

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080124\  
 Data File : VX042787.D  
 Acq On : 01 Aug 2024 10:17  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Aug 01 16:15:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 01 16:14:44 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 93313    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 168480   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 151589   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 66606    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 7605     | 5.073    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 10.140%# |
| 35) Dibromofluoromethane     | 5.397  | 113   | 5744     | 4.935    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 9.880%#  |
| 50) Toluene-d8               | 8.653  | 98    | 20314    | 4.809    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 9.620%#  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 6481     | 4.198    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 8.400%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 6684     | 4.520    | ug/l   | 92       |
| 3) Chloromethane             | 1.300  | 50    | 5795     | 4.773    | ug/l   | 96       |
| 4) Vinyl Chloride            | 1.374  | 62    | 5494     | 4.747    | ug/l   | 97       |
| 5) Bromomethane              | 1.599  | 94    | 1899     | 4.762    | ug/l   | 98       |
| 6) Chloroethane              | 1.666  | 64    | 2009     | 4.808    | ug/l # | 85       |
| 7) Trichlorofluoromethane    | 1.873  | 101   | 7854     | 5.056    | ug/l   | 98       |
| 8) Diethyl Ether             | 2.142  | 74    | 3059     | 5.168    | ug/l   | 76       |
| 9) 1,1,2-Trichlorotrifluo... | 2.318  | 101   | 5903     | 5.038    | ug/l   | 95       |
| 10) Methyl Iodide            | 2.446  | 142   | 4370     | 3.897    | ug/l # | 94       |
| 11) Tert butyl alcohol       | 2.989  | 59    | 5850     | 15.756   | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.312  | 96    | 5688     | 5.008    | ug/l   | 81       |
| 13) Acrolein                 | 2.239  | 56    | 7544     | 25.601   | ug/l   | 99       |
| 14) Allyl chloride           | 2.660  | 41    | 7686     | 5.264    | ug/l # | 90       |
| 15) Acrylonitrile            | 3.074  | 53    | 15510    | 25.188   | ug/l   | 100      |
| 16) Acetone                  | 2.392  | 43    | 14251    | 26.179   | ug/l   | 93       |
| 17) Carbon Disulfide         | 2.501  | 76    | 10943    | 4.271    | ug/l # | 95       |
| 18) Methyl Acetate           | 2.709  | 43    | 6657     | 4.873    | ug/l # | 90       |
| 19) Methyl tert-butyl Ether  | 3.123  | 73    | 18157    | 4.822    | ug/l   | 95       |
| 20) Methylene Chloride       | 2.788  | 84    | 7296     | 5.098    | ug/l   | 83       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 5828     | 4.973    | ug/l   | 88       |
| 22) Diisopropyl ether        | 3.763  | 45    | 15837    | 5.060    | ug/l # | 85       |
| 23) Vinyl Acetate            | 3.727  | 43    | 66557    | 24.459   | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 10399    | 5.114    | ug/l   | 97       |
| 25) 2-Butanone               | 4.574  | 43    | 19614    | 24.523   | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 4.471  | 77    | 8405     | 4.830    | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 6731     | 4.914    | ug/l   | 88       |
| 28) Bromochloromethane       | 4.903  | 49    | 4482     | 6.149    | ug/l # | 85       |
| 29) Tetrahydrofuran          | 5.025  | 42    | 12984    | 26.062   | ug/l # | 88       |
| 30) Chloroform               | 5.098  | 83    | 11529    | 5.099    | ug/l # | 82       |
| 31) Cyclohexane              | 5.464  | 56    | 7938     | 4.806    | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 9689     | 4.825    | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 7194     | 4.766    | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.733  | 43    | 6709     | 4.354    | ug/l # | 91       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 7973     | 4.584    | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.379  | 83    | 8708     | 4.604    | ug/l   | 84       |
| 40) Benzene                  | 6.037  | 78    | 23538    | 4.970    | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080124\  
 Data File : VX042787.D  
 Acq On : 01 Aug 2024 10:17  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Aug 01 16:15:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 01 16:14:44 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 4035     | 4.952   | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 8472     | 4.953   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.354  | 43   | 11415    | 4.737   | ug/l   | 94       |
| 44) Trichloroethene           | 7.135  | 130  | 5718     | 4.612   | ug/l   | 85       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 5436     | 5.119   | ug/l   | 93       |
| 46) Dibromomethane            | 7.592  | 93   | 4522     | 5.000   | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 7631     | 4.627   | ug/l   | 91       |
| 48) Methyl methacrylate       | 7.708  | 41   | 5331     | 4.499   | ug/l # | 86       |
| 49) 1,4-Dioxane               | 7.677  | 88   | 2291     | 105.470 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 39506    | 24.752  | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 14762    | 4.804   | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 6867     | 4.203   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 7877     | 4.538   | ug/l   | 89       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 6478     | 5.212   | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 7747     | 4.304   | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 9526     | 4.857   | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 19244    | 23.214  | ug/l   | 94       |
| 59) 2-Hexanone                | 9.433  | 43   | 29888    | 24.147  | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.524  | 129  | 5293     | 4.205   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 6137     | 4.977   | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 5169     | 5.033   | ug/l   | 96       |
| 65) Chlorobenzene             | 10.079 | 112  | 17084    | 5.104   | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 5085     | 4.547   | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 26805    | 4.763   | ug/l   | 94       |
| 68) m/p-Xylenes               | 10.299 | 106  | 19657    | 9.143   | ug/l   | 96       |
| 69) o-Xylene                  | 10.640 | 106  | 10119    | 4.760   | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 15942    | 4.438   | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 3529     | 4.224   | ug/l # | 95       |
| 73) Isopropylbenzene          | 10.963 | 105  | 24375    | 4.783   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.847 | 43   | 9072     | 4.631   | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 9085     | 5.166   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 9940     | 6.400   | ug/l   | 91       |
| 77) Bromobenzene              | 11.201 | 156  | 6173     | 4.891   | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 26064    | 4.587   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 17997    | 4.866   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 20562    | 4.709   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 2033     | 3.954   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 19794    | 4.717   | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 20434    | 4.696   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 20289    | 4.654   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 25547    | 4.795   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 19754    | 4.398   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 11093    | 4.712   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 11156    | 4.711   | ug/l   | 94       |
| 89) n-Butylbenzene            | 12.335 | 91   | 15804    | 4.300   | ug/l   | 96       |
| 90) Hexachloroethane          | 12.536 | 117  | 3516     | 4.419   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 11747    | 5.045   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 1743     | 4.454   | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 5373     | 4.020   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 2581     | 4.446   | ug/l   | 93       |
| 95) Naphthalene               | 13.774 | 128  | 21029    | 4.123   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 5779     | 4.206   | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080124\  
Data File : VX042787.D  
Acq On : 01 Aug 2024 10:17  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

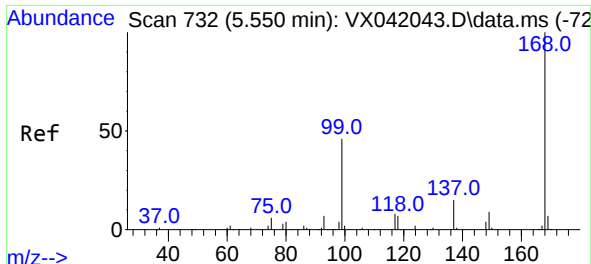
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Quant Time: Aug 01 16:15:53 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X080124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 01 16:14:44 2024  
Response via : Initial Calibration

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

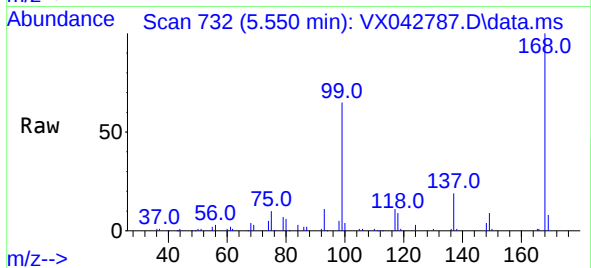
(#) = qualifier out of range (m) = manual integration (+) = signals summed



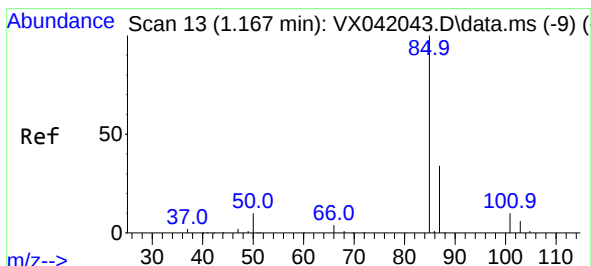
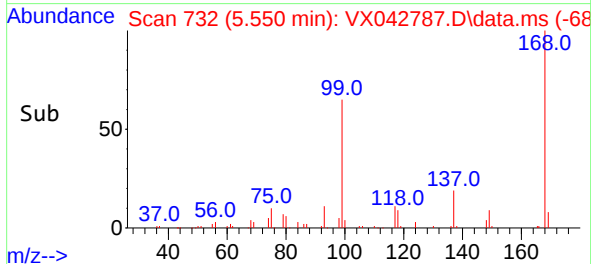
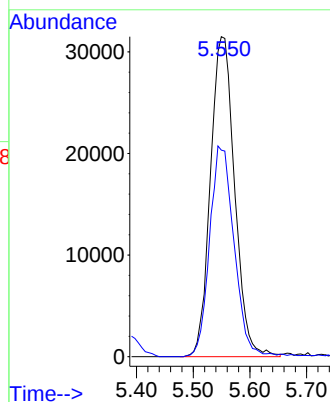


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

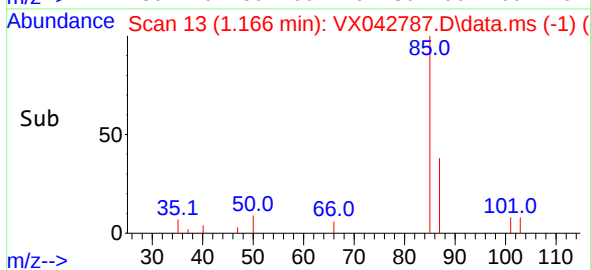
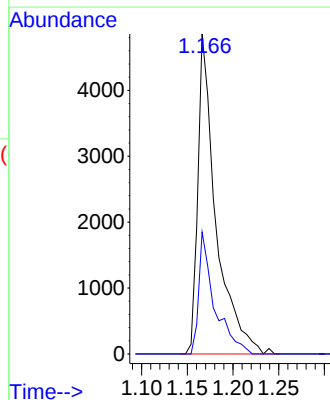
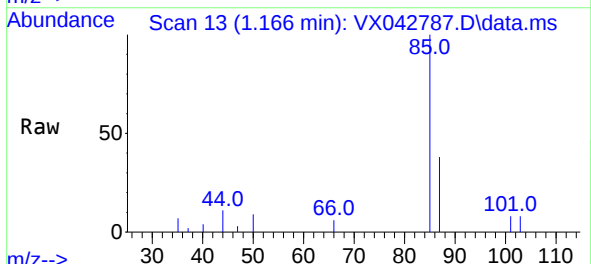


Tgt Ion:168 Resp: 93313  
Ion Ratio Lower Upper  
168 100  
99 64.6 56.6 85.0

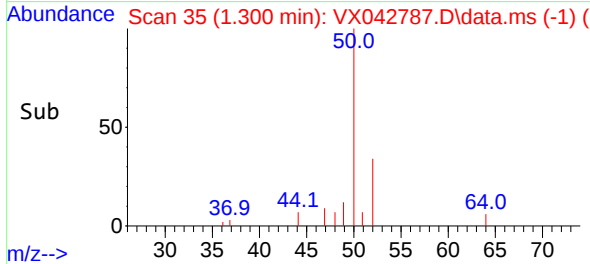
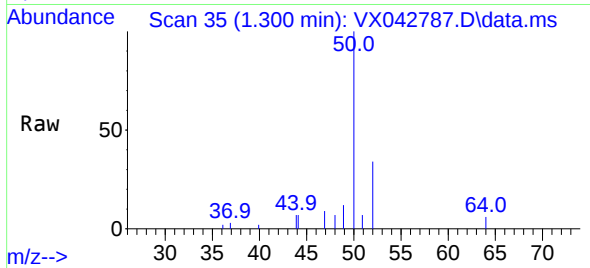
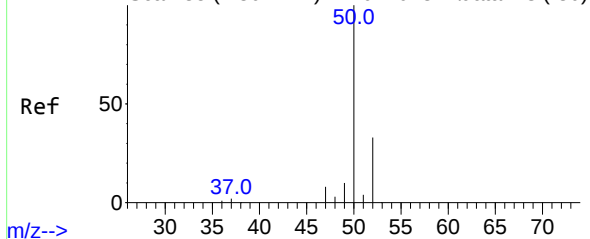


#2  
Dichlorodifluoromethane  
Concen: 4.520 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 85 Resp: 6684  
Ion Ratio Lower Upper  
85 100  
87 38.1 16.7 50.1



Abundance Scan 35 (1.301 min): VX042043.D\data.ms (-30)



#3

Chloromethane

Concen: 4.773 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.007 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

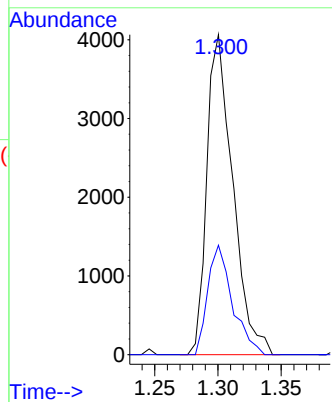
VSTDICC005

Tgt Ion: 50 Resp: 5795

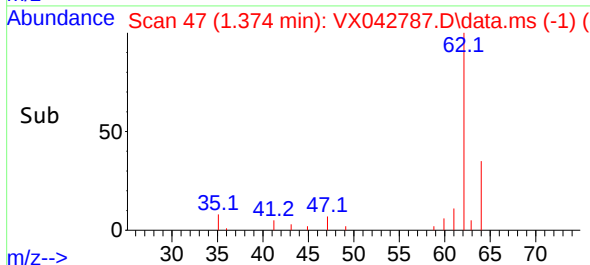
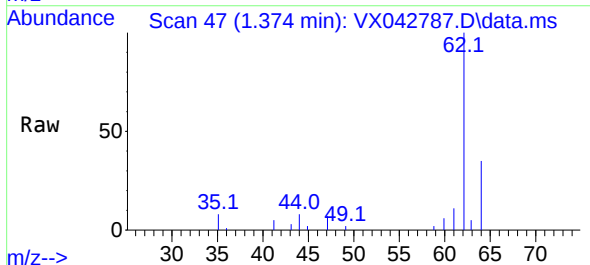
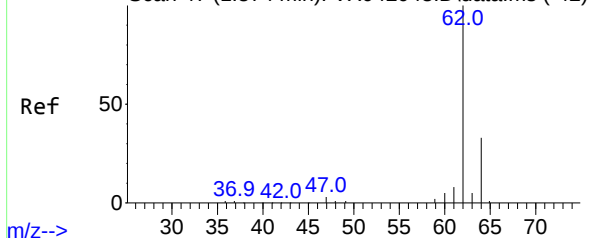
Ion Ratio Lower Upper

50 100

52 34.2 25.5 38.3



Abundance Scan 47 (1.374 min): VX042043.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 4.747 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX042787.D

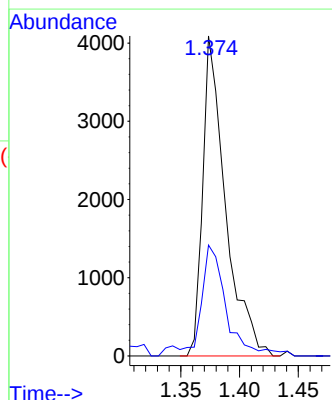
Acq: 01 Aug 2024 10:17

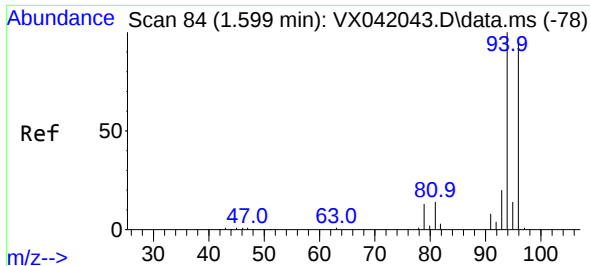
Tgt Ion: 62 Resp: 5494

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.0

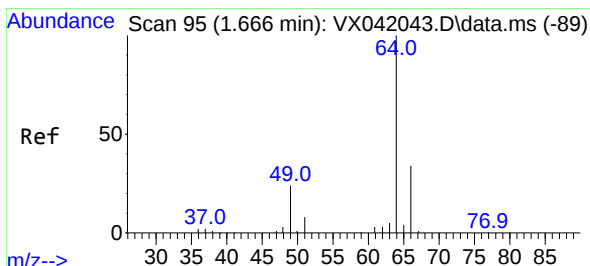
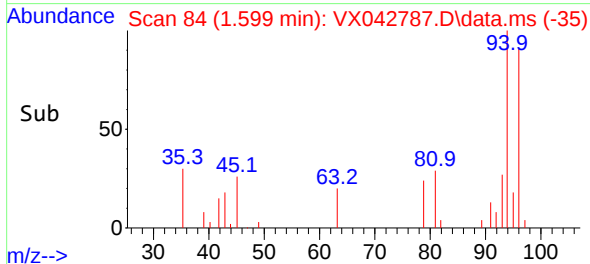
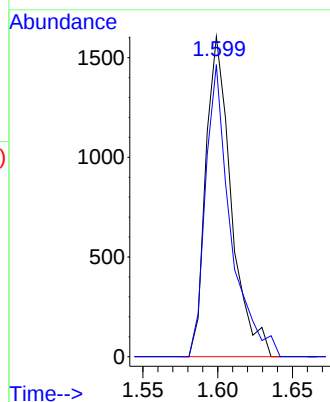
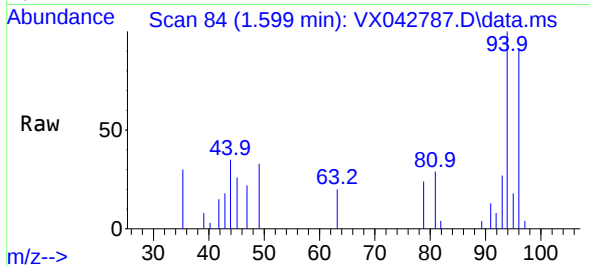




#5  
Bromomethane  
Concen: 4.762 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

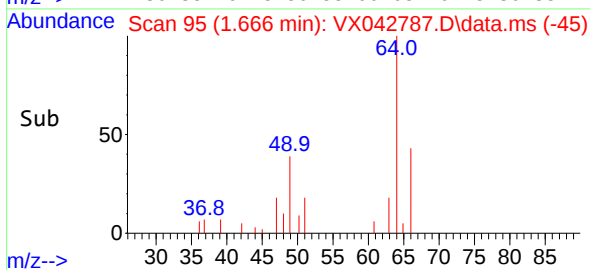
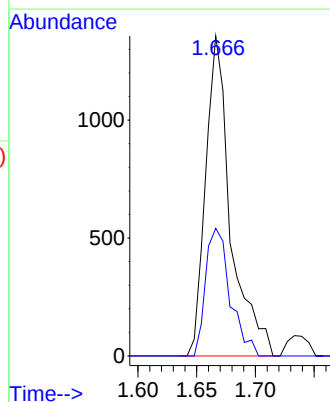
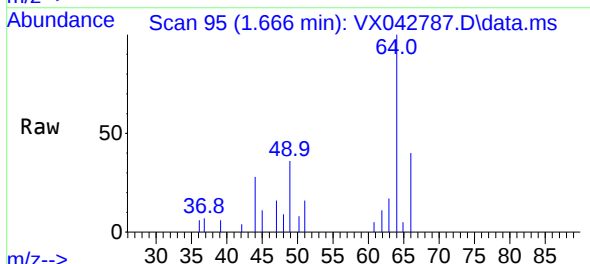
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

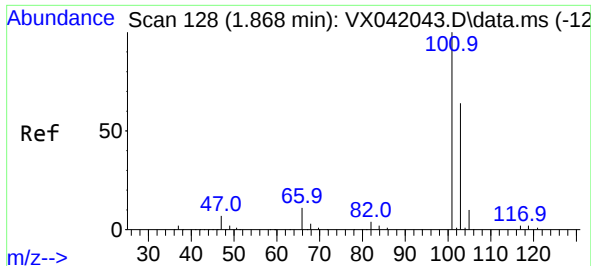
Tgt Ion: 94 Resp: 1899  
Ion Ratio Lower Upper  
94 100  
96 91.3 74.6 111.8



#6  
Chloroethane  
Concen: 4.808 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 64 Resp: 2009  
Ion Ratio Lower Upper  
64 100  
66 39.9 25.1 37.7#

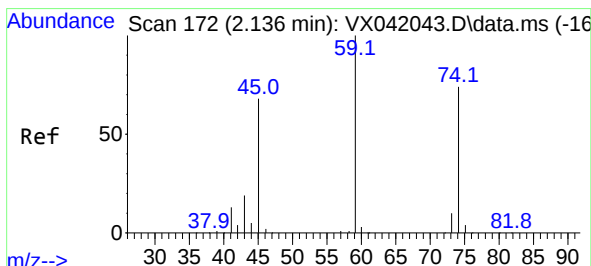
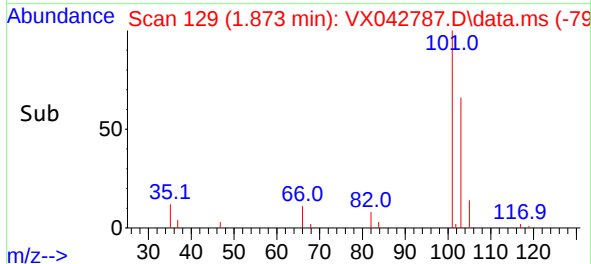
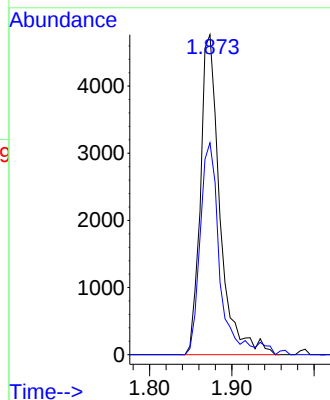
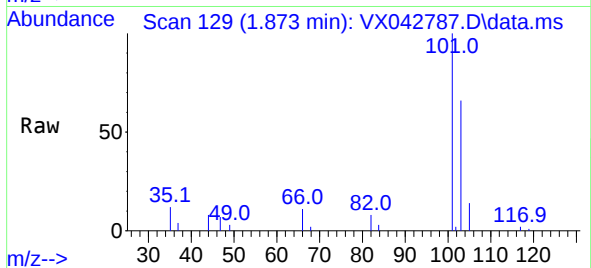




#7  
Trichlorofluoromethane  
Concen: 5.056 ug/l  
RT: 1.873 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

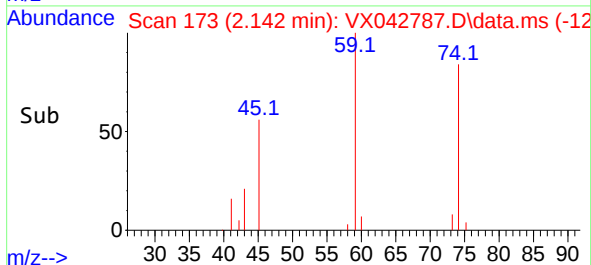
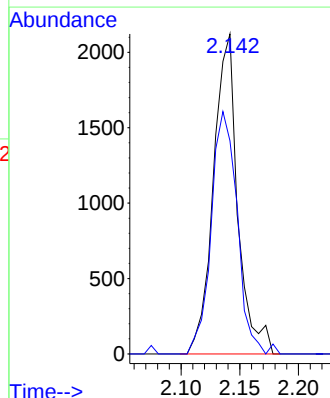
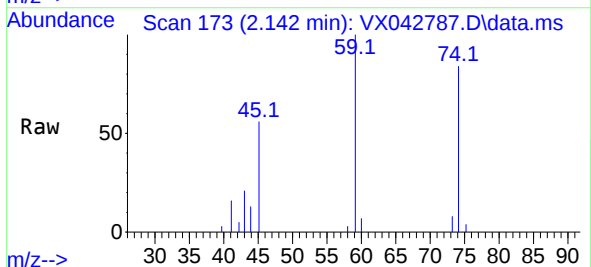
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

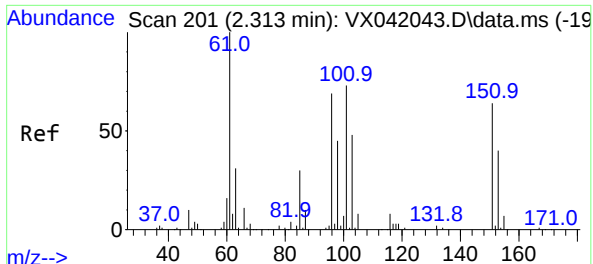
Tgt Ion:101 Resp: 7854  
Ion Ratio Lower Upper  
101 100  
103 66.2 51.4 77.2



#8  
Diethyl Ether  
Concen: 5.168 ug/l  
RT: 2.142 min Scan# 173  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 74 Resp: 3059  
Ion Ratio Lower Upper  
74 100  
45 81.3 53.3 159.8

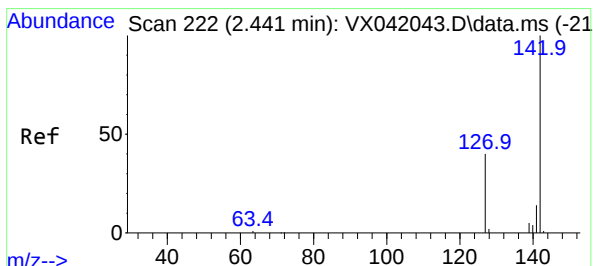
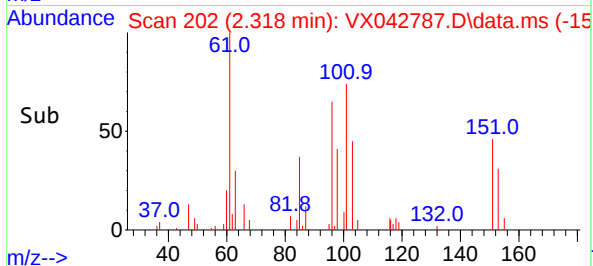
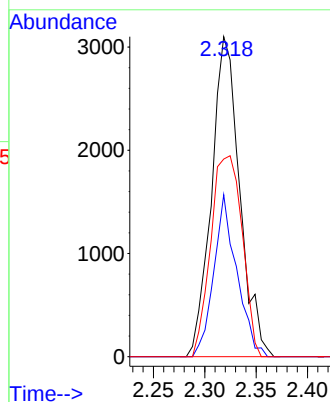
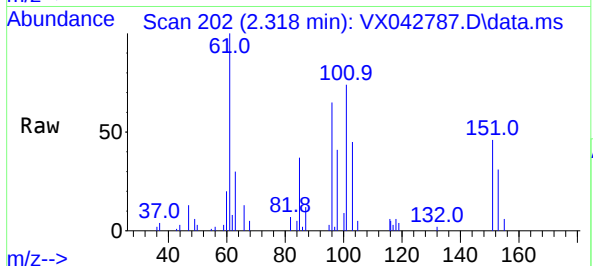




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.038 ug/l  
RT: 2.318 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

