

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100322\  
 Data File : VX031824.D  
 Acq On : 03 Oct 2022 09:40  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 04 06:28:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 06:27:45 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 82148    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 126008   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 137502   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 90737    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.946  | 65    | 2550     | 1.467    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 2.940%#  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 2043     | 1.161    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 2.320%#  |
| 50) Toluene-d8               | 8.647  | 98    | 6866     | 1.109    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 2.220%#  |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 2228     | 0.989    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 1.980%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 1028     | 0.897    | ug/l   | 89       |
| 3) Chloromethane             | 1.288  | 50    | 1236     | 1.008    | ug/l # | 84       |
| 4) Vinyl Chloride            | 1.374  | 62    | 1522     | 0.994    | ug/l   | 91       |
| 5) Bromomethane              | 1.617  | 94    | 1612     | 1.269    | ug/l   | 100      |
| 6) Chloroethane              | 1.691  | 64    | 1849     | 1.163    | ug/l # | 87       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 3372     | 1.090    | ug/l   | 84       |
| 8) Diethyl Ether             | 2.130  | 74    | 1111     | 1.048    | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 1469     | 1.094    | ug/l   | 85       |
| 10) Methyl Iodide            | 2.453  | 142   | 913      | 0.633    | ug/l # | 81       |
| 11) Tert butyl alcohol       | 3.074  | 59    | 93       | 0.400    | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 2.318  | 96    | 1286     | 1.012    | ug/l   | 82       |
| 13) Acrolein                 | 2.239  | 56    | 1037     | 7.222    | ug/l   | 93       |
| 14) Allyl chloride           | 2.660  | 41    | 1735     | 1.058    | ug/l # | 93       |
| 15) Acrylonitrile            | 3.068  | 53    | 3075     | 5.005    | ug/l   | 92       |
| 16) Acetone                  | 2.392  | 43    | 2598     | 5.444    | ug/l   | 91       |
| 17) Carbon Disulfide         | 2.514  | 76    | 3904     | 1.123    | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 1622     | 1.024    | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.105  | 73    | 3918     | 0.912    | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788  | 84    | 1443     | 0.985    | ug/l   | 88       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 1501     | 0.992    | ug/l # | 71       |
| 22) Diisopropyl ether        | 3.757  | 45    | 3395     | 0.966    | ug/l # | 75       |
| 23) Vinyl Acetate            | 3.721  | 43    | 11964    | 4.486    | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 2382     | 1.014    | ug/l # | 93       |
| 25) 2-Butanone               | 4.568  | 43    | 3772     | 4.894    | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 1916     | 0.962    | ug/l   | 92       |
| 27) cis-1,2-Dichloroethene   | 4.483  | 96    | 1693     | 0.955    | ug/l   | 79       |
| 28) Bromochloromethane       | 4.903  | 49    | 972      | 0.997    | ug/l # | 80       |
| 29) Tetrahydrofuran          | 5.031  | 42    | 2139     | 4.474    | ug/l # | 80       |
| 30) Chloroform               | 5.092  | 83    | 2538     | 0.899    | ug/l   | 99       |
| 31) Cyclohexane              | 5.470  | 56    | 2035     | 1.079    | ug/l # | 82       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 2665     | 1.015    | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 1901     | 0.944    | ug/l   | 92       |
| 37) Ethyl Acetate            | 4.721  | 43    | 1487     | 0.942    | ug/l # | 70       |
| 38) Carbon Tetrachloride     | 5.672  | 117   | 2411     | 0.964    | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.385  | 83    | 2226     | 0.939    | ug/l   | 88       |
| 40) Benzene                  | 6.031  | 78    | 5448     | 0.913    | ug/l   | 99       |

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 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 04 06:28:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 06:27:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 890      | 1.037  | ug/l # | 75       |
| 42) 1,2-Dichloroethane        | 6.074  | 62   | 2071     | 0.986  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.330  | 43   | 2456     | 0.953  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 1892     | 0.985  | ug/l   | 67       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 1356     | 0.965  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 1042     | 0.877  | ug/l   | 90       |
| 47) Bromodichloromethane      | 7.818  | 83   | 2279     | 0.967  | ug/l # | 82       |
| 48) Methyl methacrylate       | 7.696  | 41   | 1025     | 0.889  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.714  | 88   | 621      | 16.829 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 7131     | 4.440  | ug/l   | 96       |
| 52) Toluene                   | 8.714  | 92   | 3741     | 0.896  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 2013     | 0.889  | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 2189     | 0.883  | ug/l # | 76       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 1443     | 0.851  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 1414     | 0.710  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 2305     | 0.881  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 4459     | 4.372  | ug/l   | 93       |
| 59) 2-Hexanone                | 9.433  | 43   | 4785     | 4.096  | ug/l   | 89       |
| 60) Dibromochloromethane      | 9.518  | 129  | 1739     | 0.836  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 1670     | 0.885  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1777     | 0.936  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 4320     | 0.928  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1543     | 0.853  | ug/l # | 59       |
| 67) Ethyl Benzene             | 10.195 | 91   | 6826     | 0.903  | ug/l   | 90       |
| 68) m/p-Xylenes               | 10.305 | 106  | 5328     | 1.701  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 2527     | 0.832  | ug/l   | 100      |
| 70) Styrene                   | 10.658 | 104  | 3916     | 0.786  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 1394     | 0.895  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 7017     | 0.999  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.841 | 43   | 1591     | 0.921  | ug/l # | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 2100     | 1.025  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 2377     | 1.368  | ug/l   | 83       |
| 77) Bromobenzene              | 11.201 | 156  | 1853     | 0.965  | ug/l   | 84       |
| 78) n-propylbenzene           | 11.305 | 91   | 7276     | 0.951  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 4473     | 0.957  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 5295     | 0.899  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 556      | 0.967  | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 5030     | 0.931  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 5521     | 0.933  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 5204     | 0.883  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 6490     | 0.926  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 5245     | 0.851  | ug/l   | 91       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 3339     | 0.935  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 3339     | 0.897  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 4465     | 0.925  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.536 | 117  | 1103     | 0.986  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 3374     | 0.944  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 371      | 0.858  | ug/l   | 72       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 1902     | 0.876  | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 858      | 1.000  | ug/l   | 94       |
| 95) Naphthalene               | 13.780 | 128  | 5533     | 0.804  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1642     | 0.776  | ug/l   | 83       |

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Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

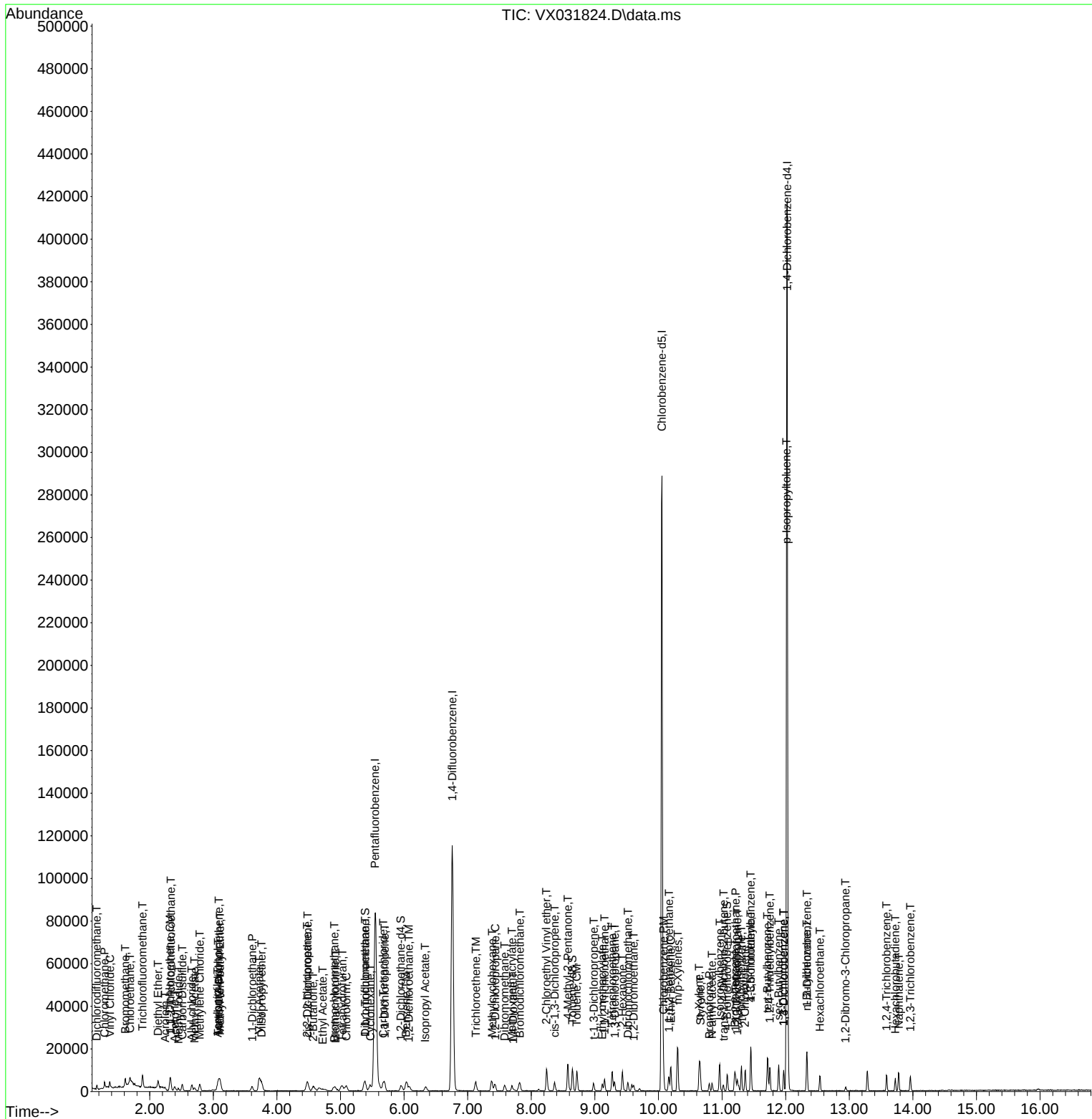
Instrument :  
MSVOA\_X  
ClientSampleId :

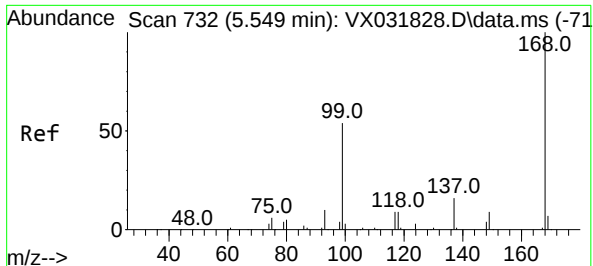
Quant Time: Oct 04 06:28:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 04 06:27:45 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100322W.M  
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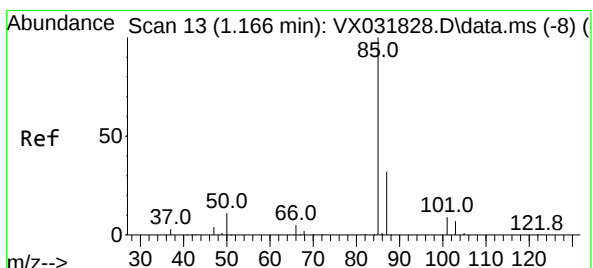
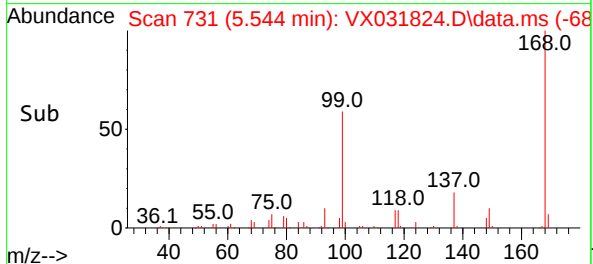
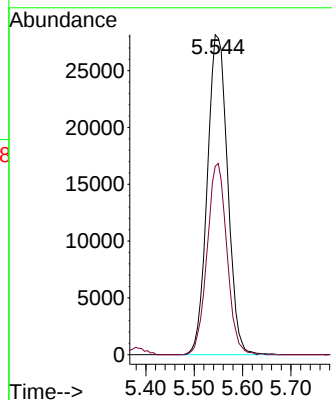
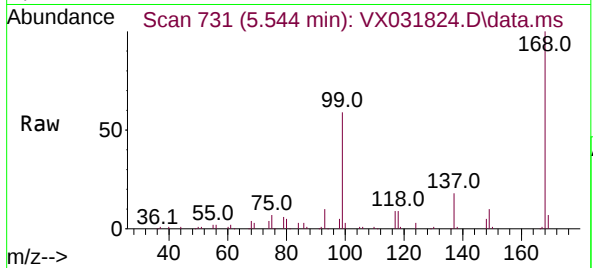




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

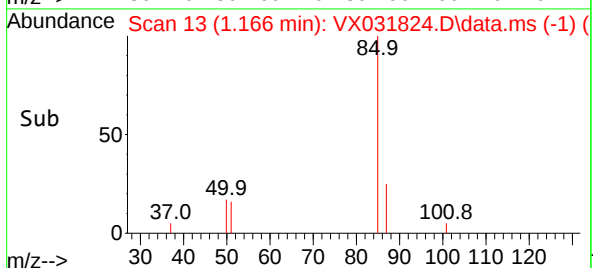
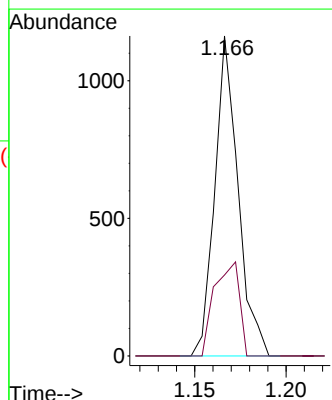
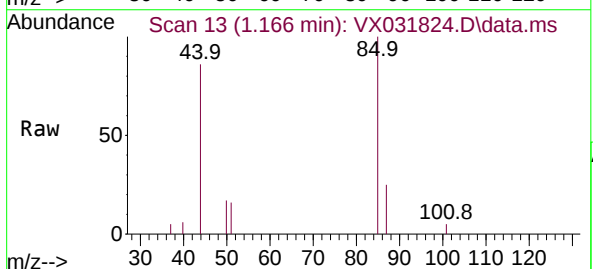
Instrument :  
MSVOA\_X  
ClientSampleId :

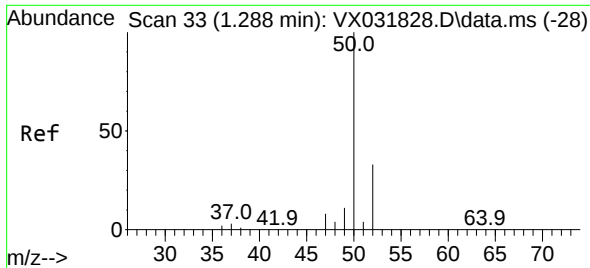
Tgt Ion:168 Resp: 82148  
Ion Ratio Lower Upper  
168 100  
99 58.9 48.8 73.2



#2  
Dichlorodifluoromethane  
Concen: 0.897 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

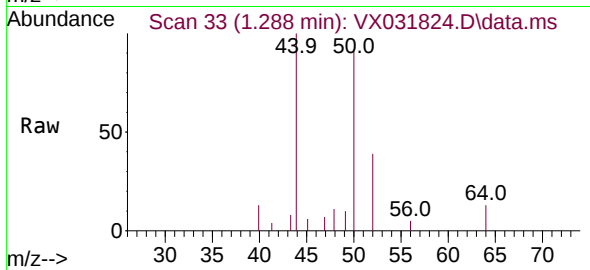
Tgt Ion: 85 Resp: 1028  
Ion Ratio Lower Upper  
85 100  
87 25.3 15.8 47.4



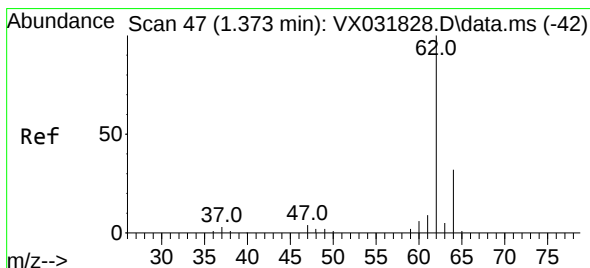
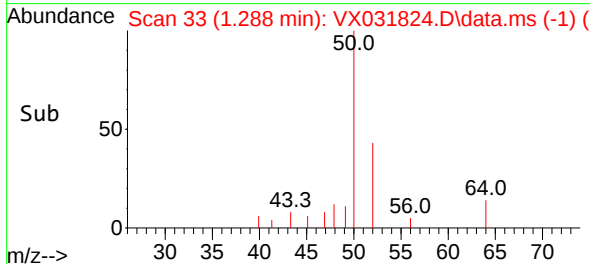
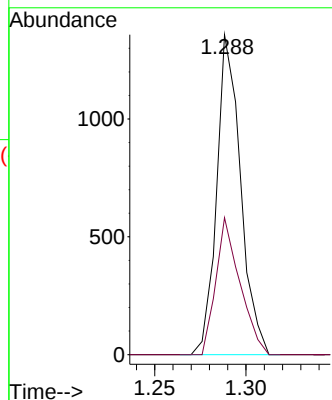


#3  
 Chloromethane  
 Concen: 1.008 ug/l  
 RT: 1.288 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :

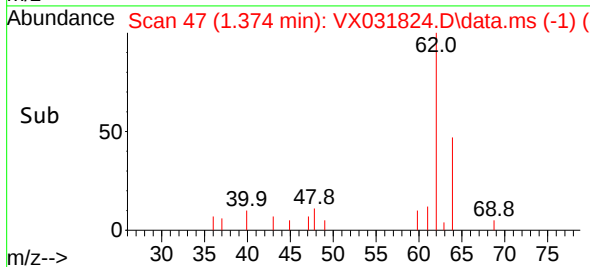
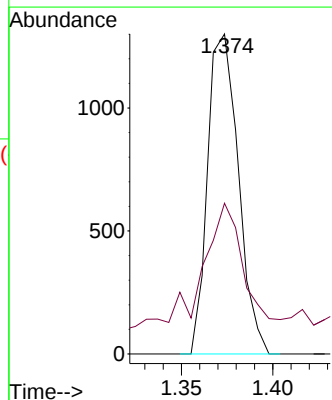
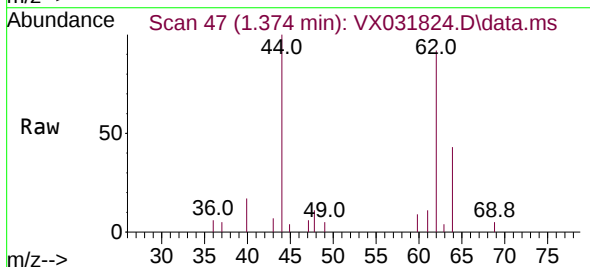


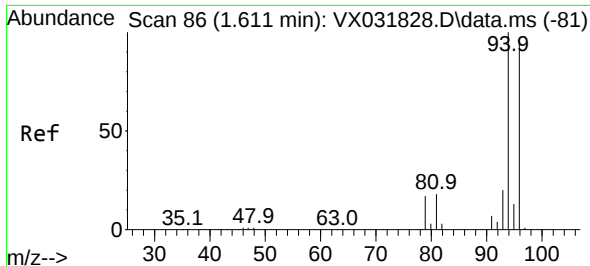
Tgt Ion: 50 Resp: 1236  
 Ion Ratio Lower Upper  
 50 100  
 52 42.8 26.9 40.3#



#4  
 Vinyl Chloride  
 Concen: 0.994 ug/l  
 RT: 1.374 min Scan# 47  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

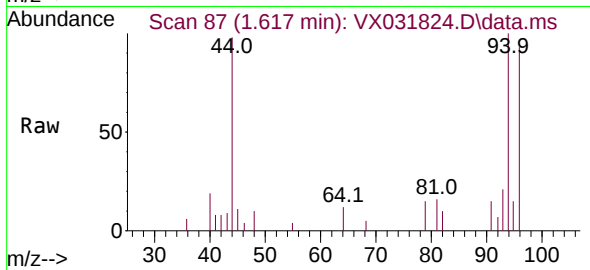
Tgt Ion: 62 Resp: 1522  
 Ion Ratio Lower Upper  
 62 100  
 64 36.4 25.3 37.9



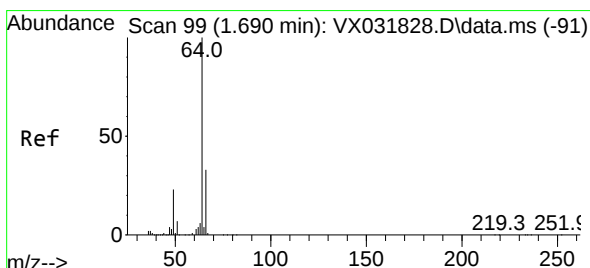
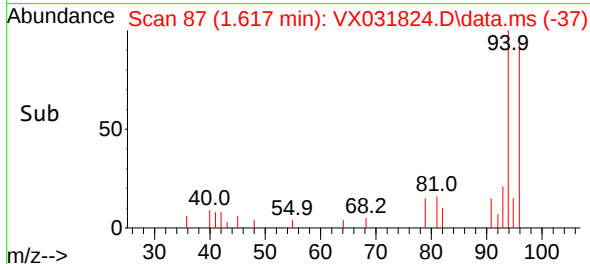
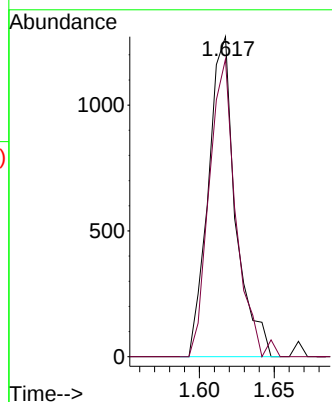


#5  
Bromomethane  
Concen: 1.269 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :

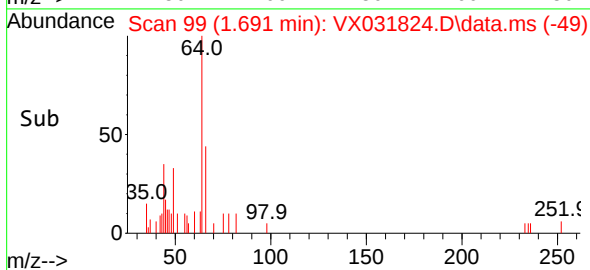
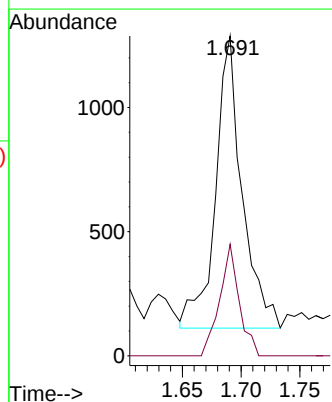
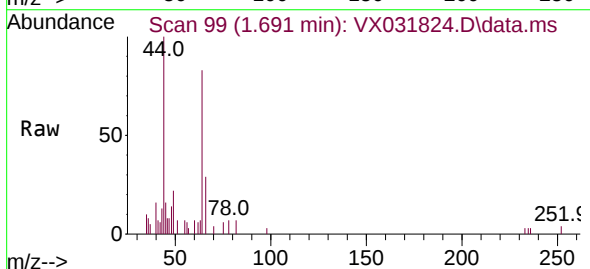


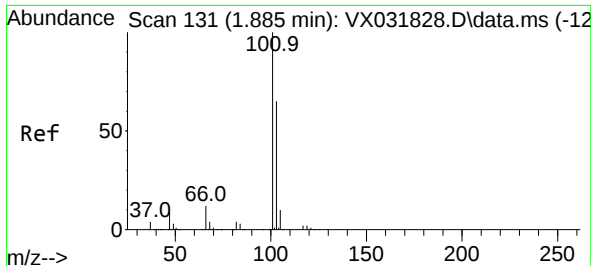
Tgt Ion: 94 Resp: 1612  
Ion Ratio Lower Upper  
94 100  
96 93.0 74.4 111.6



