio Lower Upper

156 100

77 156.9 88.4 265.3

158 97.4 48.0 144.0



#78

n-propylbenzene

Concen: 43.028 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX037524.D

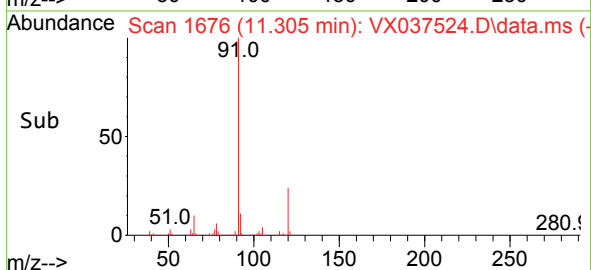
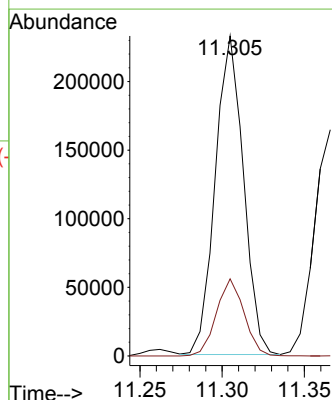
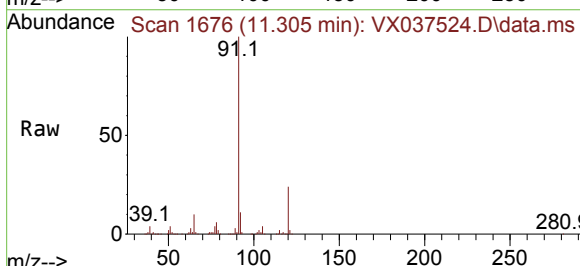
Acq: 05 Sep 2023 20:03

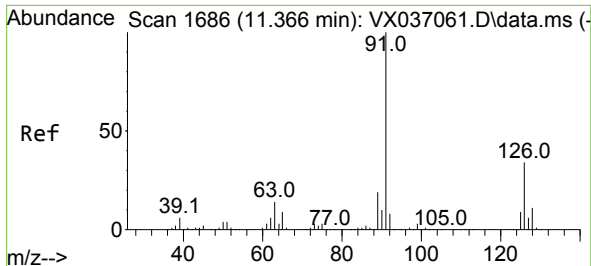
Tgt Ion: 91 Resp: 276455

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

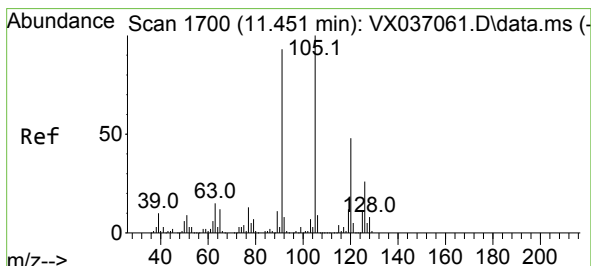
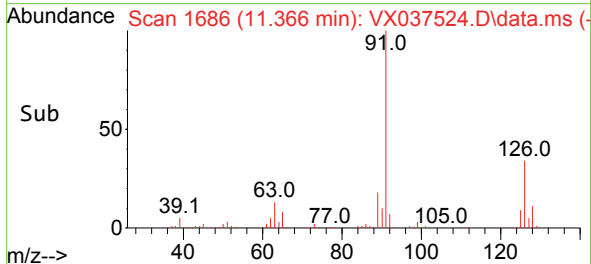
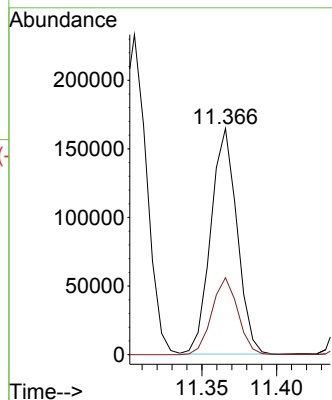
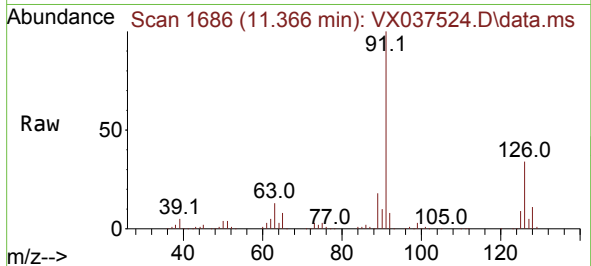




#79  
2-Chlorotoluene  
Concen: 48.876 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