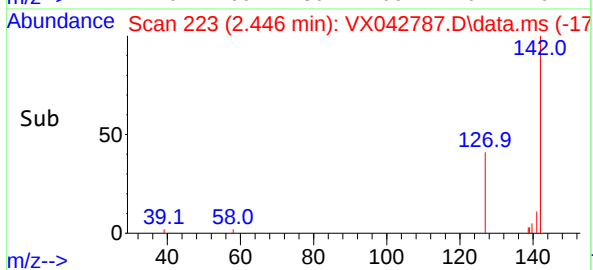
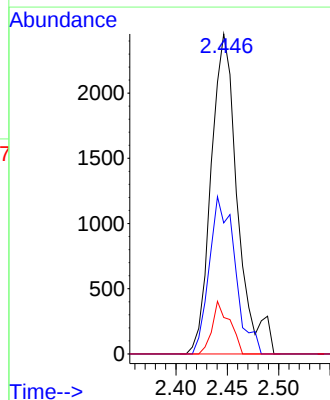
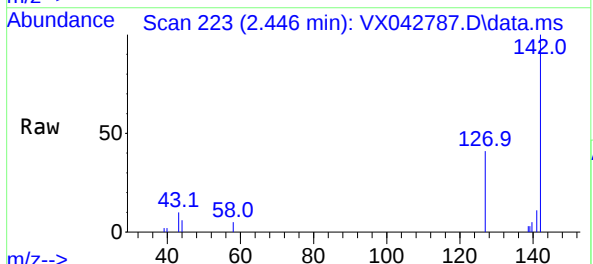
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

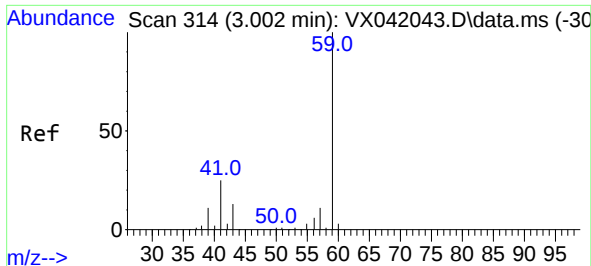
Tgt Ion:101 Resp: 5903  
Ion Ratio Lower Upper  
101 100  
85 41.4 37.0 55.6  
151 70.1 58.6 87.8



#10  
Methyl Iodide  
Concen: 3.897 ug/l  
RT: 2.446 min Scan# 223  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:142 Resp: 4370  
Ion Ratio Lower Upper  
142 100  
127 48.2 41.6 62.4  
141 11.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 15.756 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

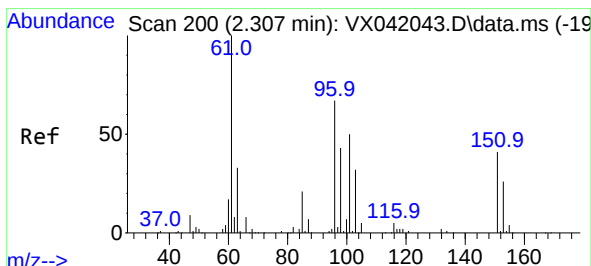
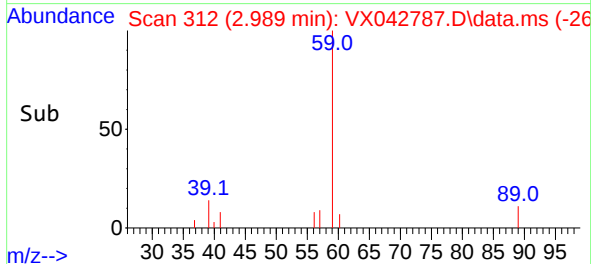
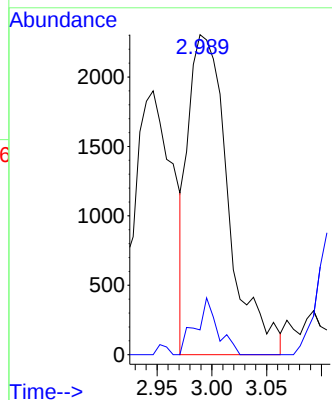
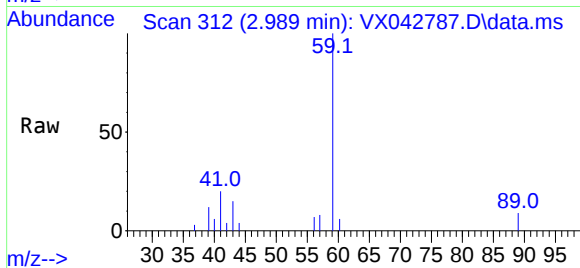
VSTDIC005

Tgt Ion: 59 Resp: 5850

Ion Ratio Lower Upper

59 100

57 9.8 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 5.008 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

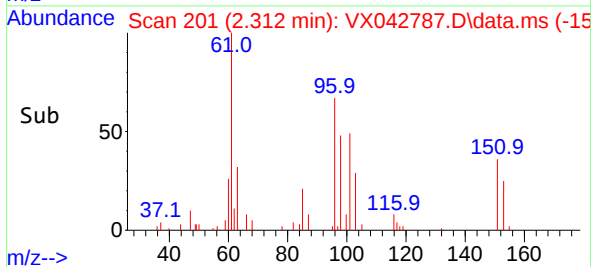
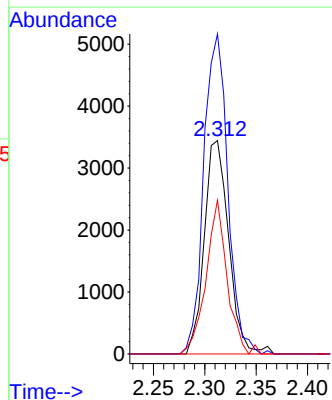
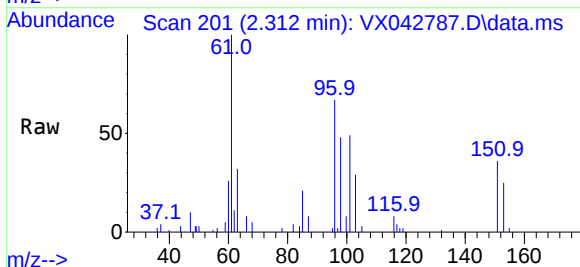
Tgt Ion: 96 Resp: 5688

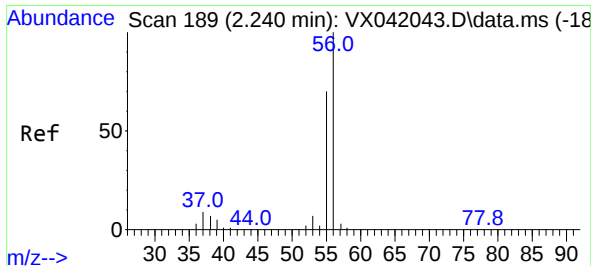
Ion Ratio Lower Upper

96 100

61 149.9 144.6 216.8

98 72.1 50.4 75.6

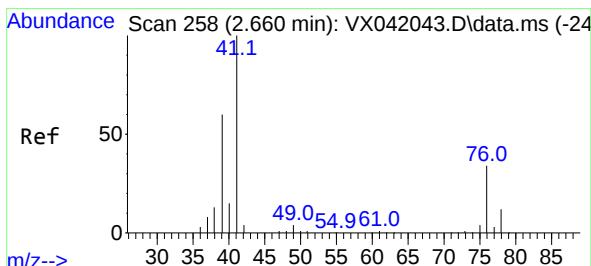
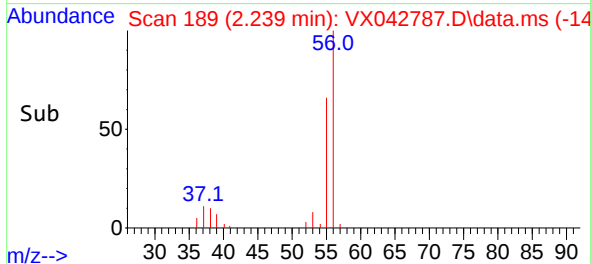
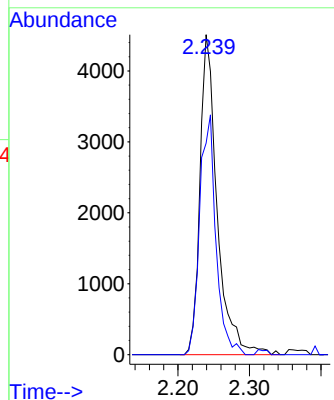
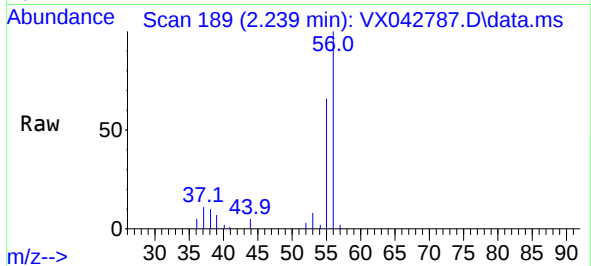




#13  
Acrolein  
Concen: 25.601 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

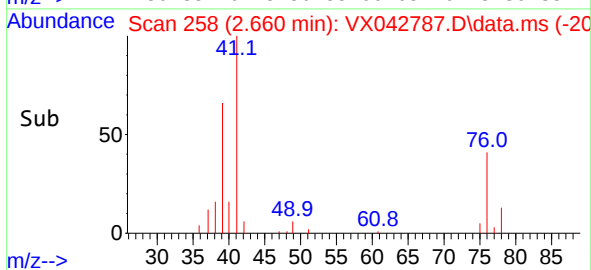
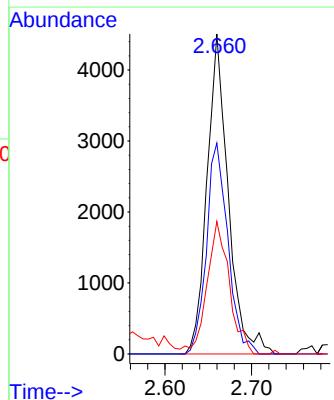
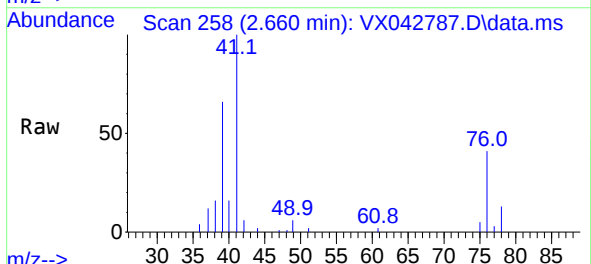
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

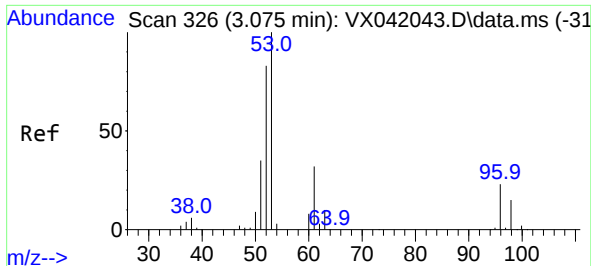
Tgt Ion: 56 Resp: 7544  
Ion Ratio Lower Upper  
56 100  
55 70.6 57.1 85.7



#14  
Allyl chloride  
Concen: 5.264 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 41 Resp: 7686  
Ion Ratio Lower Upper  
41 100  
39 66.5 55.8 83.6  
76 43.6 24.3 36.5

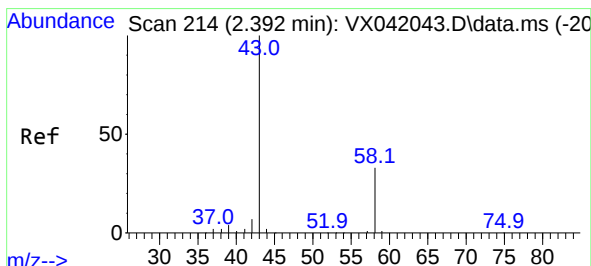
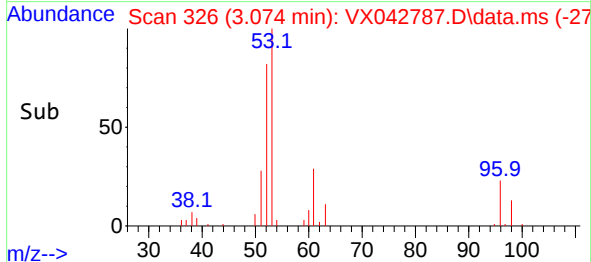
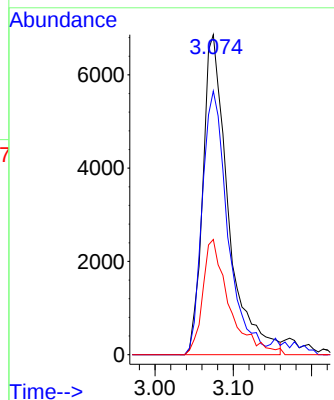
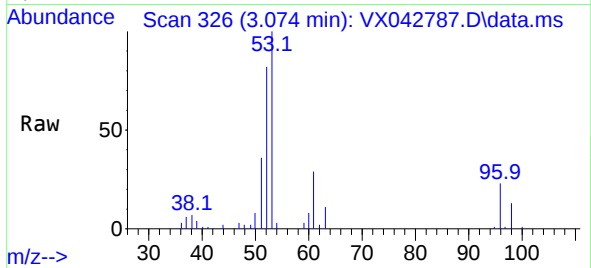




#15  
Acrylonitrile  
Concen: 25.188 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

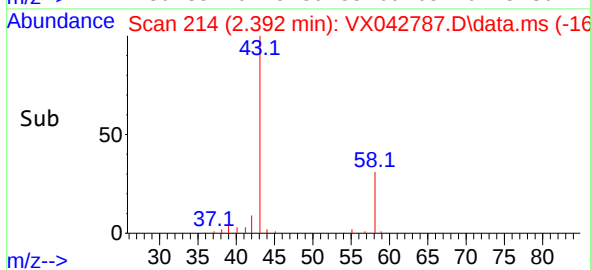
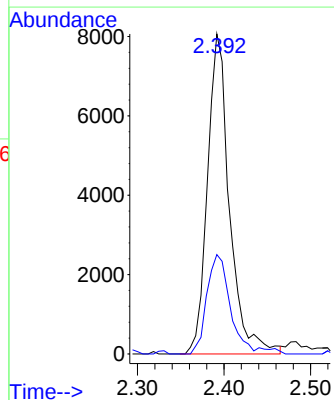
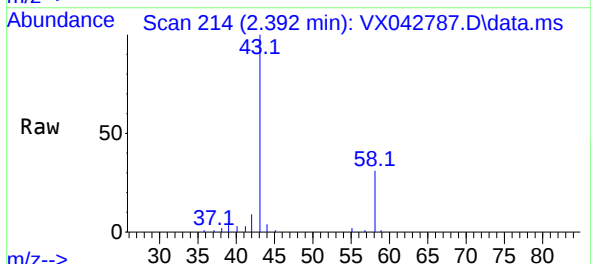
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

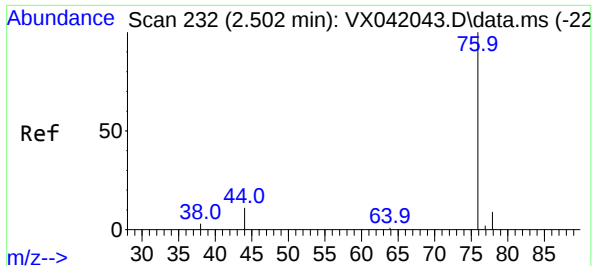
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 15510 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.5  | 66.0  | 99.0  |
| 51       | 37.5  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 26.179 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 14251 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.1  | 21.9  | 32.9  |

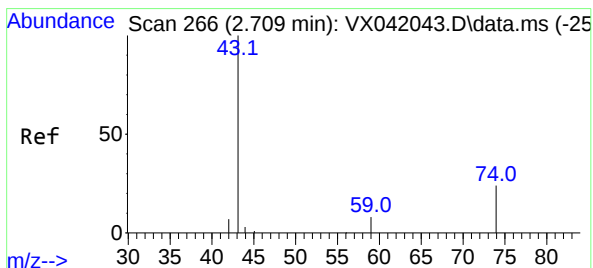
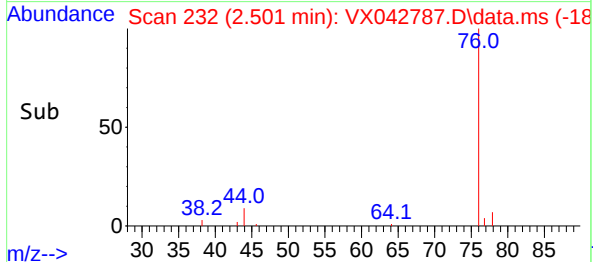
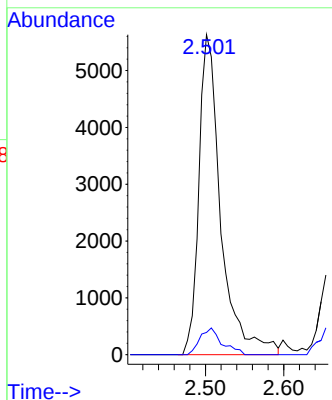
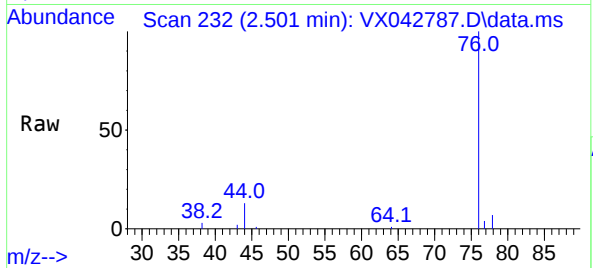




#17  
Carbon Disulfide  
Concen: 4.271 ug/l  
RT: 2.501 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

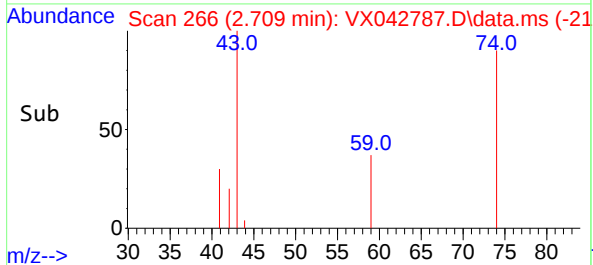
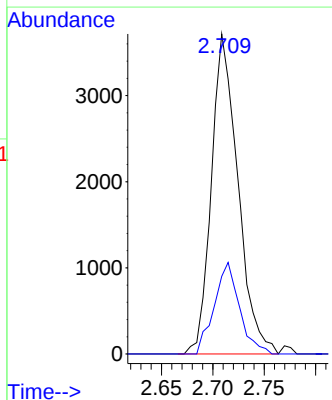
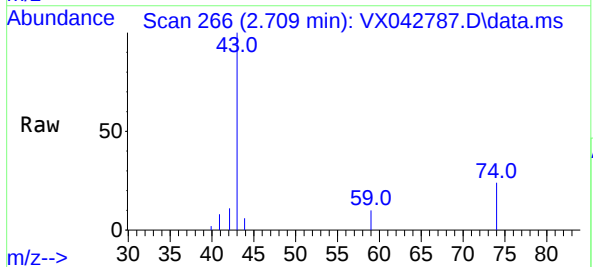
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

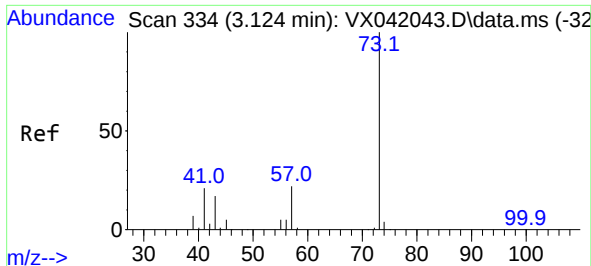
Tgt Ion: 76 Resp: 10943  
Ion Ratio Lower Upper  
76 100  
78 7.0 7.0 10.6#



#18  
Methyl Acetate  
Concen: 4.873 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 43 Resp: 6657  
Ion Ratio Lower Upper  
43 100  
74 27.2 17.8 26.8#

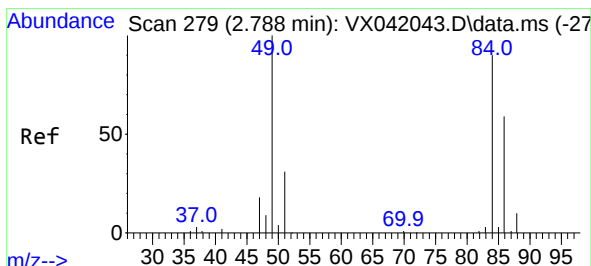
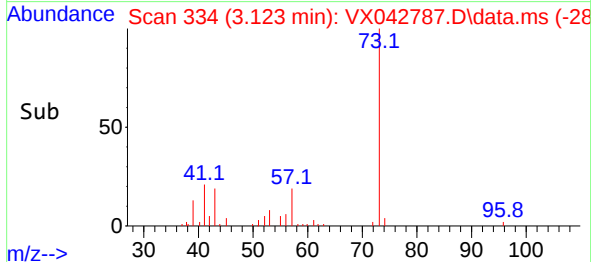
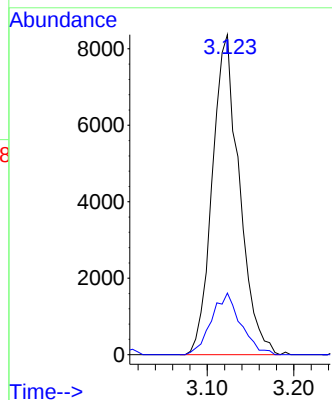
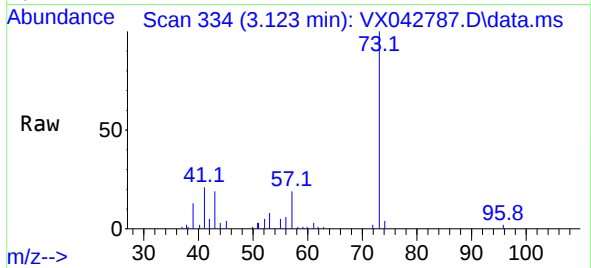




#19  
Methyl tert-butyl Ether  
Concen: 4.822 ug/l  
RT: 3.123 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

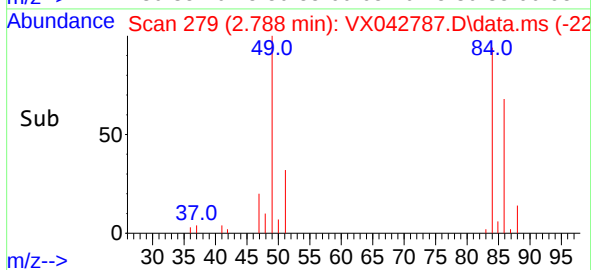
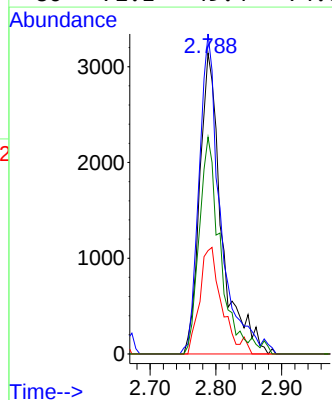
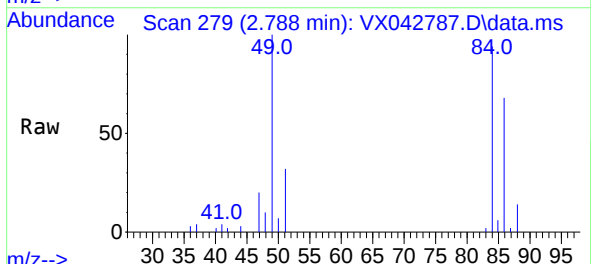
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

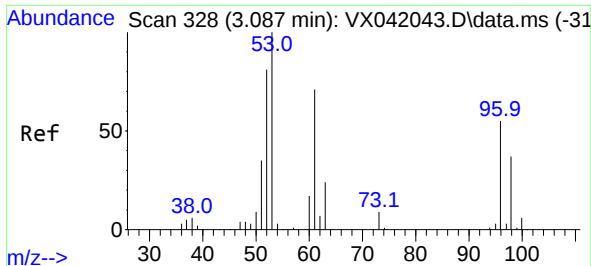
Tgt Ion: 73 Resp: 18157  
Ion Ratio Lower Upper  
73 100  
57 19.3 17.3 25.9



#20  
Methylene Chloride  
Concen: 5.098 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 84 Resp: 7296  
Ion Ratio Lower Upper  
84 100  
49 106.4 103.6 155.4  
51 34.4 33.8 50.6  
86 72.1 49.4 74.0

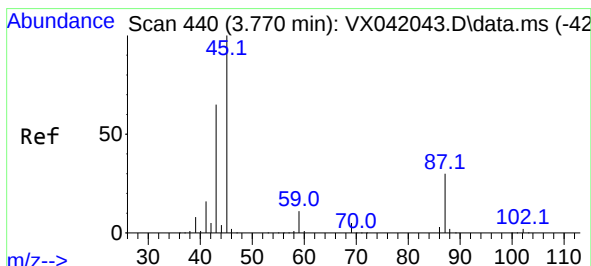
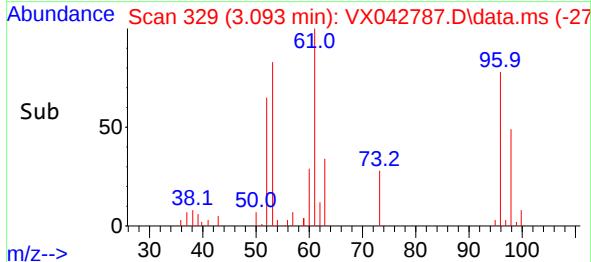
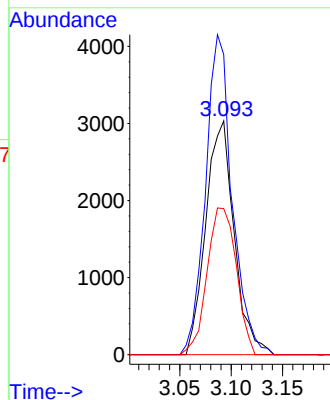
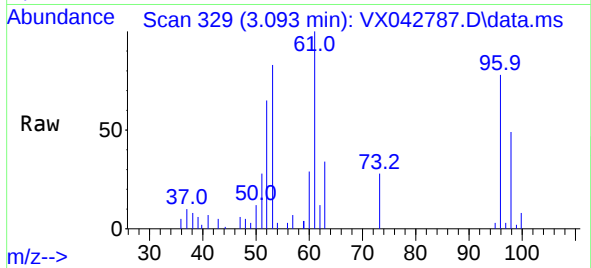




#21  
trans-1,2-Dichloroethene  
Concen: 4.973 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