#6  
Chloroethane  
Concen: 1.163 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 64 Resp: 1849  
Ion Ratio Lower Upper  
64 100  
66 38.2 25.0 37.4#

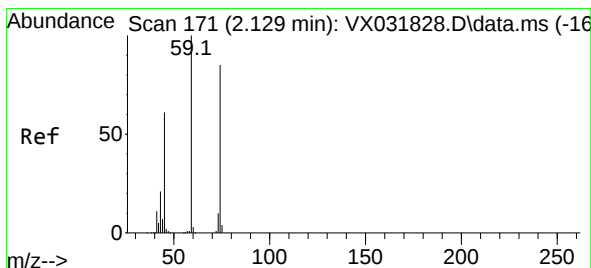
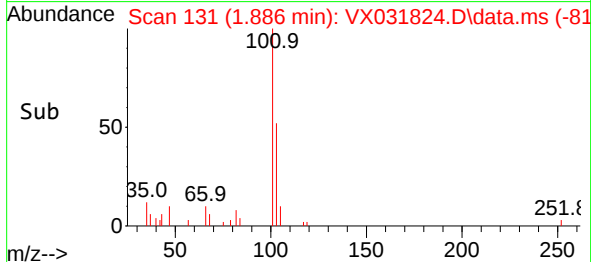
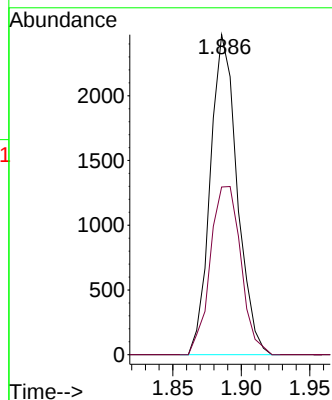
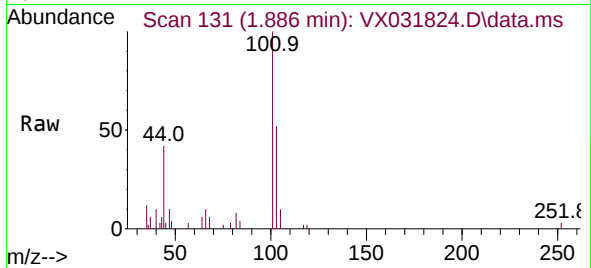




#7  
 Trichlorofluoromethane  
 Concen: 1.090 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

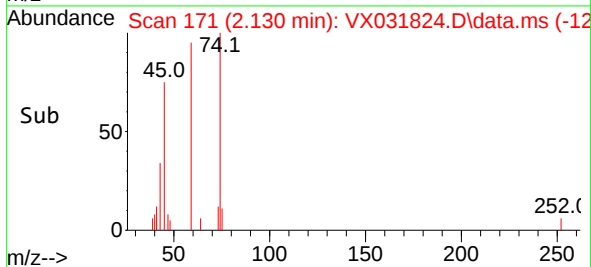
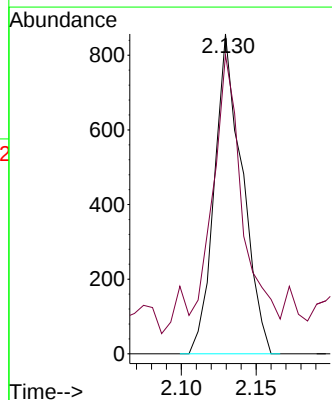
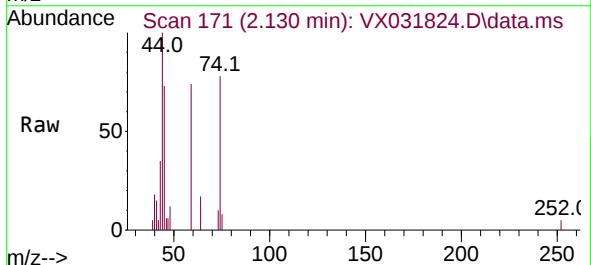
Instrument :  
 MSVOA\_X  
 ClientSampleId :

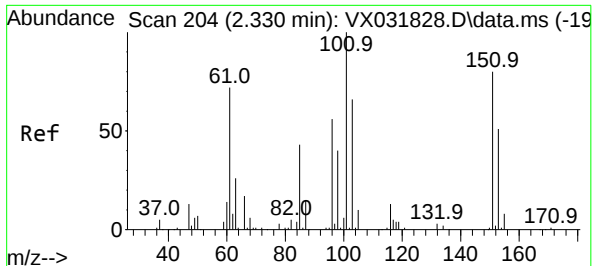
Tgt Ion:101 Resp: 3372  
 Ion Ratio Lower Upper  
 101 100  
 103 52.4 51.8 77.6



#8  
 Diethyl Ether  
 Concen: 1.048 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

Tgt Ion: 74 Resp: 1111  
 Ion Ratio Lower Upper  
 74 100  
 45 104.6 48.5 145.6

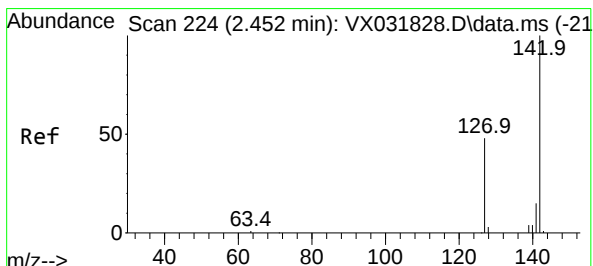
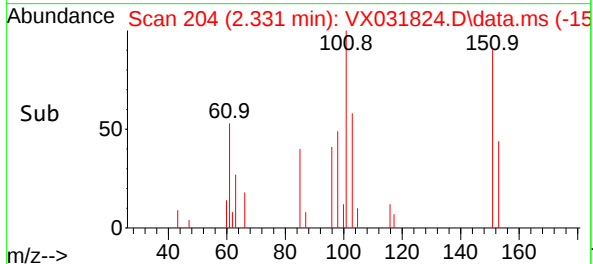
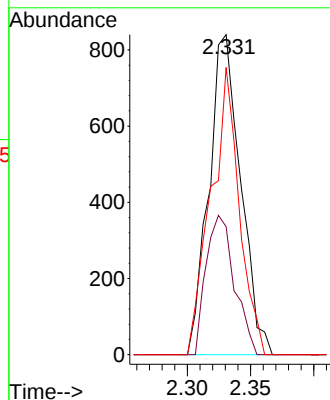
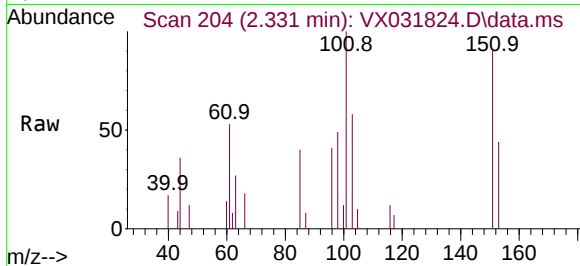




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.094 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

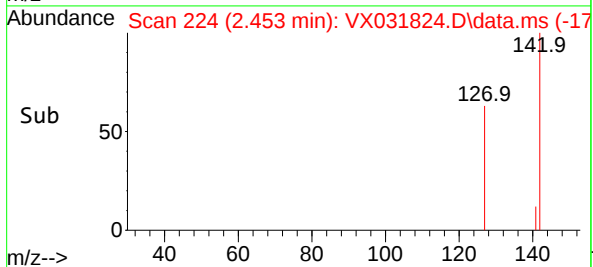
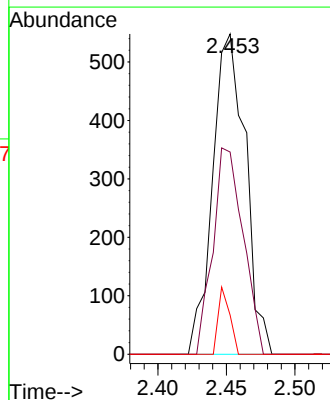
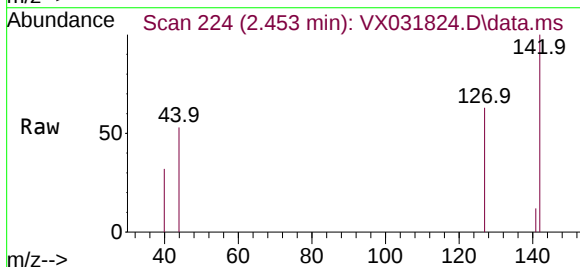
Instrument :  
MSVOA\_X  
ClientSampleId :

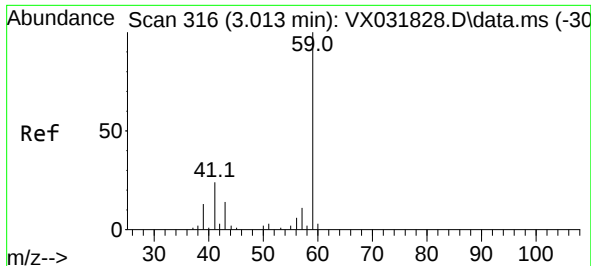
Tgt Ion:101 Resp: 1469  
Ion Ratio Lower Upper  
101 100  
85 38.9 38.6 57.8  
151 79.8 54.0 81.0



#10  
Methyl Iodide  
Concen: 0.633 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:142 Resp: 913  
Ion Ratio Lower Upper  
142 100  
127 59.3 37.4 56.0#  
141 7.3 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.400 ug/l

RT: 3.074 min Scan# 31

Delta R.T. -0.006 min

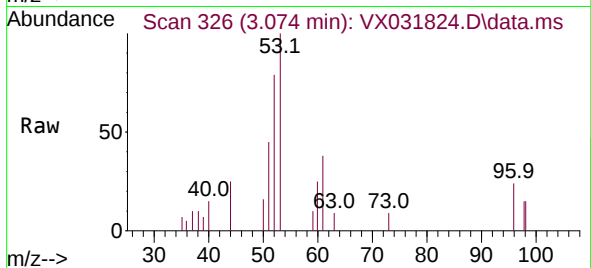
Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :

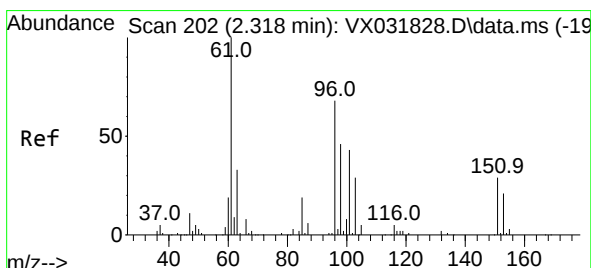
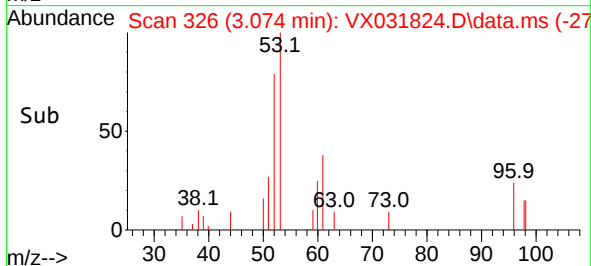
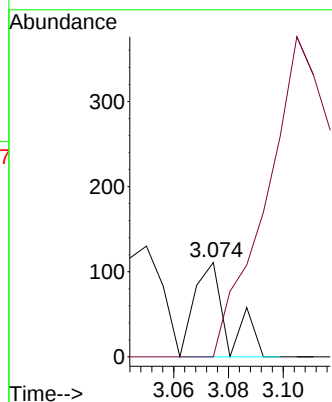


Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 1.012 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

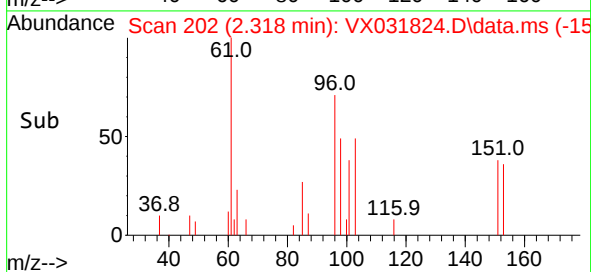
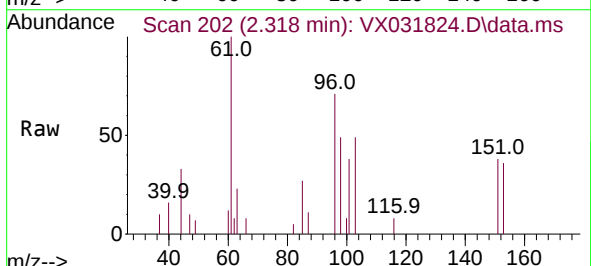
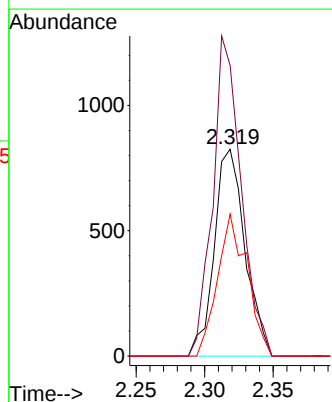
Tgt Ion: 96 Resp: 1286

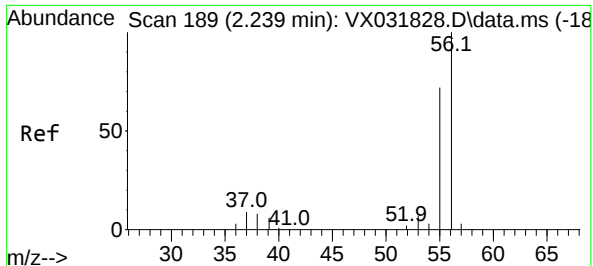
Ion Ratio Lower Upper

96 100

61 140.5 135.3 202.9

98 68.6 49.4 74.2





#13

Acrolein

Concen: 7.222 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

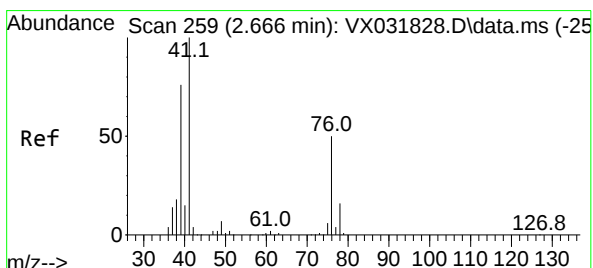
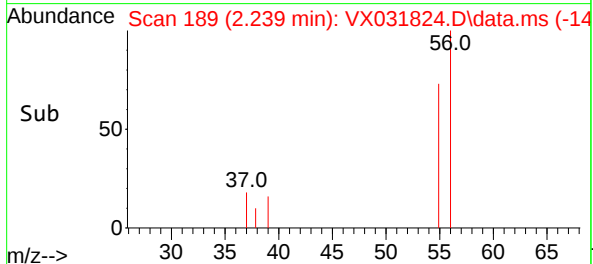
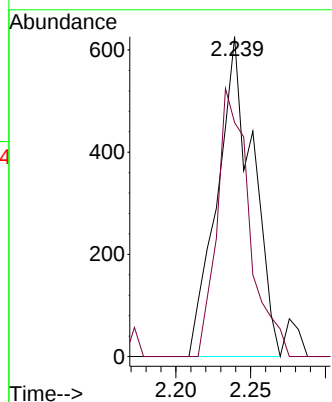
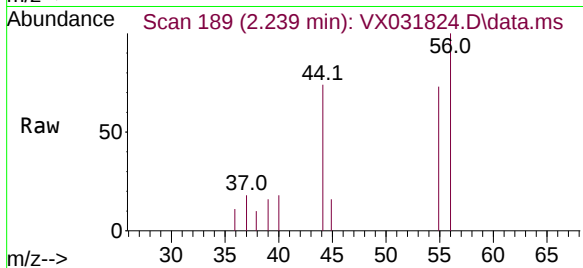
ClientSampleId :

Tgt Ion: 56 Resp: 1037

Ion Ratio Lower Upper

56 100

55 76.1 56.0 84.0



#14

Allyl chloride

Concen: 1.058 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

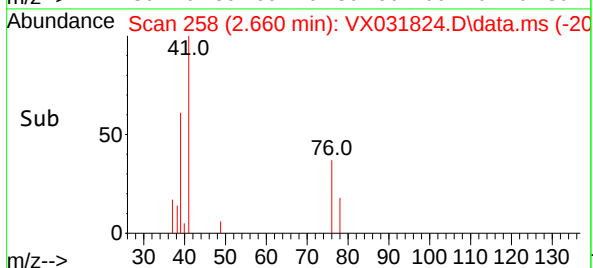
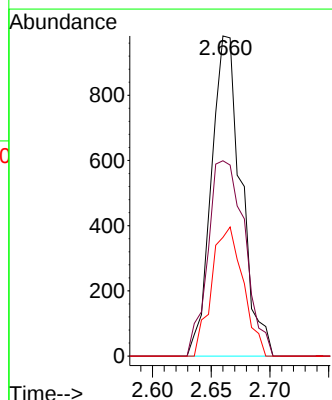
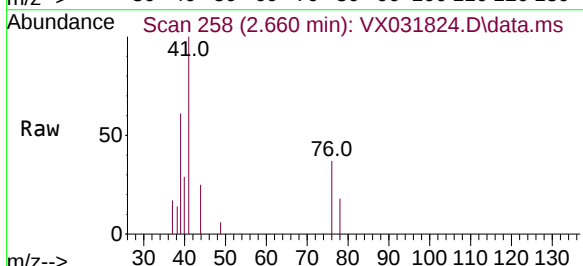
Tgt Ion: 41 Resp: 1735

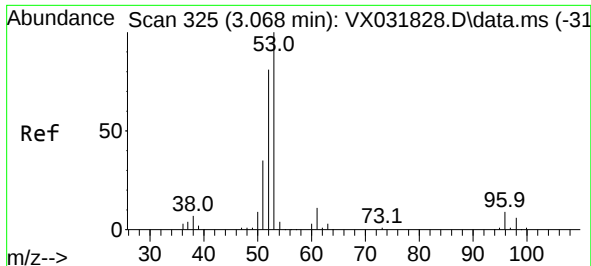
Ion Ratio Lower Upper

41 100

39 75.2 58.2 87.4

76 42.5 26.9 40.3#





#15

Acrylonitrile

Concen: 5.005 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :

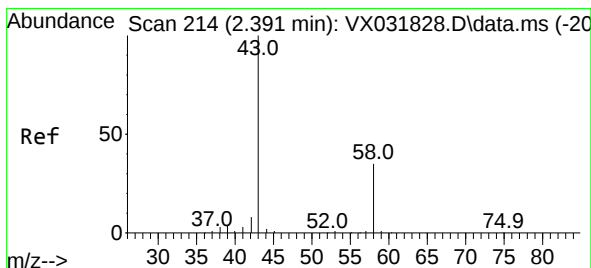
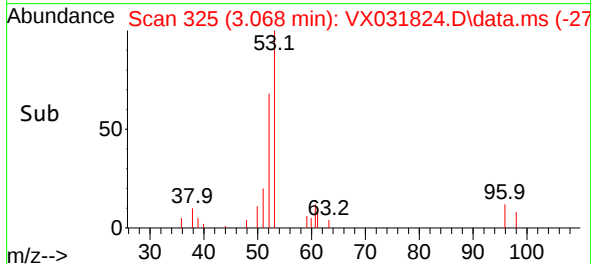
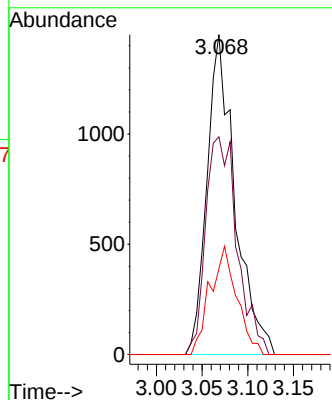
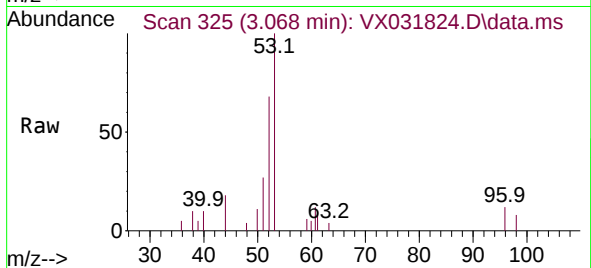
Tgt Ion: 53 Resp: 3075

Ion Ratio Lower Upper

53 100

52 76.8 66.9 100.3

51 32.6 30.0 45.0



#16

Acetone

Concen: 5.444 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031824.D

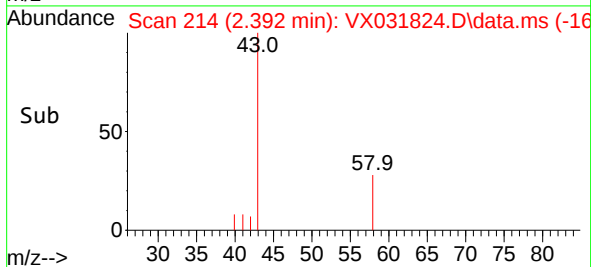
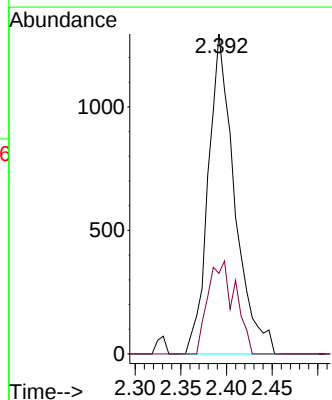
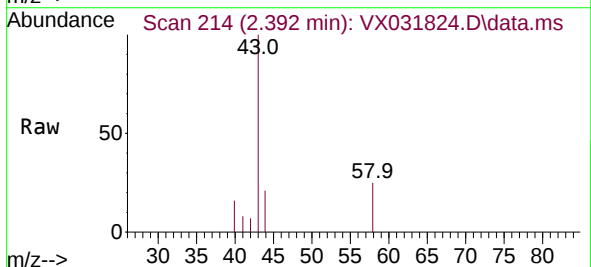
Acq: 03 Oct 2022 09:40

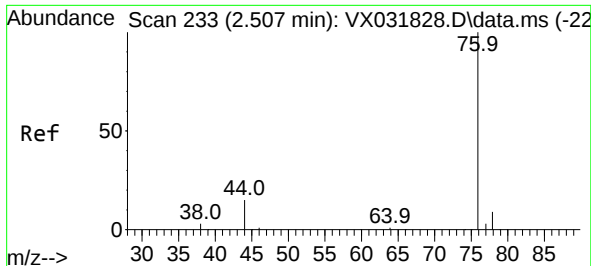
Tgt Ion: 43 Resp: 2598

Ion Ratio Lower Upper

43 100

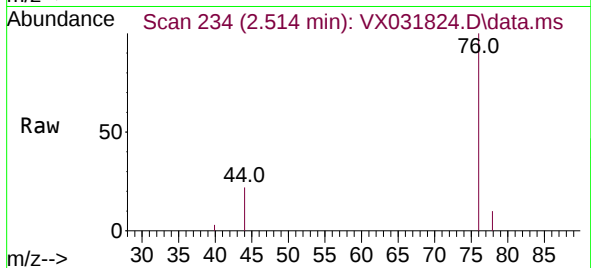
58 25.2 23.8 35.8



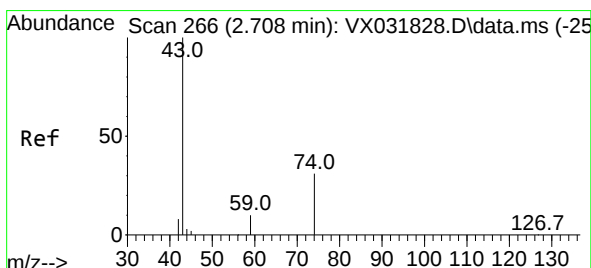
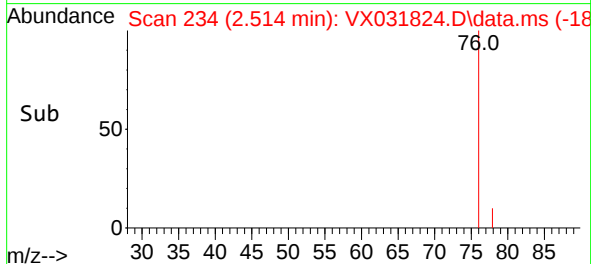
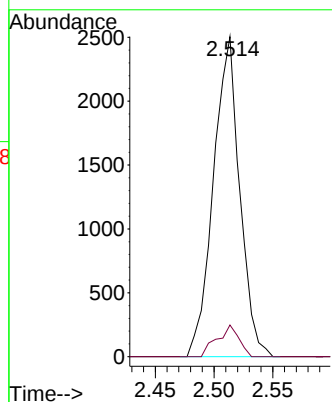