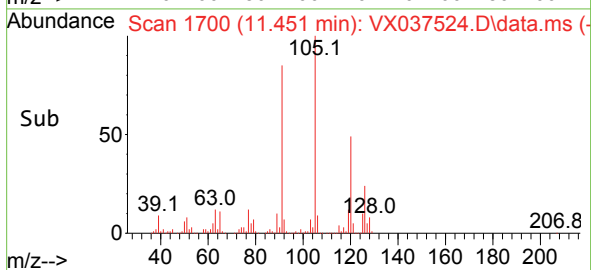
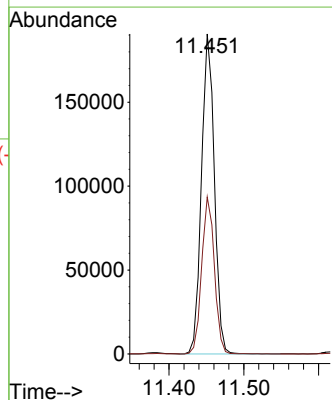
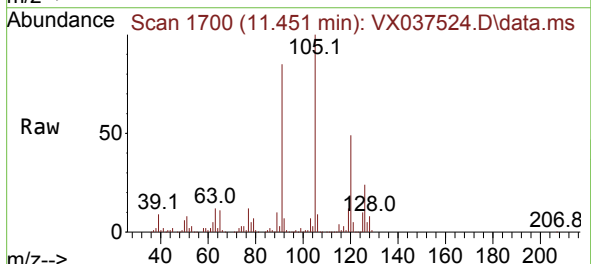
Instrument :  
MSVOA\_X  
ClientSampleId :

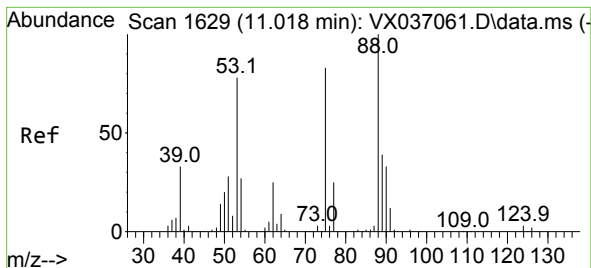
Tgt Ion: 91 Resp: 200676  
Ion Ratio Lower Upper  
91 100  
126 33.9 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 47.323 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 105 Resp: 227772  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.1 72.3

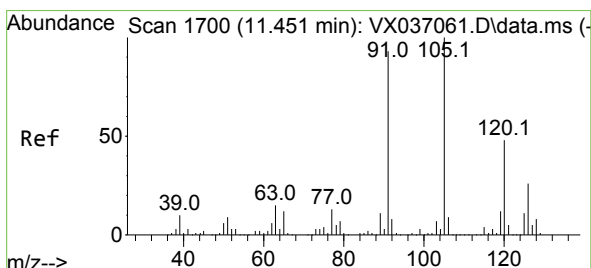
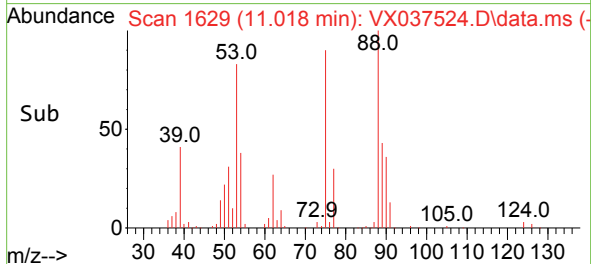
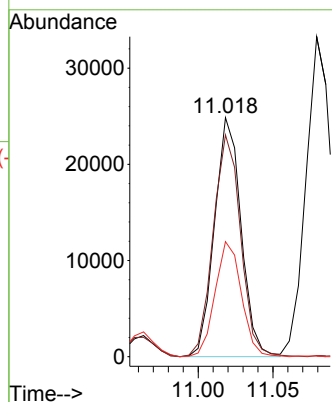
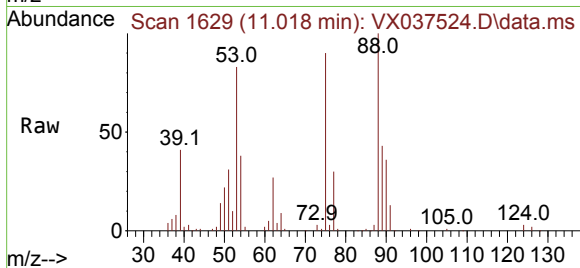




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.766 ug/l  
RT: 11.018 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

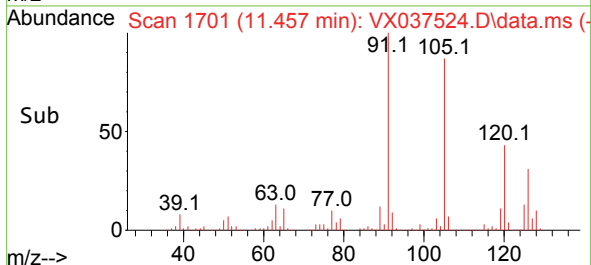
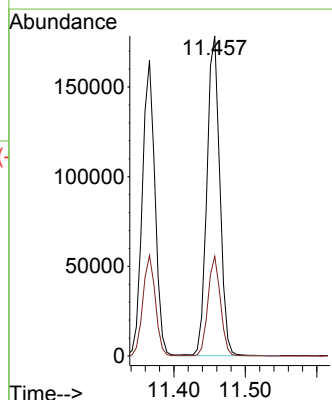
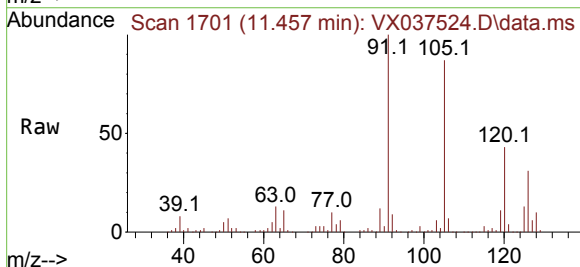
Instrument :  
MSVOA\_X  
ClientSampleId :