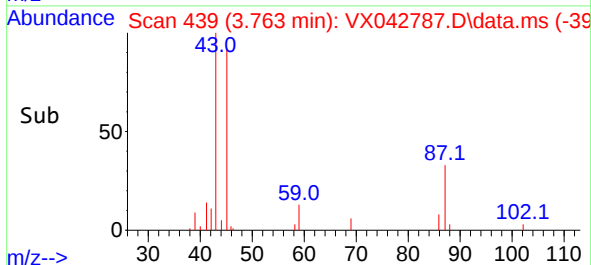
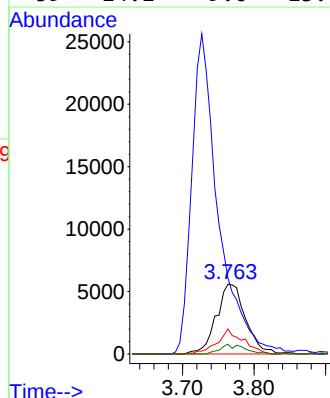
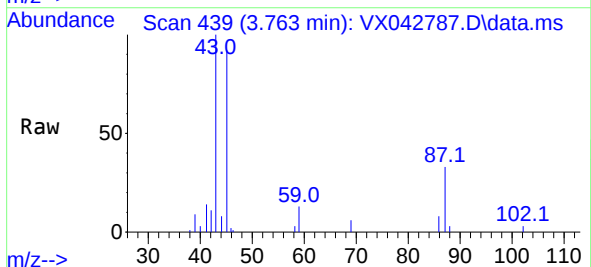
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

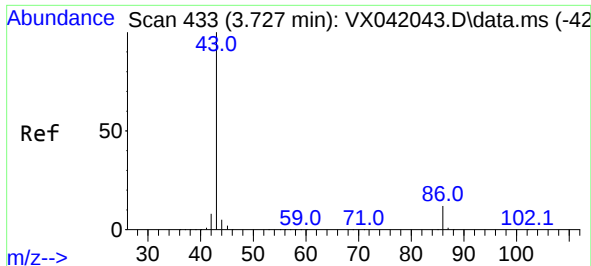
Tgt Ion: 96 Resp: 5828  
Ion Ratio Lower Upper  
96 100  
61 128.4 119.2 178.8  
98 62.5 48.7 73.1



#22  
Diisopropyl ether  
Concen: 5.060 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.007 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 45 Resp: 15837  
Ion Ratio Lower Upper  
45 100  
43 100.2 69.7 104.5  
87 35.8 20.8 31.2#  
59 14.1 9.0 13.4#

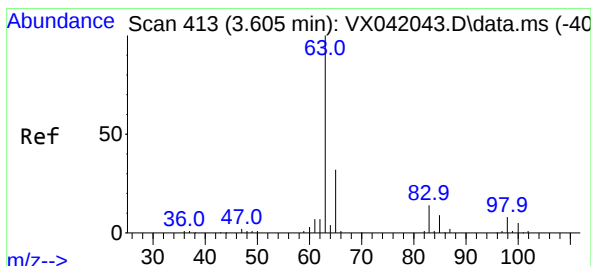
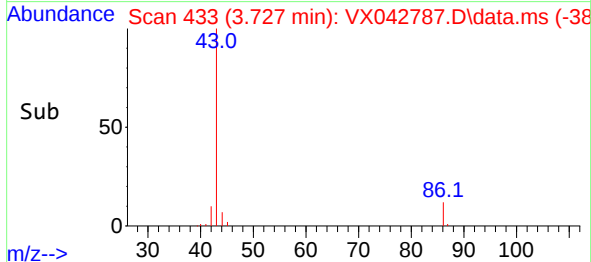
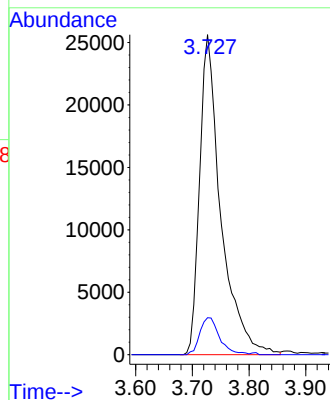
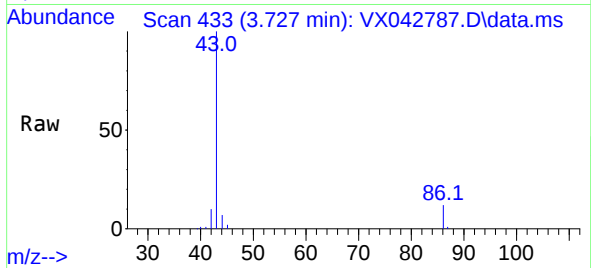




#23  
 Vinyl Acetate  
 Concen: 24.459 ug/l  
 RT: 3.727 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX042787.D  
 Acq: 01 Aug 2024 10:17

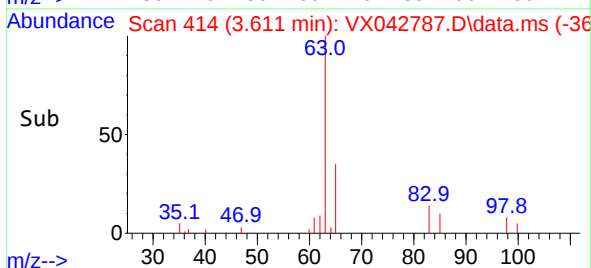
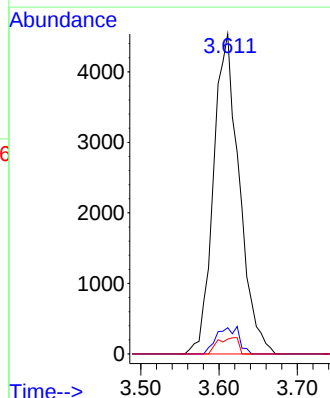
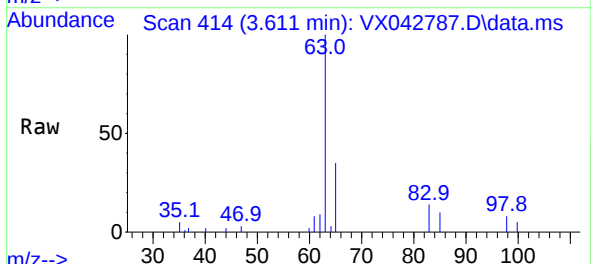
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005

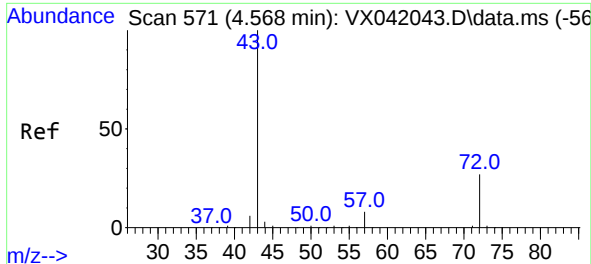
Tgt Ion: 43 Resp: 66557  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 5.114 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX042787.D  
 Acq: 01 Aug 2024 10:17

Tgt Ion: 63 Resp: 10399  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.3 9.8  
 100 4.7 2.1 6.5

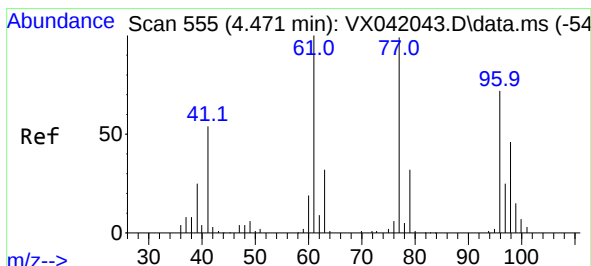
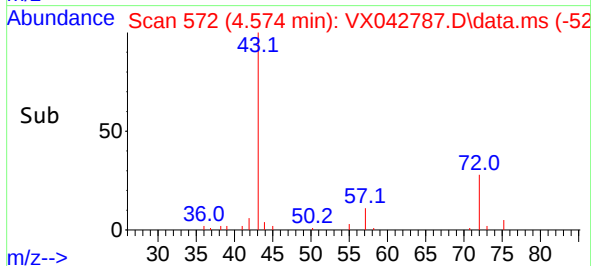
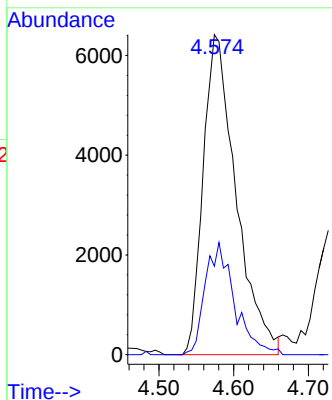
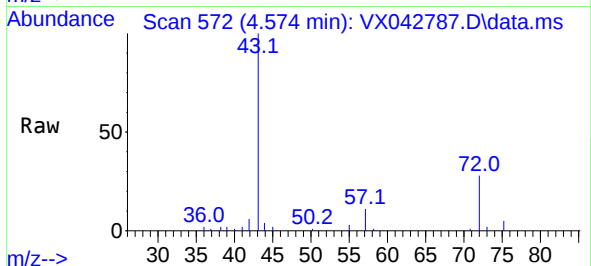




#25  
2-Butanone  
Concen: 24.523 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

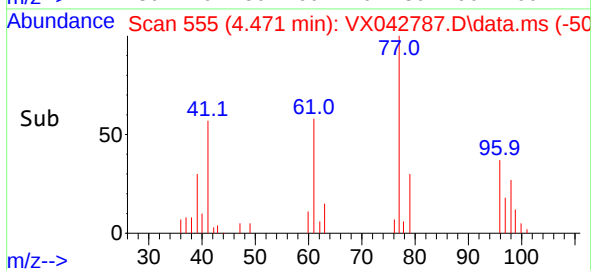
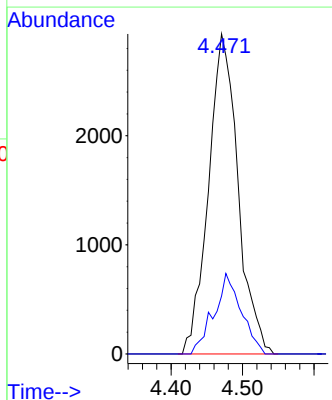
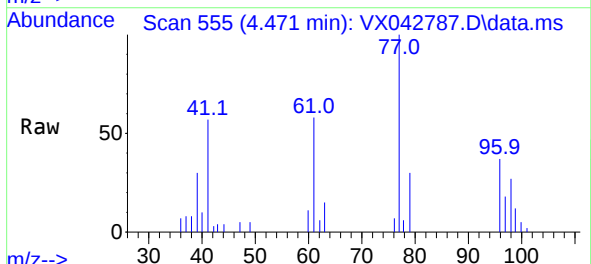
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

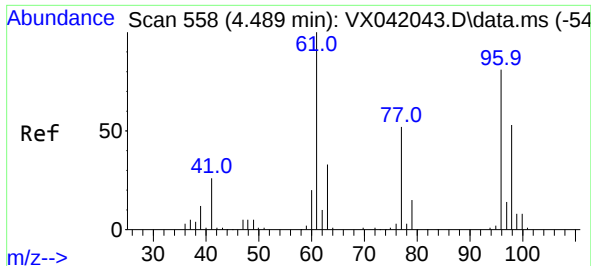
Tgt Ion: 43 Resp: 19614  
Ion Ratio Lower Upper  
43 100  
72 27.7 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 4.830 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 77 Resp: 8405  
Ion Ratio Lower Upper  
77 100  
97 23.2 10.8 32.3

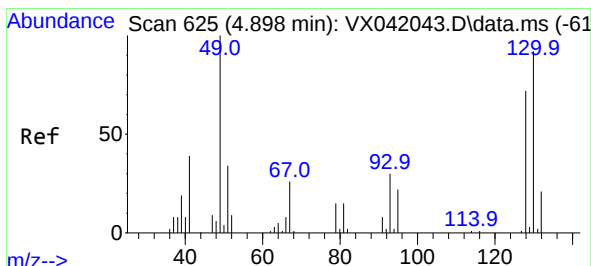
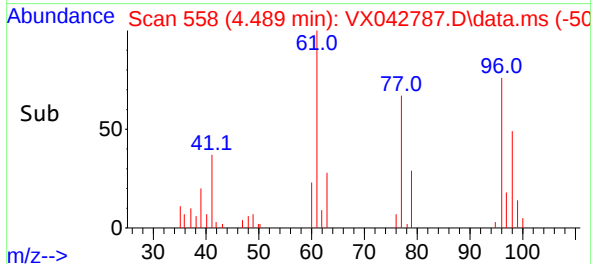
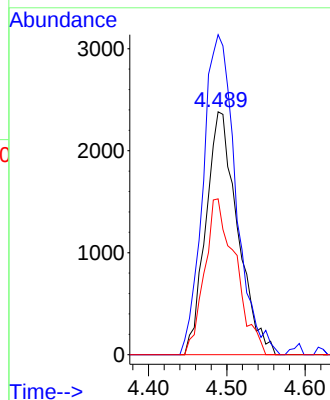
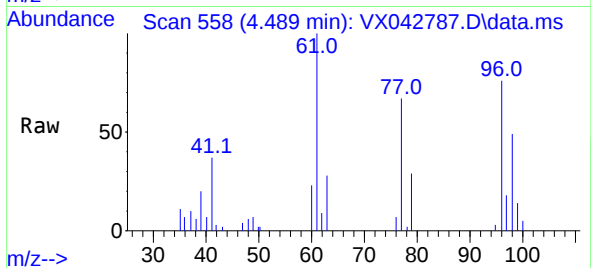




#27  
cis-1,2-Dichloroethene  
Concen: 4.914 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

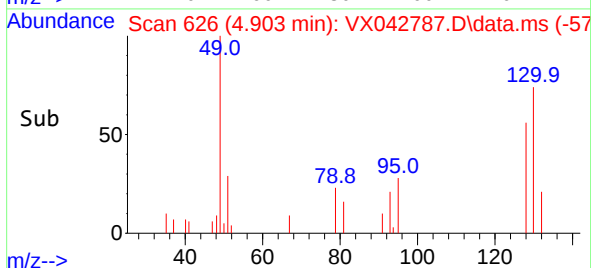
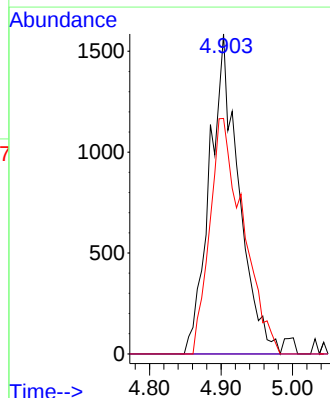
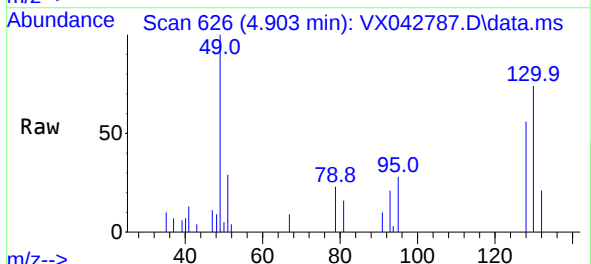
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

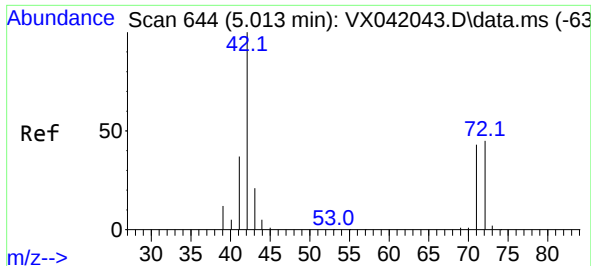
Tgt Ion: 96 Resp: 6731  
Ion Ratio Lower Upper  
96 100  
61 135.9 0.0 312.2  
98 62.7 0.0 129.0



#28  
Bromochloromethane  
Concen: 6.149 ug/l  
RT: 4.903 min Scan# 626  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 49 Resp: 4482  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 84.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 26.062 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

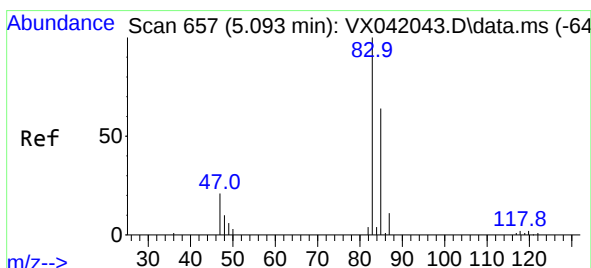
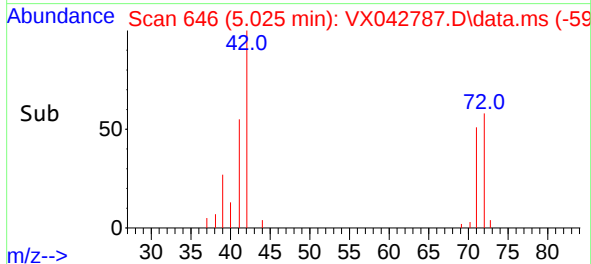
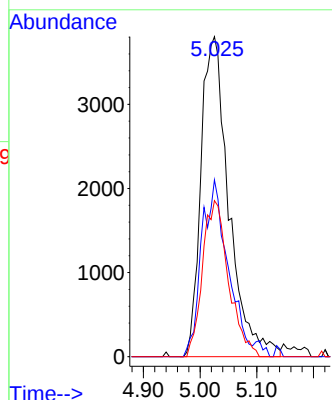
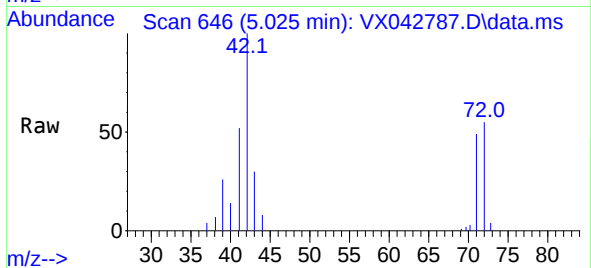
Tgt Ion: 42 Resp: 12984

Ion Ratio Lower Upper

42 100

72 52.1 34.2 51.4#

71 45.5 32.2 48.2



#30

Chloroform

Concen: 5.099 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.001 min

Lab File: VX042787.D

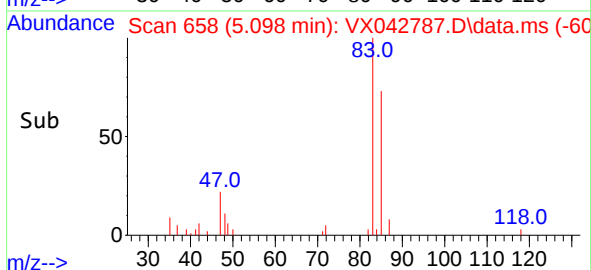
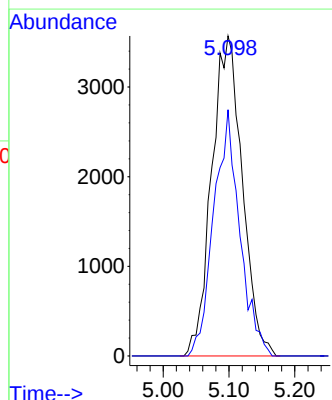
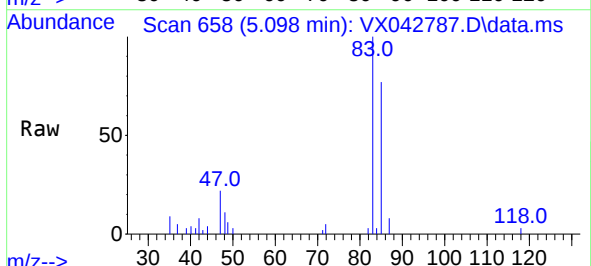
Acq: 01 Aug 2024 10:17

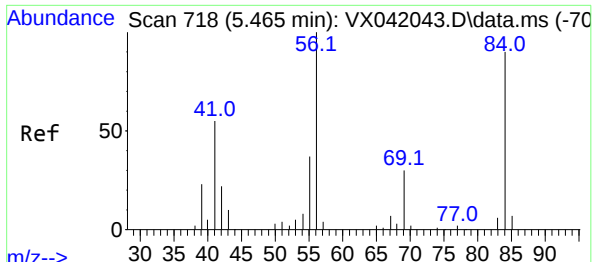
Tgt Ion: 83 Resp: 11529

Ion Ratio Lower Upper

83 100

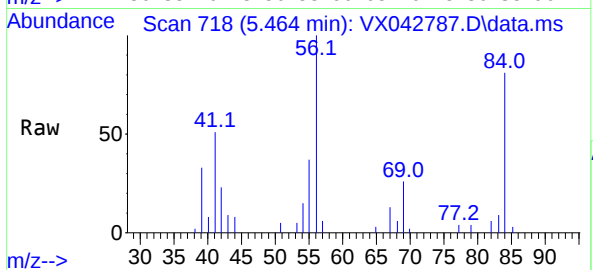
85 77.0 50.3 75.5#





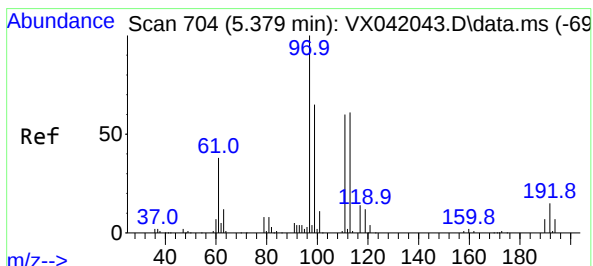
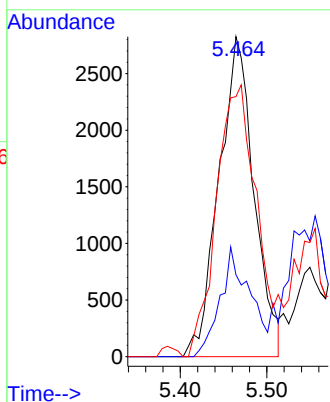
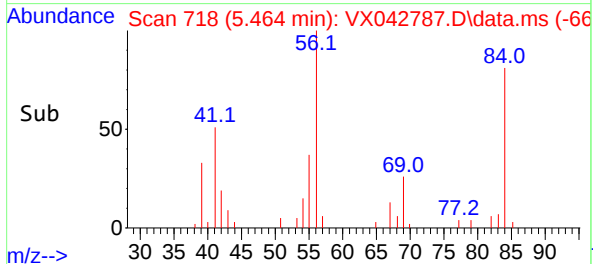
#31  
Cyclohexane  
Concen: 4.806 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

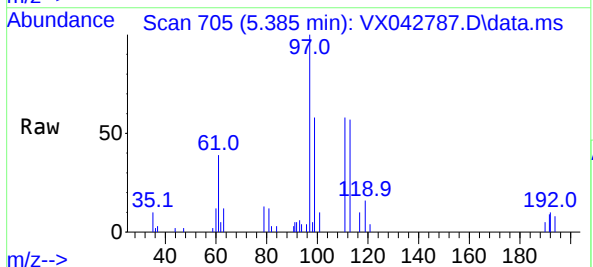


Tgt Ion: 56 Resp: 7938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 25.6  | 23.4  | 35.2  |
| 84  | 79.4  | 65.9  | 98.9  |

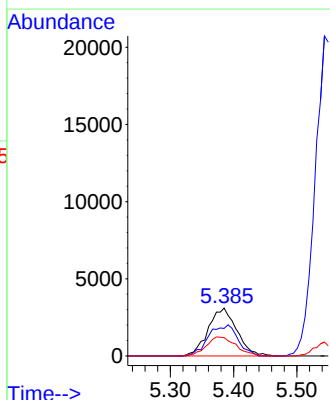
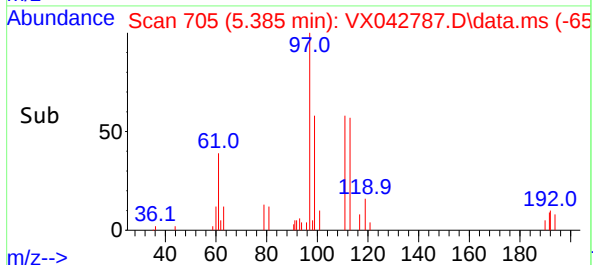


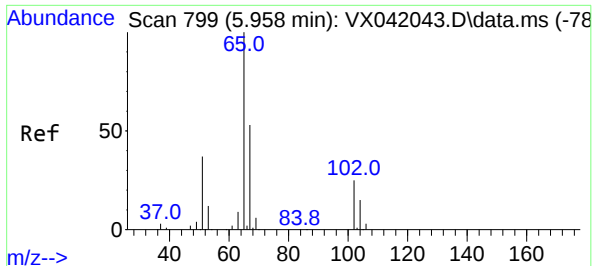
#32  
1,1,1-Trichloroethane  
Concen: 4.825 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17



Tgt Ion: 97 Resp: 9689

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 66.8  | 51.1  | 76.7  |
| 61  | 41.4  | 36.4  | 54.6  |

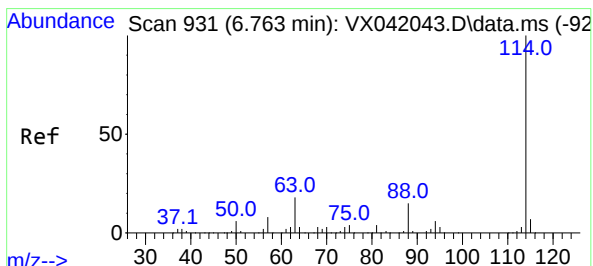
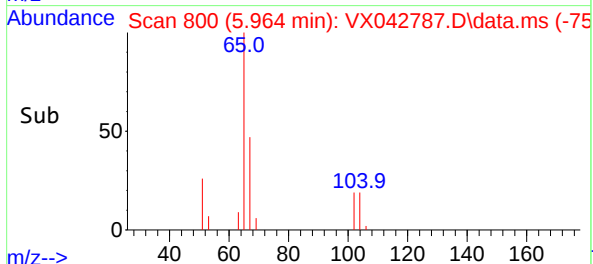
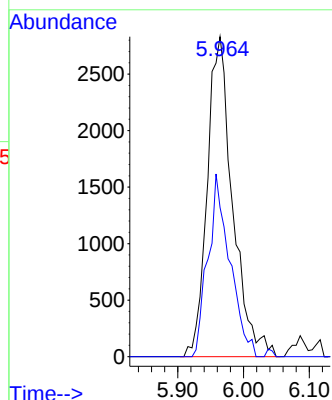
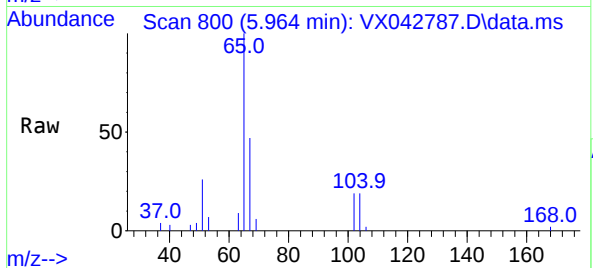




#33  
1,2-Dichloroethane-d4  
Concen: 5.073 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

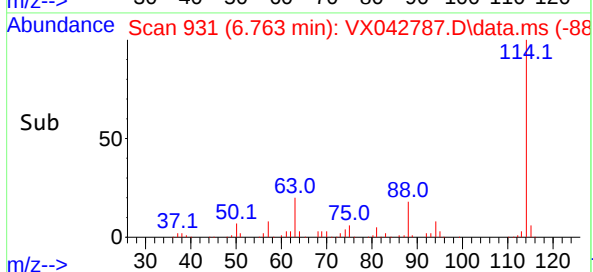
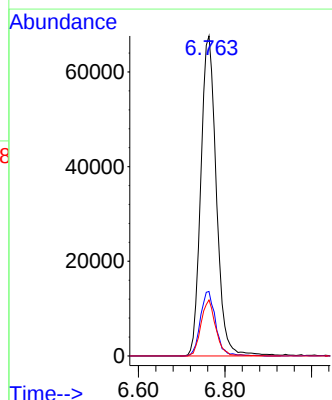
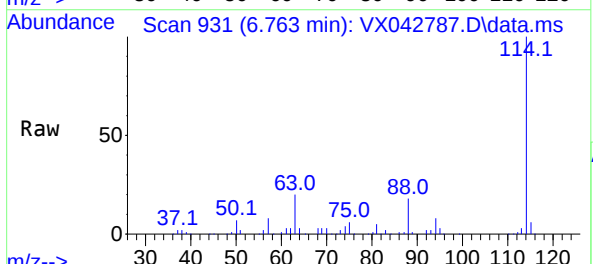
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