#17  
Carbon Disulfide  
Concen: 1.123 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :

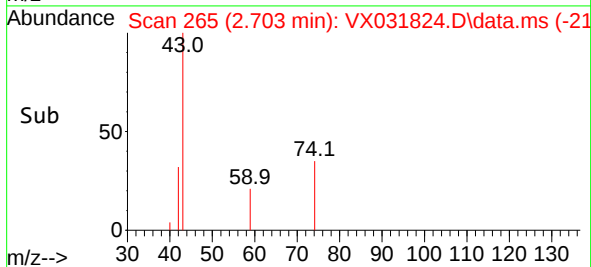
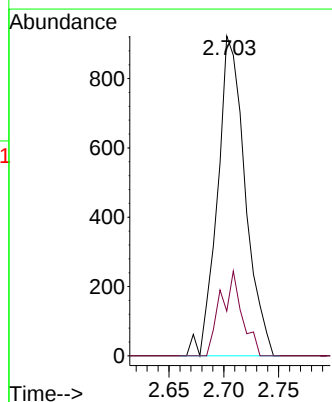
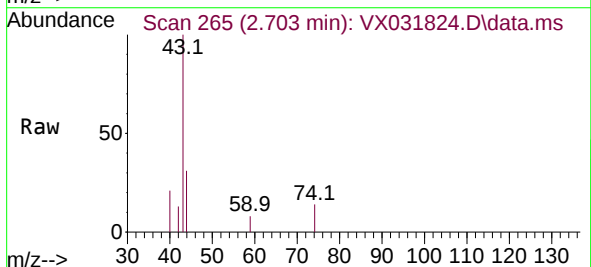


Tgt Ion: 76 Resp: 3904  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 1.024 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 43 Resp: 1622  
Ion Ratio Lower Upper  
43 100  
74 20.4 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 0.912 ug/l

RT: 3.105 min Scan# 331

Delta R.T. -0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

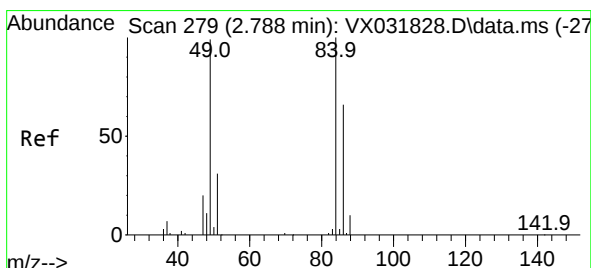
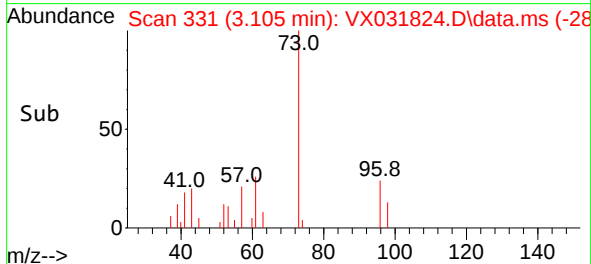
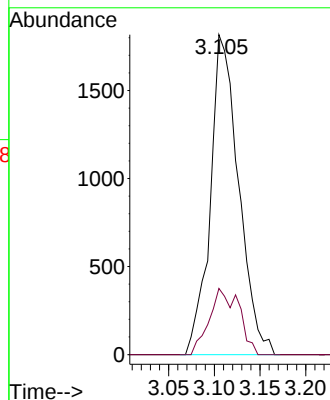
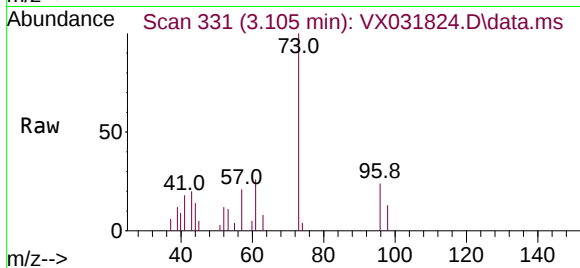
ClientSampleId :

Tgt Ion: 73 Resp: 3918

Ion Ratio Lower Upper

73 100

57 20.7 17.2 25.8



#20

Methylene Chloride

Concen: 0.985 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Tgt Ion: 84 Resp: 1443

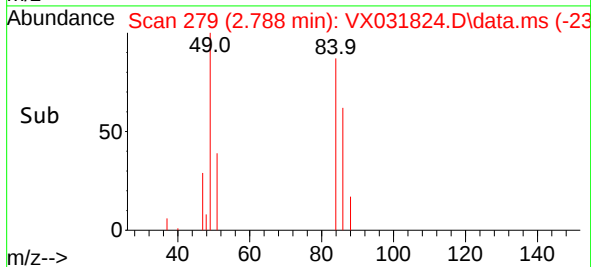
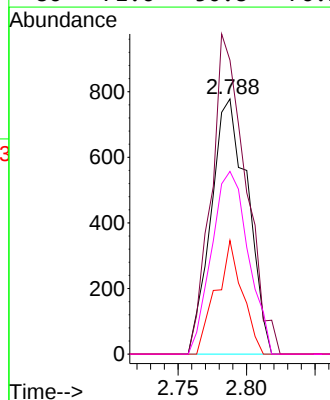
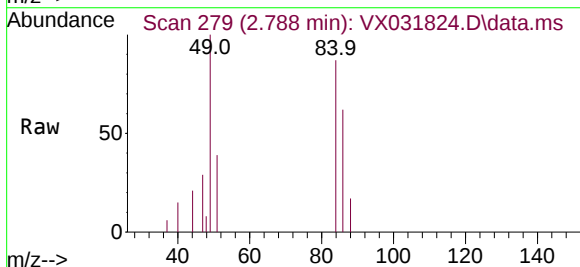
Ion Ratio Lower Upper

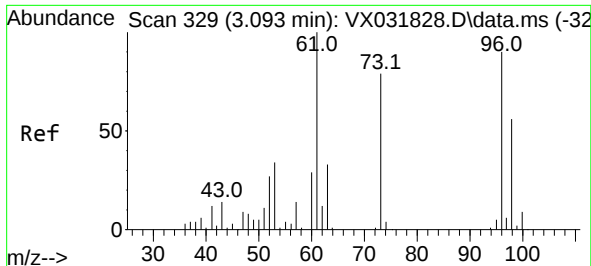
84 100

49 115.2 105.9 158.9

51 44.5 32.2 48.2

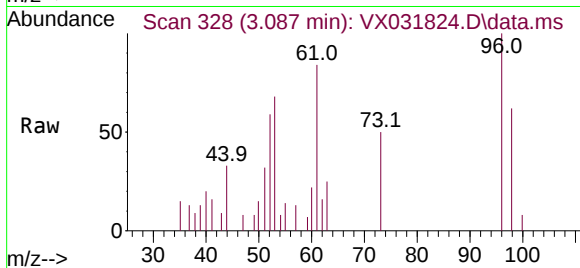
86 71.6 50.8 76.2



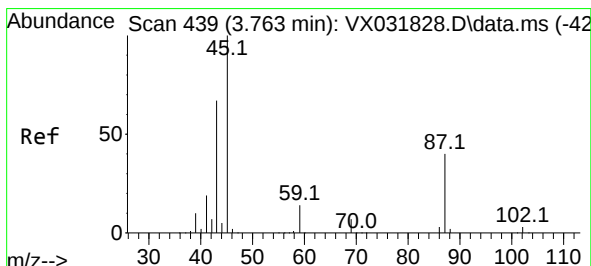
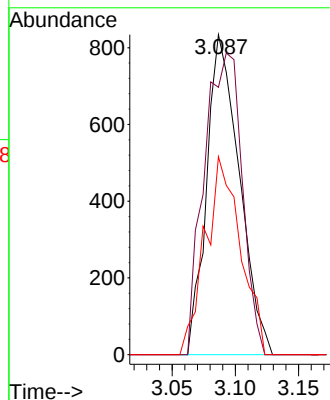
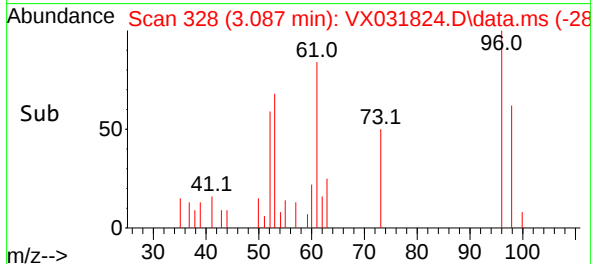


#21  
trans-1,2-Dichloroethene  
Concen: 0.992 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

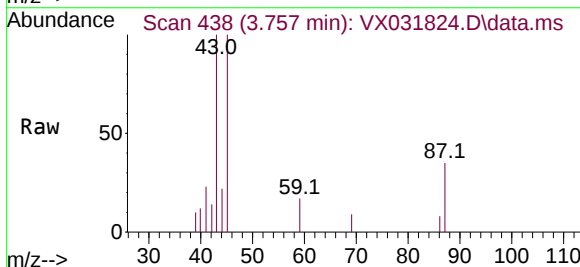
Instrument :  
MSVOA\_X  
ClientSampleId :



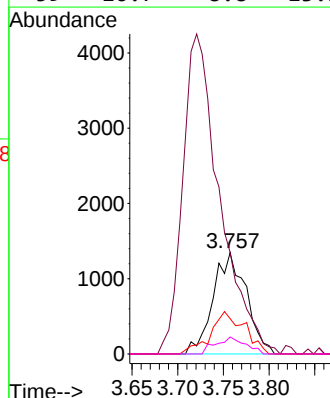
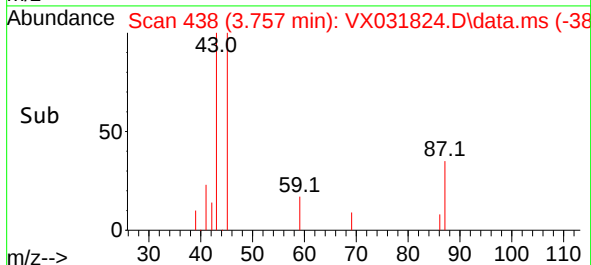
Tgt Ion: 96 Resp: 1501  
Ion Ratio Lower Upper  
96 100  
61 83.6 106.7 160.1#  
98 61.9 48.7 73.1

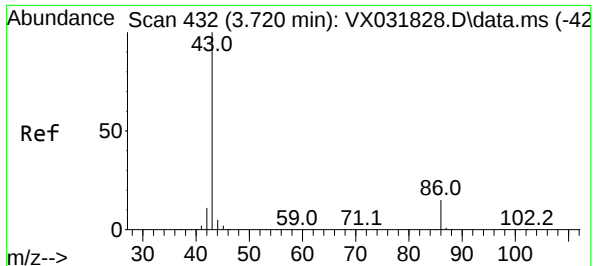


#22  
Diisopropyl ether  
Concen: 0.966 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40



Tgt Ion: 45 Resp: 3395  
Ion Ratio Lower Upper  
45 100  
43 100.4 59.0 88.6#  
87 34.9 22.6 33.8#  
59 16.7 8.8 13.2#

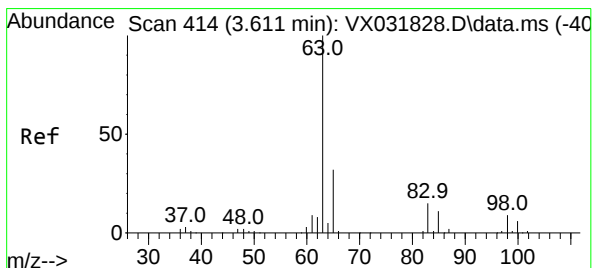
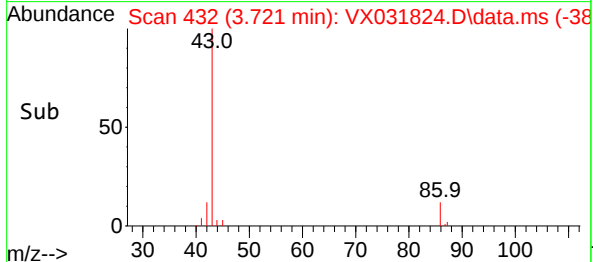
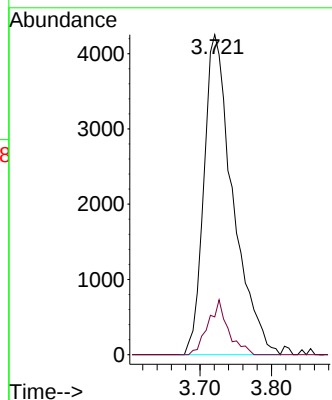
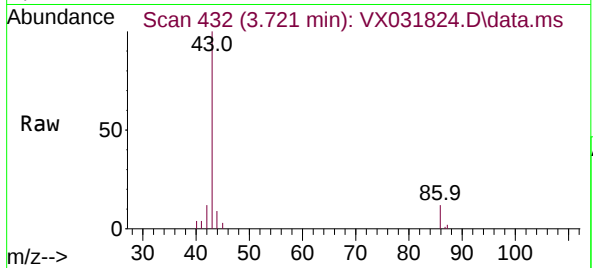




#23  
 Vinyl Acetate  
 Concen: 4.486 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

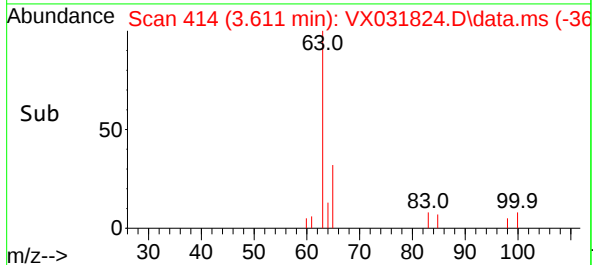
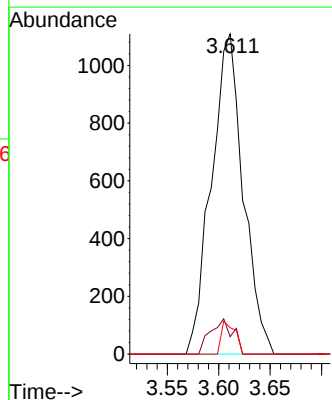
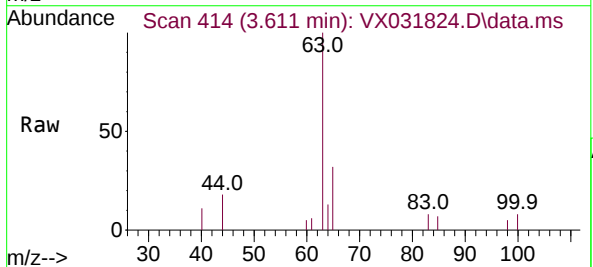
Instrument :  
 MSVOA\_X  
 ClientSampleId :

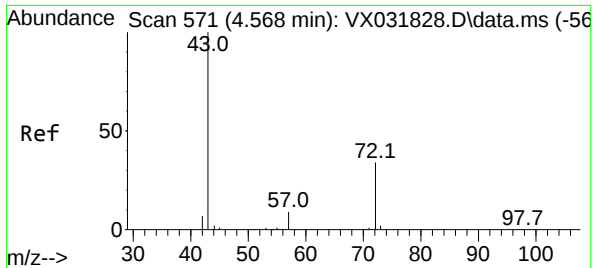
Tgt Ion: 43 Resp: 11964  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 8.7 13.1



#24  
 1,1-Dichloroethane  
 Concen: 1.014 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

Tgt Ion: 63 Resp: 2382  
 Ion Ratio Lower Upper  
 63 100  
 98 5.4 3.5 10.4  
 100 8.2 2.4 7.2#





#25

2-Butanone

Concen: 4.894 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

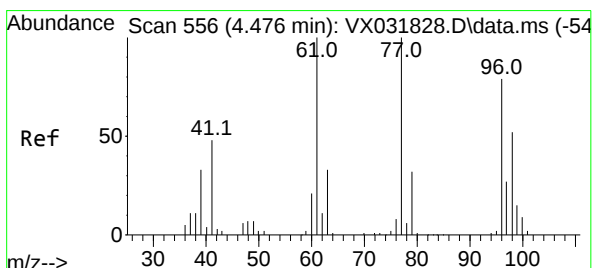
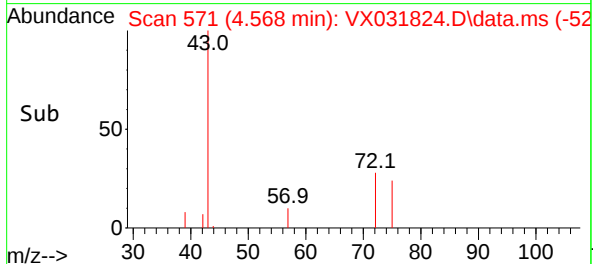
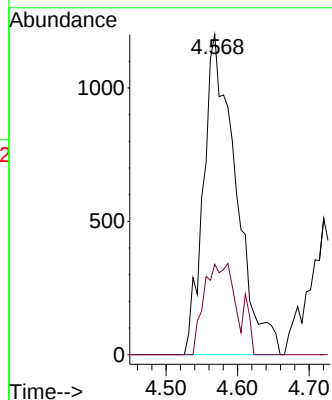
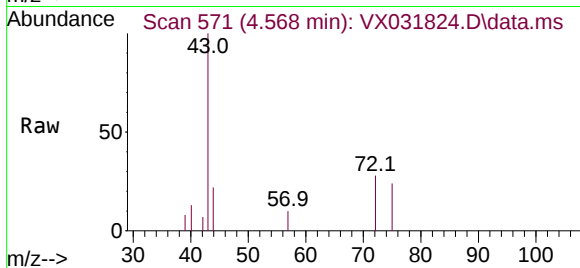
ClientSampleId :

Tgt Ion: 43 Resp: 3772

Ion Ratio Lower Upper

43 100

72 28.3 21.1 31.7



#26

2,2-Dichloropropane

Concen: 0.962 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX031824.D

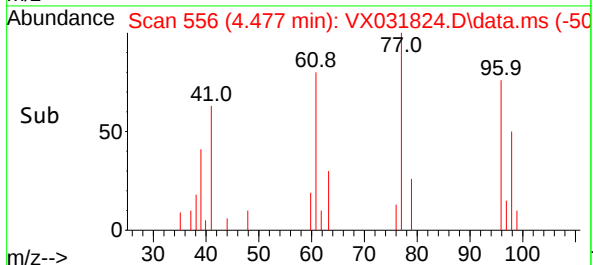
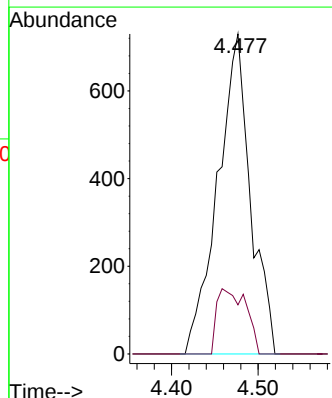
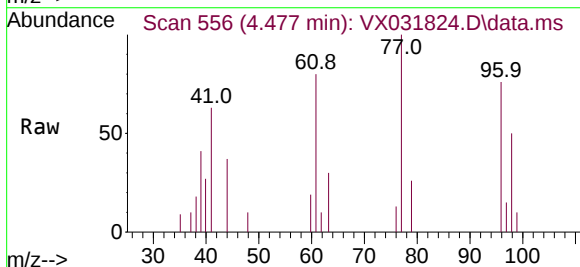
Acq: 03 Oct 2022 09:40

Tgt Ion: 77 Resp: 1916

Ion Ratio Lower Upper

77 100

97 18.1 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 0.955 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

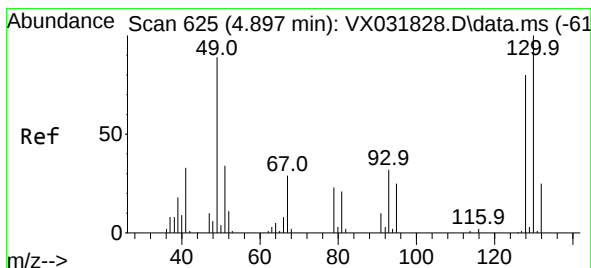
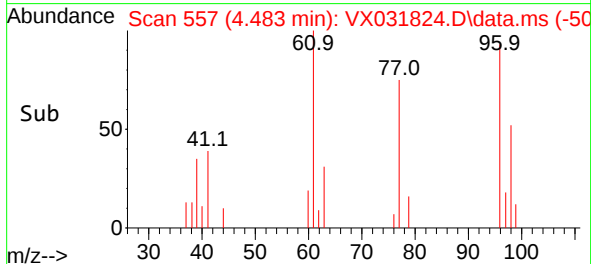
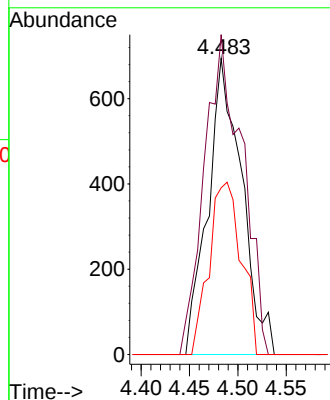
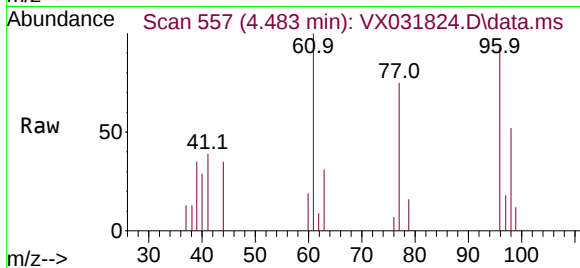
Instrument :

MSVOA\_X

ClientSampleId :

Tgt Ion: 96 Resp: 1693

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 120.6 | 0.0   | 305.2 |
| 98  | 55.3  | 0.0   | 128.4 |



#28

Bromochloromethane

Concen: 0.997 ug/l

RT: 4.903 min Scan# 626

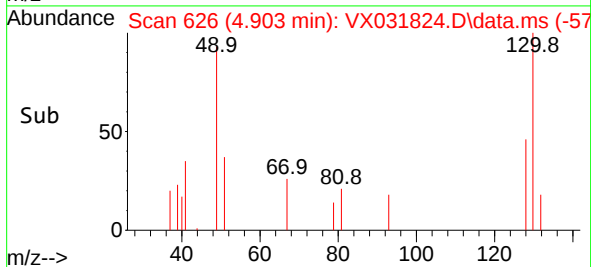
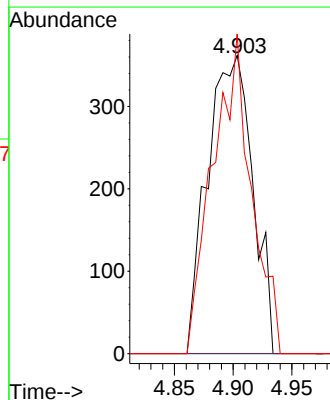
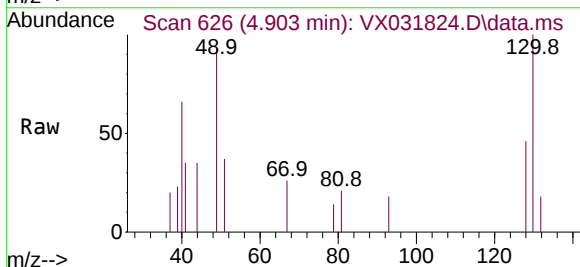
Delta R.T. 0.006 min