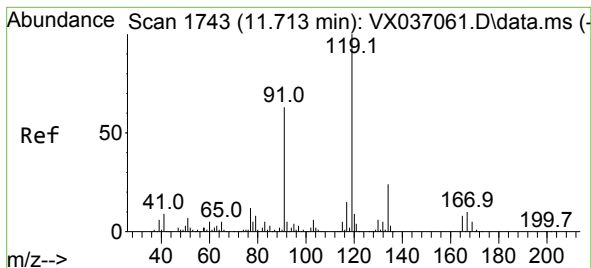
Tgt Ion: 75 Resp: 30728  
Ion Ratio Lower Upper  
75 100  
53 95.7 90.5 135.7  
89 47.7 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 47.094 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 91 Resp: 223202  
Ion Ratio Lower Upper  
91 100  
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.325 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :

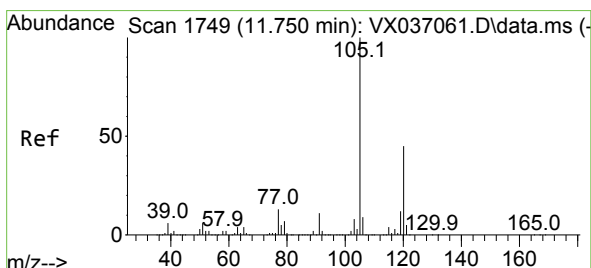
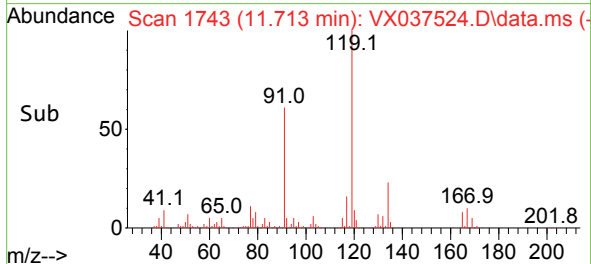
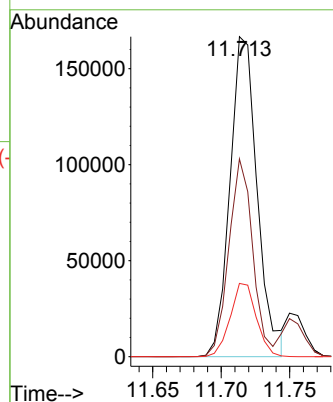
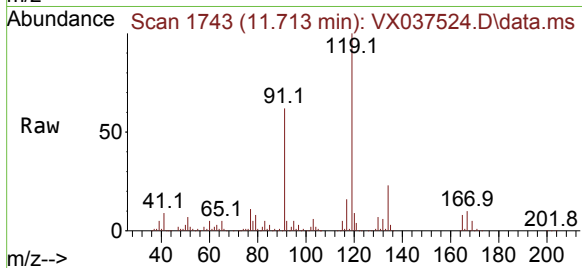
Tgt Ion:119 Resp: 231008

Ion Ratio Lower Upper

119 100

91 54.3 31.2 93.6

134 22.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 48.394 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX037524.D

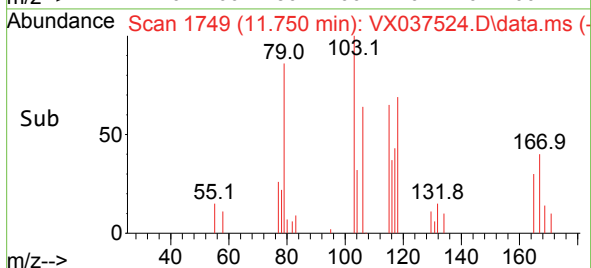
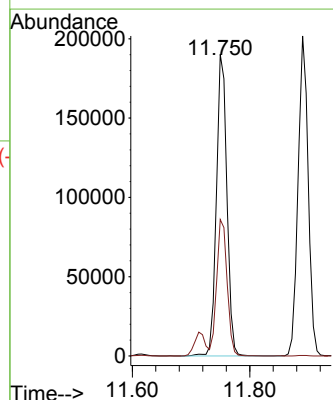
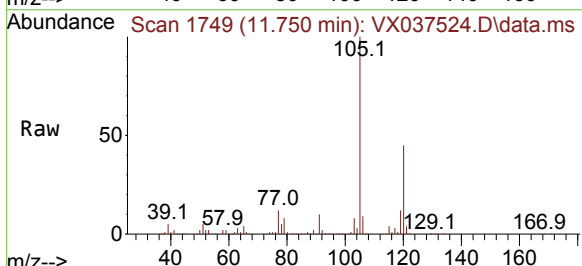
Acq: 05 Sep 2023 20:03