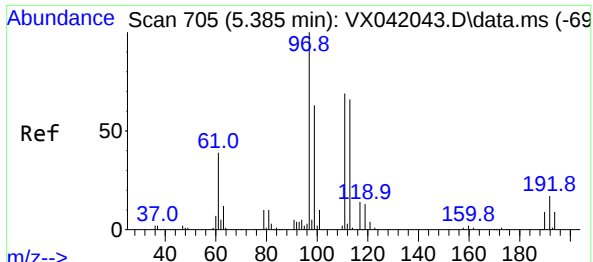
Tgt Ion: 65 Resp: 7605  
Ion Ratio Lower Upper  
65 100  
67 49.2 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:114 Resp: 168480  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 45.0  
88 17.5 0.0 36.6

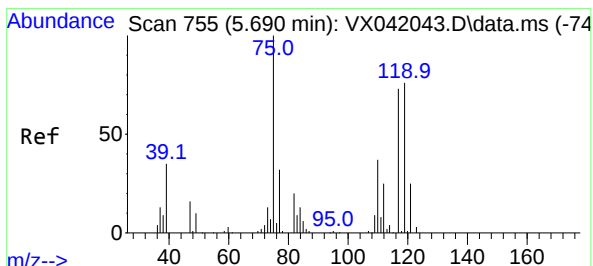
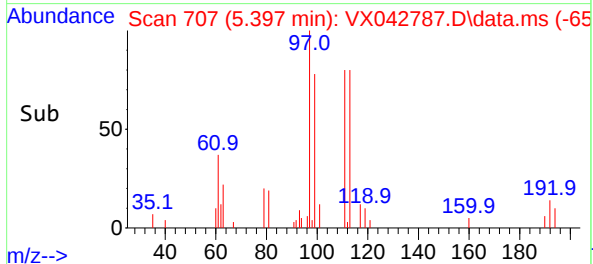
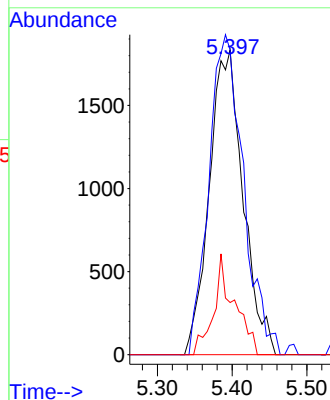
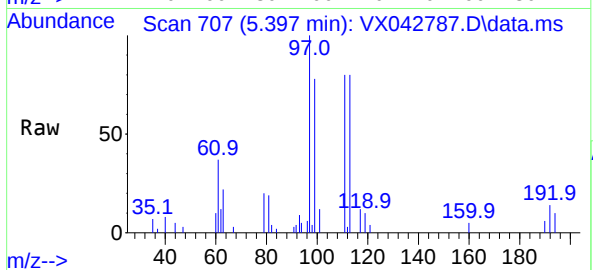




#35  
Dibromofluoromethane  
Concen: 4.935 ug/l  
RT: 5.397 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

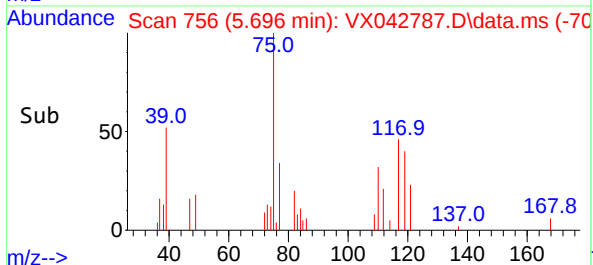
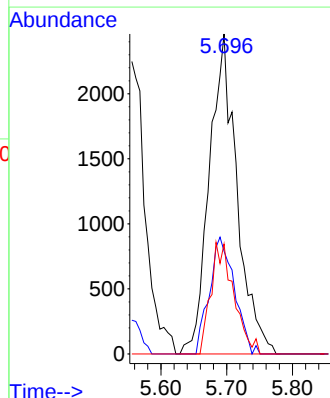
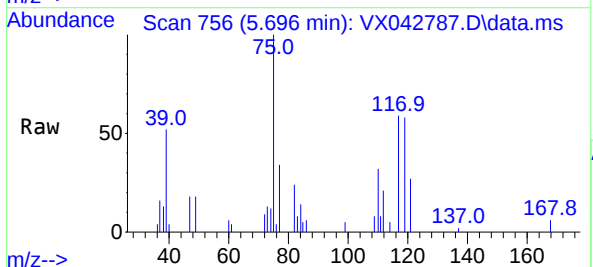
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

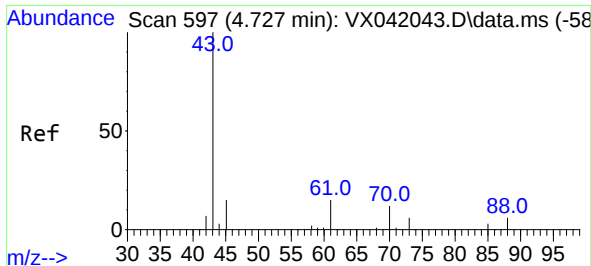
Tgt Ion:113 Resp: 5744  
Ion Ratio Lower Upper  
113 100  
111 107.5 82.9 124.3  
192 20.4 13.3 19.9#



#36  
1,1-Dichloropropene  
Concen: 4.766 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 75 Resp: 7194  
Ion Ratio Lower Upper  
75 100  
110 33.1 17.0 50.9  
77 29.1 24.7 37.1





#37

Ethyl Acetate

Concen: 4.354 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.006 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

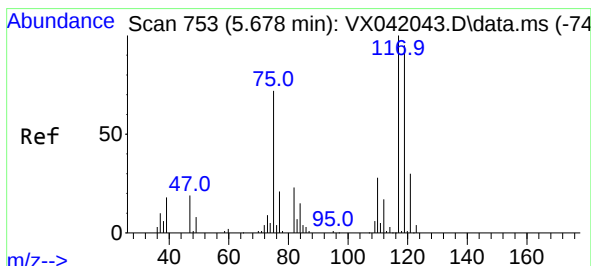
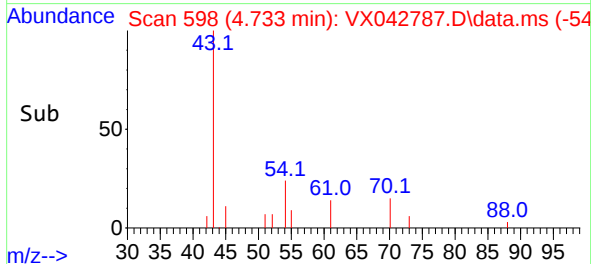
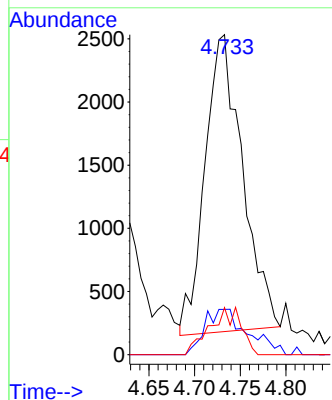
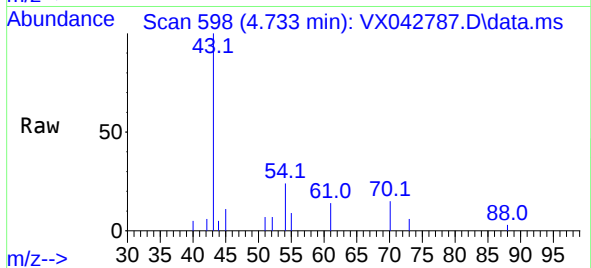
Tgt Ion: 43 Resp: 6709

Ion Ratio Lower Upper

43 100

61 17.5 10.6 16.0#

70 13.2 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 4.584 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

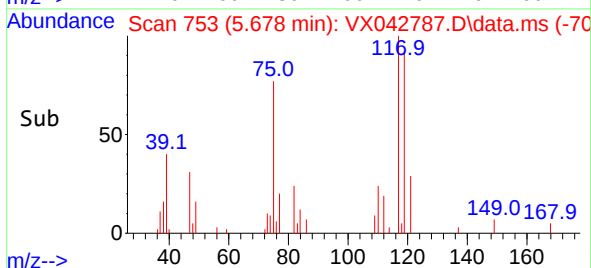
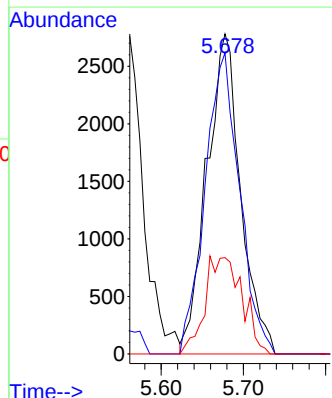
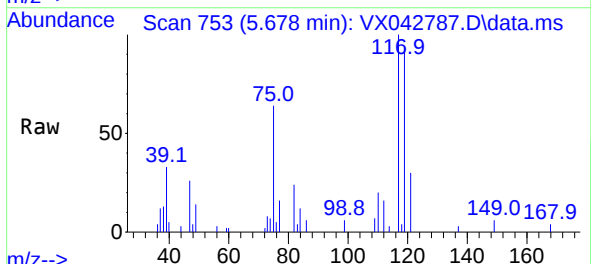
Tgt Ion: 117 Resp: 7973

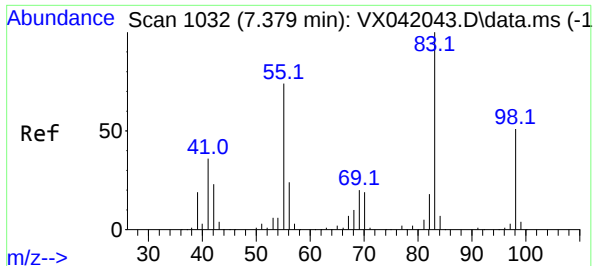
Ion Ratio Lower Upper

117 100

119 94.1 78.2 117.2

121 30.1 24.4 36.6

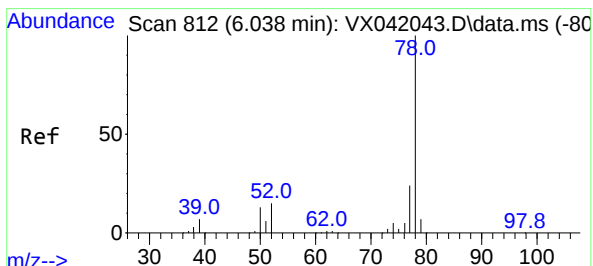
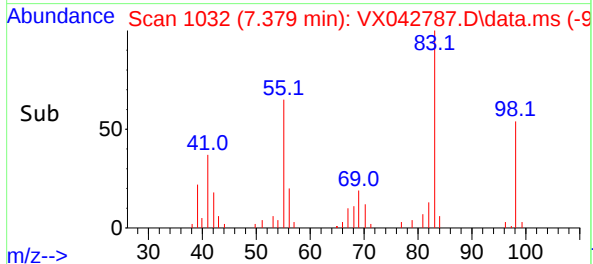
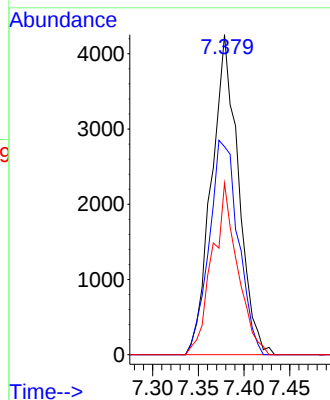
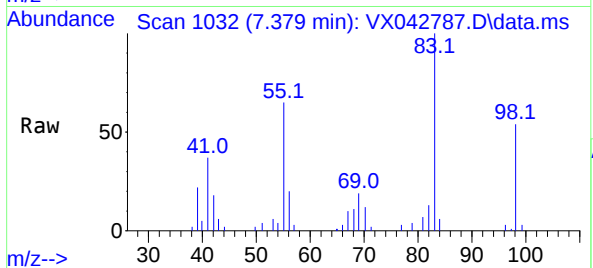




#39  
Methylcyclohexane  
Concen: 4.604 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

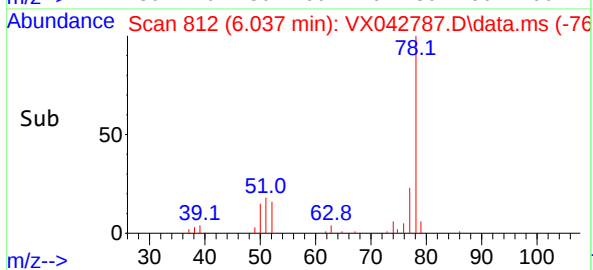
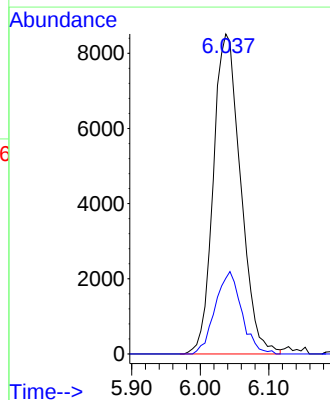
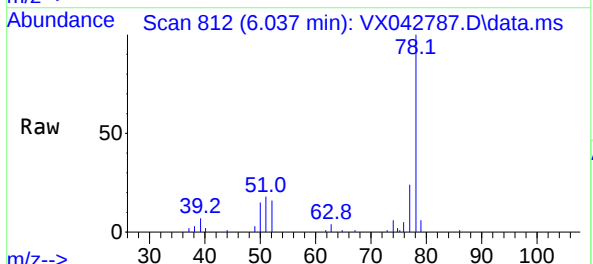
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

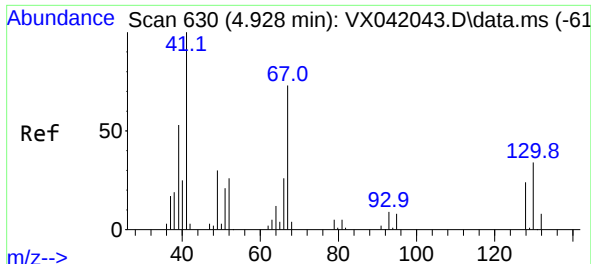
Tgt Ion: 83 Resp: 8708  
Ion Ratio Lower Upper  
83 100  
55 65.0 64.6 97.0  
98 53.6 36.7 55.1



#40  
Benzene  
Concen: 4.970 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 78 Resp: 23538  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.3 28.9



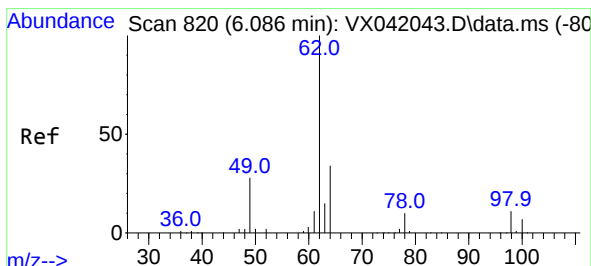
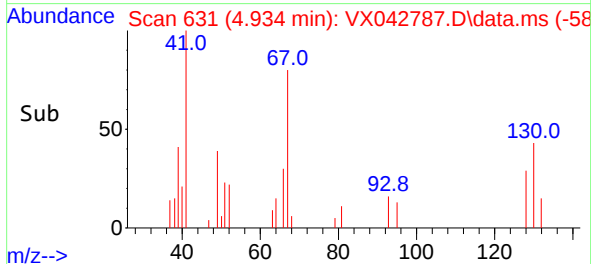
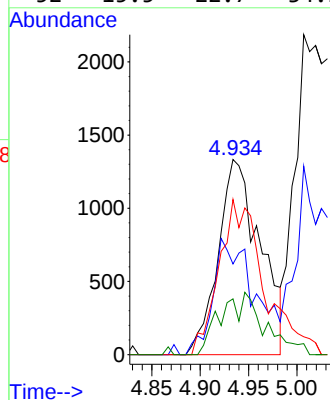
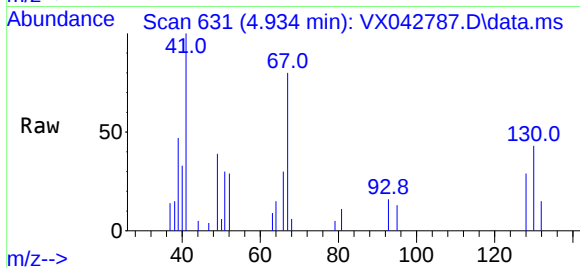


#41  
Methacrylonitrile  
Concen: 4.952 ug/l  
RT: 4.934 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Tgt Ion: 41 Resp: 4035

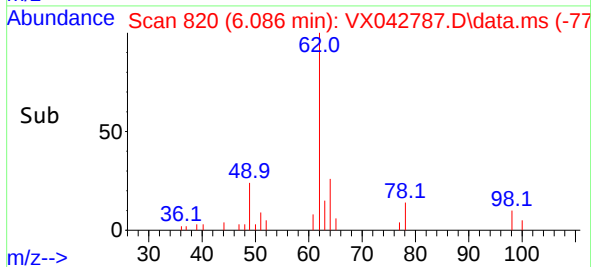
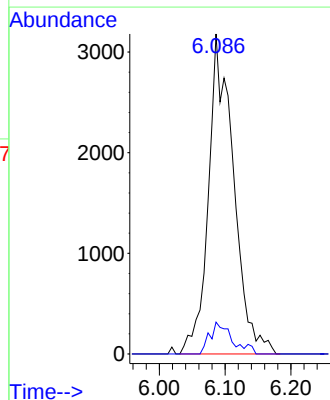
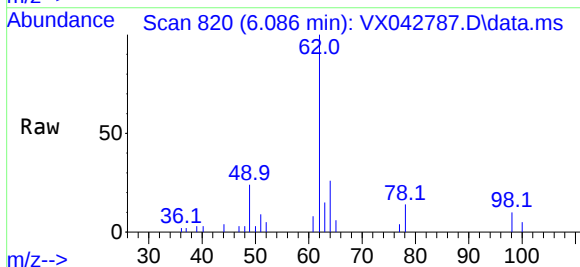
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.1  | 45.2  | 67.8  |
| 67  | 85.3  | 52.6  | 78.8# |
| 52  | 15.5  | 22.7  | 34.1# |

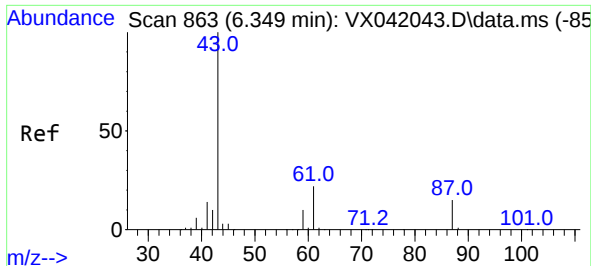


#42  
1,2-Dichloroethane  
Concen: 4.953 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 62 Resp: 8472

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.8   | 0.0   | 16.0  |

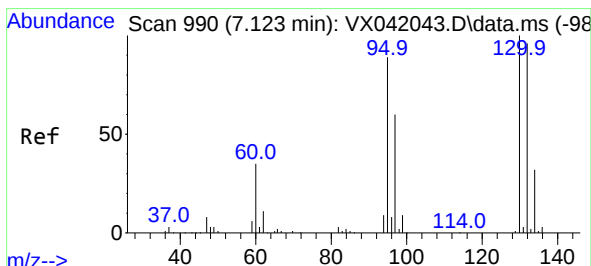
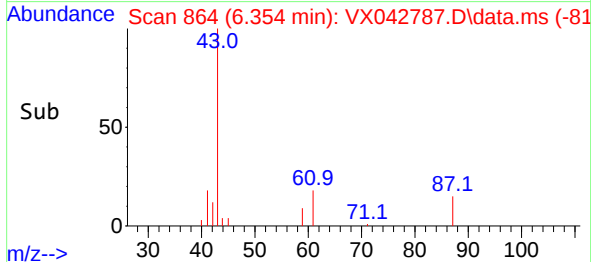
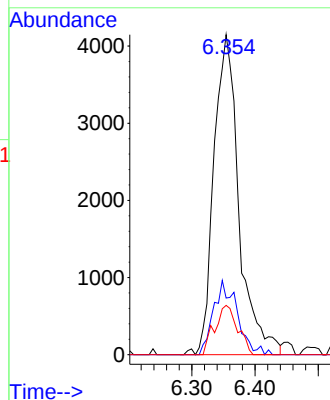
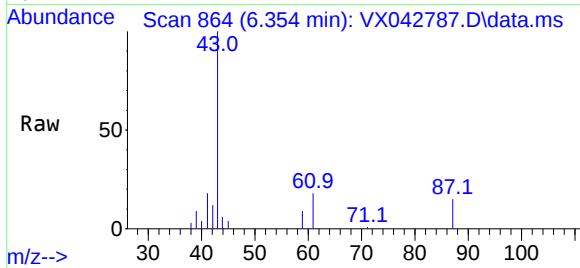




#43  
Isopropyl Acetate  
Concen: 4.737 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

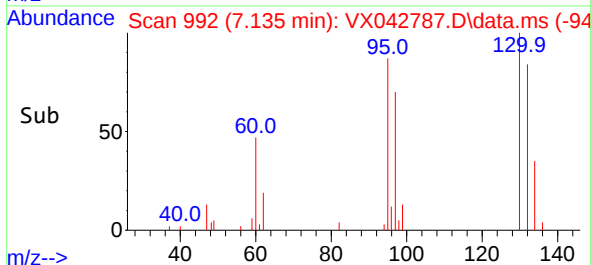
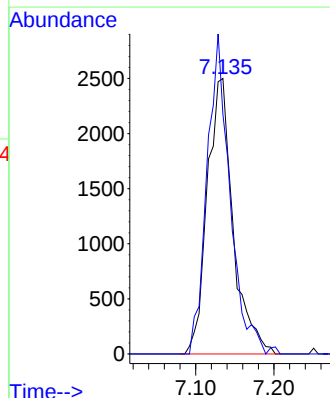
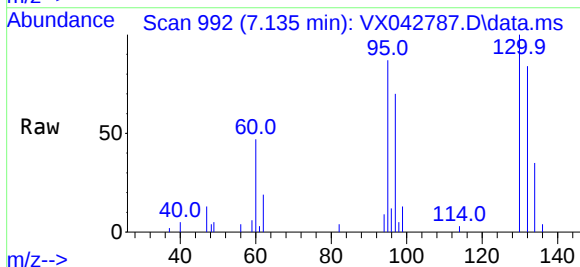
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

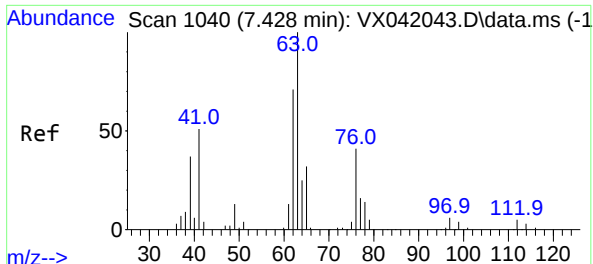
Tgt Ion: 43 Resp: 11415  
Ion Ratio Lower Upper  
43 100  
61 22.1 15.2 22.8  
87 14.1 9.8 14.6



#44  
Trichloroethene  
Concen: 4.612 ug/l  
RT: 7.135 min Scan# 992  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:130 Resp: 5718  
Ion Ratio Lower Upper  
130 100  
95 86.9 0.0 204.4

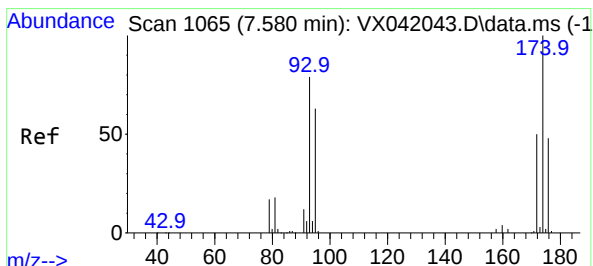
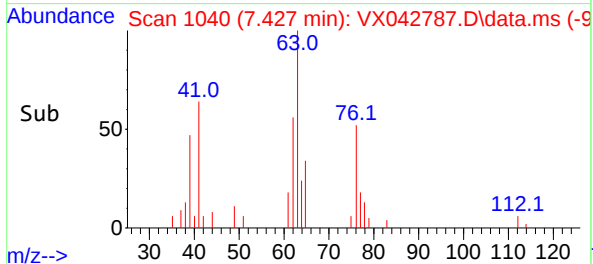
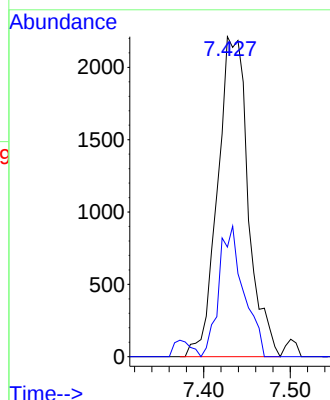
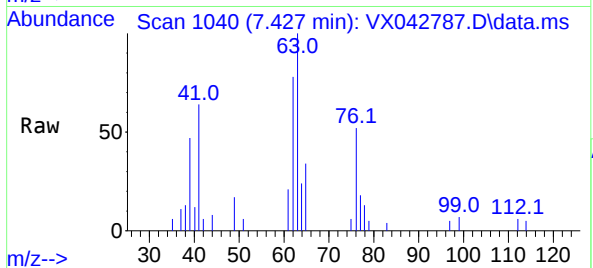




#45  
1,2-Dichloropropane  
Concen: 5.119 ug/l  
RT: 7.427 min Scan# 1040  
Delta R.T. -0.007 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

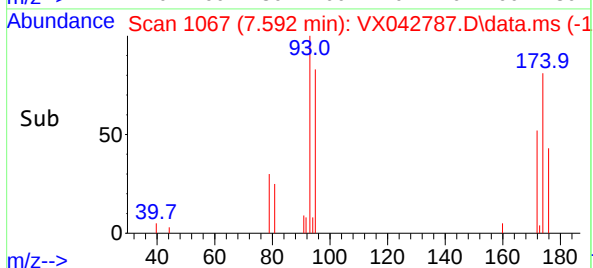
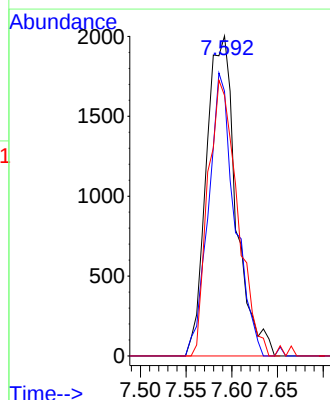
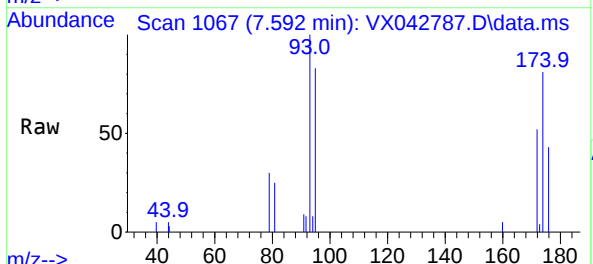
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