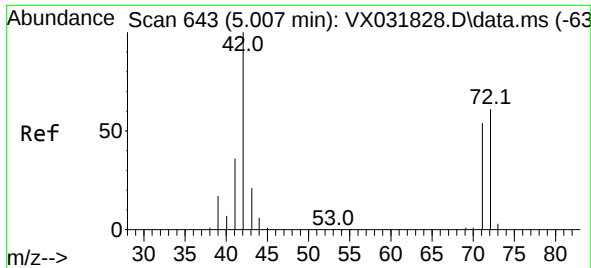
Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Tgt Ion: 49 Resp: 972

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.6   |
| 130 | 90.9  | 59.0  | 88.4# |





#29

Tetrahydrofuran

Concen: 4.474 ug/l

RT: 5.031 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :

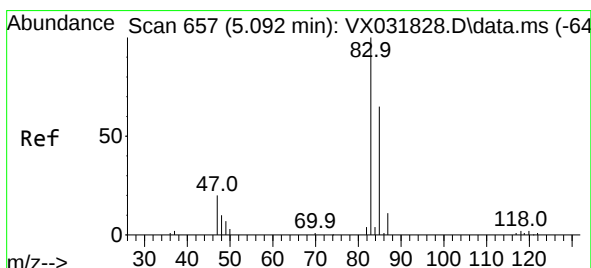
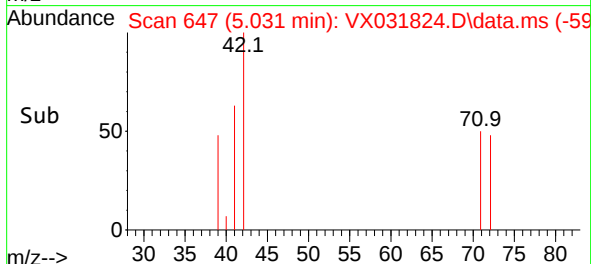
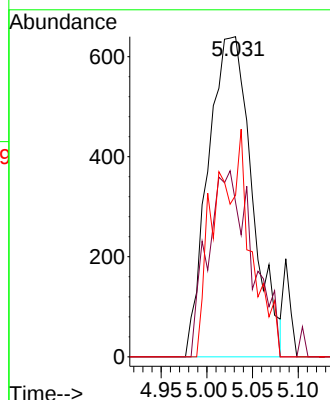
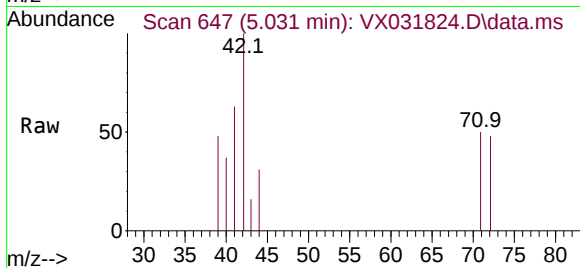
Tgt Ion: 42 Resp: 2139

Ion Ratio Lower Upper

42 100

72 59.2 36.4 54.6#

71 29.2 33.5 50.3#



#30

Chloroform

Concen: 0.899 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX031824.D

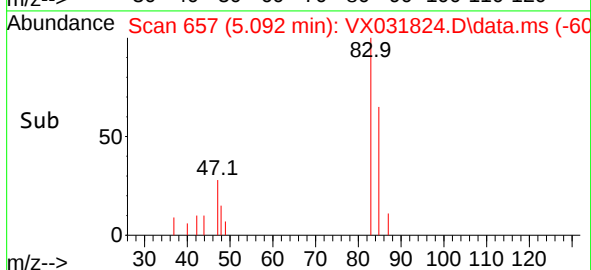
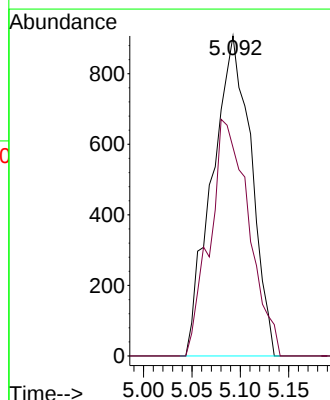
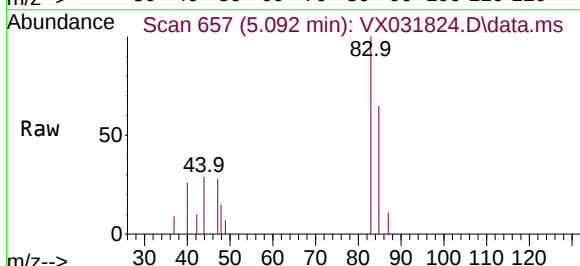
Acq: 03 Oct 2022 09:40

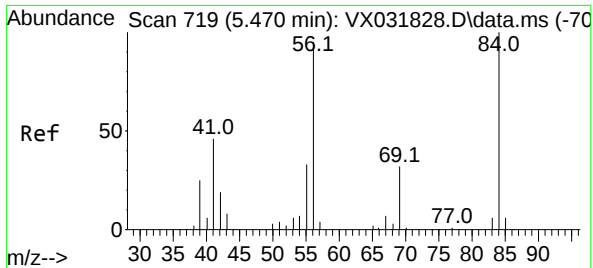
Tgt Ion: 83 Resp: 2538

Ion Ratio Lower Upper

83 100

85 65.2 52.8 79.2

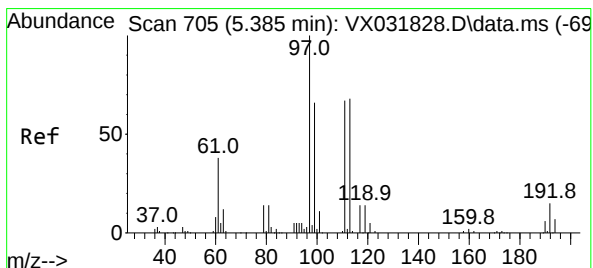
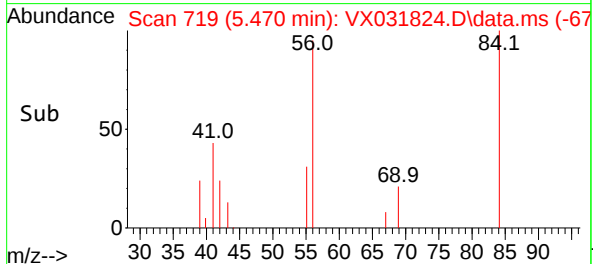
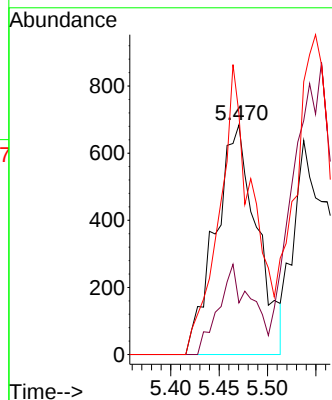
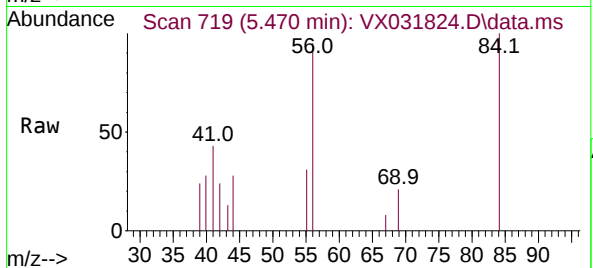




#31  
Cyclohexane  
Concen: 1.079 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

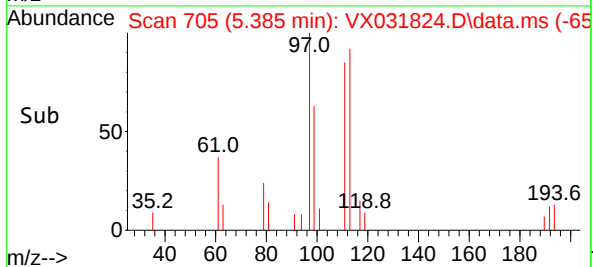
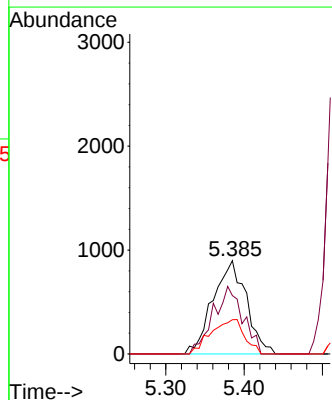
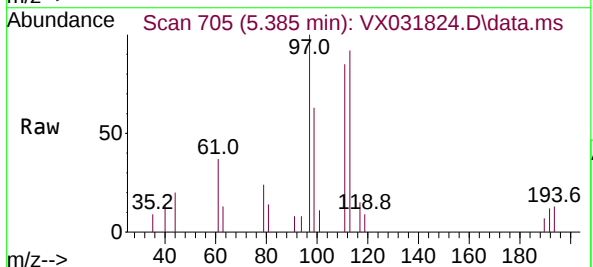
Instrument :  
MSVOA\_X  
ClientSampleId :

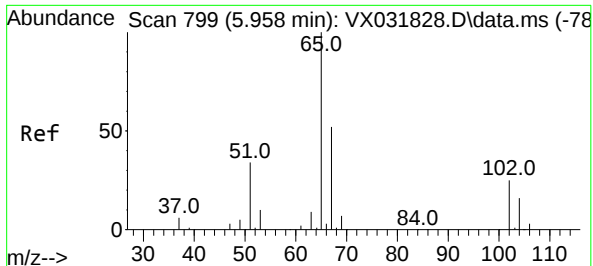
Tgt Ion: 56 Resp: 2035  
Ion Ratio Lower Upper  
56 100  
69 22.5 25.1 37.7#  
84 105.0 70.2 105.4



#32  
1,1,1-Trichloroethane  
Concen: 1.015 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 97 Resp: 2665  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.3 76.9  
61 37.0 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 1.467 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

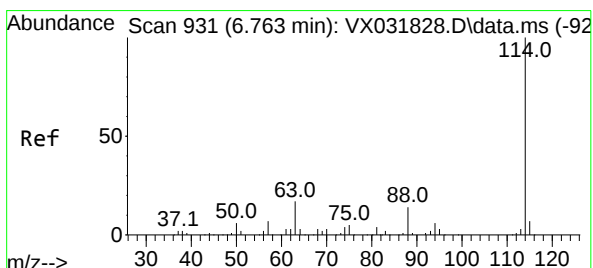
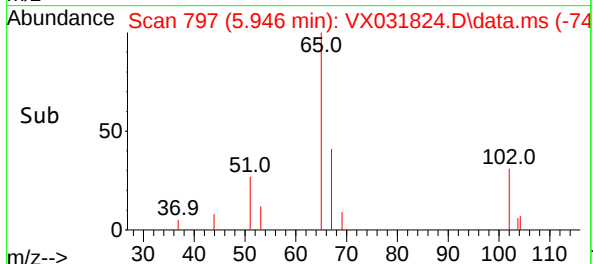
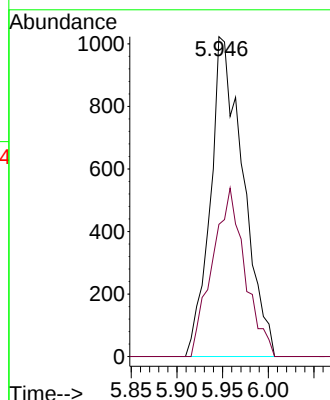
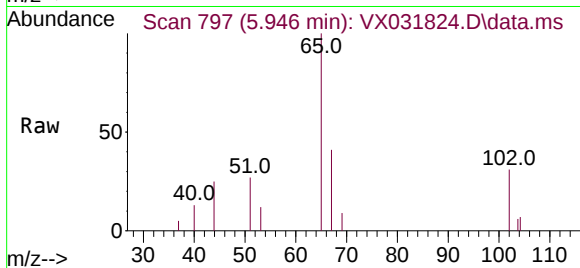
ClientSampleId :

Tgt Ion: 65 Resp: 2550

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

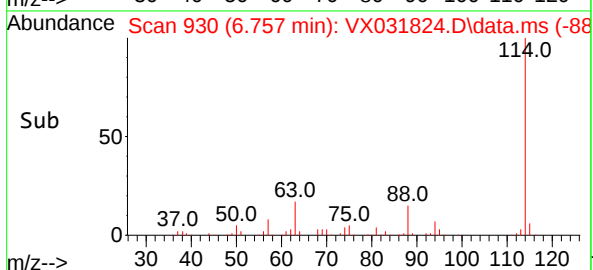
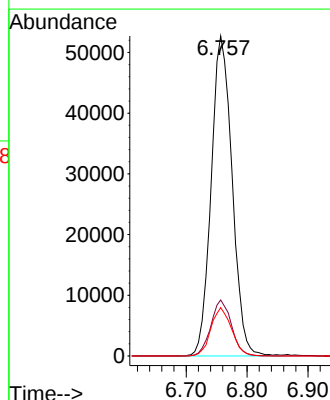
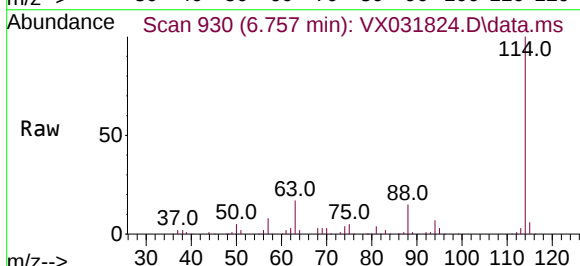
Tgt Ion: 114 Resp: 126008

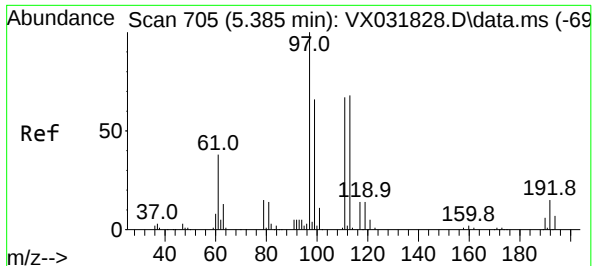
Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.6

88 15.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 1.161 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

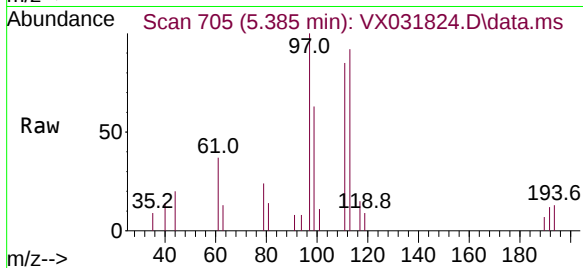
Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :



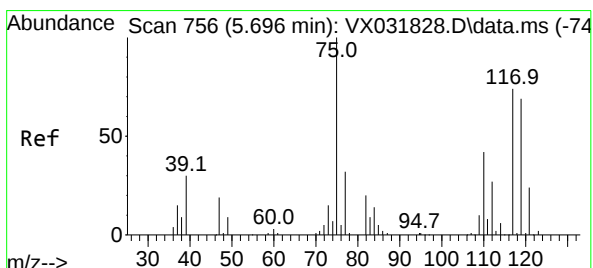
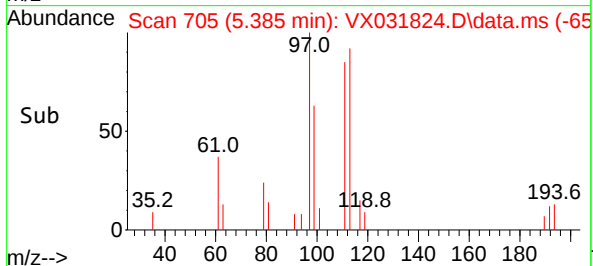
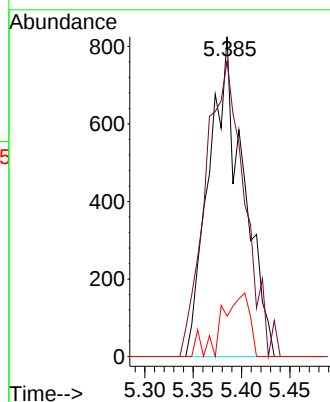
Tgt Ion:113 Resp: 2043

Ion Ratio Lower Upper

113 100

111 104.9 82.4 123.6

192 15.0 14.1 21.1



#36

1,1-Dichloropropene

Concen: 0.944 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

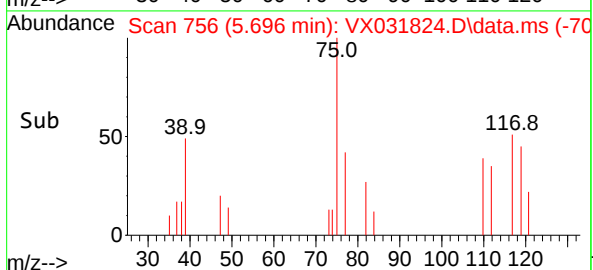
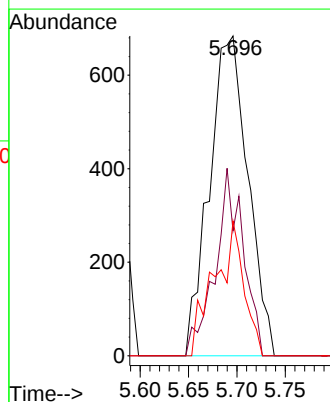
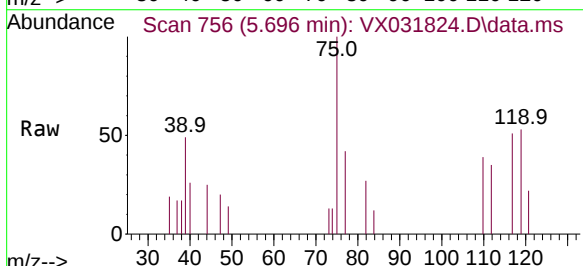
Tgt Ion: 75 Resp: 1901

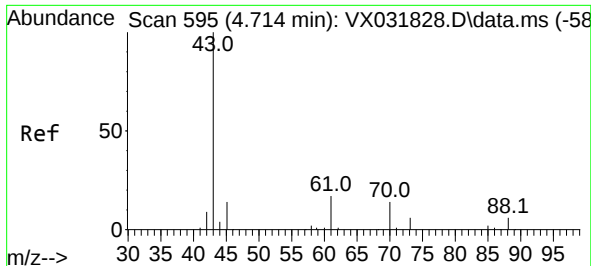
Ion Ratio Lower Upper

75 100

110 42.2 17.5 52.5

77 32.2 24.9 37.3





#37

Ethyl Acetate

Concen: 0.942 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

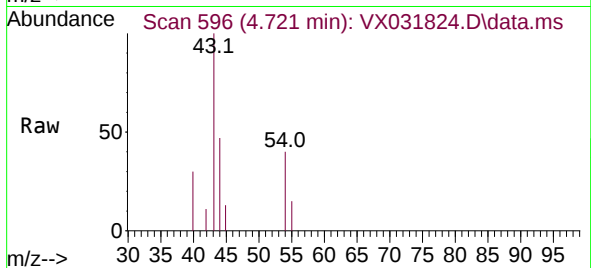
Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

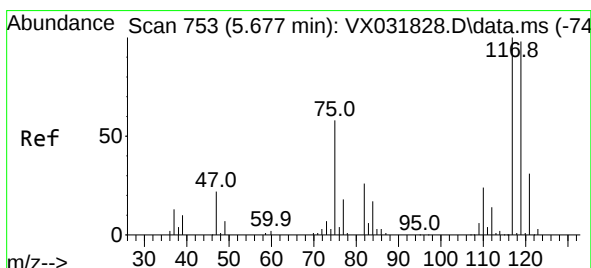
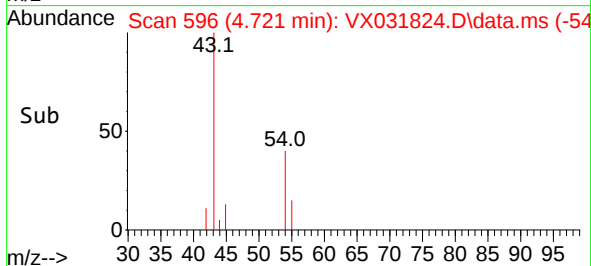
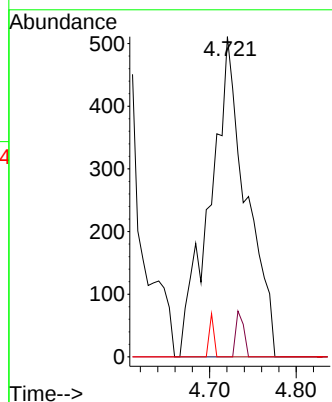
Instrument :

MSVOA\_X

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 1487     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 0.0 11.1 16.7# |
| 70          | 1.7 8.6 13.0#  |



#38

Carbon Tetrachloride

Concen: 0.964 ug/l

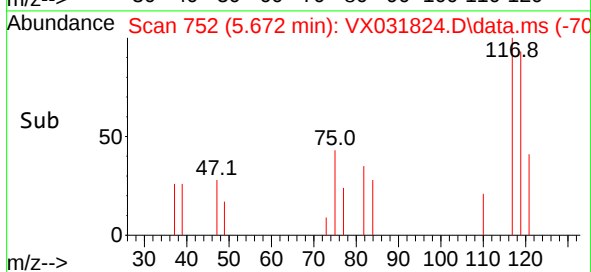
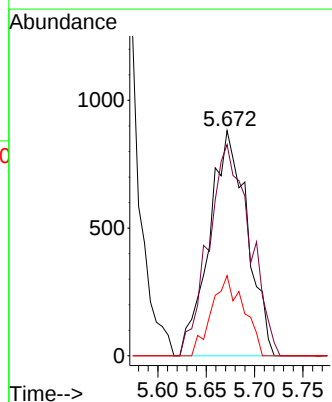
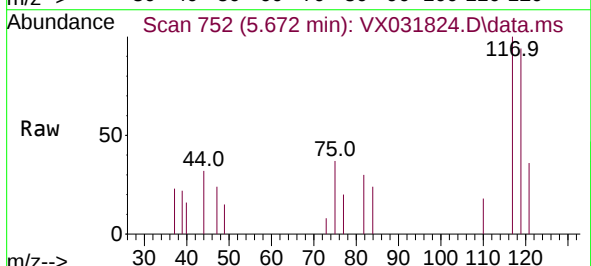
RT: 5.672 min Scan# 752

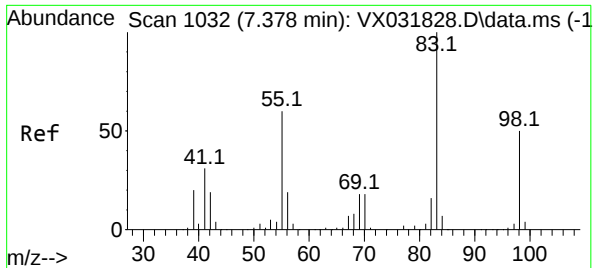
Delta R.T. -0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 2411      |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 93.9 74.6 112.0 |
| 121          | 35.6 25.3 37.9  |





#39

Methylcyclohexane

Concen: 0.939 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :