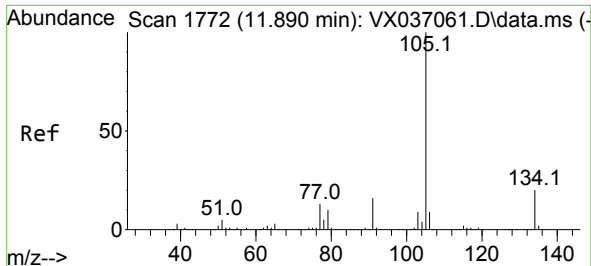
Tgt Ion:105 Resp: 235407

Ion Ratio Lower Upper

105 100

120 45.0 21.2 63.6

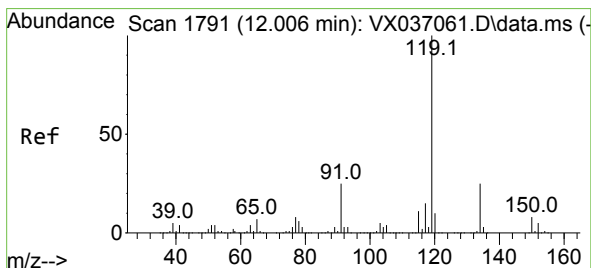
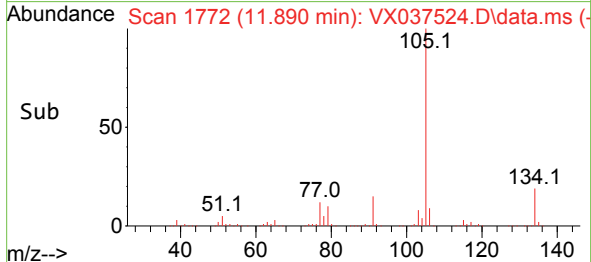
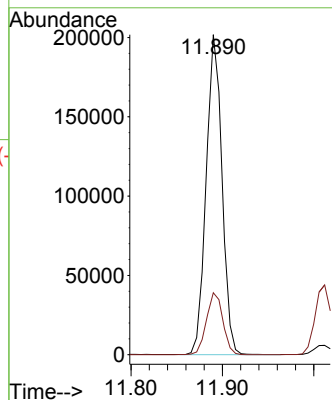
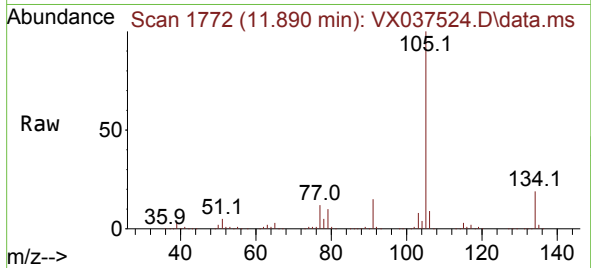




#85  
 sec-Butylbenzene  
 Concen: 45.159 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

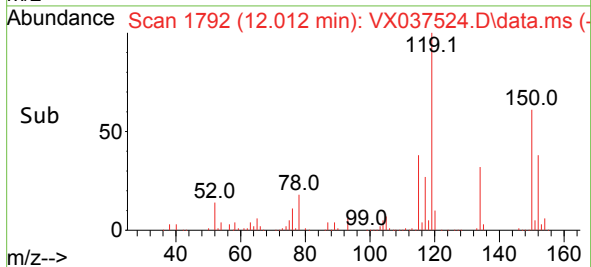
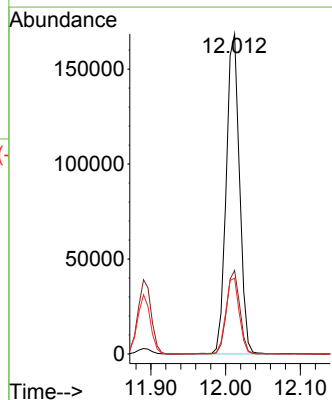
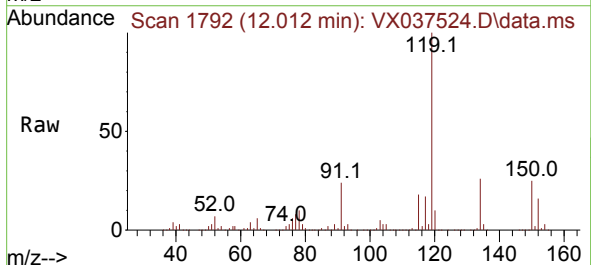
Instrument :  
 MSVOA\_X  
 ClientSampleId :

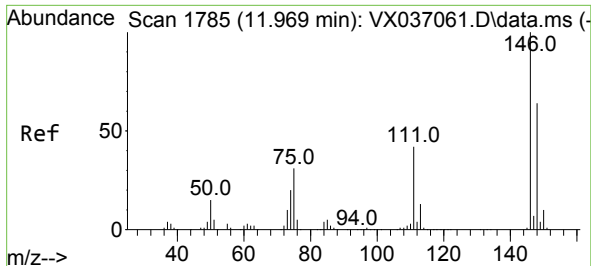
Tgt Ion:105 Resp: 242126  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 45.221 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX037524.D  
 Acq: 05 Sep 2023 20:03