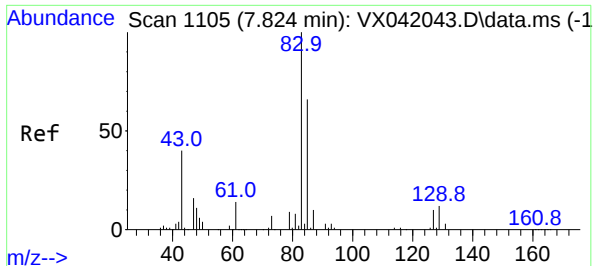
Tgt Ion: 63 Resp: 5436  
Ion Ratio Lower Upper  
63 100  
65 34.3 24.3 36.5



#46  
Dibromomethane  
Concen: 5.000 ug/l  
RT: 7.592 min Scan# 1067  
Delta R.T. 0.012 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 93 Resp: 4522  
Ion Ratio Lower Upper  
93 100  
95 78.8 66.6 100.0  
174 85.4 69.4 104.0

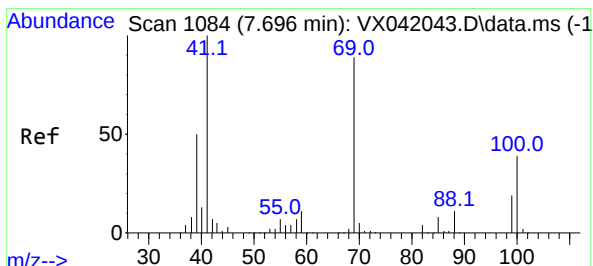
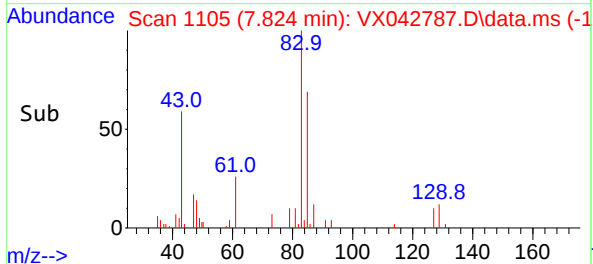
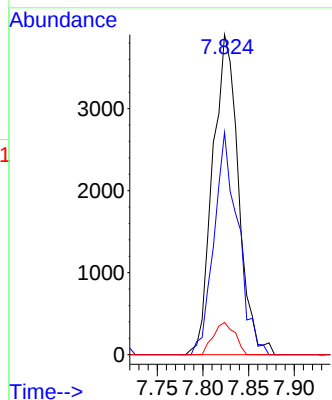
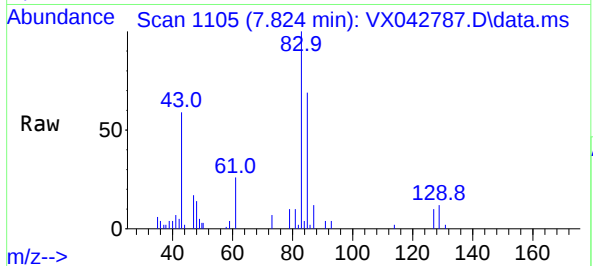




#47  
Bromodichloromethane  
Concen: 4.627 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

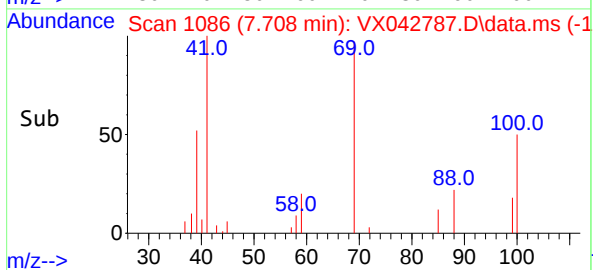
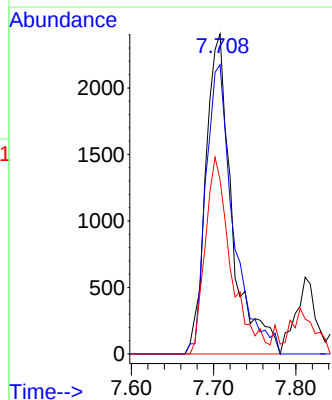
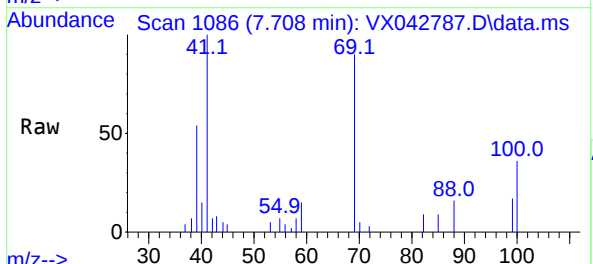
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

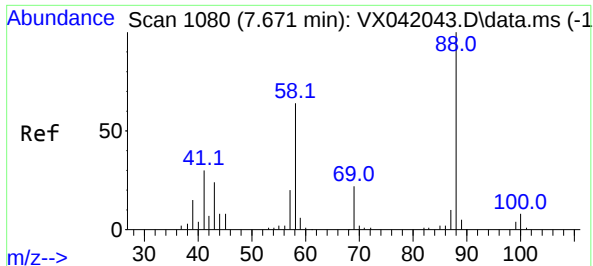
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7631  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 69.5  | 49.8  | 74.6  |
| 127      | 10.0  | 7.1   | 10.7  |



#48  
Methyl methacrylate  
Concen: 4.499 ug/l  
RT: 7.708 min Scan# 1086  
Delta R.T. 0.012 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 5331  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 95.0  | 59.2  | 88.8  |
| 39       | 60.7  | 47.7  | 71.5  |





#49

1,4-Dioxane

Concen: 105.470 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.012 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

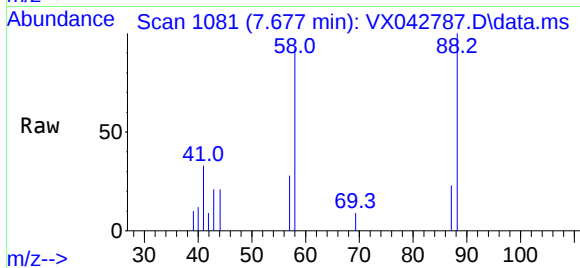
Tgt Ion: 88 Resp: 2291

Ion Ratio Lower Upper

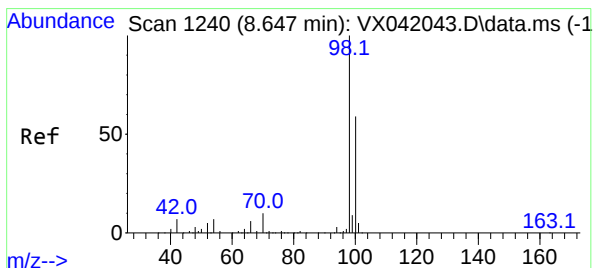
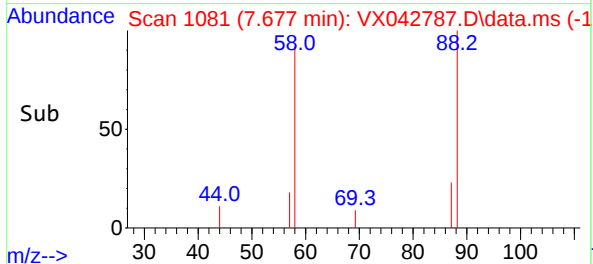
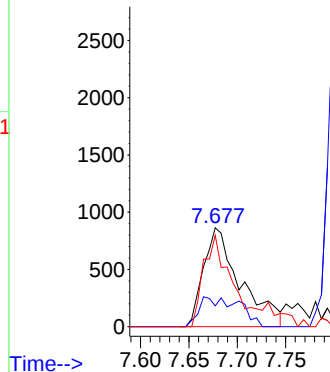
88 100

43 20.3 0.0 0.0#

58 70.0 60.1 90.1



Abundance



#50

Toluene-d8

Concen: 4.809 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX042787.D

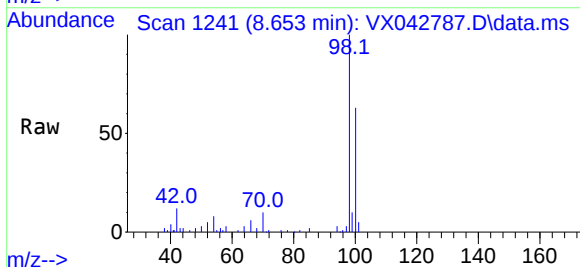
Acq: 01 Aug 2024 10:17

Tgt Ion: 98 Resp: 20314

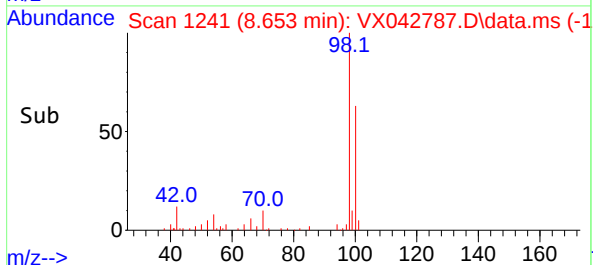
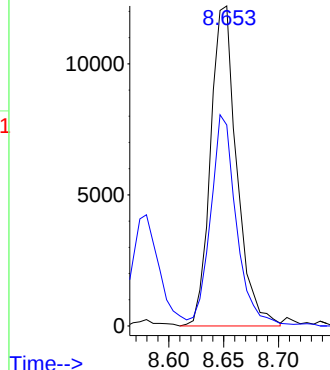
Ion Ratio Lower Upper

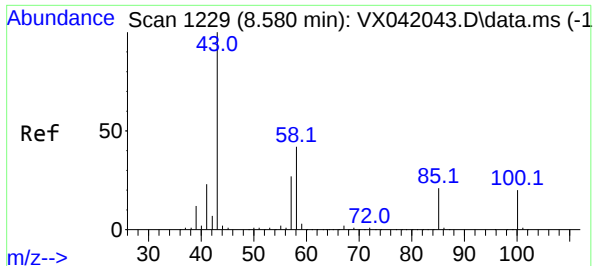
98 100

100 63.7 53.1 79.7



Abundance

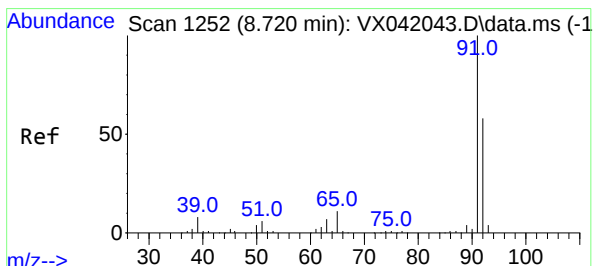
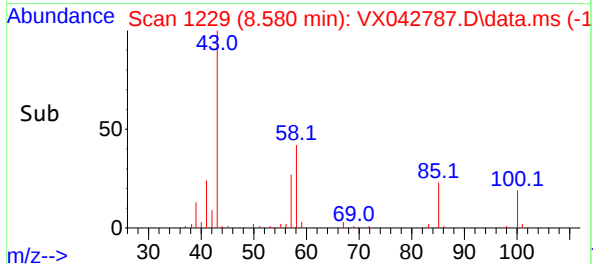
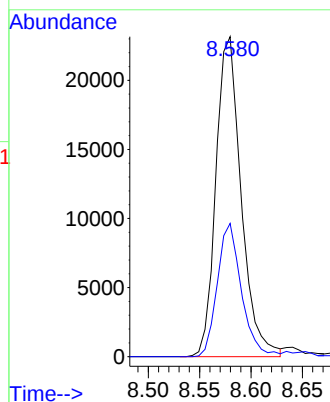
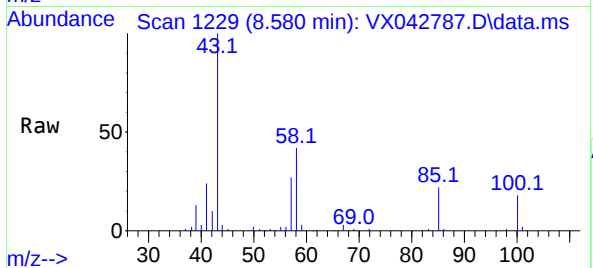




#51  
4-Methyl-2-Pentanone  
Concen: 24.752 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

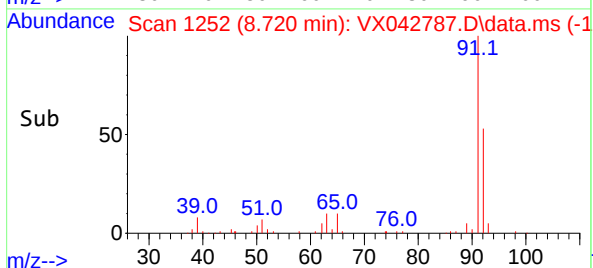
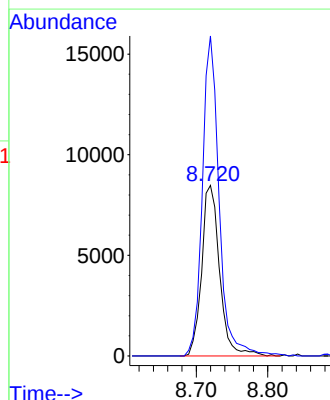
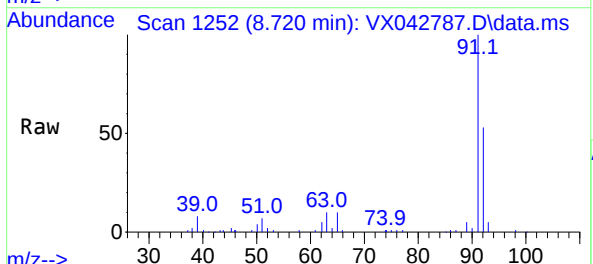
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

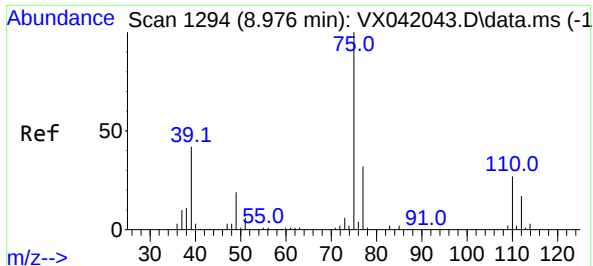
Tgt Ion: 43 Resp: 39506  
Ion Ratio Lower Upper  
43 100  
58 39.7 30.4 45.6



#52  
Toluene  
Concen: 4.804 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 92 Resp: 14762  
Ion Ratio Lower Upper  
92 100  
91 175.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 4.203 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

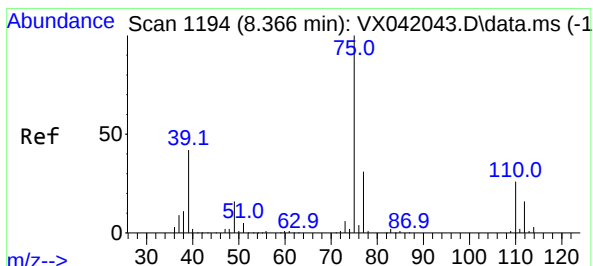
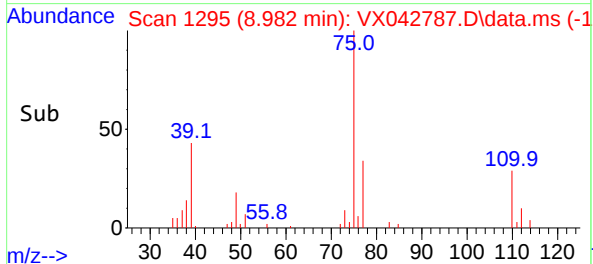
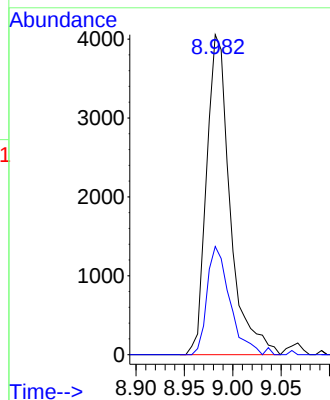
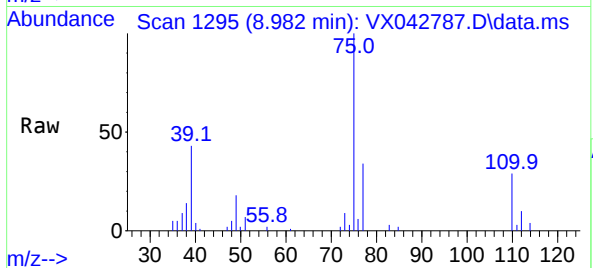
VSTDIC005

Tgt Ion: 75 Resp: 6867

Ion Ratio Lower Upper

75 100

77 33.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 4.538 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

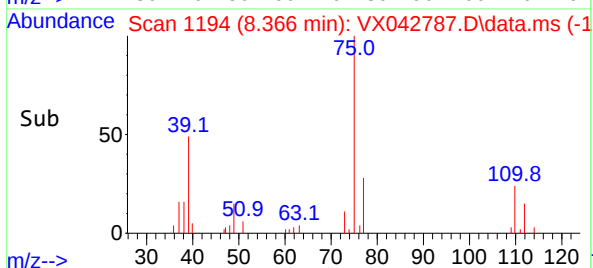
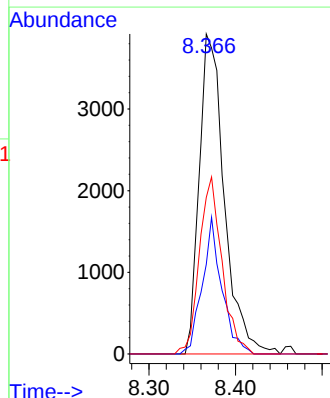
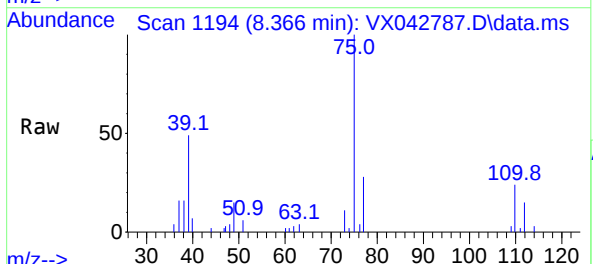
Tgt Ion: 75 Resp: 7877

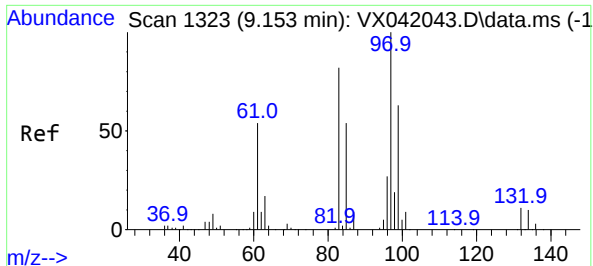
Ion Ratio Lower Upper

75 100

77 28.0 25.3 37.9

39 48.9 46.7 70.1



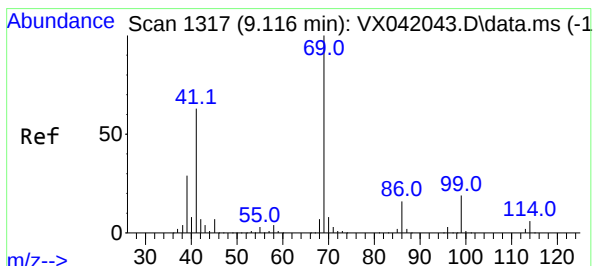
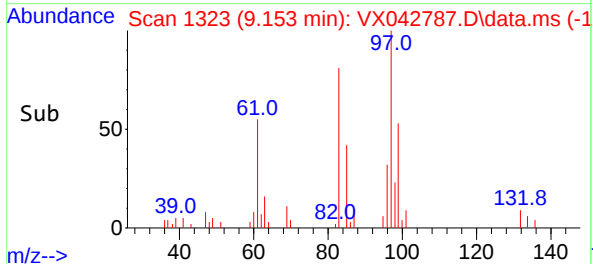
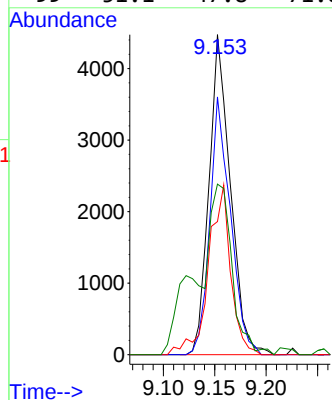
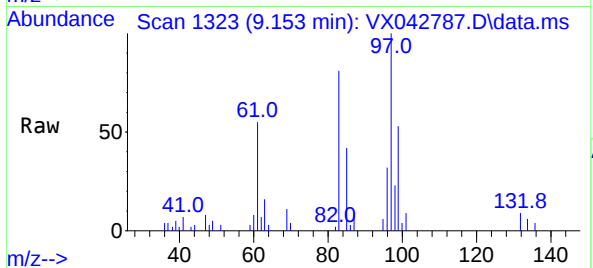


#55  
1,1,2-Trichloroethane  
Concen: 5.212 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Tgt Ion: 97 Resp: 6478

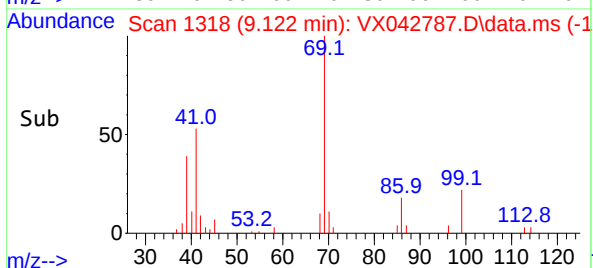
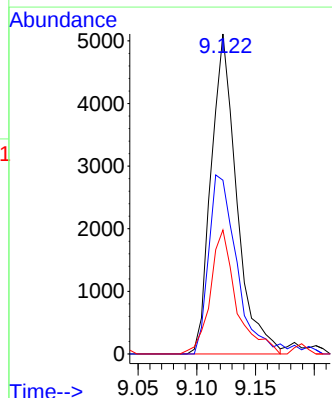
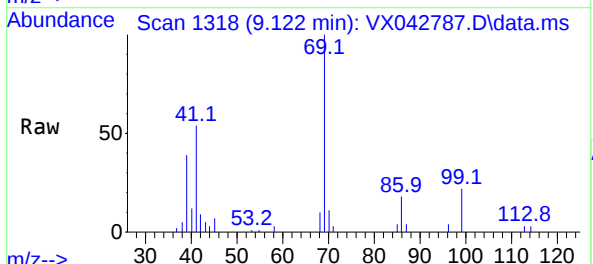
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.6  | 65.8  | 98.8  |
| 85  | 41.6  | 41.6  | 62.4  |
| 99  | 51.1  | 47.8  | 71.8  |

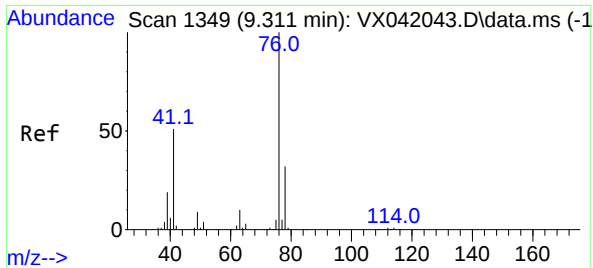


#56  
Ethyl methacrylate  
Concen: 4.304 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 69 Resp: 7747

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 63.6  | 56.8  | 85.2  |
| 39  | 39.3  | 32.0  | 48.0  |

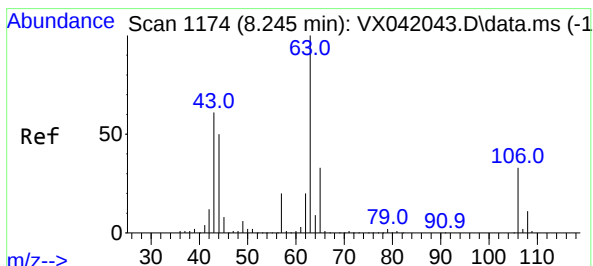
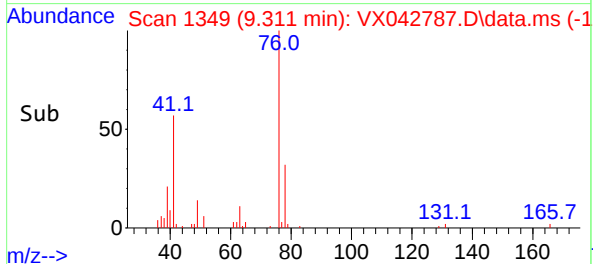
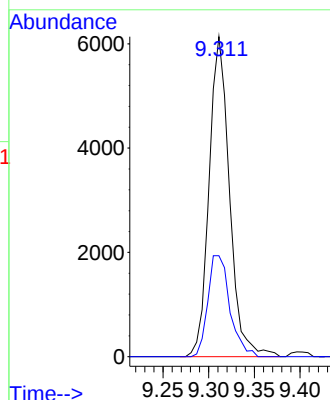
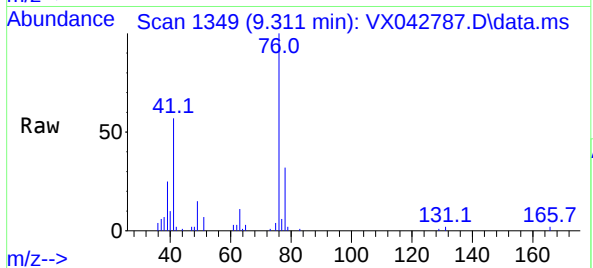




#57  
1,3-Dichloropropane  
Concen: 4.857 ug/l  
RT: 9.311 min Scan# 1149  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

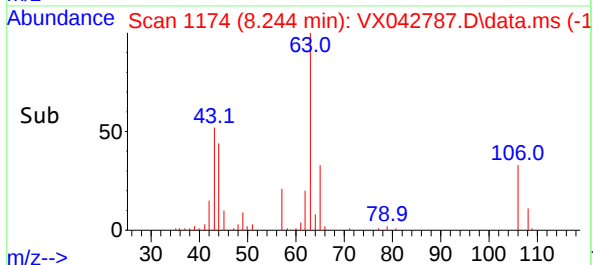
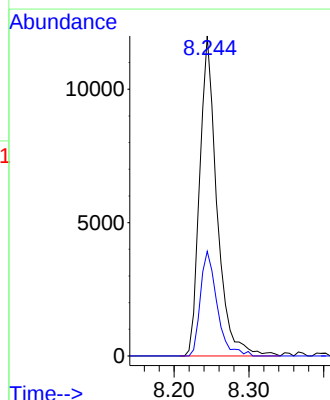
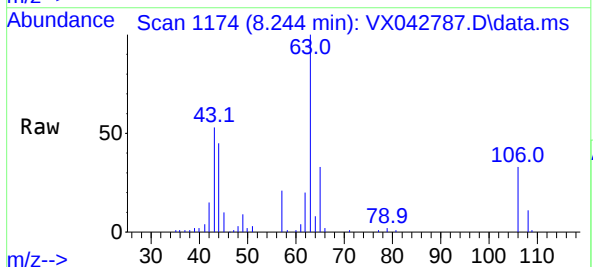
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

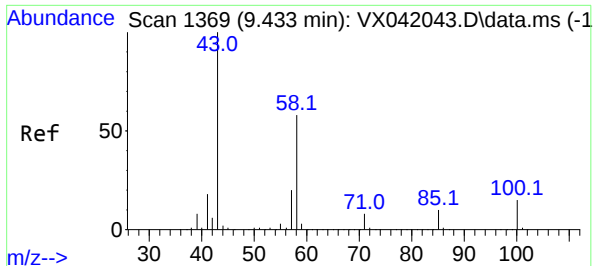
Tgt Ion: 76 Resp: 9526  
Ion Ratio Lower Upper  
76 100  
78 34.1 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 23.214 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 63 Resp: 19244  
Ion Ratio Lower Upper  
63 100  
106 31.5 22.5 33.7