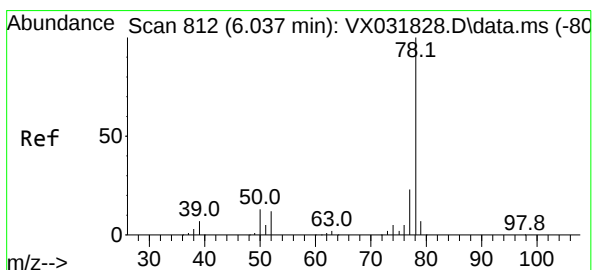
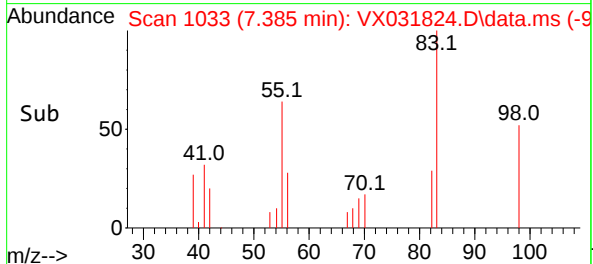
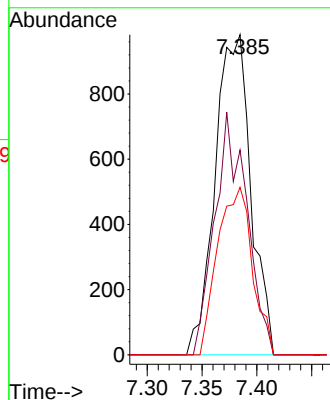
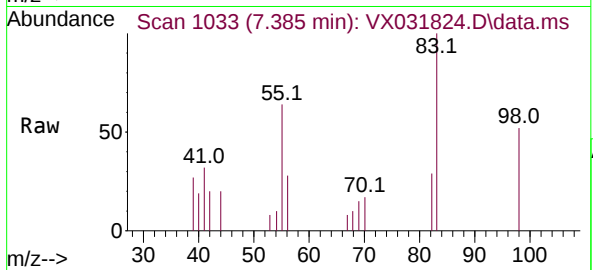
Tgt Ion: 83 Resp: 2226

Ion Ratio Lower Upper

83 100

55 64.0 61.0 91.4

98 52.3 37.7 56.5



#40

Benzene

Concen: 0.913 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX031824.D

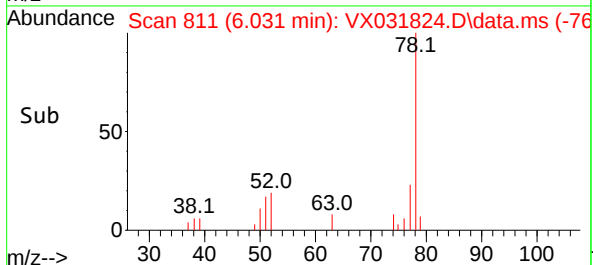
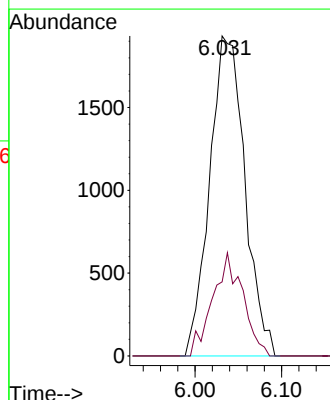
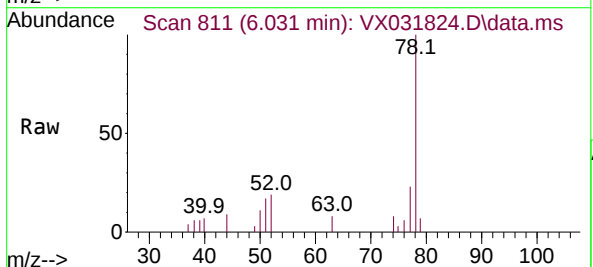
Acq: 03 Oct 2022 09:40

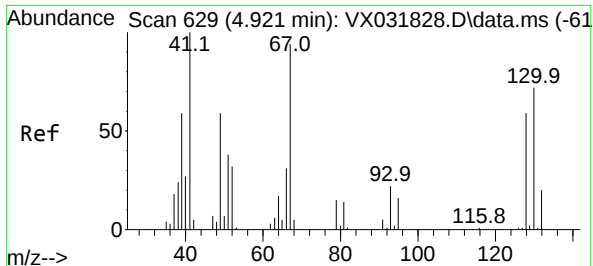
Tgt Ion: 78 Resp: 5448

Ion Ratio Lower Upper

78 100

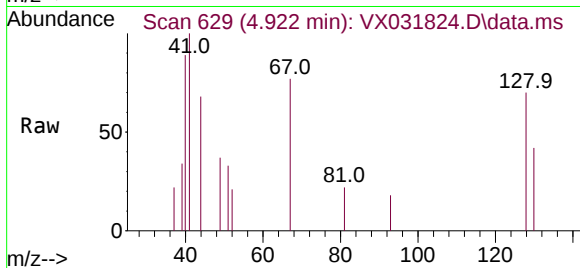
77 23.1 18.7 28.1



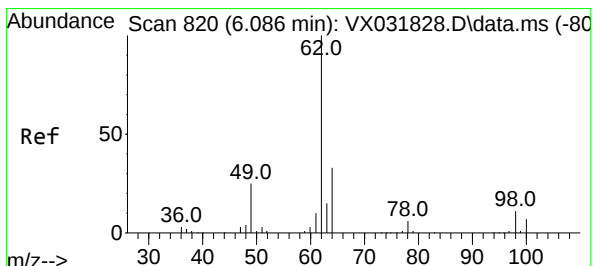
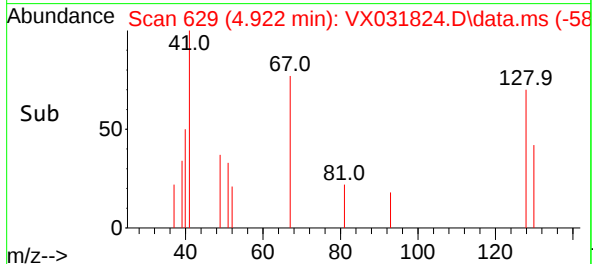
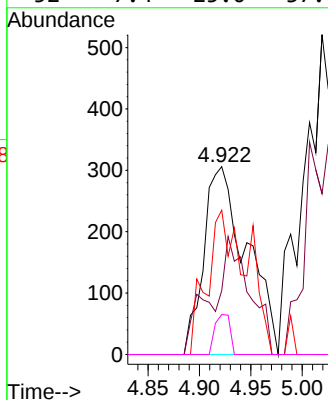


#41  
Methacrylonitrile  
Concen: 1.037 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :

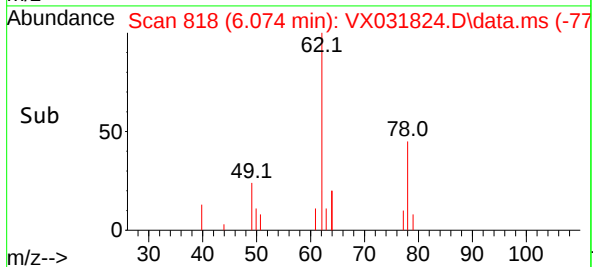
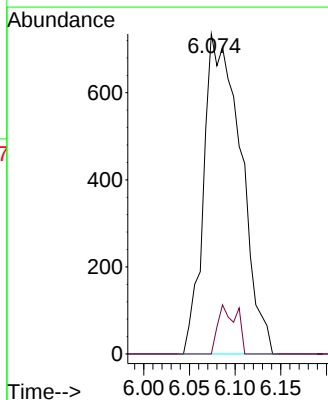
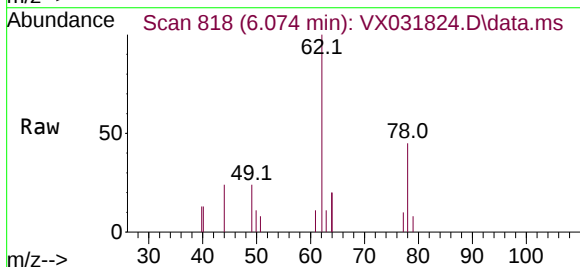


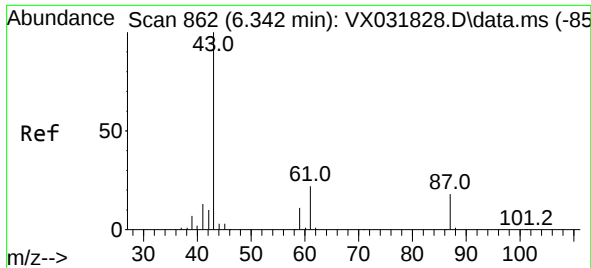
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 890   |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 39.2     | 45.0 67.6#  |
| 67 57.2     | 58.2 87.4#  |
| 52 7.4      | 25.0 37.6#  |



#42  
1,2-Dichloroethane  
Concen: 0.986 ug/l  
RT: 6.074 min Scan# 818  
Delta R.T. -0.012 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

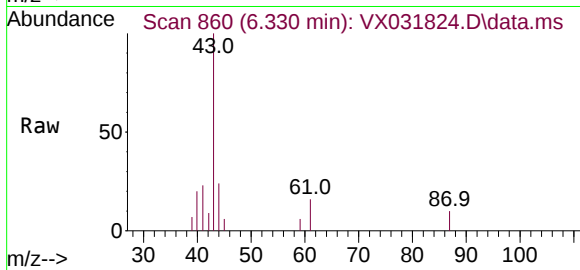
|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 62 | Resp: 2071 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 62 100      |            |       |  |
| 98 7.8      | 0.0        | 17.8  |  |



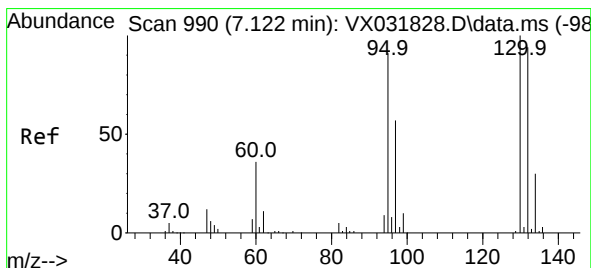
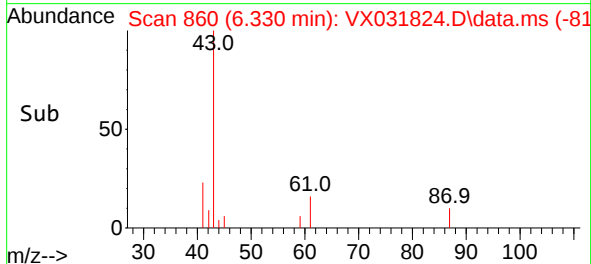
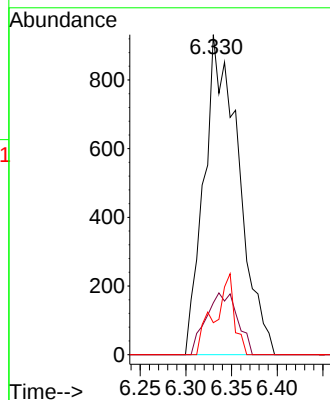


#43  
Isopropyl Acetate  
Concen: 0.953 ug/l  
RT: 6.330 min Scan# 860  
Delta R.T. -0.012 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :

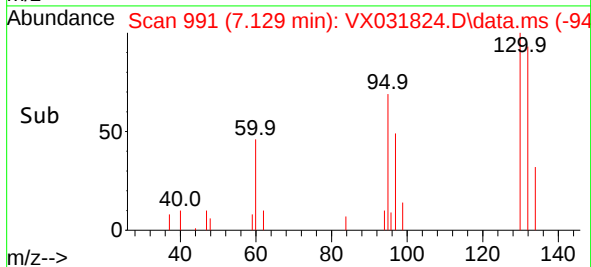
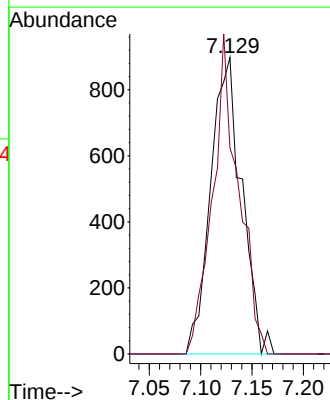
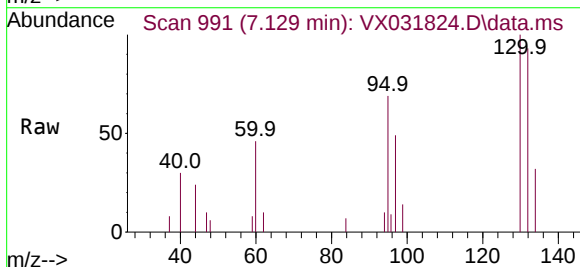


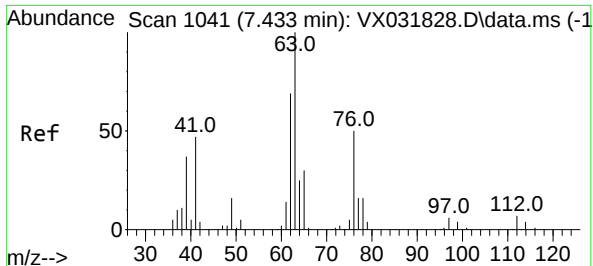
Tgt Ion: 43 Resp: 2456  
Ion Ratio Lower Upper  
43 100  
61 17.5 15.3 22.9  
87 14.3 10.6 15.8



#44  
Trichloroethene  
Concen: 0.985 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:130 Resp: 1892  
Ion Ratio Lower Upper  
130 100  
95 69.5 0.0 206.8





#45

1,2-Dichloropropane

Concen: 0.965 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

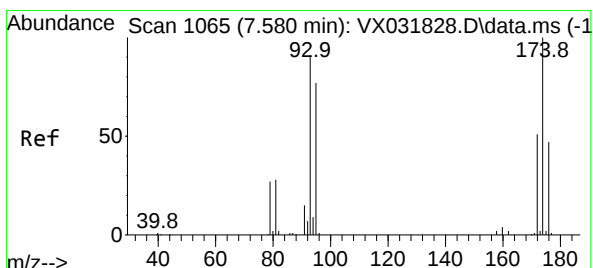
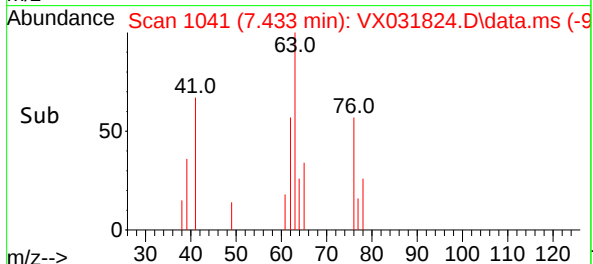
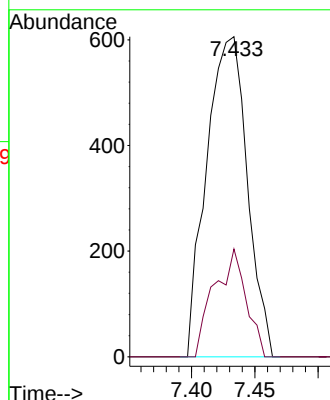
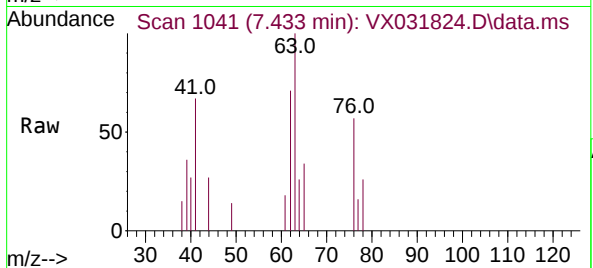
ClientSampleId :

Tgt Ion: 63 Resp: 1356

Ion Ratio Lower Upper

63 100

65 33.7 26.6 39.8



#46

Dibromomethane

Concen: 0.877 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

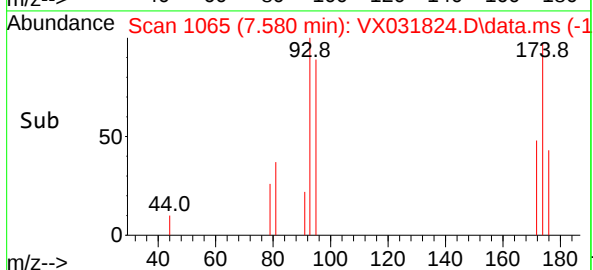
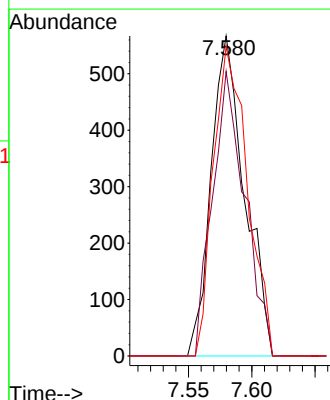
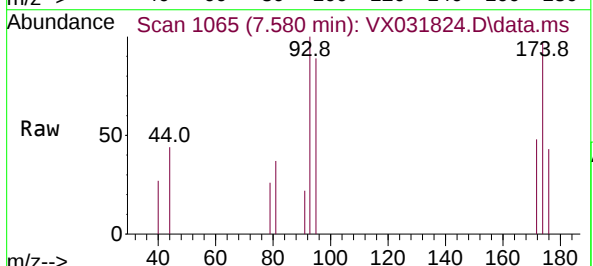
Tgt Ion: 93 Resp: 1042

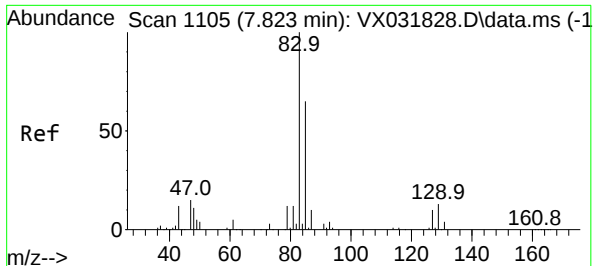
Ion Ratio Lower Upper

93 100

95 86.3 65.5 98.3

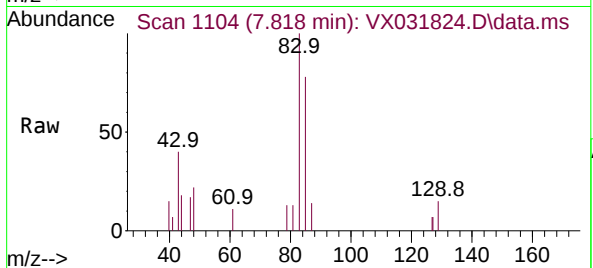
174 98.8 67.6 101.4



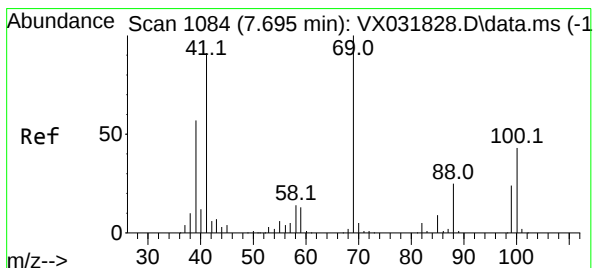
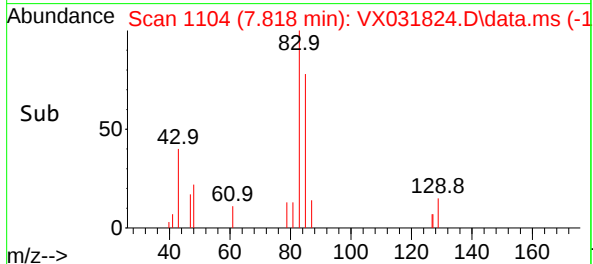
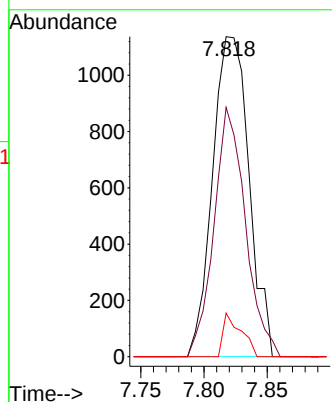


#47  
Bromodichloromethane  
Concen: 0.967 ug/l  
RT: 7.818 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :

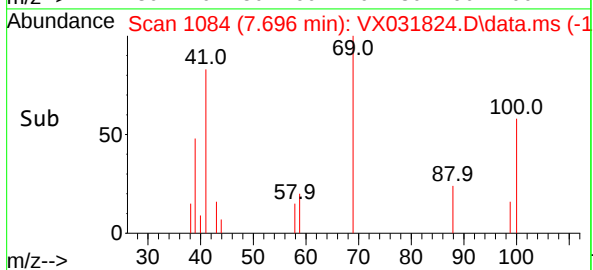
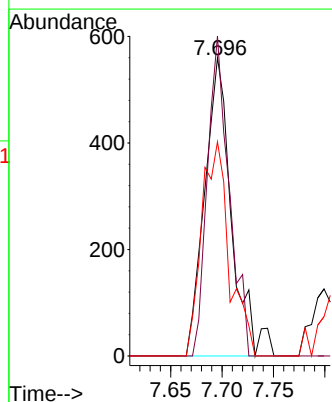
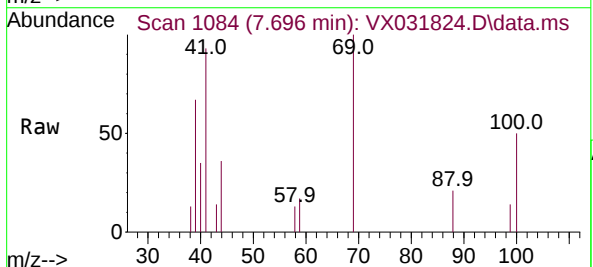


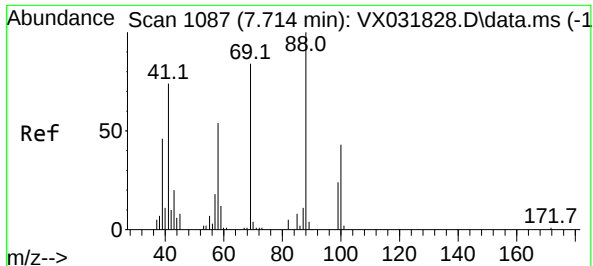
Tgt Ion: 83 Resp: 2279  
Ion Ratio Lower Upper  
83 100  
85 77.9 51.0 76.6#  
127 13.6 7.0 10.6#



#48  
Methyl methacrylate  
Concen: 0.889 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 41 Resp: 1025  
Ion Ratio Lower Upper  
41 100  
69 86.0 64.6 96.8  
39 73.1 51.4 77.0





#49

1,4-Dioxane

Concen: 16.829 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. -0.000 min

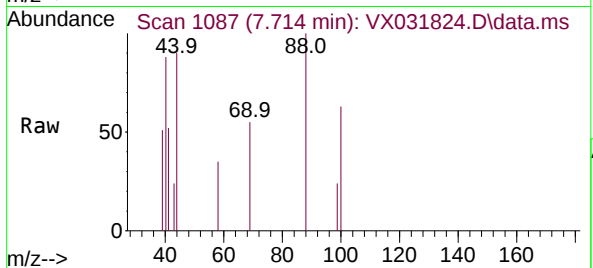
Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :



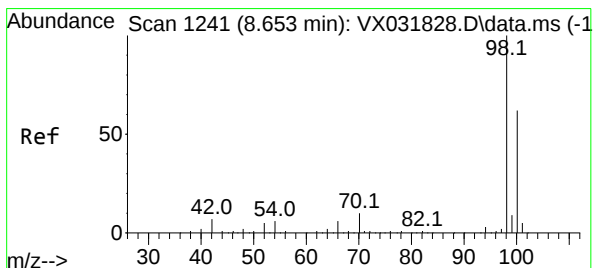
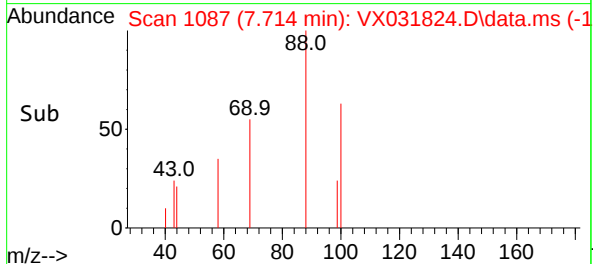
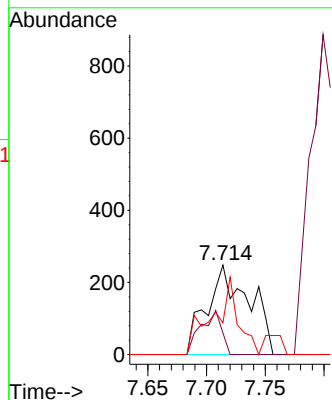
Tgt Ion: 88 Resp: 621