Tgt Ion:119 Resp: 208722  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.8 38.3  
 91 24.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.787 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

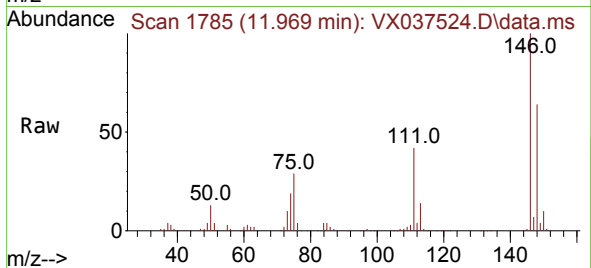
Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :



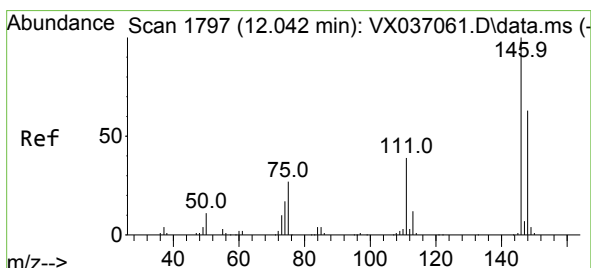
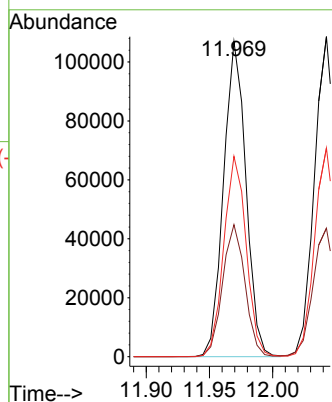
Tgt Ion:146 Resp: 131352

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.096 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

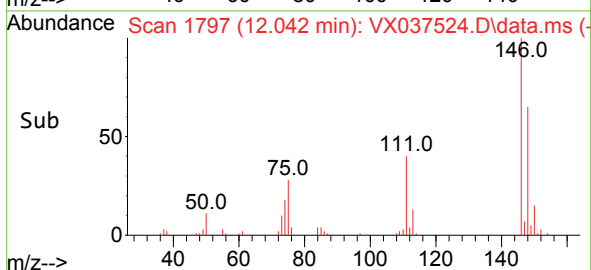
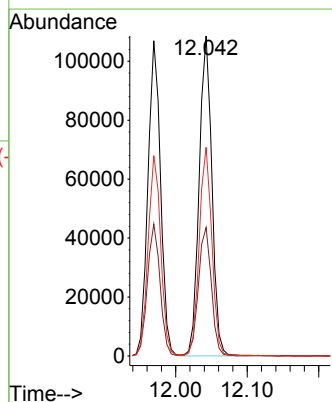
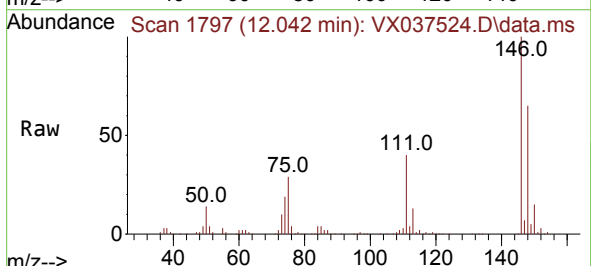
Tgt Ion:146 Resp: 133823