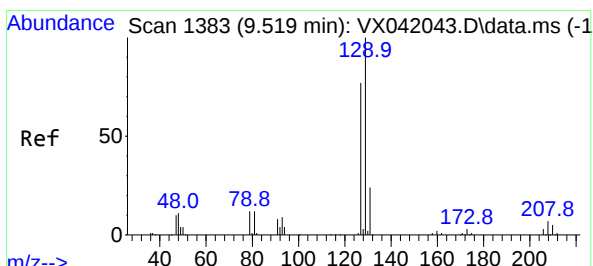
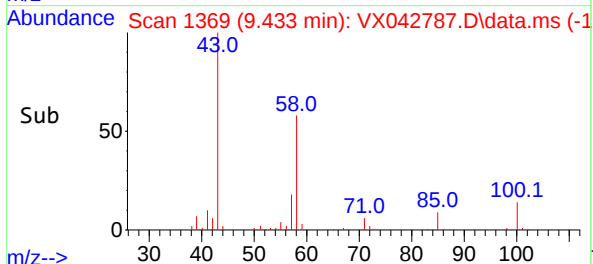
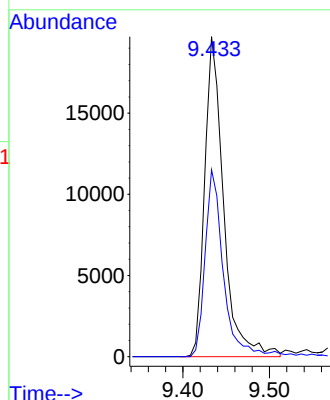
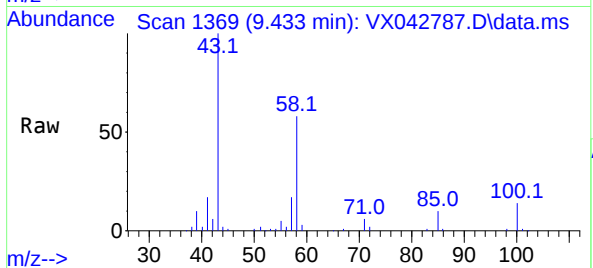




#59  
2-Hexanone  
Concen: 24.147 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

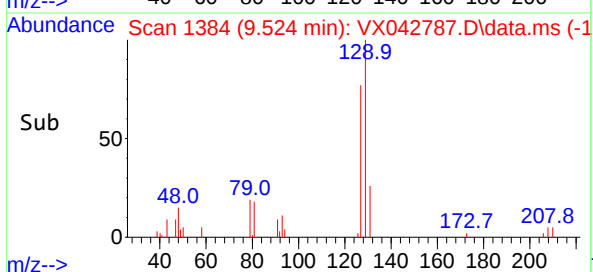
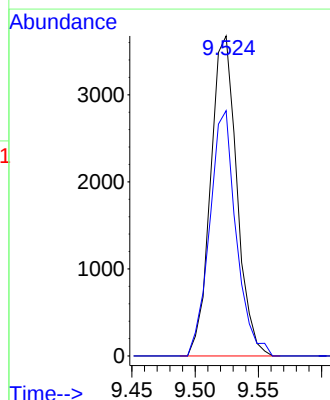
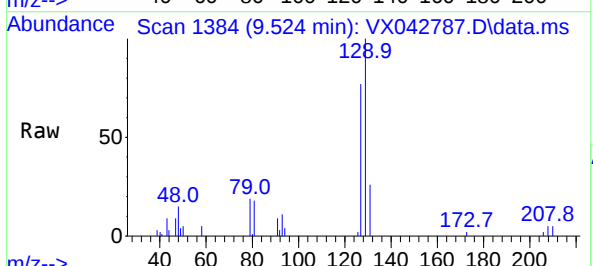
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

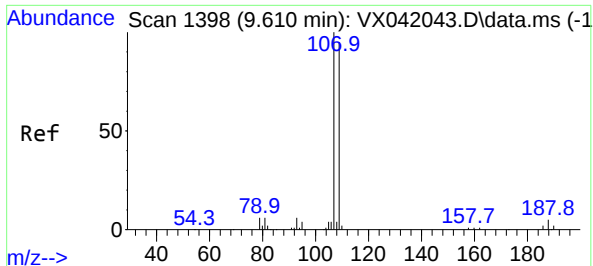
Tgt Ion: 43 Resp: 29888  
Ion Ratio Lower Upper  
43 100  
58 56.7 26.2 78.5



#60  
Dibromochloromethane  
Concen: 4.205 ug/l  
RT: 9.524 min Scan# 1384  
Delta R.T. -0.001 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 129 Resp: 5293  
Ion Ratio Lower Upper  
129 100  
127 77.6 38.8 116.4

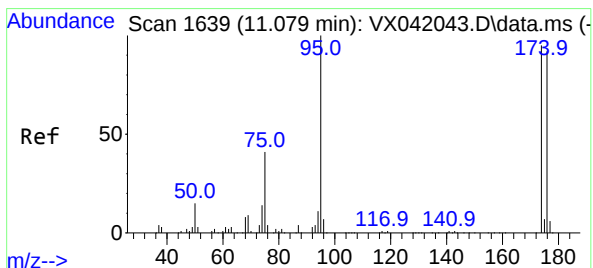
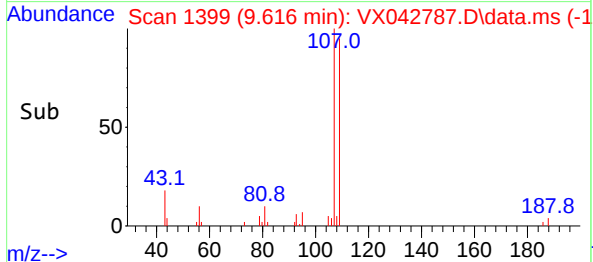
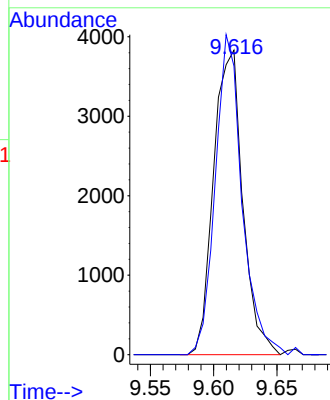
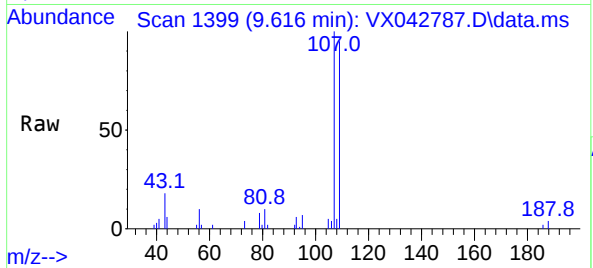




#61  
1,2-Dibromoethane  
Concen: 4.977 ug/l  
RT: 9.616 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

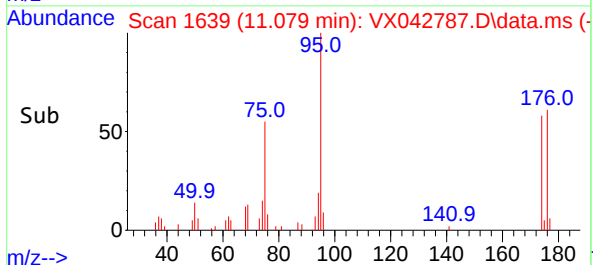
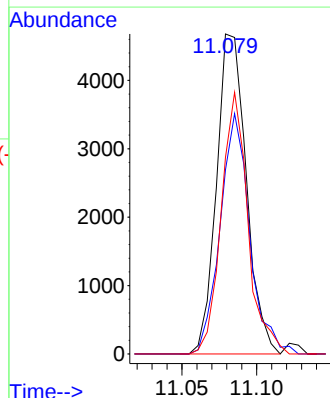
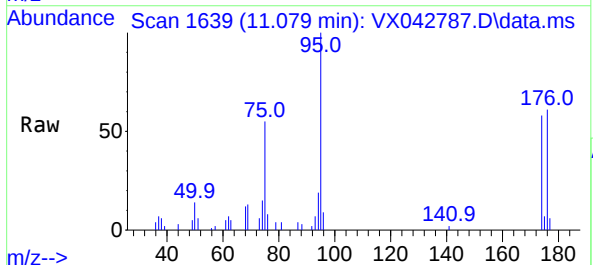
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

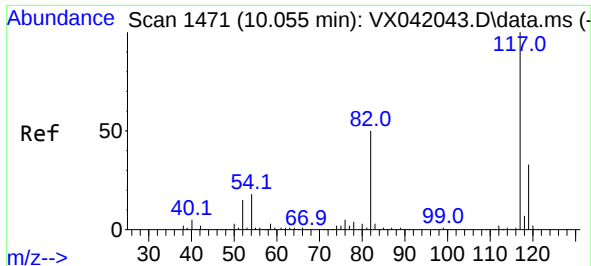
Tgt Ion:107 Resp: 6137  
Ion Ratio Lower Upper  
107 100  
109 97.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 4.198 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

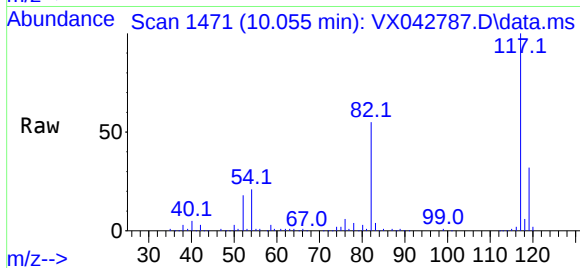
Tgt Ion: 95 Resp: 6481  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 135.6  
176 73.3 0.0 131.0



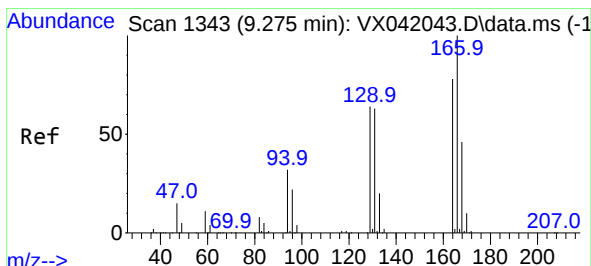
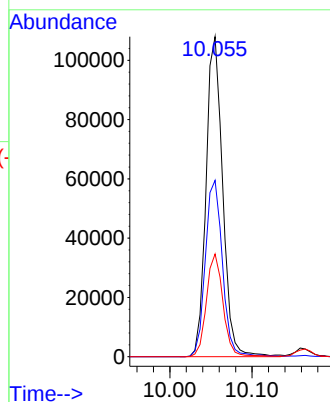
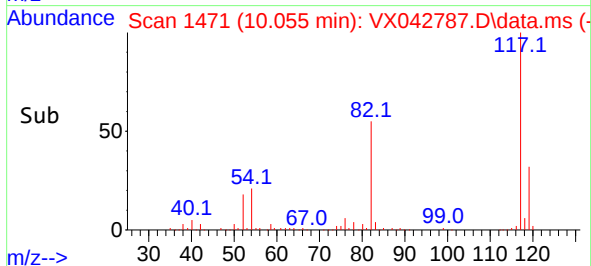


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

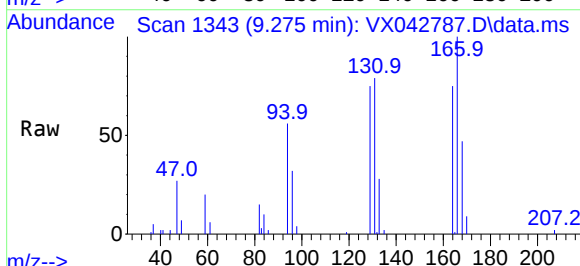
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005



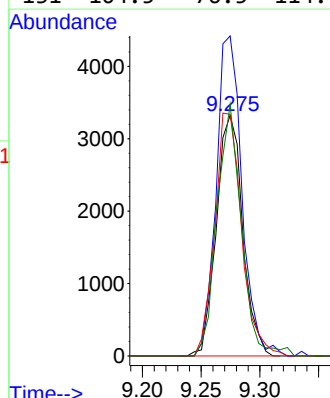
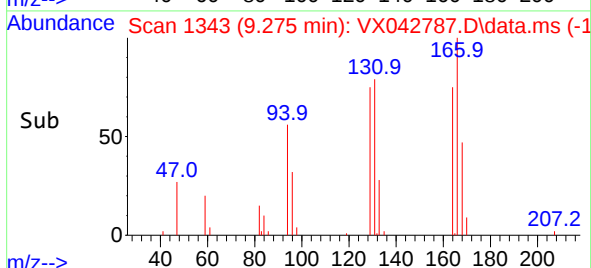
Tgt Ion:117 Resp: 151589  
Ion Ratio Lower Upper  
117 100  
82 55.1 46.2 69.4  
119 32.1 25.5 38.3

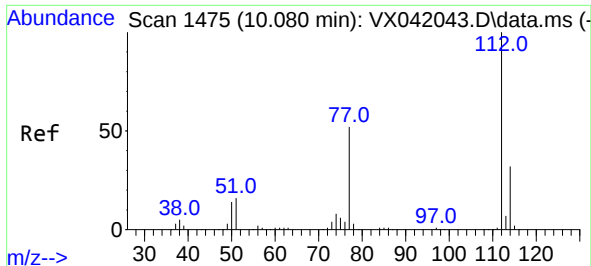


#64  
Tetrachloroethene  
Concen: 5.033 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17



Tgt Ion:164 Resp: 5169  
Ion Ratio Lower Upper  
164 100  
166 133.1 102.7 154.1  
129 100.5 80.4 120.6  
131 104.5 76.5 114.7

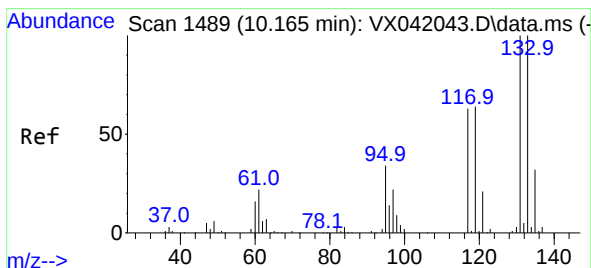
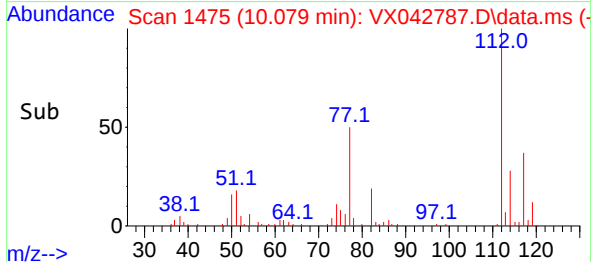
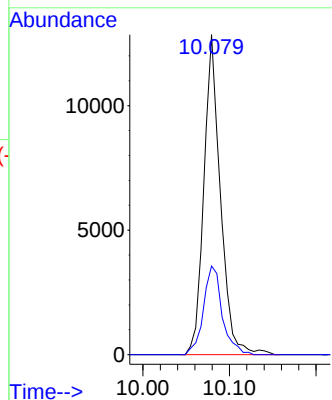
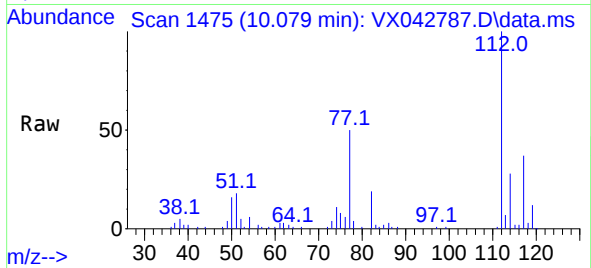




#65  
Chlorobenzene  
Concen: 5.104 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

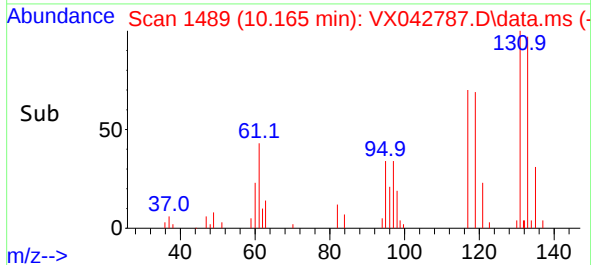
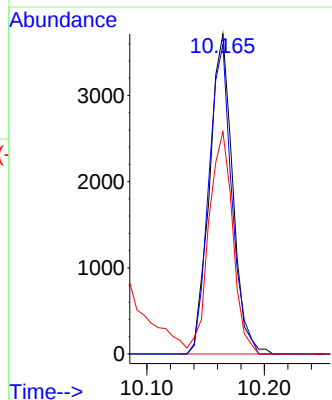
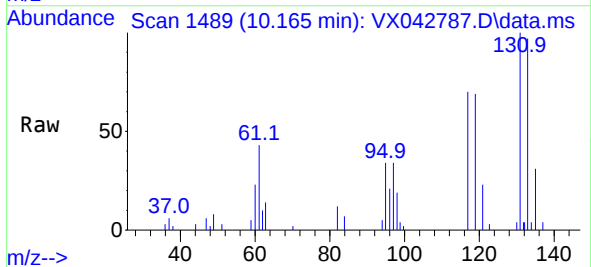
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

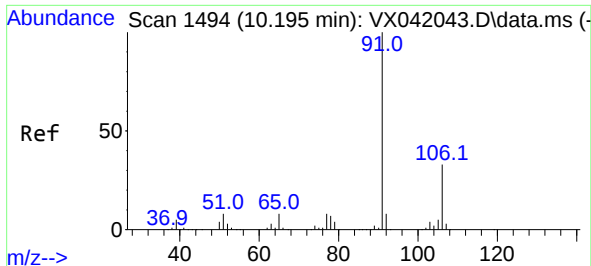
Tgt Ion:112 Resp: 17084  
Ion Ratio Lower Upper  
112 100  
114 27.7 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.547 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:131 Resp: 5085  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.1 141.4  
119 71.3 32.2 96.6





#67

Ethyl Benzene

Concen: 4.763 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

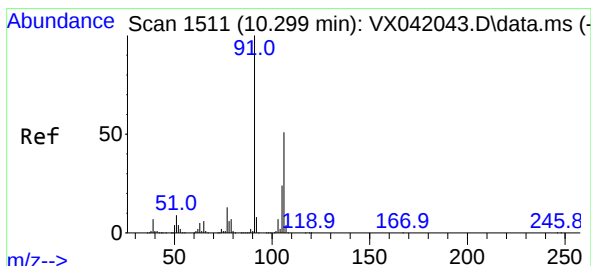
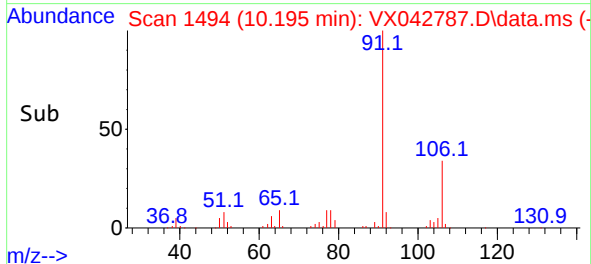
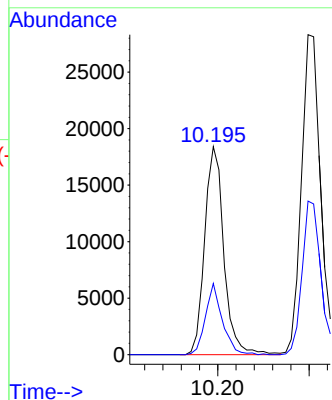
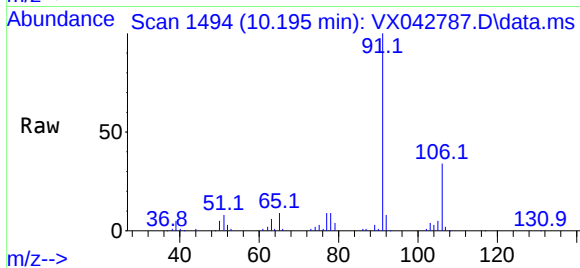
VSTDICC005

Tgt Ion: 91 Resp: 26805

Ion Ratio Lower Upper

91 100

106 34.3 24.9 37.3



#68

m/p-Xylenes

Concen: 9.143 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX042787.D

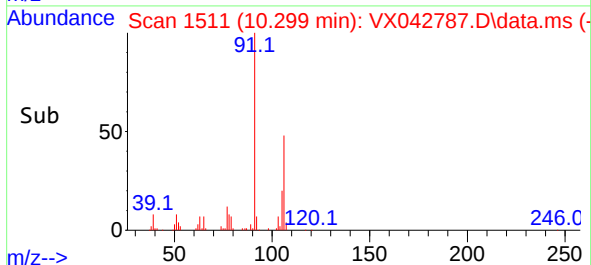
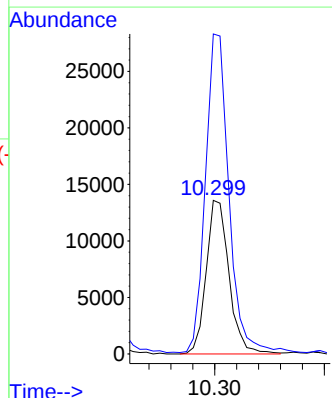
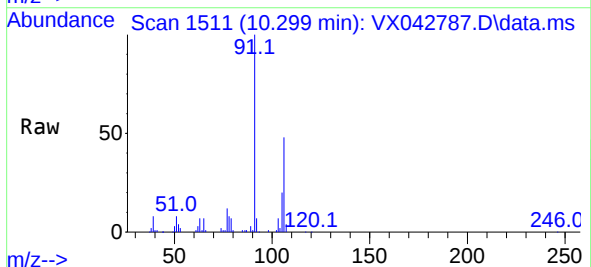
Acq: 01 Aug 2024 10:17

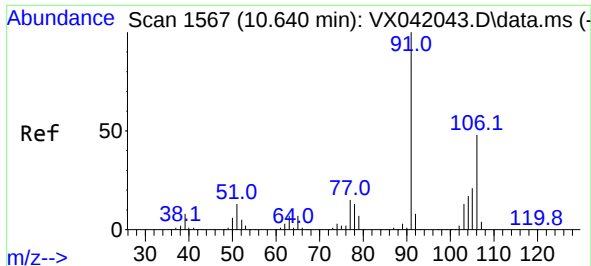
Tgt Ion: 106 Resp: 19657

Ion Ratio Lower Upper

106 100

91 212.9 165.5 248.3

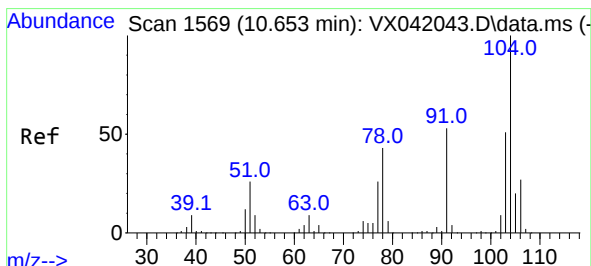
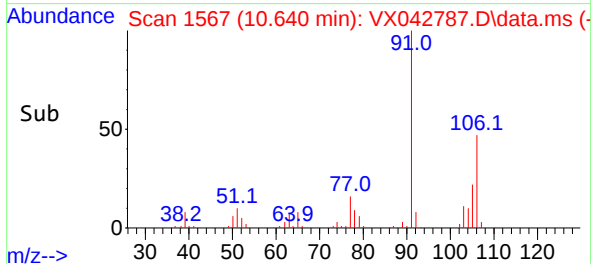
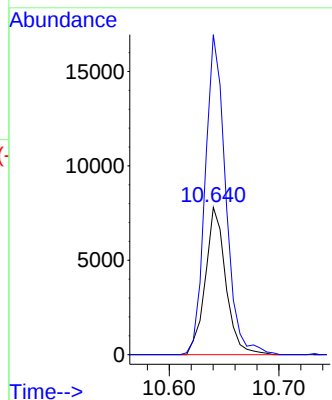
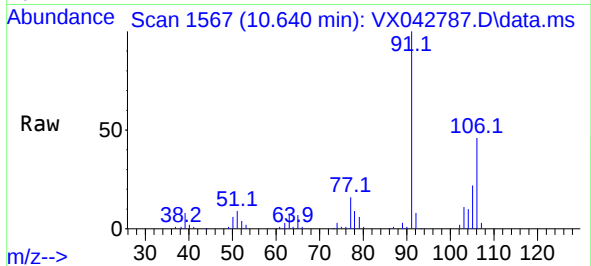




#69  
o-Xylene  
Concen: 4.760 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

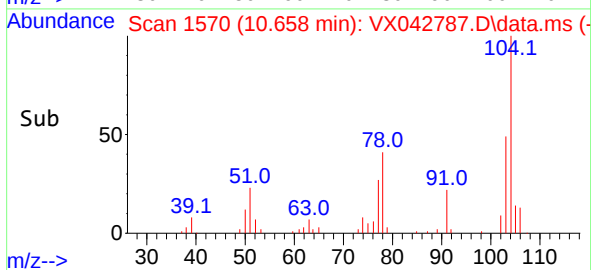
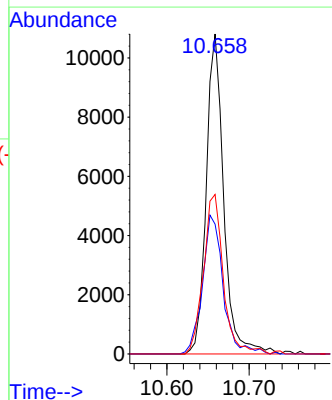
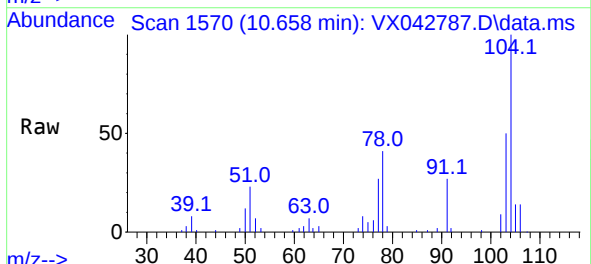
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

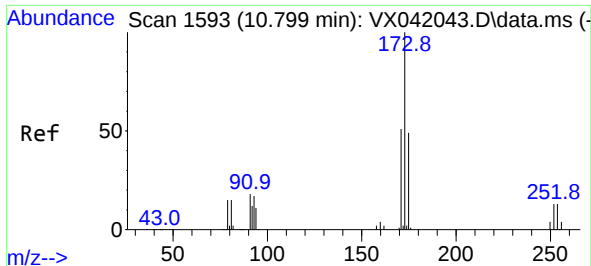
Tgt Ion:106 Resp: 10119  
Ion Ratio Lower Upper  
106 100  
91 217.4 108.9 326.8



#70  
Styrene  
Concen: 4.438 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.001 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:104 Resp: 15942  
Ion Ratio Lower Upper  
104 100  
78 51.6 43.6 65.4  
103 57.0 43.6 65.4