Ion Ratio Lower Upper

88 100

43 24.0 27.1 40.7#

58 52.5 53.9 80.9#



#50

Toluene-d8

Concen: 1.109 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031824.D

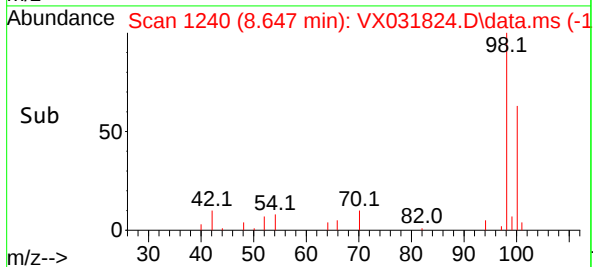
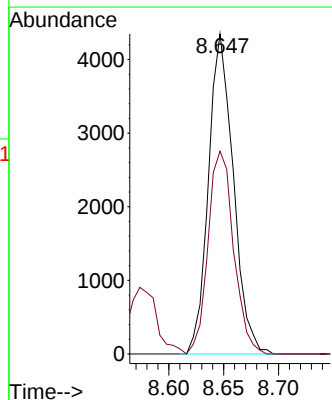
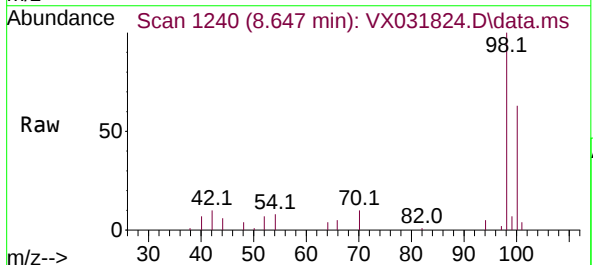
Acq: 03 Oct 2022 09:40

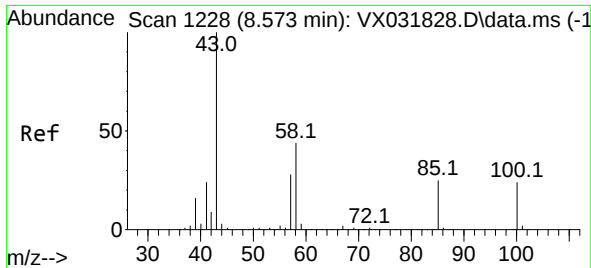
Tgt Ion: 98 Resp: 6866

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7

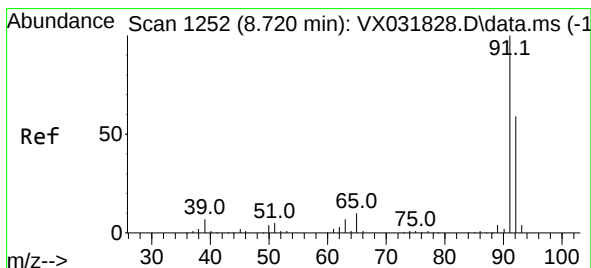
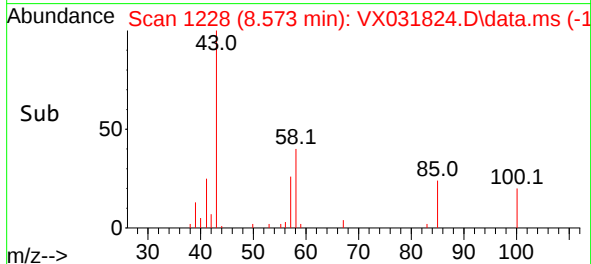
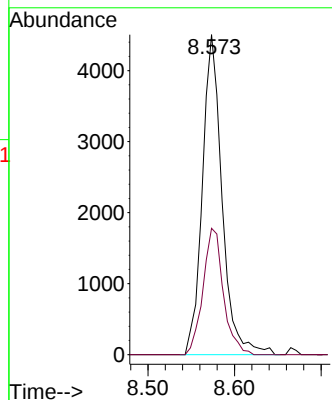
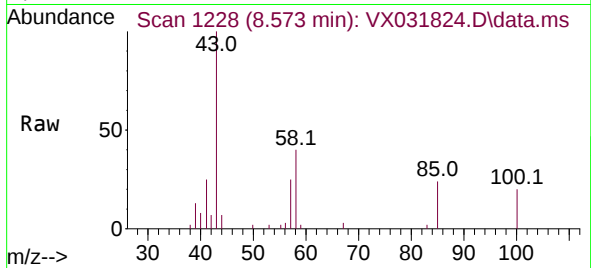




#51  
4-Methyl-2-Pentanone  
Concen: 4.440 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

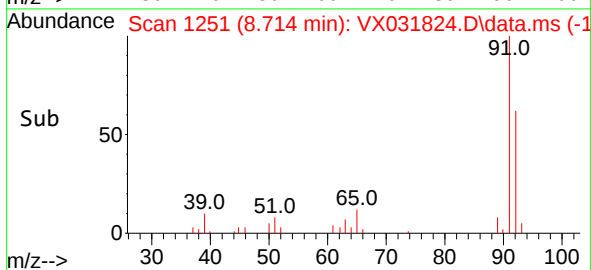
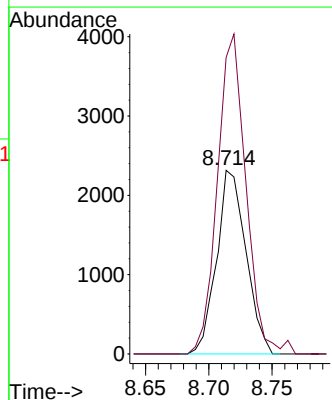
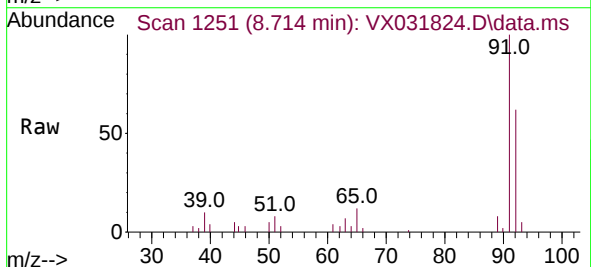
Instrument :  
MSVOA\_X  
ClientSampleId :

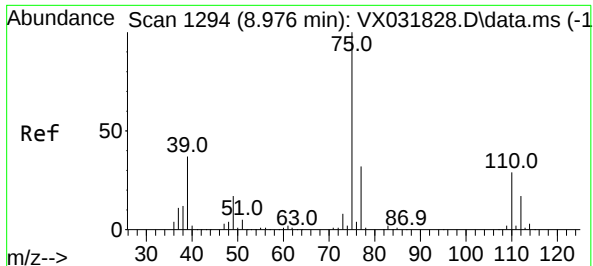
Tgt Ion: 43 Resp: 7131  
Ion Ratio Lower Upper  
43 100  
58 40.8 30.6 46.0



#52  
Toluene  
Concen: 0.896 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 92 Resp: 3741  
Ion Ratio Lower Upper  
92 100  
91 169.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 0.889 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

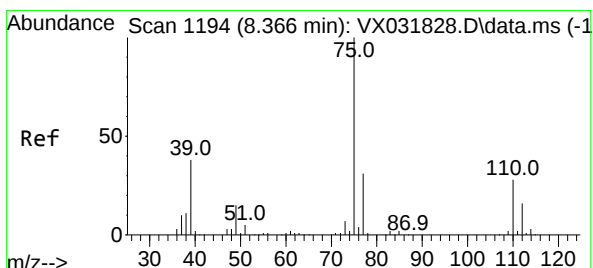
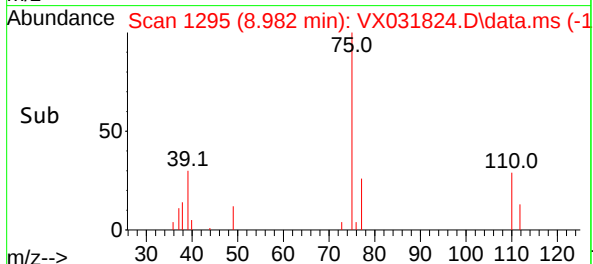
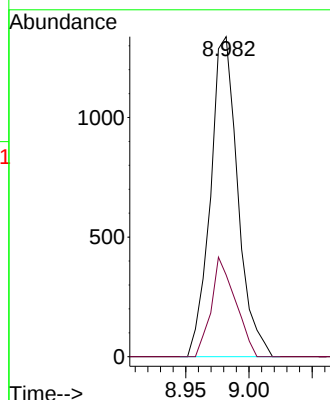
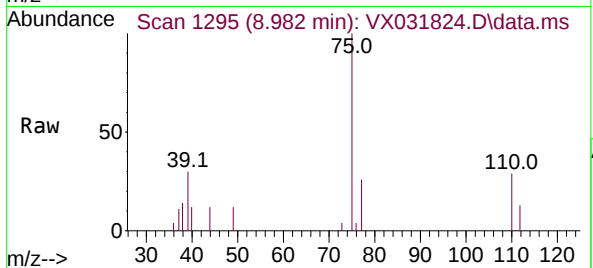
ClientSampleId :

Tgt Ion: 75 Resp: 2013

Ion Ratio Lower Upper

75 100

77 25.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 0.883 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

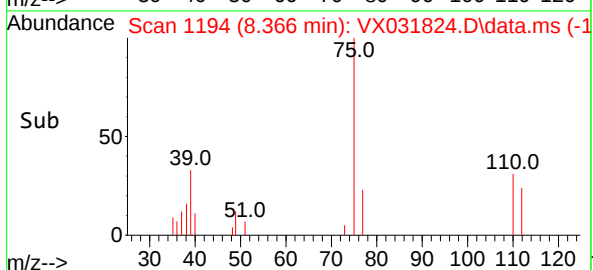
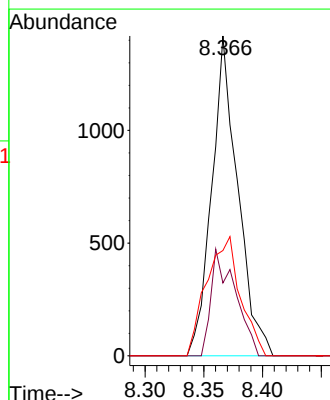
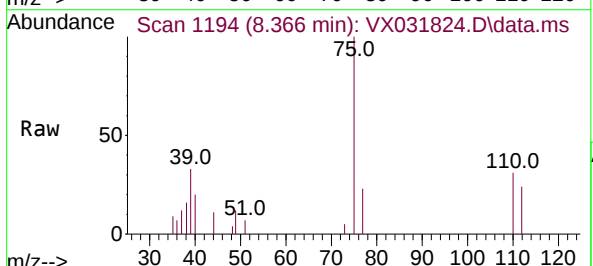
Tgt Ion: 75 Resp: 2189

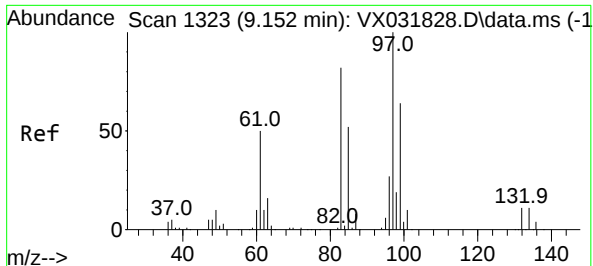
Ion Ratio Lower Upper

75 100

77 22.8 24.4 36.6#

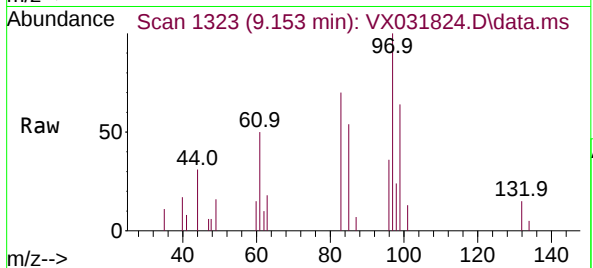
39 32.9 43.7 65.5#



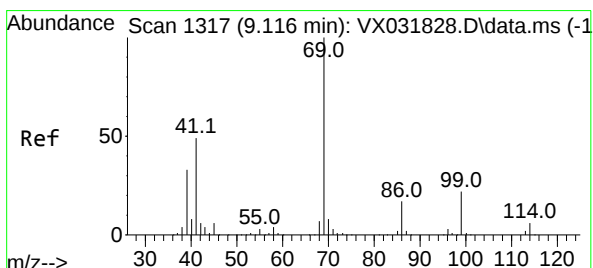
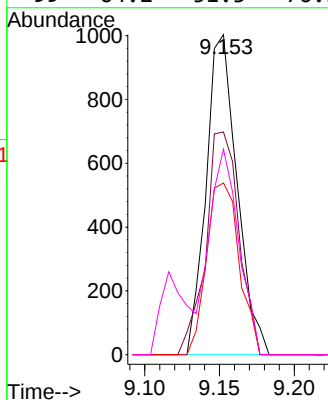
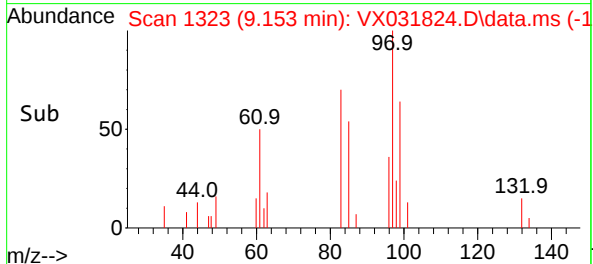


#55  
 1,1,2-Trichloroethane  
 Concen: 0.851 ug/l  
 RT: 9.153 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

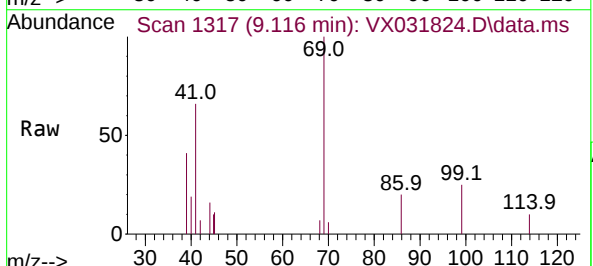
Instrument :  
 MSVOA\_X  
 ClientSampleId :



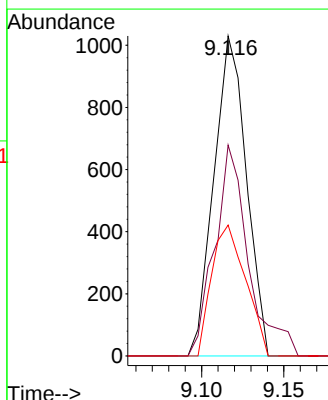
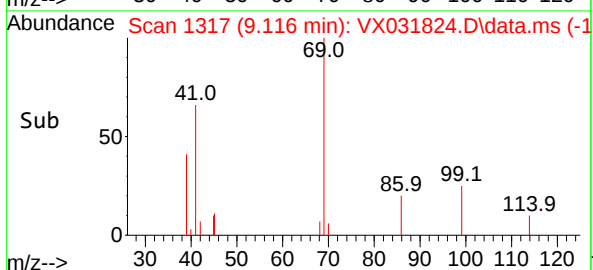
| Tgt Ion: | 97    | Resp: | 1443  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 69.6  | 69.0  | 103.6 |
| 85       | 53.6  | 44.1  | 66.1  |
| 99       | 64.2  | 51.3  | 76.9  |

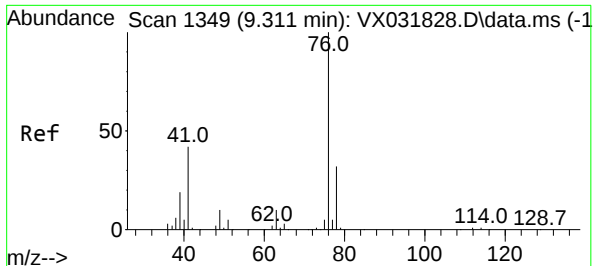


#56  
 Ethyl methacrylate  
 Concen: 0.710 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40



| Tgt Ion: | 69    | Resp: | 1414  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 68.7  | 54.2  | 81.4  |
| 39       | 42.9  | 34.2  | 51.2  |





#57

1,3-Dichloropropane

Concen: 0.881 ug/l

RT: 9.311 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

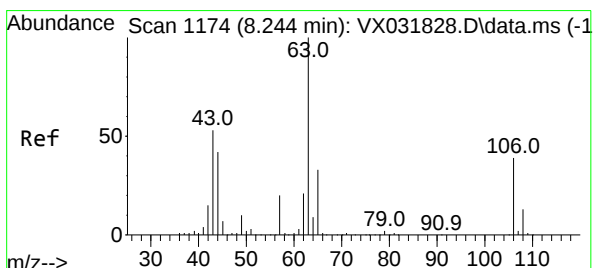
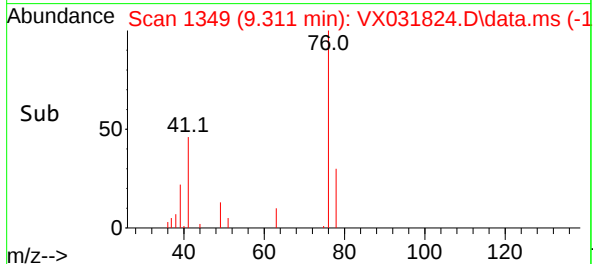
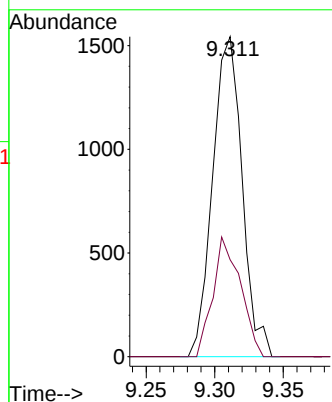
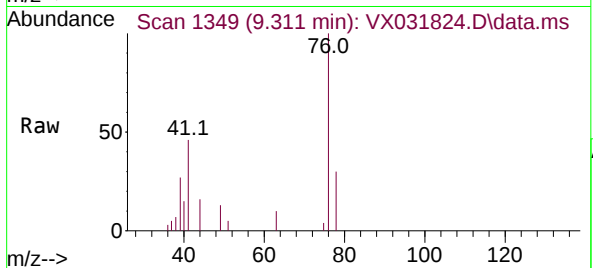
ClientSampleId :

Tgt Ion: 76 Resp: 2305

Ion Ratio Lower Upper

76 100

78 35.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 4.372 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX031824.D

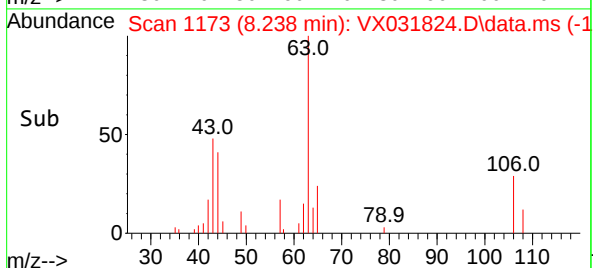
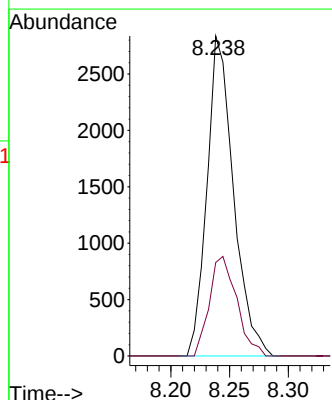
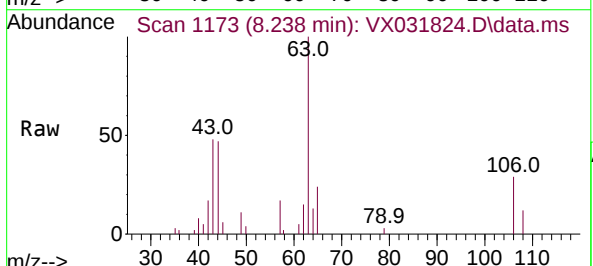
Acq: 03 Oct 2022 09:40

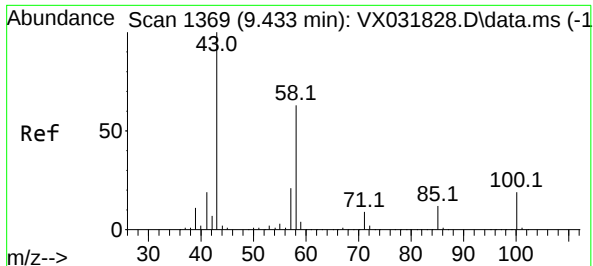
Tgt Ion: 63 Resp: 4459

Ion Ratio Lower Upper

63 100

106 32.0 22.6 34.0





#59

2-Hexanone

Concen: 4.096 ug/l

RT: 9.433 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

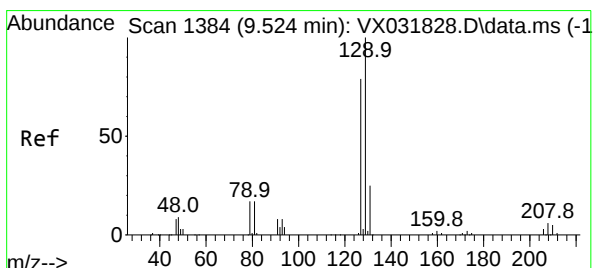
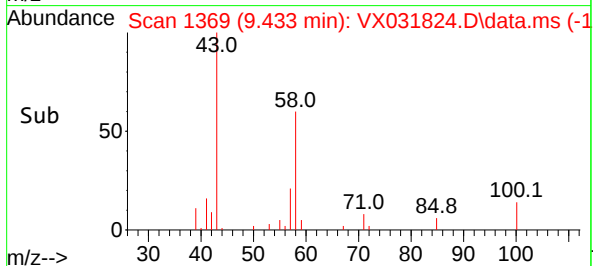
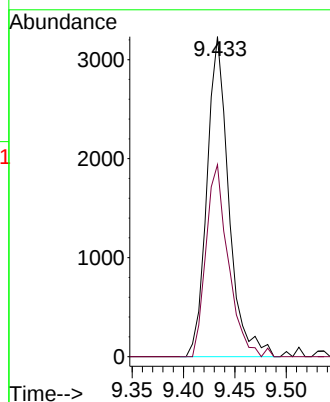
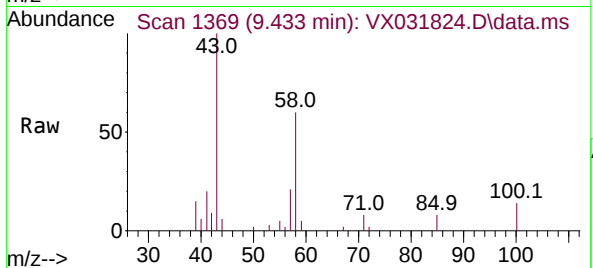
ClientSampleId :

Tgt Ion: 43 Resp: 4785

Ion Ratio Lower Upper

43 100

58 61.3 26.7 80.0



#60

Dibromochloromethane

Concen: 0.836 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX031824.D

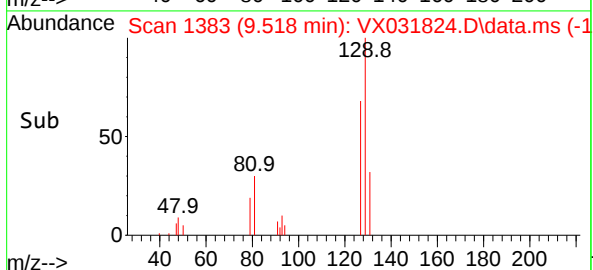
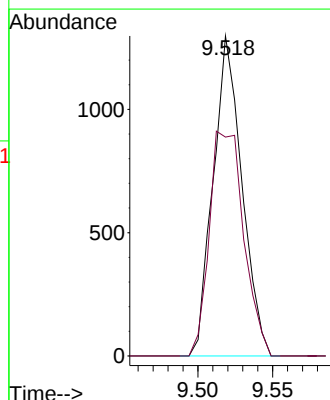
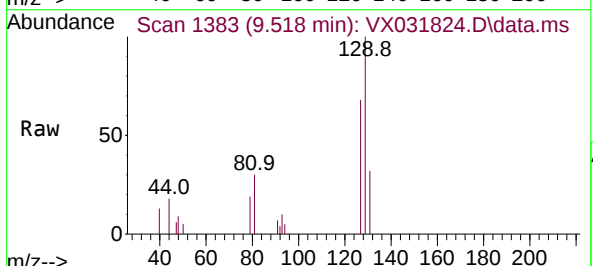
Acq: 03 Oct 2022 09:40