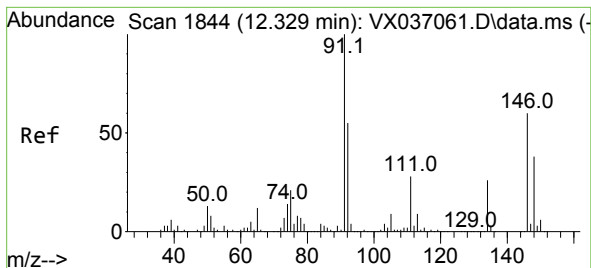
Ion Ratio Lower Upper

146 100

111 41.0 21.3 63.7

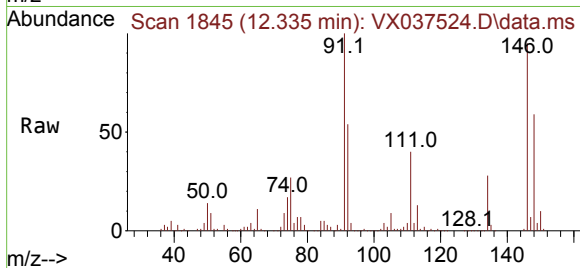
148 64.2 31.8 95.4



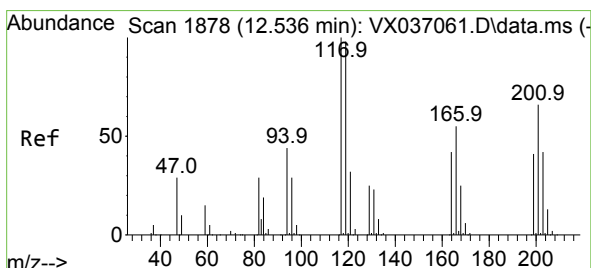
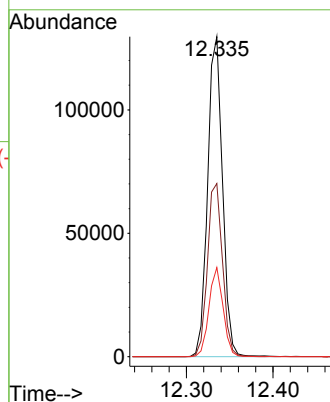
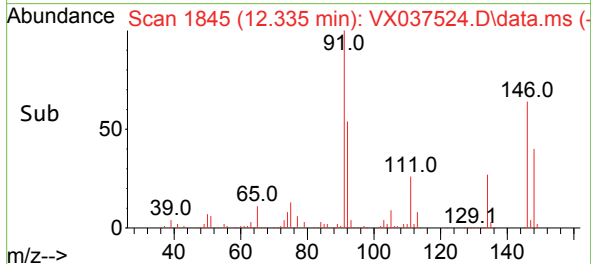


#89  
n-Butylbenzene  
Concen: 40.289 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Instrument :  
MSVOA\_X  
ClientSampleId :

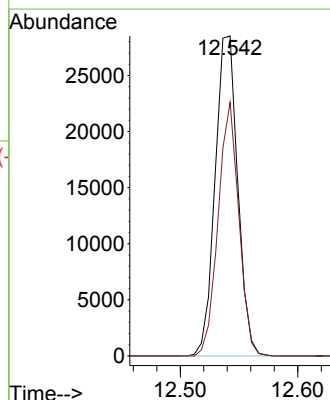
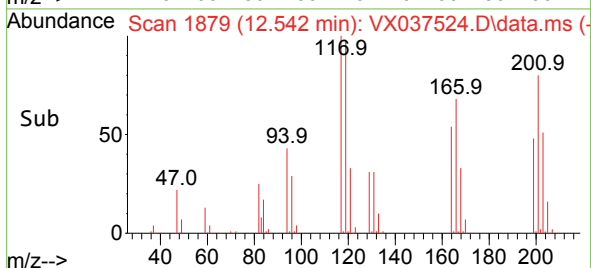
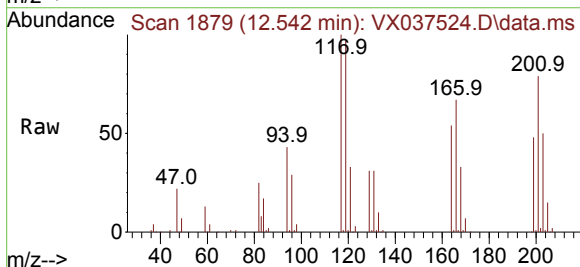


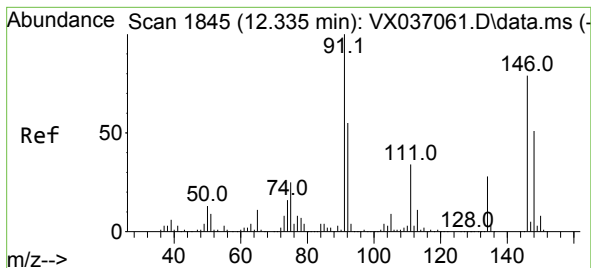
Tgt Ion: 91 Resp: 154173  
Ion Ratio Lower Upper  
91 100  
92 55.0 27.4 82.0  
134 26.6 12.6 37.8



#90  
Hexachloroethane  
Concen: 49.457 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.006 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

Tgt Ion: 117 Resp: 38101  
Ion Ratio Lower Upper  
117 100  
201 72.9 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 56.858 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

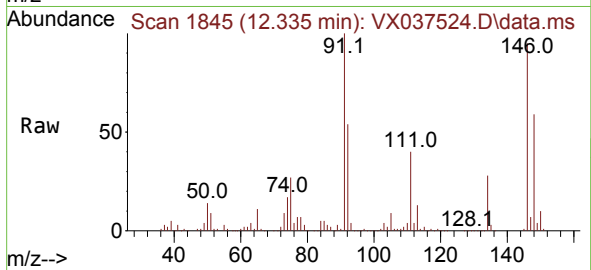
Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :



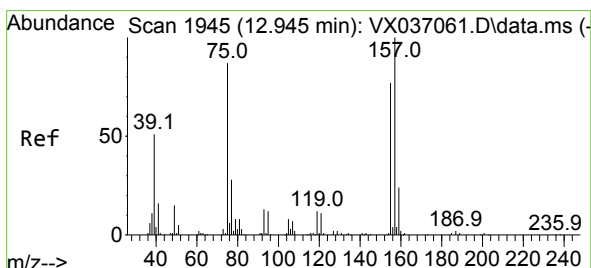
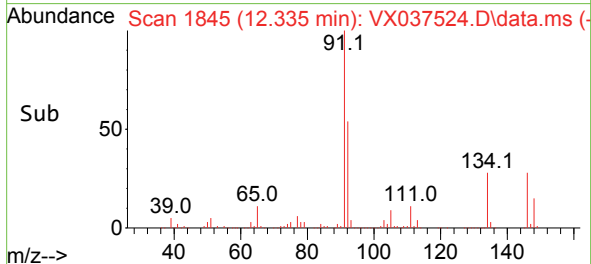
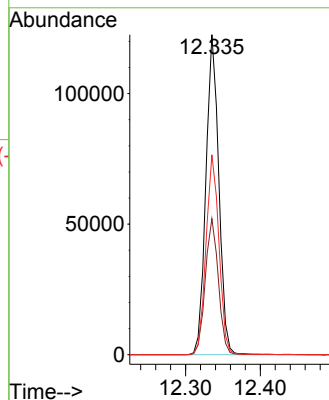
Tgt Ion:146 Resp: 146891