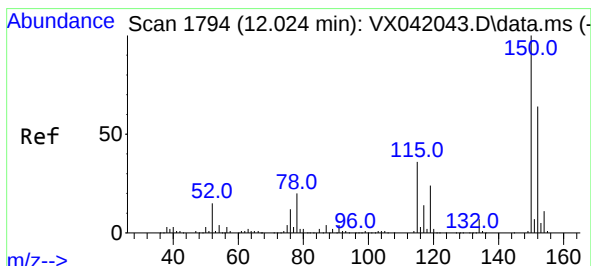
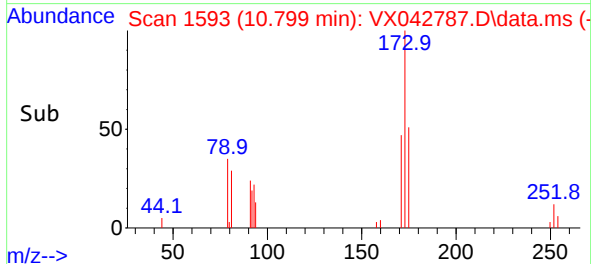
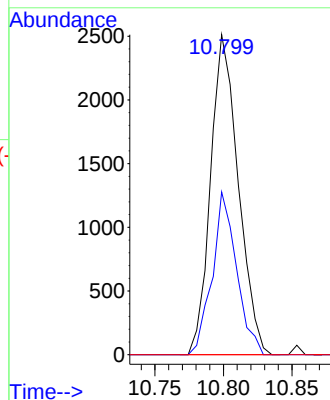
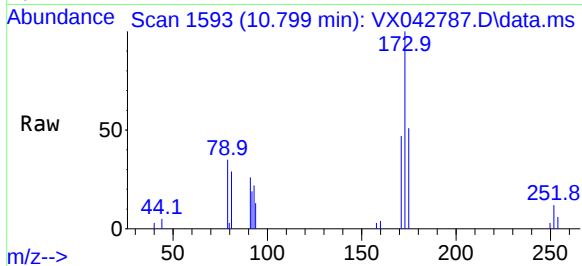




#71  
Bromoform  
Concen: 4.224 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

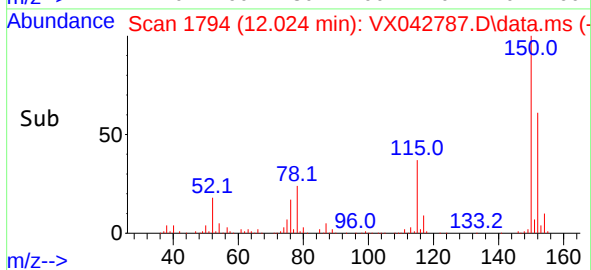
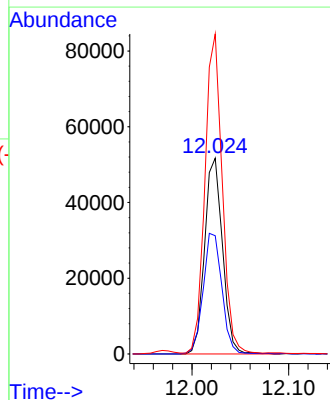
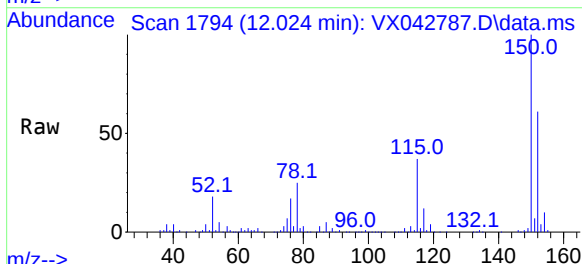
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

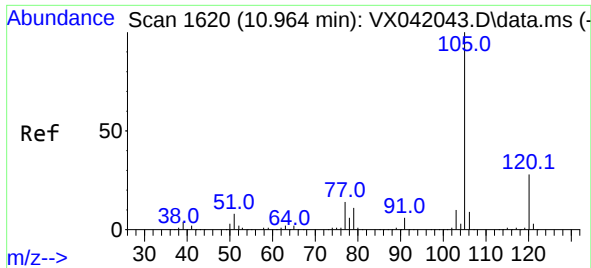
Tgt Ion:173 Resp: 3529  
Ion Ratio Lower Upper  
173 100  
175 44.6 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:152 Resp: 66606  
Ion Ratio Lower Upper  
152 100  
115 64.7 43.3 129.9  
150 156.5 0.0 345.0

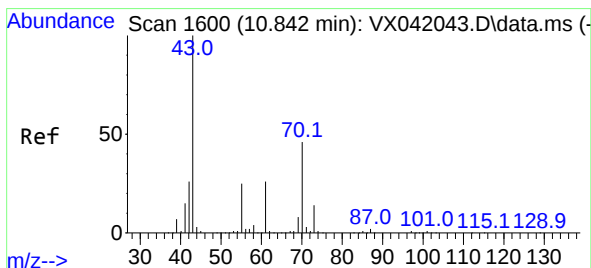
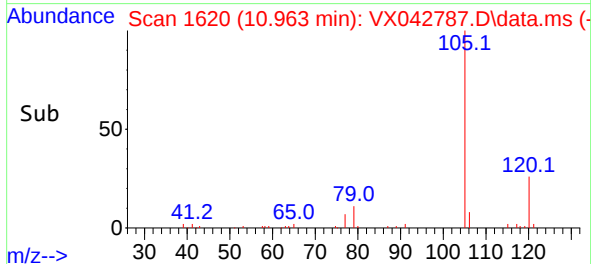
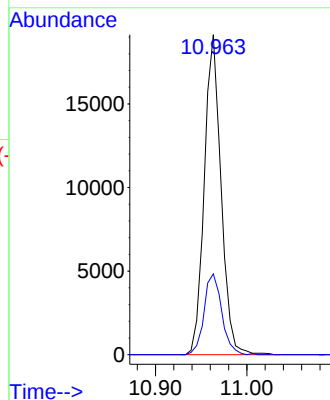
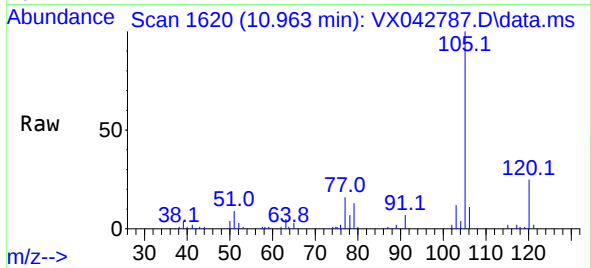




#73  
Isopropylbenzene  
Concen: 4.783 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

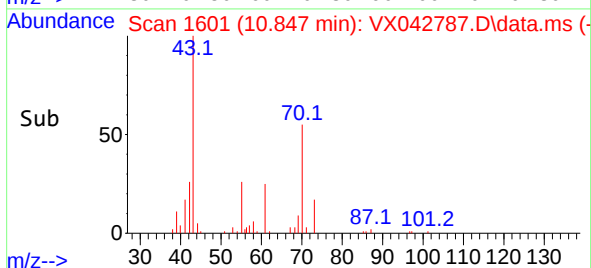
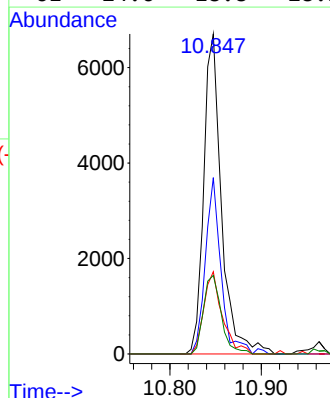
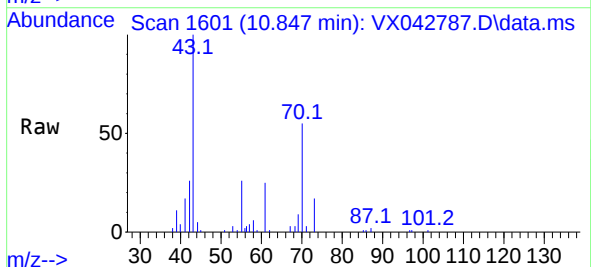
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

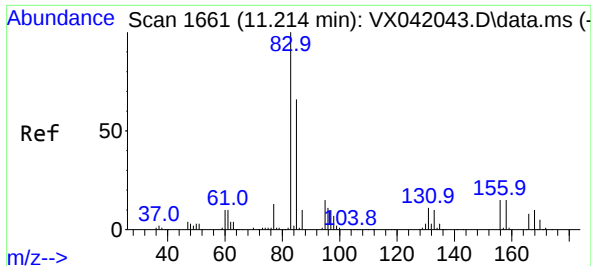
Tgt Ion:105 Resp: 24375  
Ion Ratio Lower Upper  
105 100  
120 26.7 12.9 38.6



#74  
N-ethyl acetate  
Concen: 4.631 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 43 Resp: 9072  
Ion Ratio Lower Upper  
43 100  
70 48.8 32.9 49.3  
55 26.8 19.3 28.9  
61 24.6 18.8 28.2

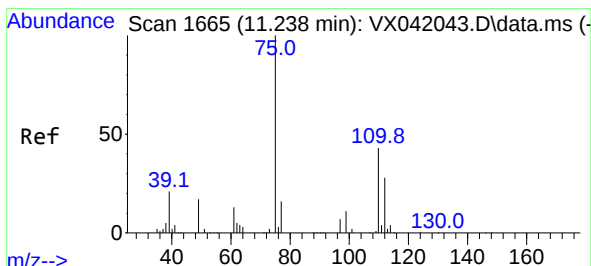
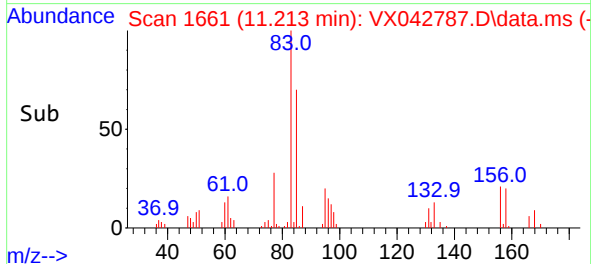
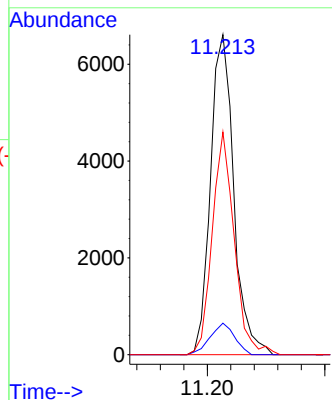
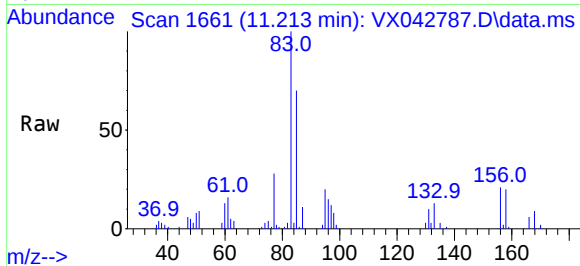




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.166 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

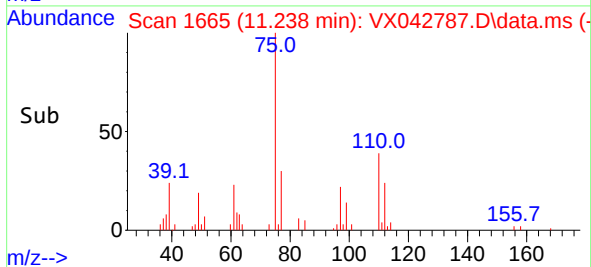
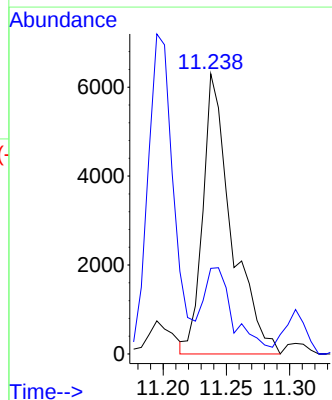
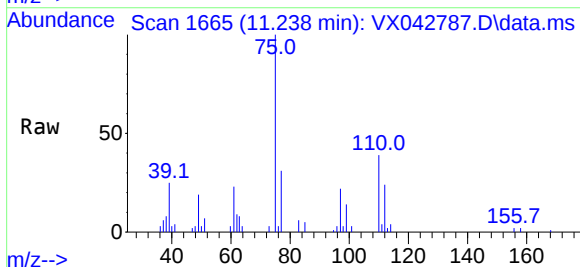
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

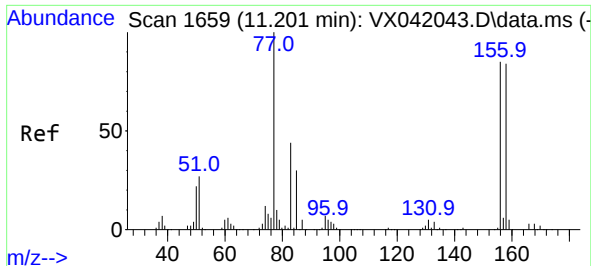
| Tgt Ion: | 83    | Resp: | 9085  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.4  | 5.3   | 15.8  |
| 85       | 66.0  | 32.0  | 96.2  |



#76  
1,2,3-Trichloropropane  
Concen: 6.400 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

| Tgt Ion: | 75    | Resp: | 9940  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.6  | 19.1  | 57.5  |

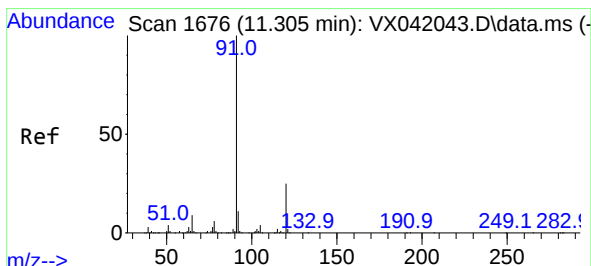
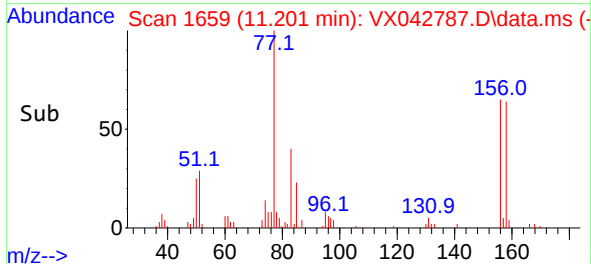
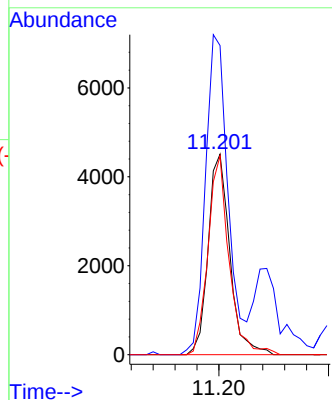
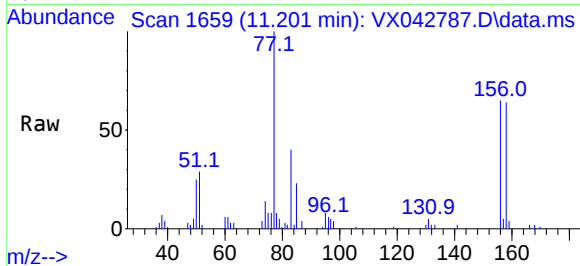




#77  
Bromobenzene  
Concen: 4.891 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

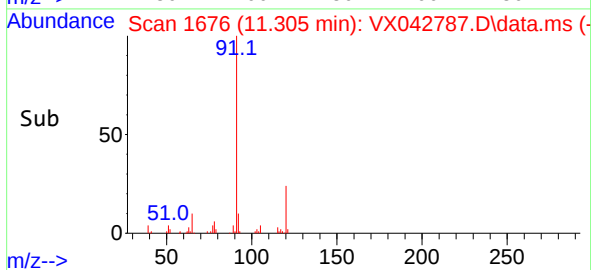
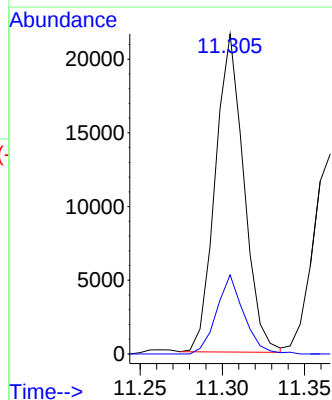
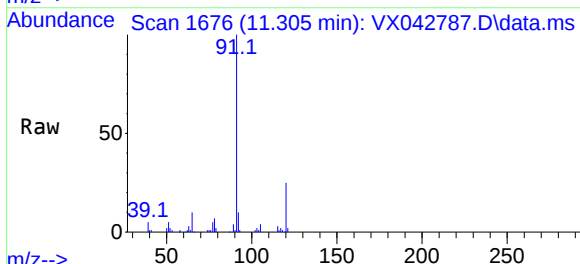
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

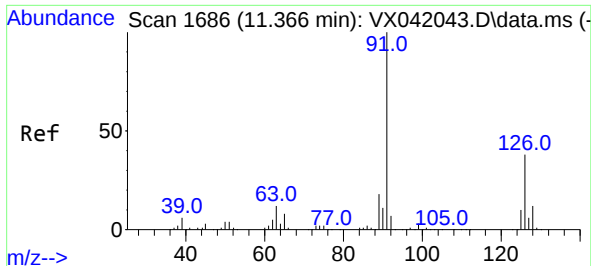
Tgt Ion:156 Resp: 6173  
Ion Ratio Lower Upper  
156 100  
77 166.2 88.4 265.3  
158 96.5 48.0 144.0



#78  
n-propylbenzene  
Concen: 4.587 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 91 Resp: 26064  
Ion Ratio Lower Upper  
91 100  
120 23.7 11.5 34.4

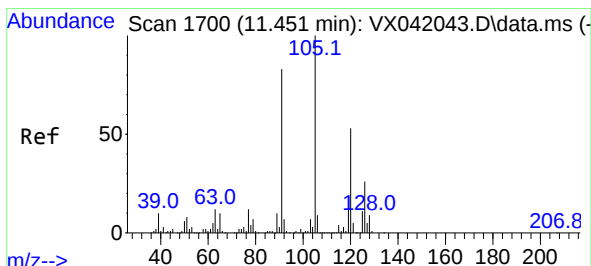
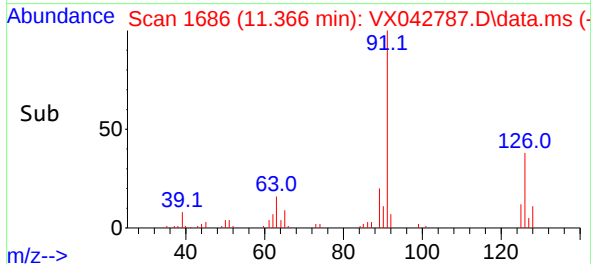
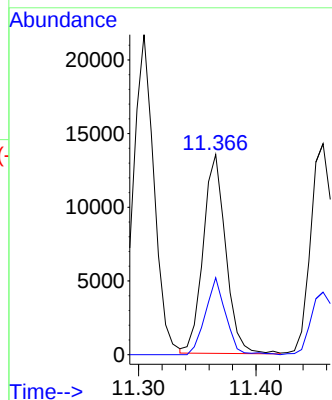
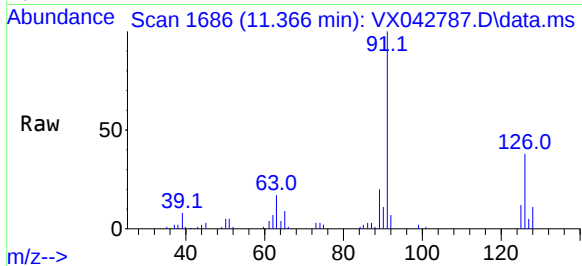




#79  
2-Chlorotoluene  
Concen: 4.866 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

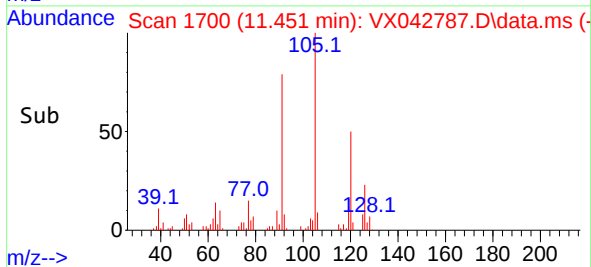
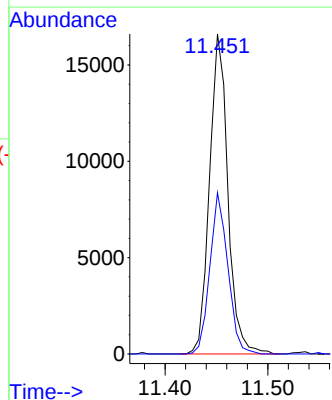
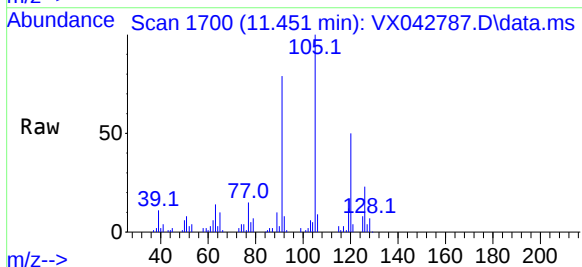
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

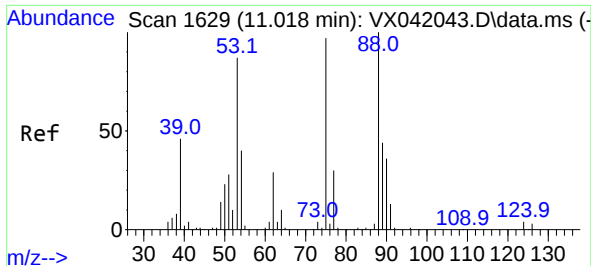
Tgt Ion: 91 Resp: 17997  
Ion Ratio Lower Upper  
91 100  
126 35.0 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 4.709 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 105 Resp: 20562  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.1 72.3

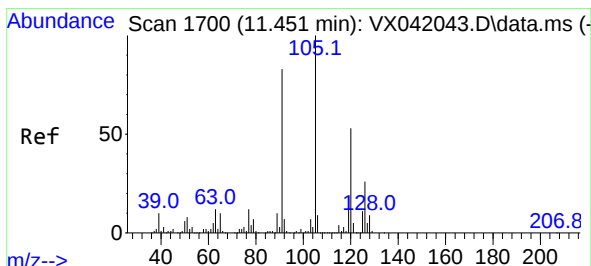
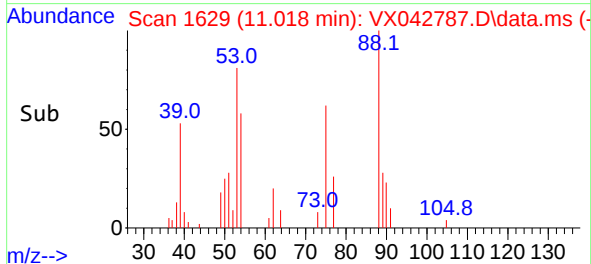
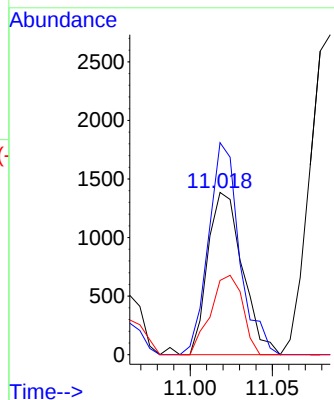
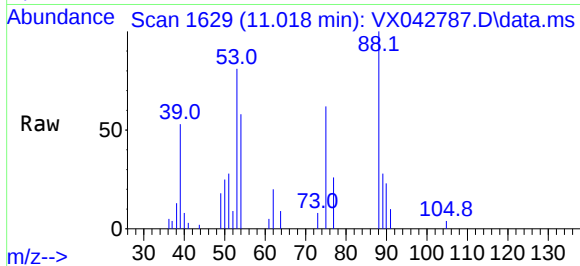




#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.954 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

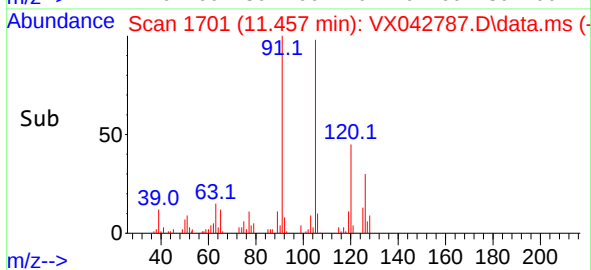
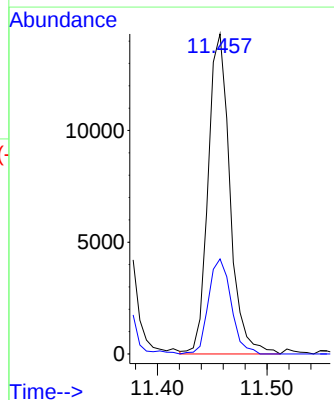
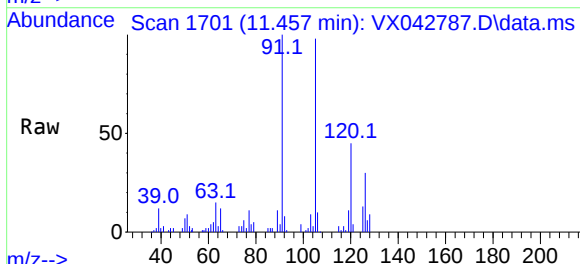
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

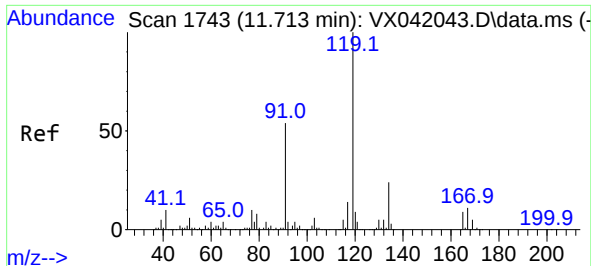
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2033  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 116.7 | 90.5  | 135.7 |
| 89       | 45.2  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 4.717 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 19794 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 30.8  | 14.2  | 42.6  |

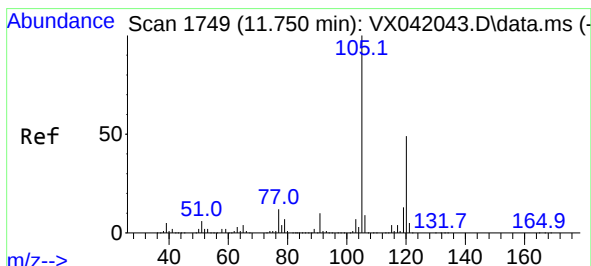
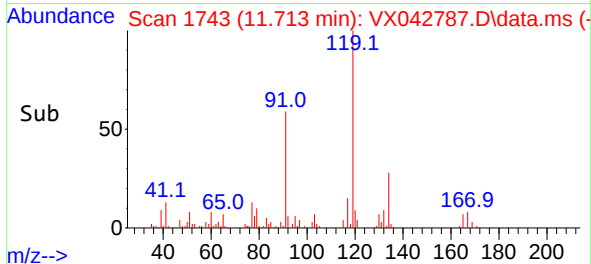
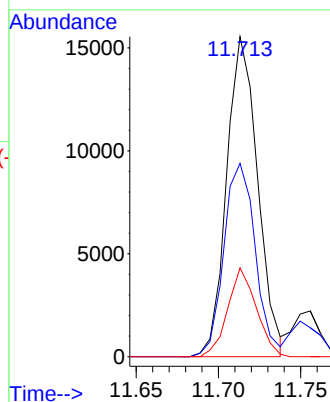
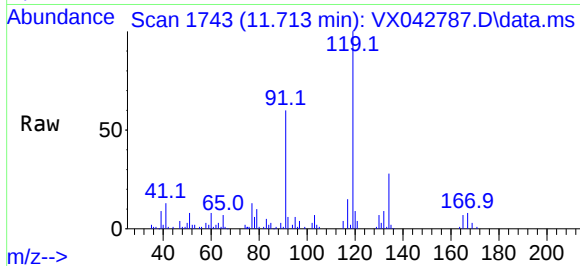