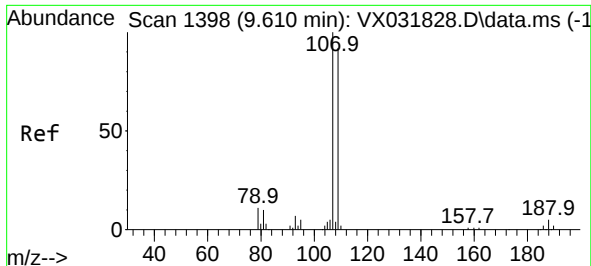
Tgt Ion: 129 Resp: 1739

Ion Ratio Lower Upper

129 100

127 83.7 38.7 116.1





#61

1,2-Dibromoethane

Concen: 0.885 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

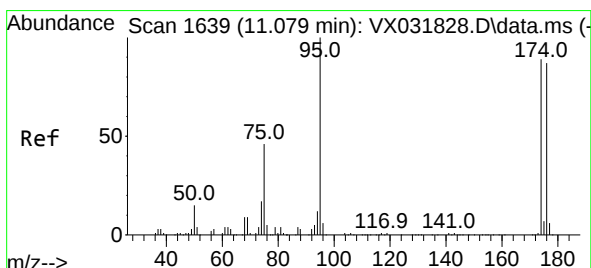
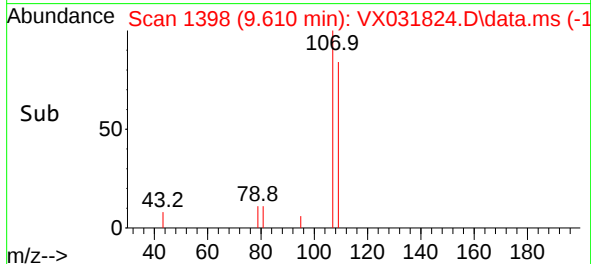
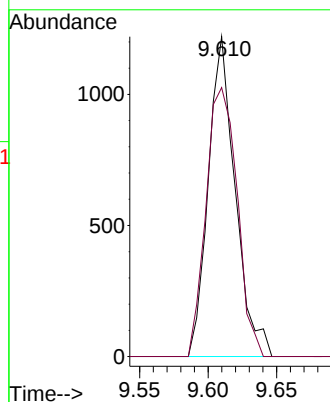
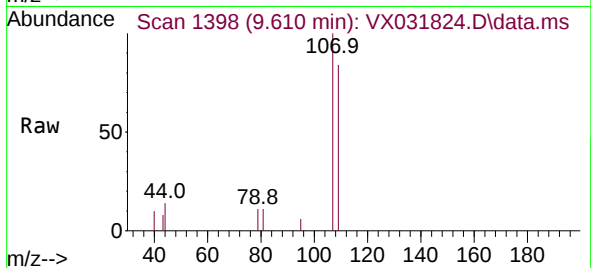
ClientSampleId :

Tgt Ion:107 Resp: 1670

Ion Ratio Lower Upper

107 100

109 97.0 74.2 111.4



#62

4-Bromofluorobenzene

Concen: 0.989 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

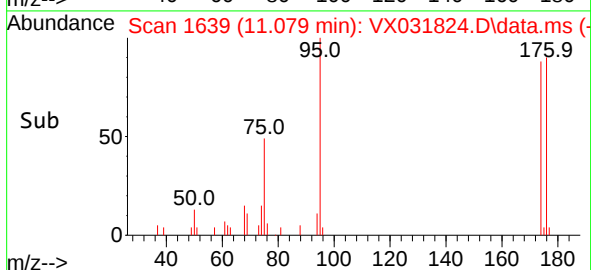
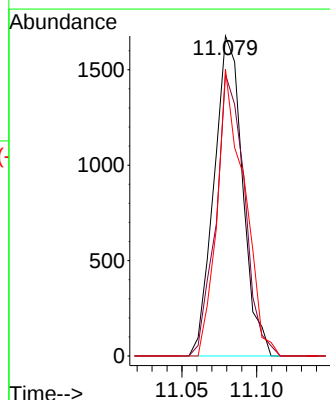
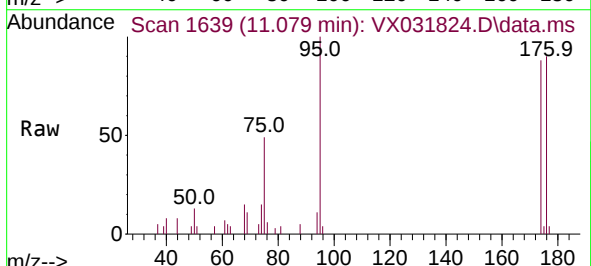
Tgt Ion: 95 Resp: 2228

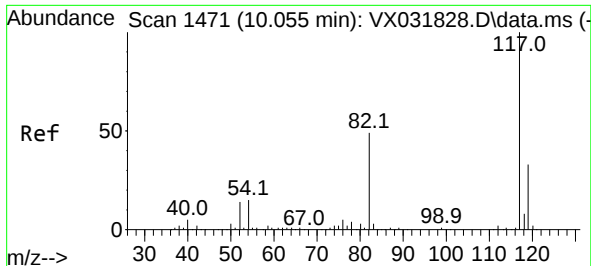
Ion Ratio Lower Upper

95 100

174 88.0 0.0 153.2

176 85.4 0.0 144.0

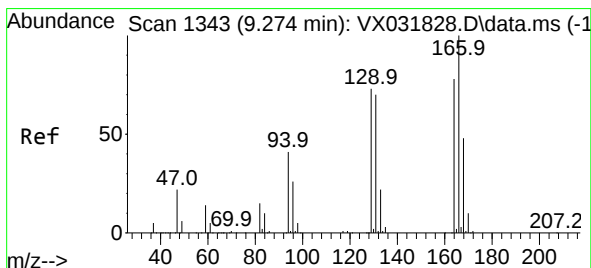
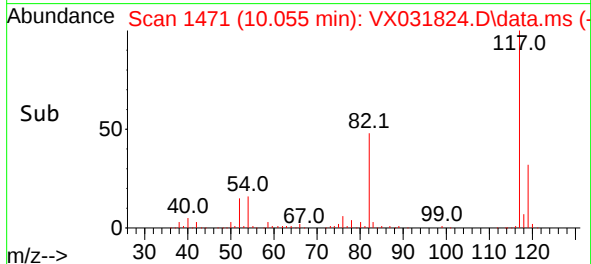
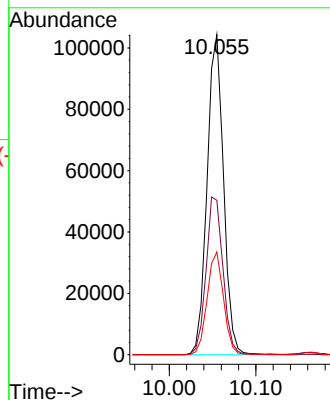
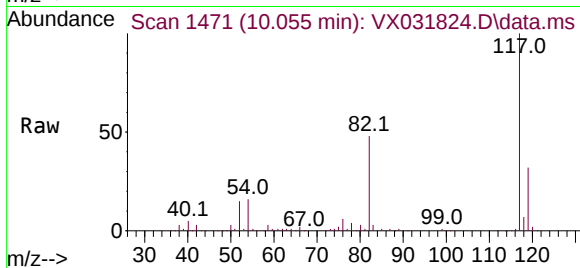




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

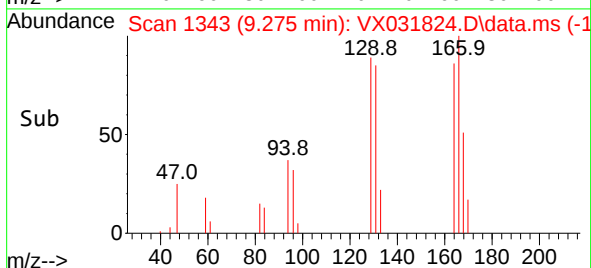
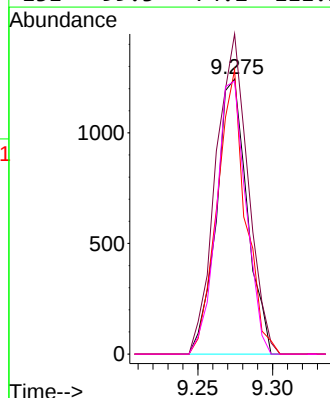
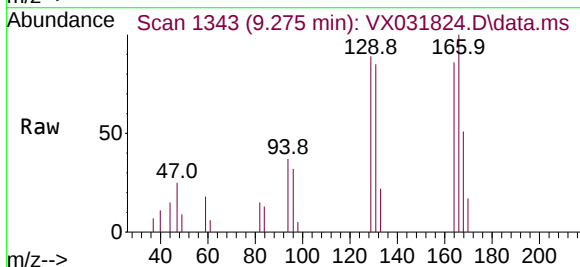
Instrument :  
MSVOA\_X  
ClientSampleId :

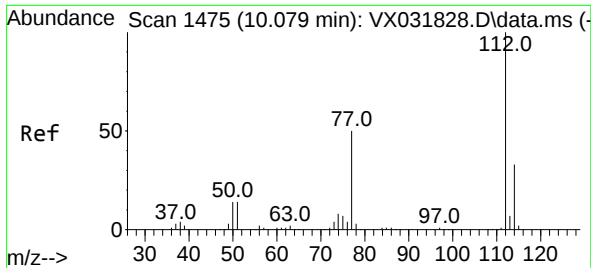
Tgt Ion:117 Resp: 137502  
Ion Ratio Lower Upper  
117 100  
82 48.2 46.8 70.2  
119 32.1 26.4 39.6



#64  
Tetrachloroethene  
Concen: 0.936 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:164 Resp: 1777  
Ion Ratio Lower Upper  
164 100  
166 116.4 99.0 148.4  
129 103.4 78.0 117.0  
131 99.3 74.2 111.2

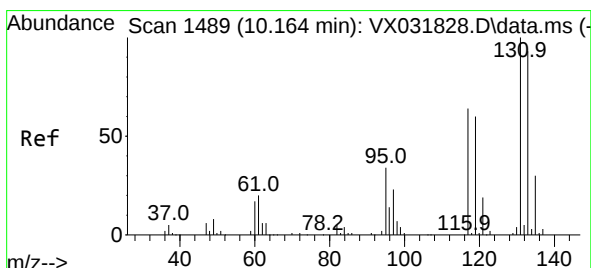
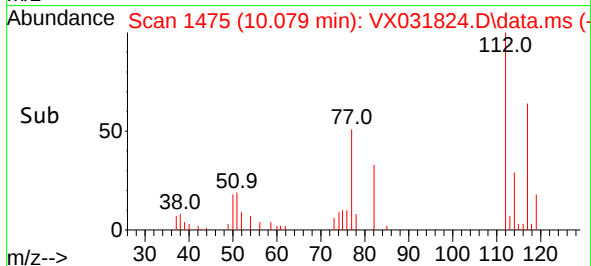
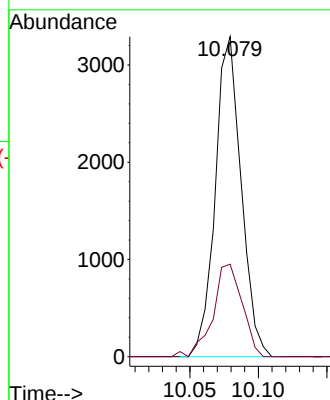
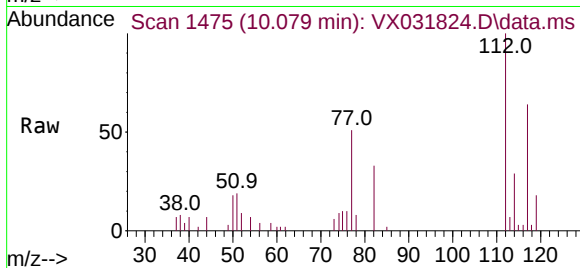




#65  
Chlorobenzene  
Concen: 0.928 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

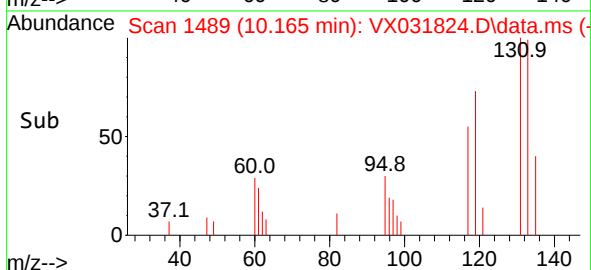
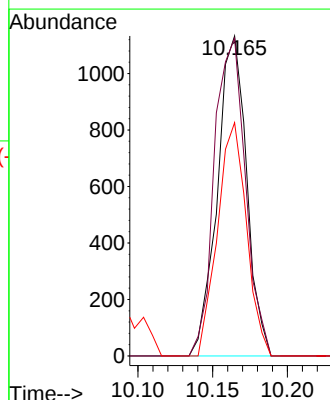
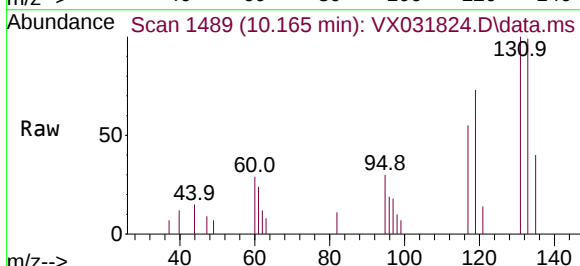
Instrument :  
MSVOA\_X  
ClientSampleId :

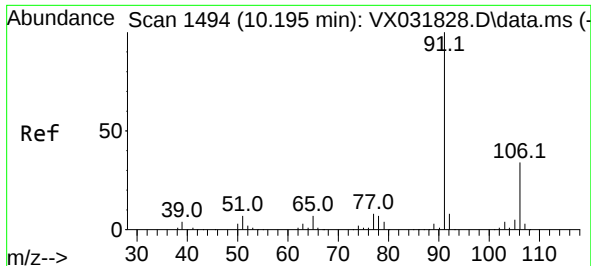
Tgt Ion:112 Resp: 4320  
Ion Ratio Lower Upper  
112 100  
114 28.9 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.853 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:131 Resp: 1543  
Ion Ratio Lower Upper  
131 100  
133 105.1 46.6 139.7  
119 0.0 31.9 95.9#





#67

Ethyl Benzene

Concen: 0.903 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

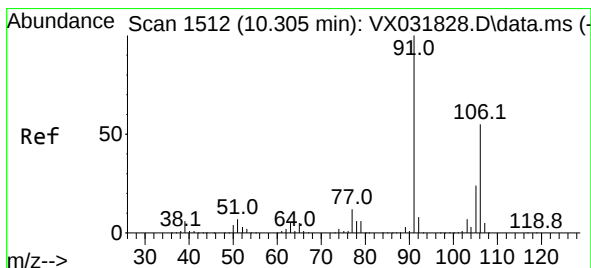
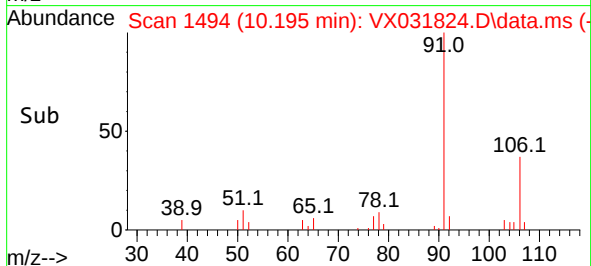
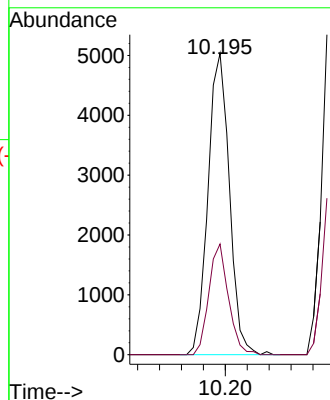
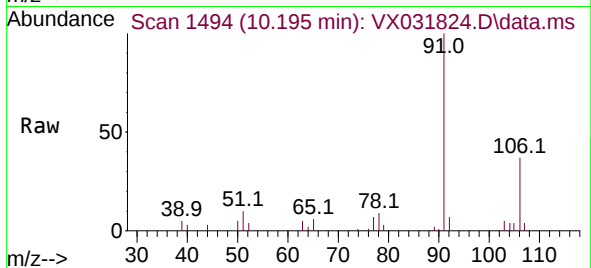
ClientSampleId :

Tgt Ion: 91 Resp: 6826

Ion Ratio Lower Upper

91 100

106 36.8 25.2 37.8



#68

m/p-Xylenes

Concen: 1.701 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX031824.D

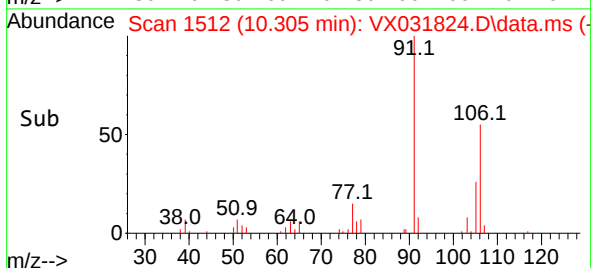
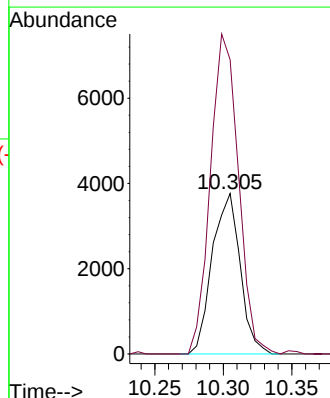
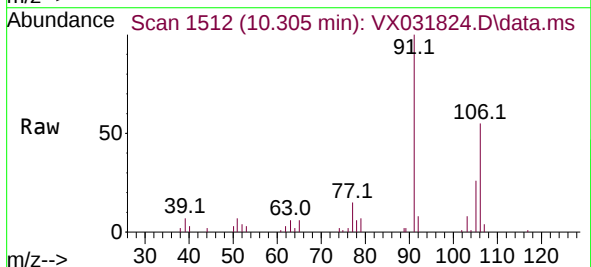
Acq: 03 Oct 2022 09:40

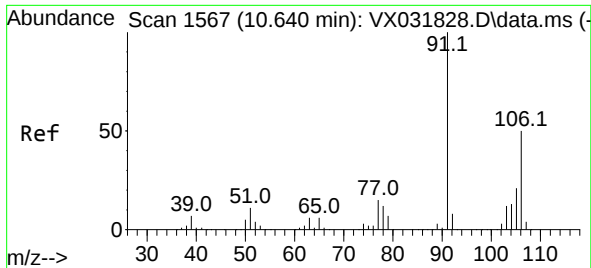
Tgt Ion:106 Resp: 5328

Ion Ratio Lower Upper

106 100

91 200.0 161.0 241.4

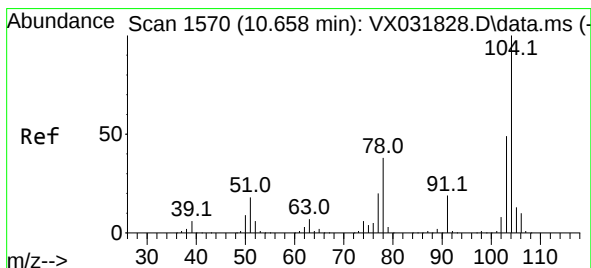
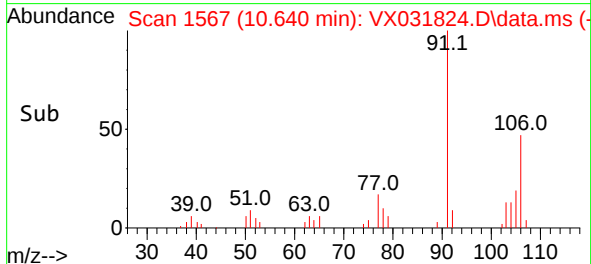
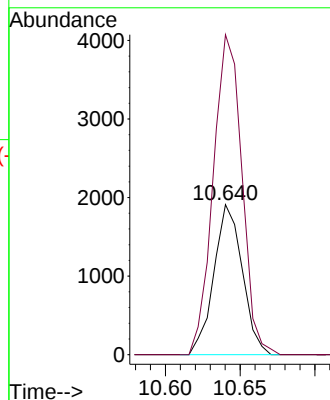
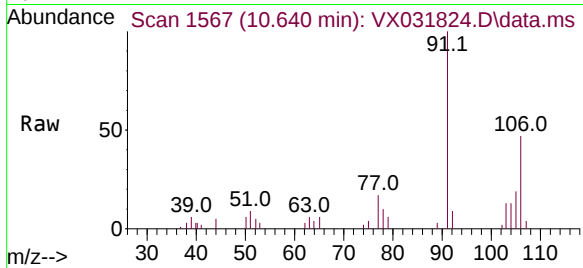




#69  
o-Xylene  
Concen: 0.832 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

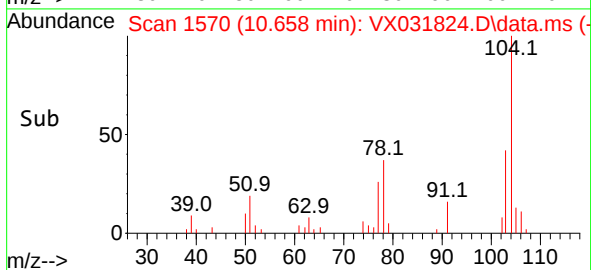
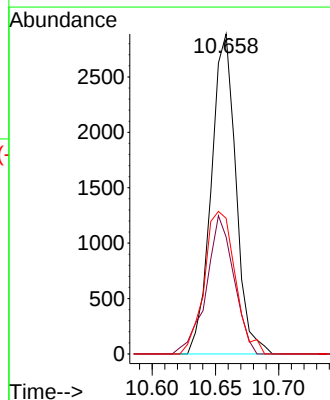
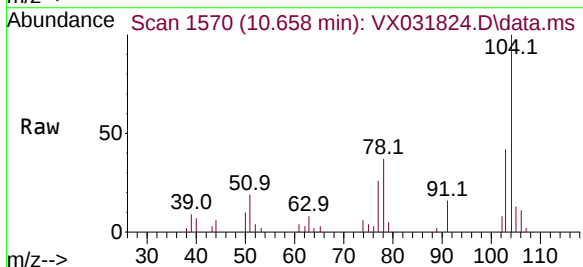
Instrument :  
MSVOA\_X  
ClientSampleId :

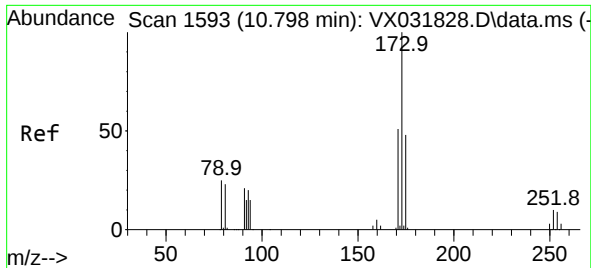
Tgt Ion:106 Resp: 2527  
Ion Ratio Lower Upper  
106 100  
91 215.1 107.2 321.6



#70  
Styrene  
Concen: 0.786 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:104 Resp: 3916  
Ion Ratio Lower Upper  
104 100  
78 48.1 41.4 62.2  
103 55.7 43.8 65.8