Ion Ratio Lower Upper

146 100

111 43.1 22.4 67.0

148 62.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 65.254 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

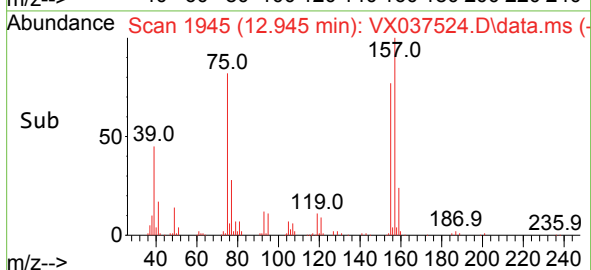
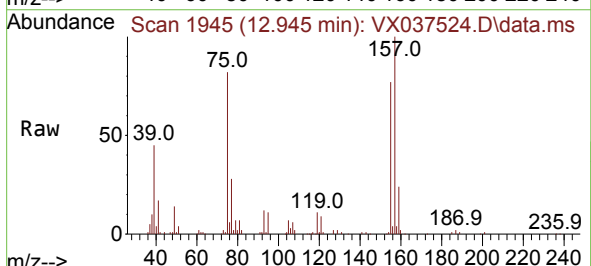
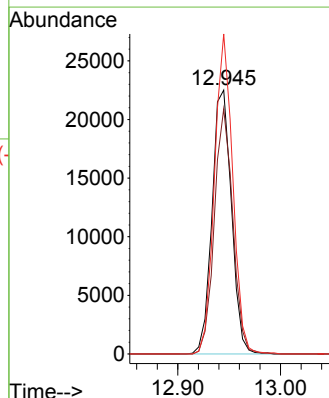
Tgt Ion: 75 Resp: 29463

Ion Ratio Lower Upper

75 100

155 88.5 36.1 108.5

157 114.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.480 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

Instrument :

MSVOA\_X

ClientSampleId :

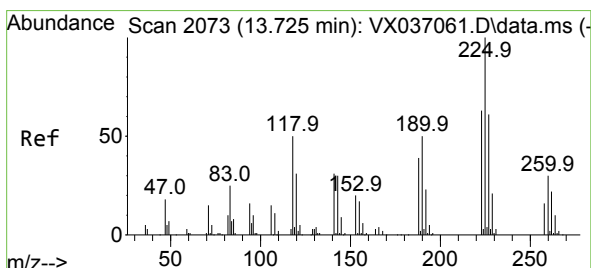
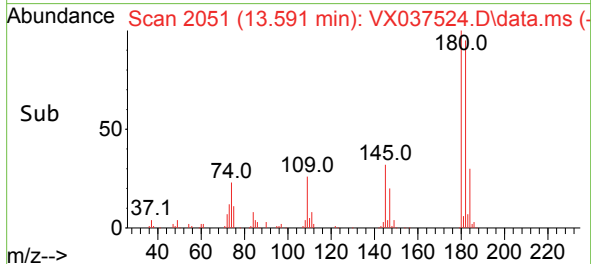
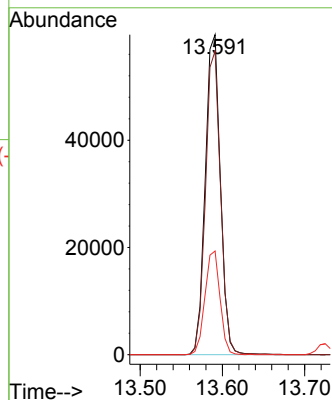
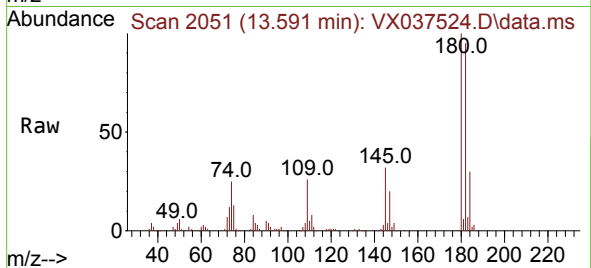
Tgt Ion:180 Resp: 76307

Ion Ratio Lower Upper

180 100

182 94.5 48.3 144.8

145 32.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 39.611 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX037524.D