#83  
tert-Butylbenzene  
Concen: 4.696 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

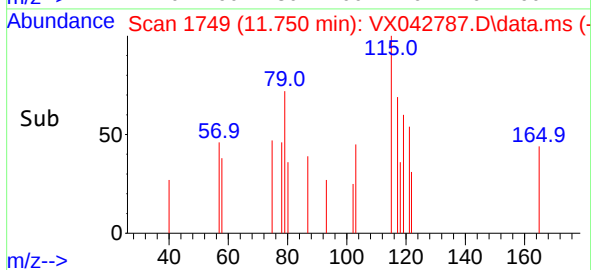
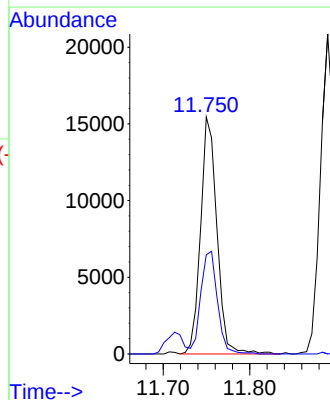
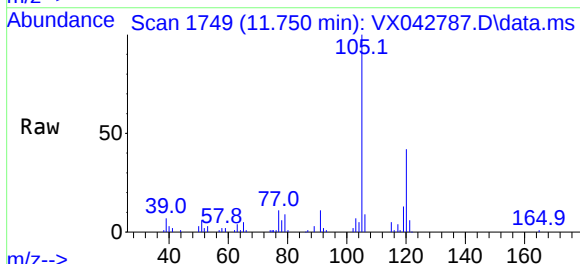
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

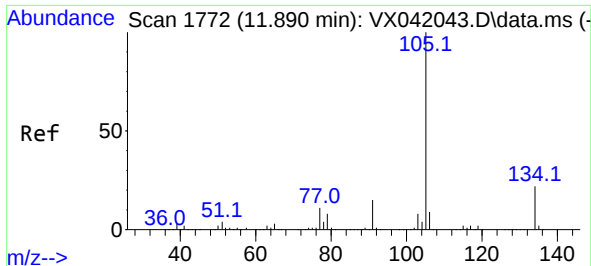
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 20434 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 61.1  | 31.2  | 93.6  |
| 134      | 25.6  | 11.7  | 35.0  |



#84  
1,2,4-Trimethylbenzene  
Concen: 4.654 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 20289 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 43.8  | 21.2  | 63.6  |

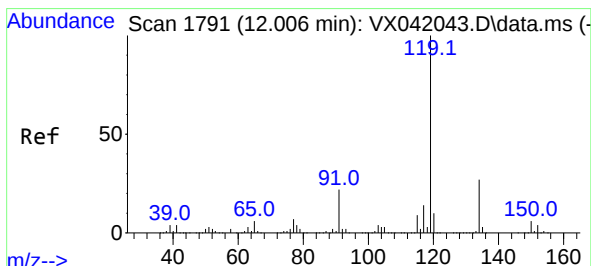
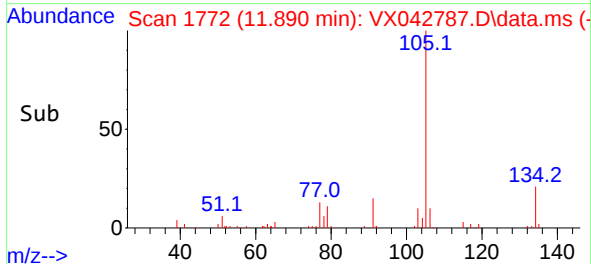
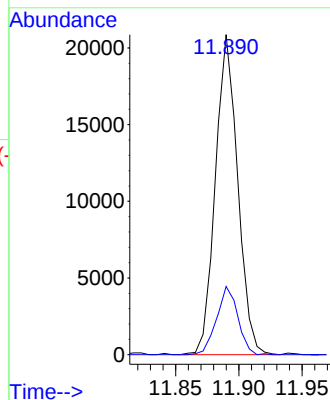
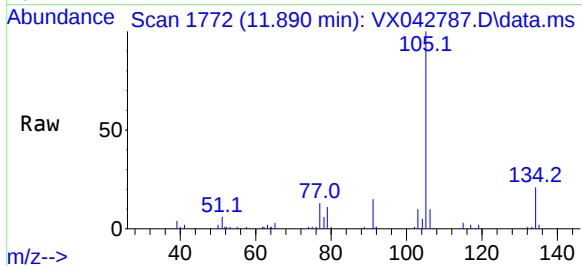




#85  
sec-Butylbenzene  
Concen: 4.795 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

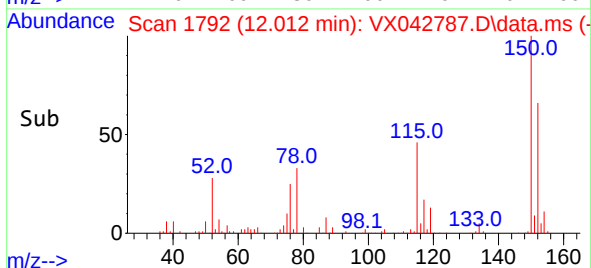
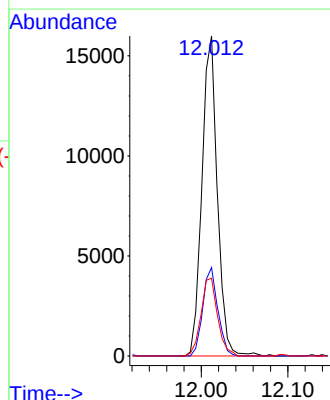
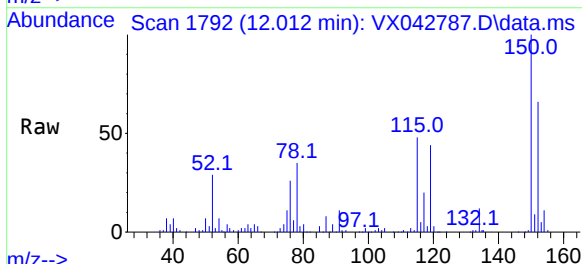
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

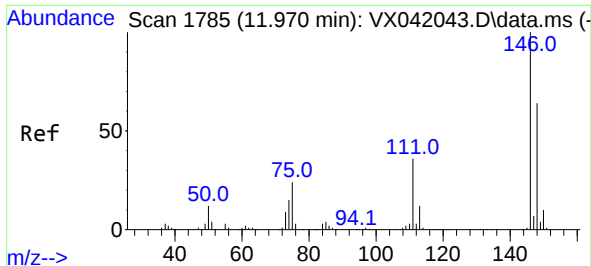
Tgt Ion:105 Resp: 25547  
Ion Ratio Lower Upper  
105 100  
134 20.2 9.8 29.4



#86  
p-Isopropyltoluene  
Concen: 4.398 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:119 Resp: 19754  
Ion Ratio Lower Upper  
119 100  
134 26.9 12.8 38.3  
91 26.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.712 ug/l

RT: 11.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

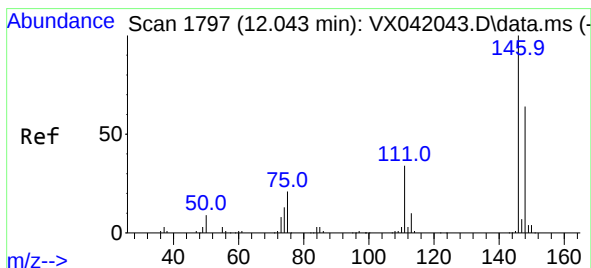
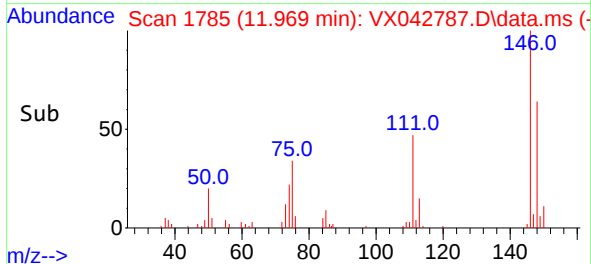
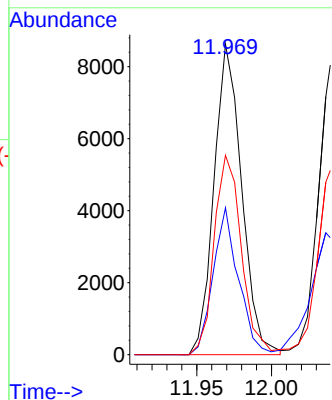
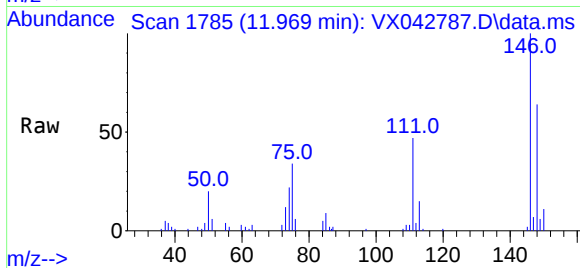
Tgt Ion:146 Resp: 11093

Ion Ratio Lower Upper

146 100

111 43.4 22.1 66.1

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 4.711 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

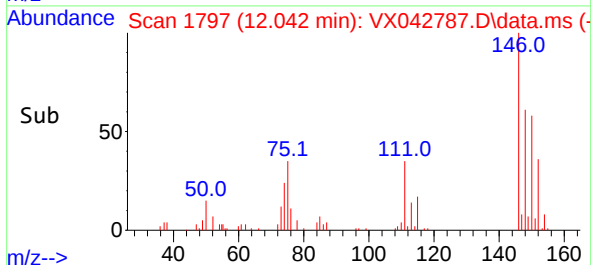
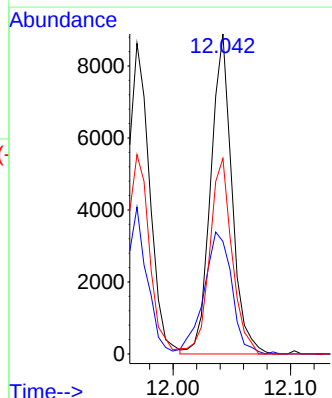
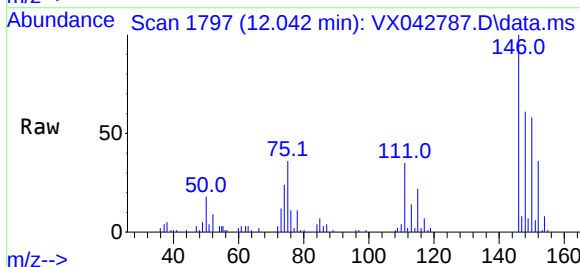
Tgt Ion:146 Resp: 11156

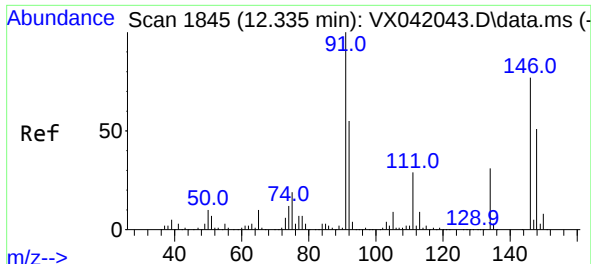
Ion Ratio Lower Upper

146 100

111 50.4 21.3 63.7

148 64.3 31.8 95.4

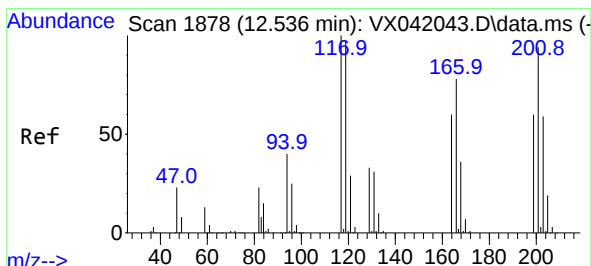
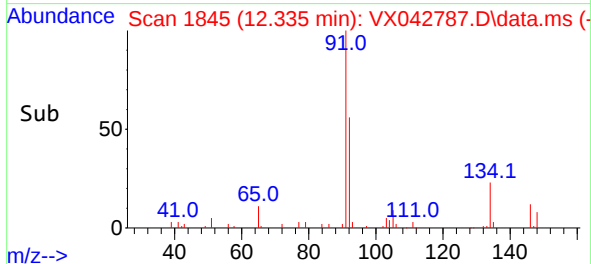
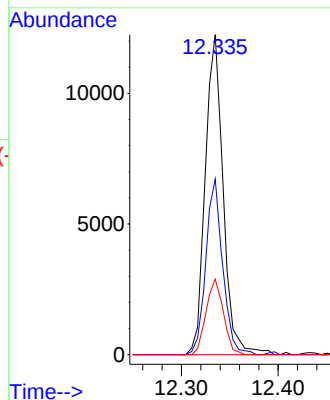
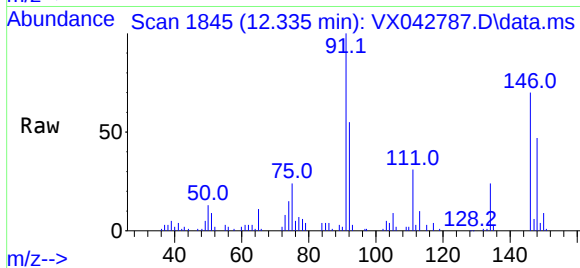




#89  
n-Butylbenzene  
Concen: 4.300 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

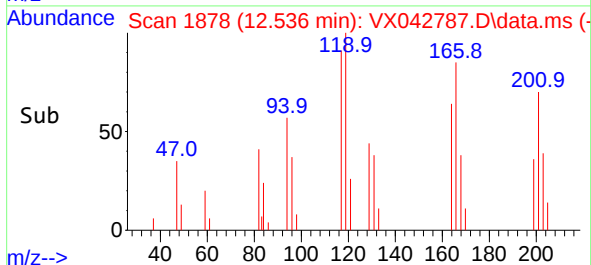
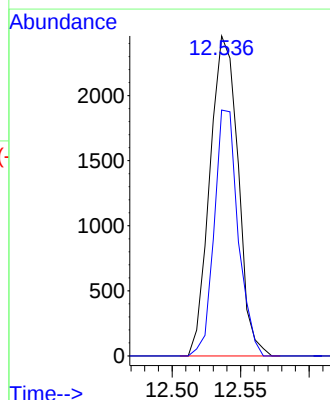
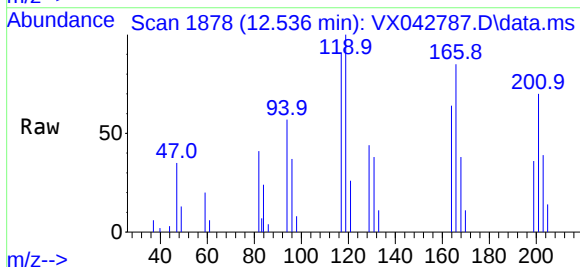
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

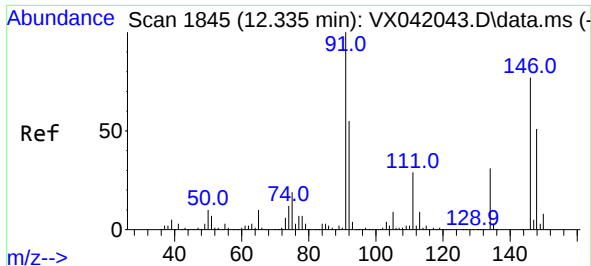
Tgt Ion: 91 Resp: 15804  
Ion Ratio Lower Upper  
91 100  
92 51.7 27.4 82.0  
134 22.8 12.6 37.8



#90  
Hexachloroethane  
Concen: 4.419 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion: 117 Resp: 3516  
Ion Ratio Lower Upper  
117 100  
201 65.2 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 5.045 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

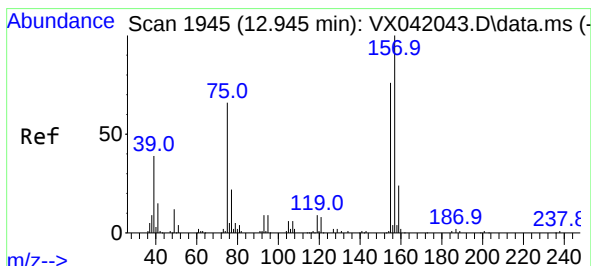
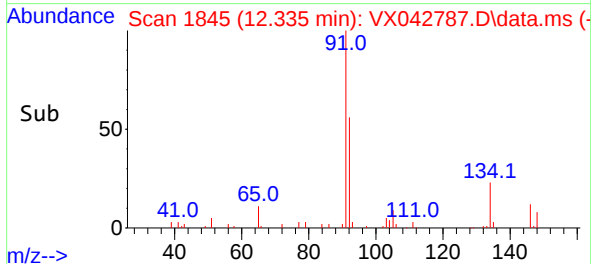
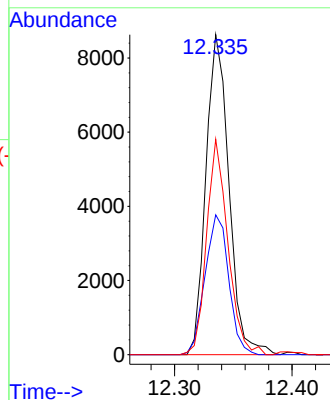
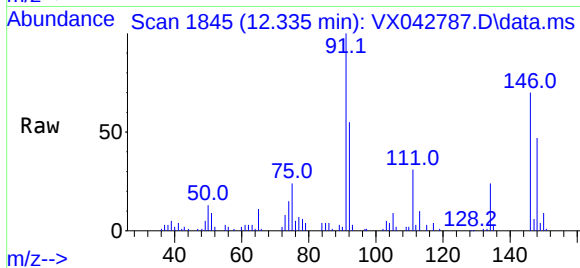
Tgt Ion:146 Resp: 11747

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 62.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.454 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042787.D

Acq: 01 Aug 2024 10:17

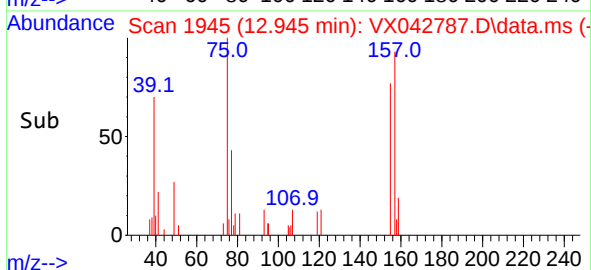
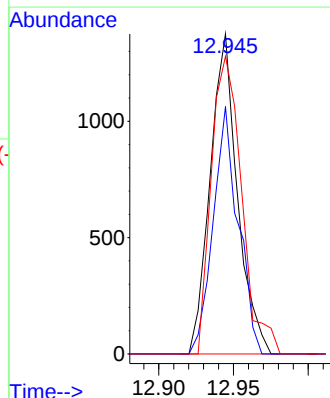
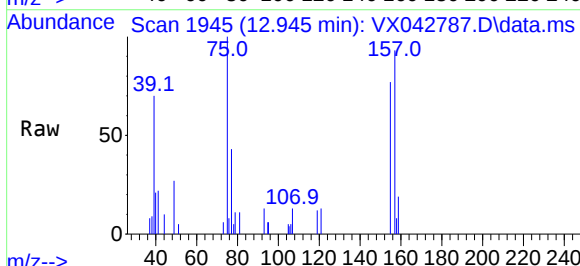
Tgt Ion: 75 Resp: 1743

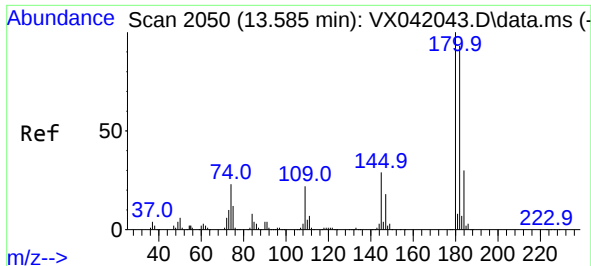
Ion Ratio Lower Upper

75 100

155 71.0 36.1 108.5

157 103.6 44.9 134.7

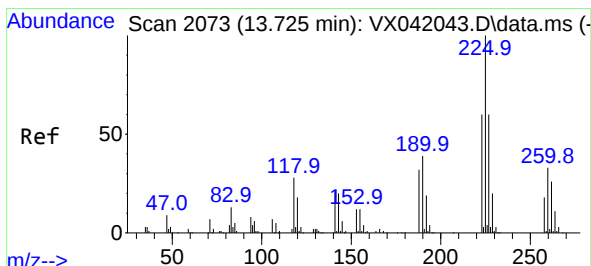
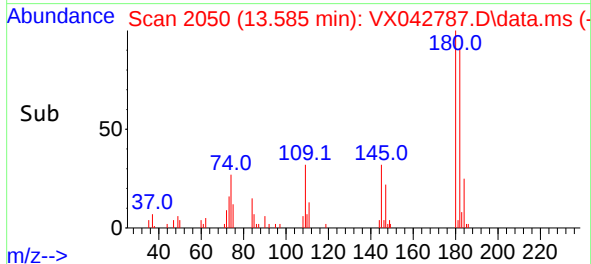
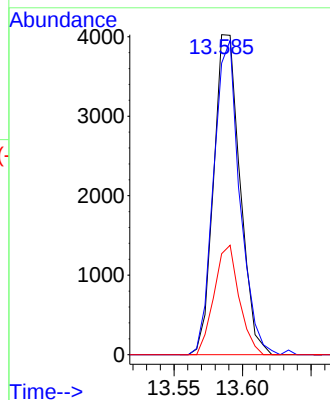
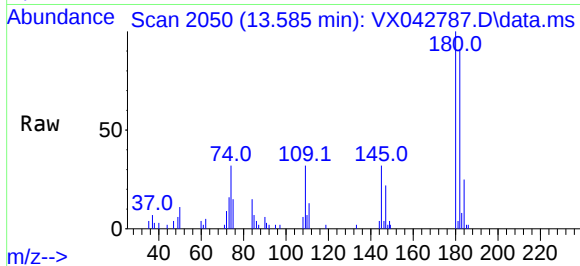




#93  
1,2,4-Trichlorobenzene  
Concen: 4.020 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

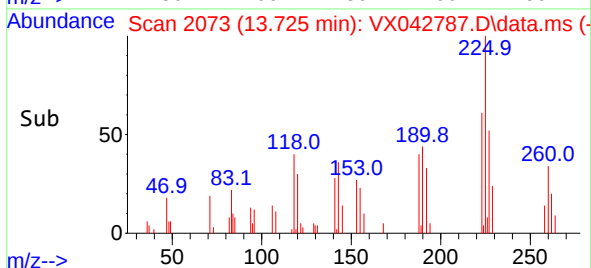
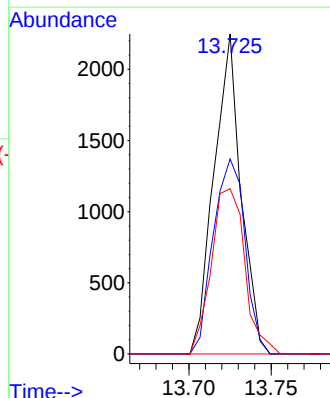
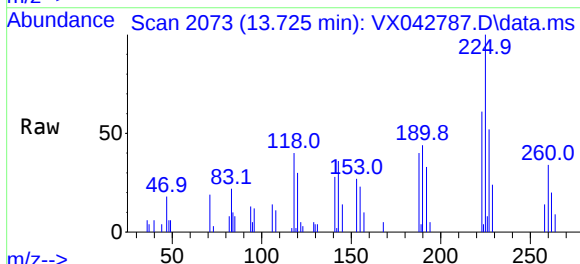
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

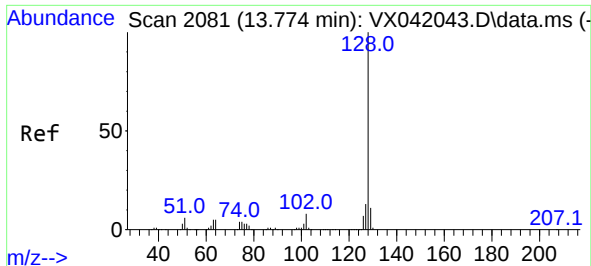
Tgt Ion:180 Resp: 5373  
Ion Ratio Lower Upper  
180 100  
182 97.9 48.3 144.8  
145 32.6 18.0 54.0



#94  
Hexachlorobutadiene  
Concen: 4.446 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Tgt Ion:225 Resp: 2581  
Ion Ratio Lower Upper  
225 100  
223 71.4 31.1 93.2  
227 63.7 32.5 97.5

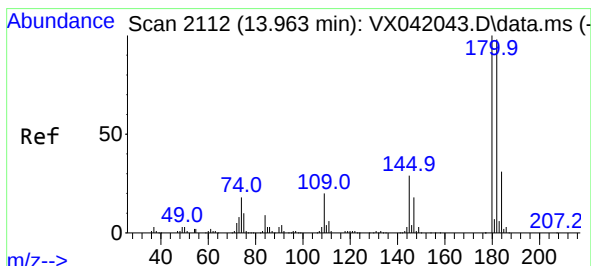
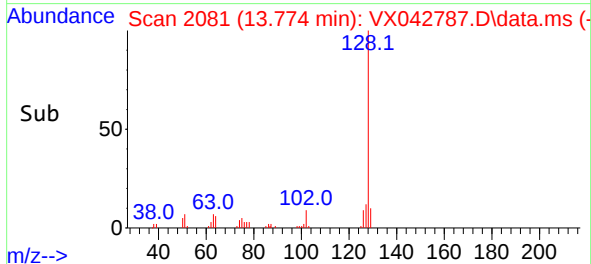
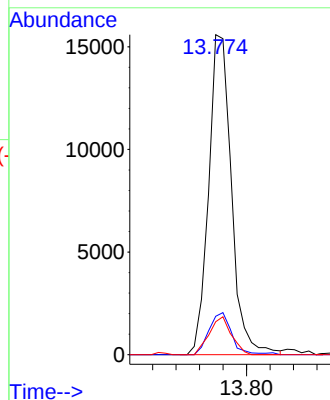
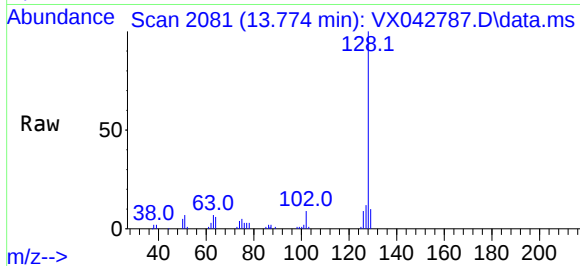




#95  
Naphthalene  
Concen: 4.123 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 21029 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.1  | 10.3  | 15.5  |
| 129      | 11.5  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 4.206 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX042787.D  
Acq: 01 Aug 2024 10:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 5779  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 100.5 | 46.9  | 140.6 |
| 145      | 37.2  | 17.8  | 53.5  |