Acq: 05 Sep 2023 20:03

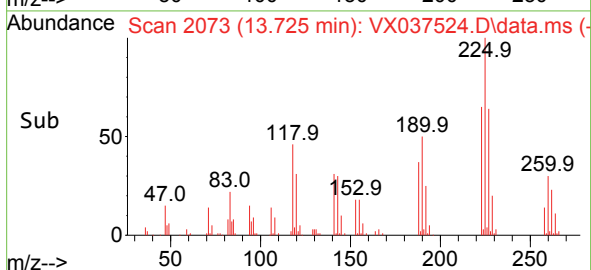
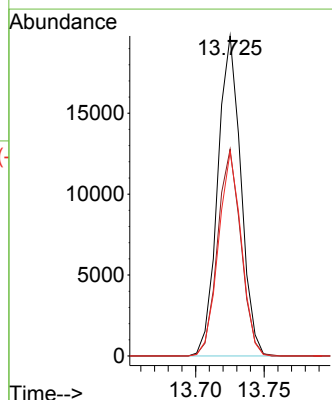
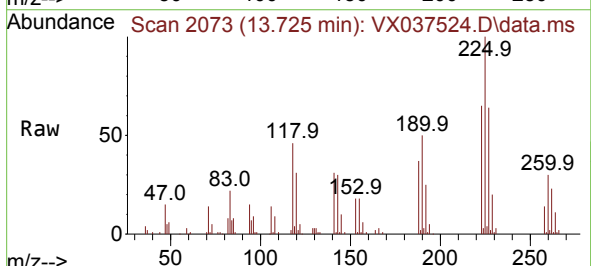
Tgt Ion:225 Resp: 23132

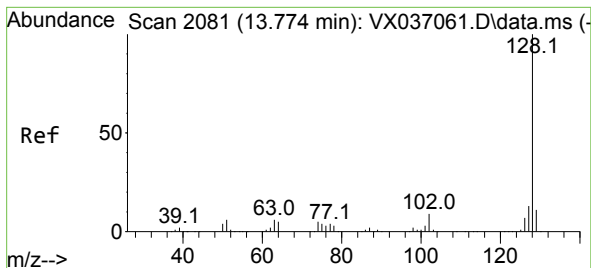
Ion Ratio Lower Upper

225 100

223 65.0 31.1 93.2

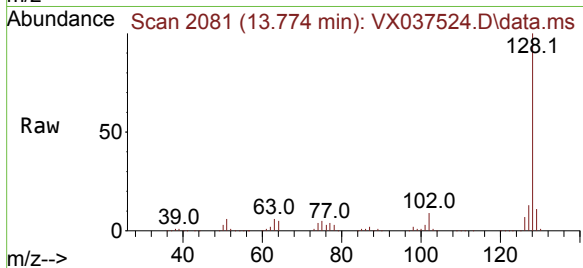
227 63.2 32.5 97.5



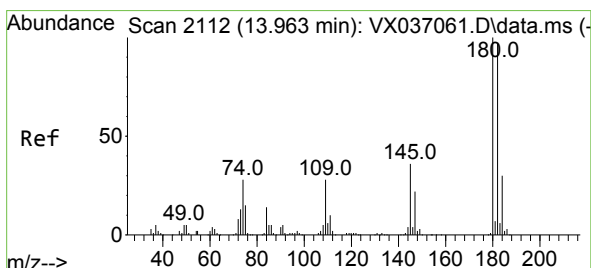
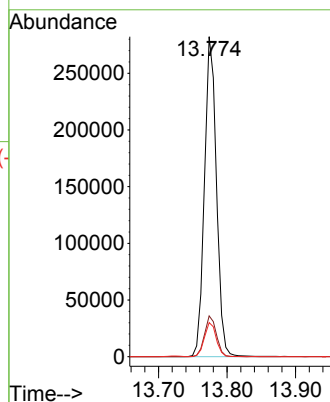
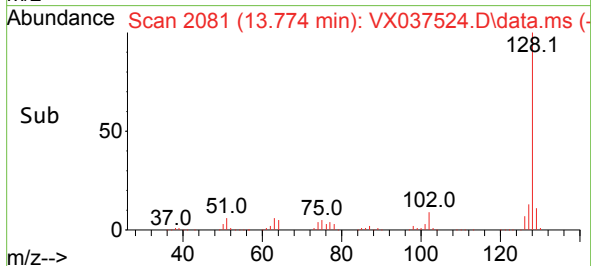


#95  
Naphthalene  
Concen: 52.020 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03

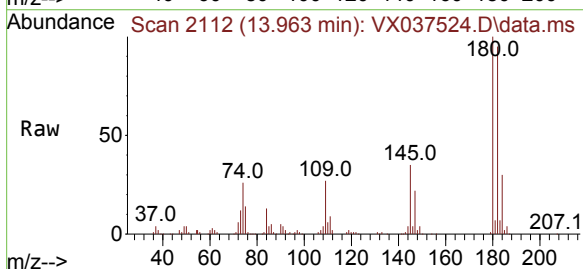
Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 344452  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.3 15.5  
129 10.6 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 55.909 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX037524.D  
Acq: 05 Sep 2023 20:03



Tgt Ion:180 Resp: 83965  
Ion Ratio Lower Upper  
180 100  
182 94.7 46.9 140.6  
145 34.7 17.8 53.5