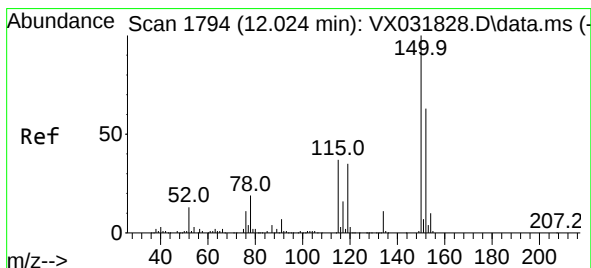
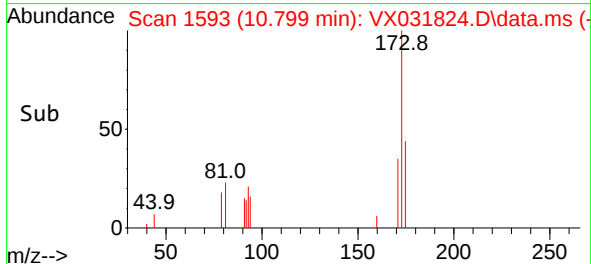
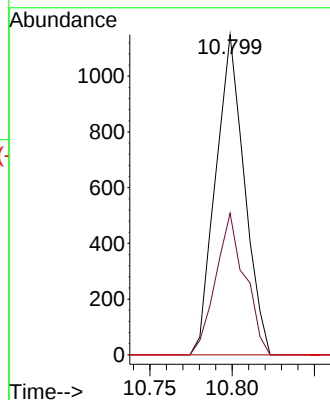
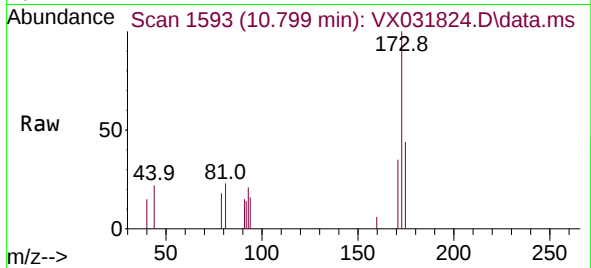




#71  
Bromoform  
Concen: 0.895 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

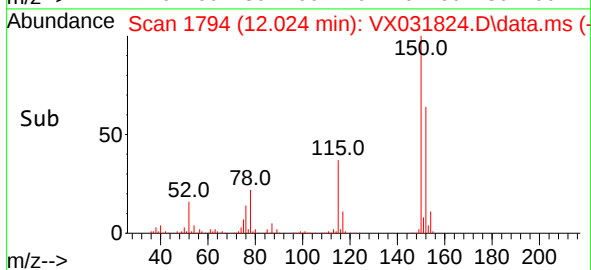
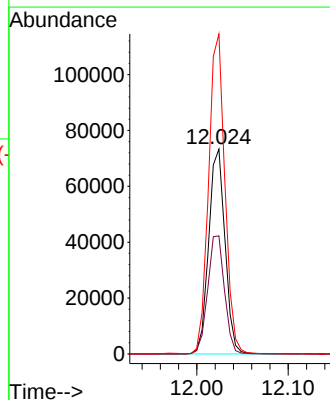
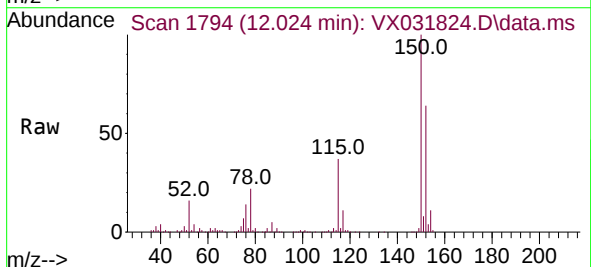
Instrument :  
MSVOA\_X  
ClientSampleId :

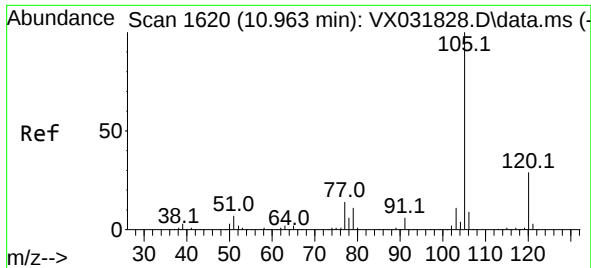
Tgt Ion:173 Resp: 1394  
Ion Ratio Lower Upper  
173 100  
175 45.1 24.0 72.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:152 Resp: 90737  
Ion Ratio Lower Upper  
152 100  
115 59.5 43.4 130.1  
150 156.1 0.0 346.8

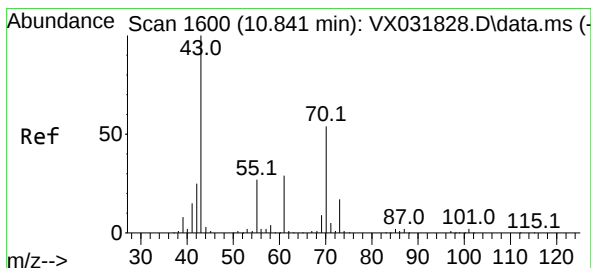
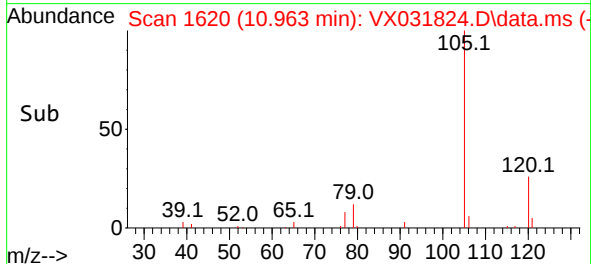
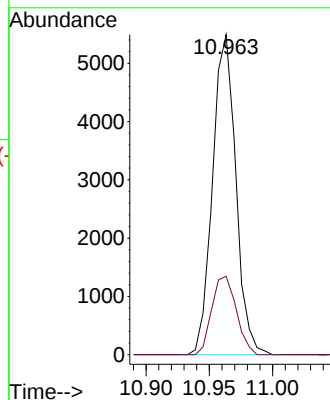
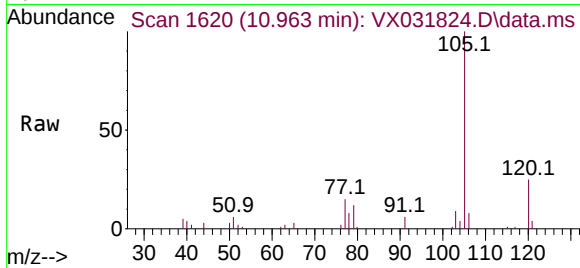




#73  
Isopropylbenzene  
Concen: 0.999 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

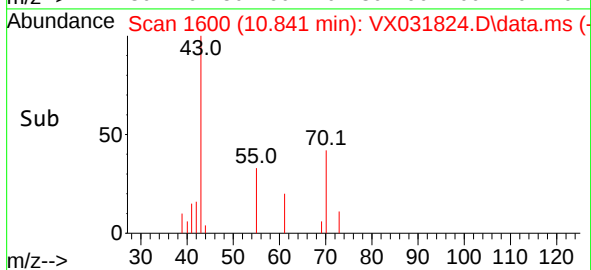
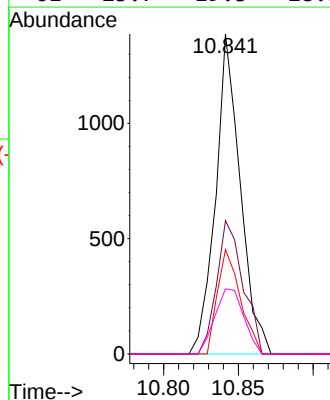
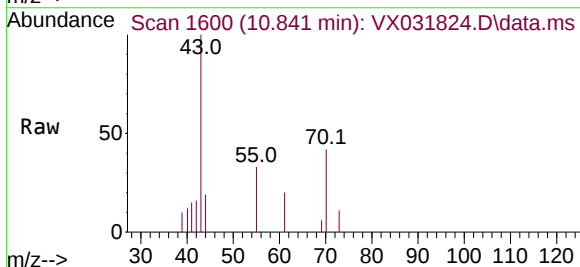
Instrument :  
MSVOA\_X  
ClientSampleId :

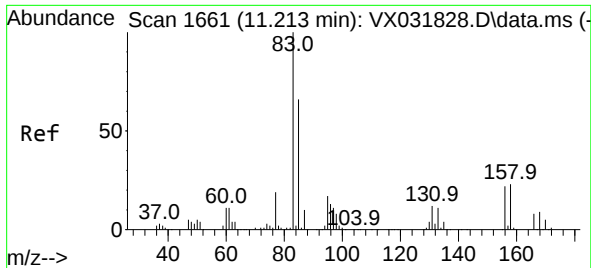
Tgt Ion:105 Resp: 7017  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.7 41.0



#74  
N-ethyl acetate  
Concen: 0.921 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 43 Resp: 1591  
Ion Ratio Lower Upper  
43 100  
70 44.4 33.4 50.2  
55 30.4 18.2 27.2#  
61 23.7 19.3 28.9

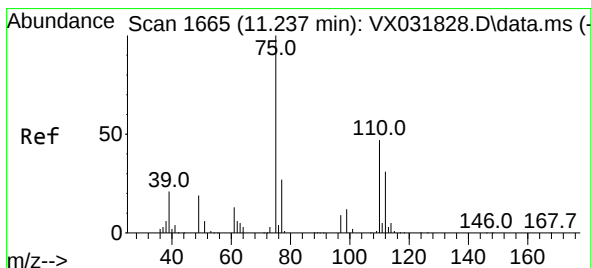
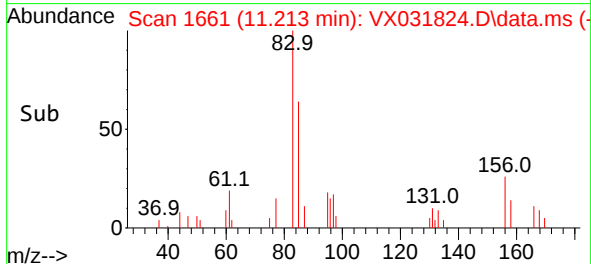
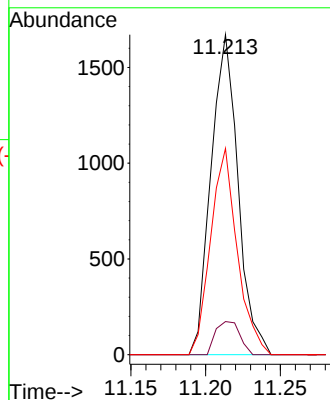
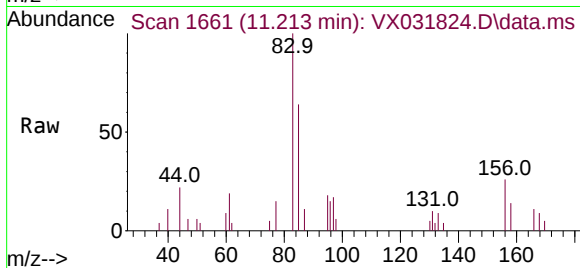




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 1.025 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

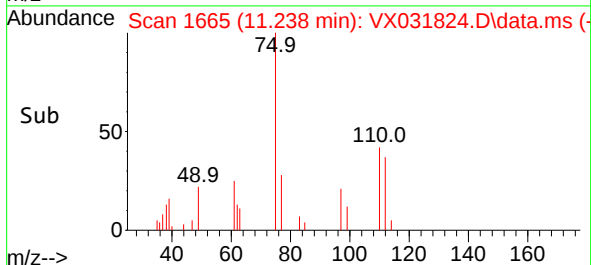
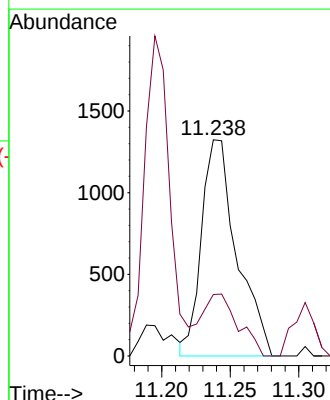
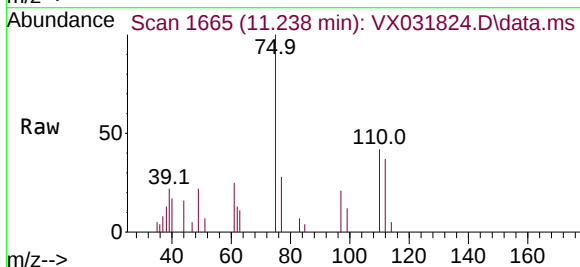
Instrument :  
 MSVOA\_X  
 ClientSampleId :

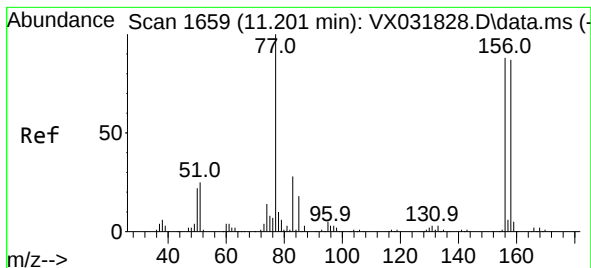
Tgt Ion: 83 Resp: 2100  
 Ion Ratio Lower Upper  
 83 100  
 131 9.3 5.1 15.4  
 85 63.6 32.6 97.8



#76  
 1,2,3-Trichloropropane  
 Concen: 1.368 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

Tgt Ion: 75 Resp: 2377  
 Ion Ratio Lower Upper  
 75 100  
 77 29.9 20.3 60.9





#77

Bromobenzene

Concen: 0.965 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

ClientSampleId :

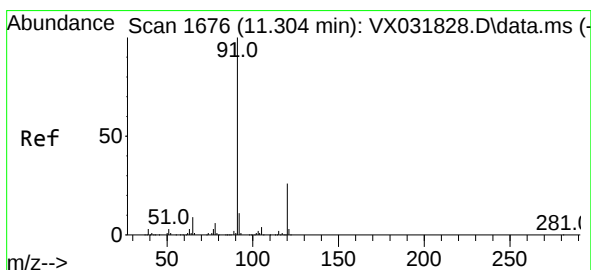
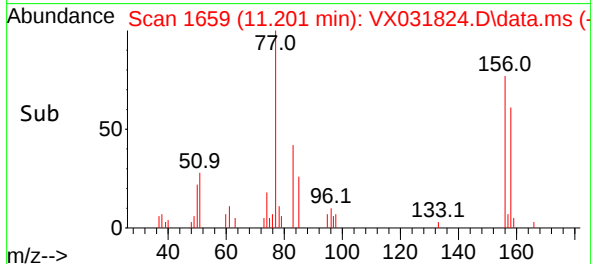
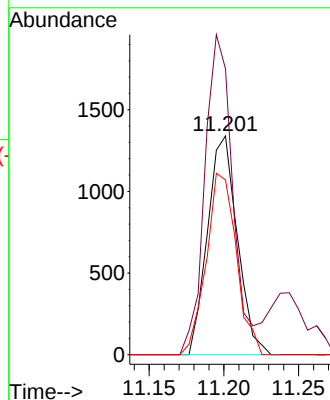
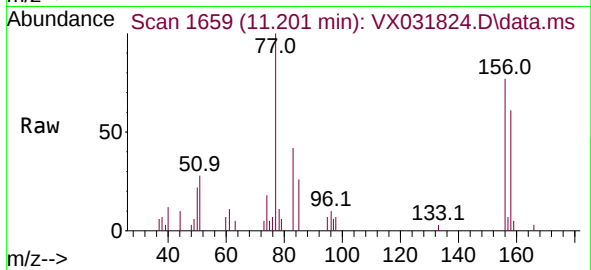
Tgt Ion:156 Resp: 1853

Ion Ratio Lower Upper

156 100

77 135.9 79.5 238.6

158 83.9 48.4 145.3



#78

n-propylbenzene

Concen: 0.951 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031824.D

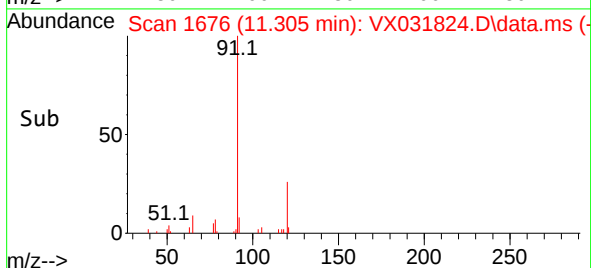
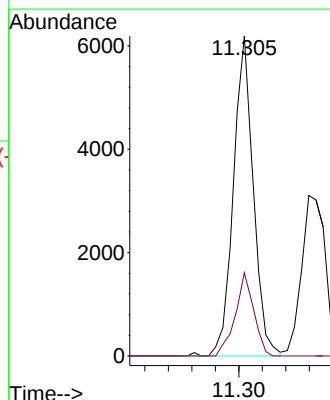
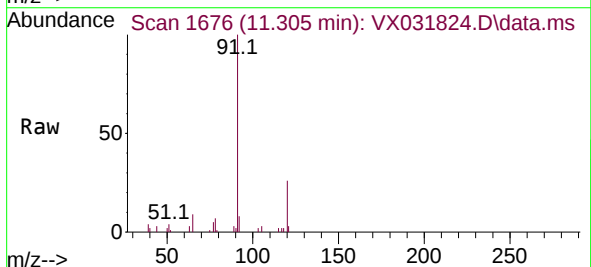
Acq: 03 Oct 2022 09:40

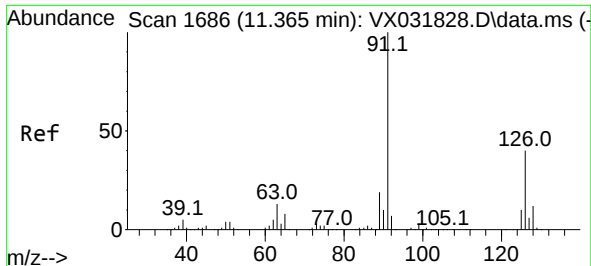
Tgt Ion: 91 Resp: 7276

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 0.957 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031824.D

Acq: 03 Oct 2022 09:40

Instrument :

MSVOA\_X

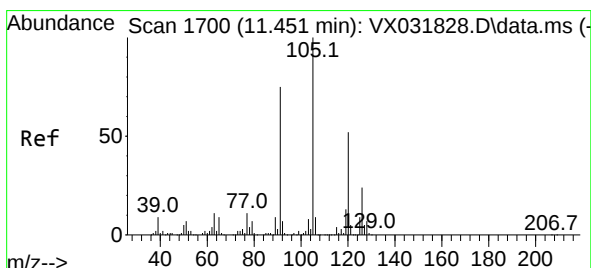
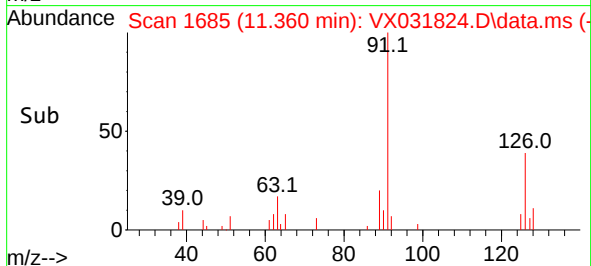
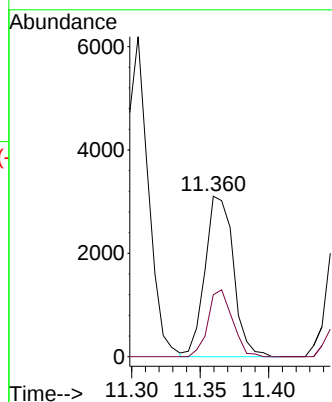
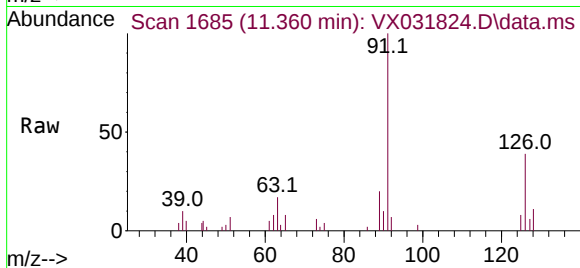
ClientSampleId :

Tgt Ion: 91 Resp: 4473

Ion Ratio Lower Upper

91 100

126 35.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 0.899 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX031824.D

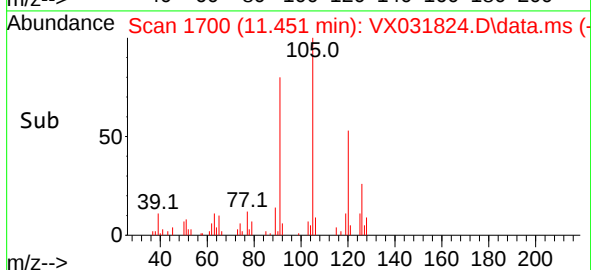
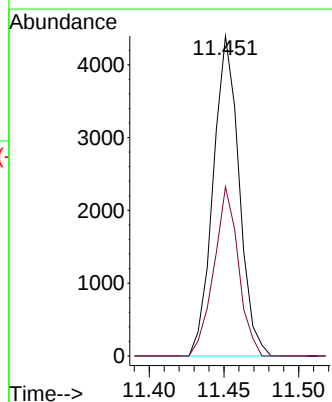
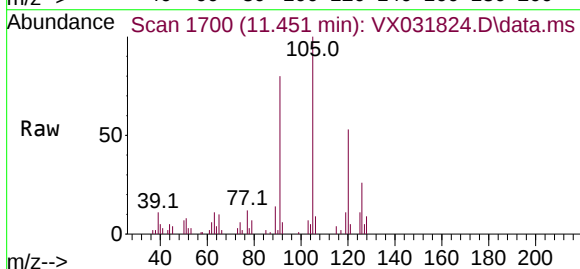
Acq: 03 Oct 2022 09:40

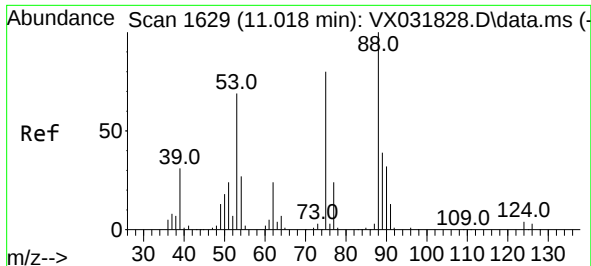
Tgt Ion: 105 Resp: 5295

Ion Ratio Lower Upper

105 100

120 50.0 24.5 73.5

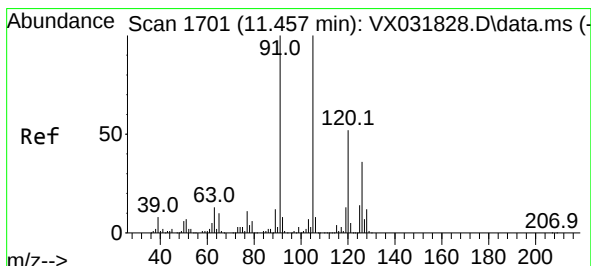
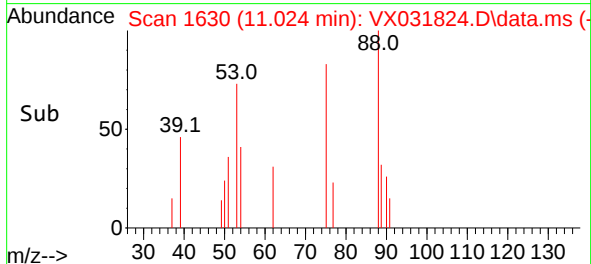
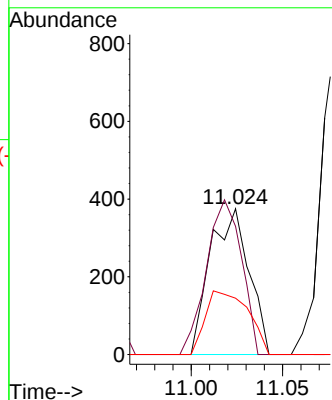
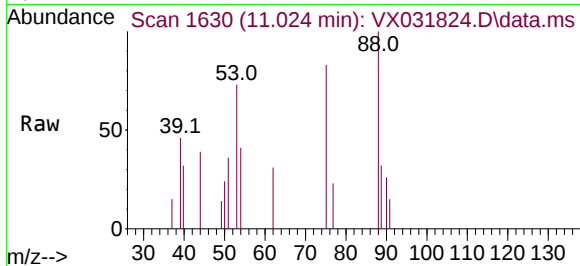




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.967 ug/l  
RT: 11.024 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

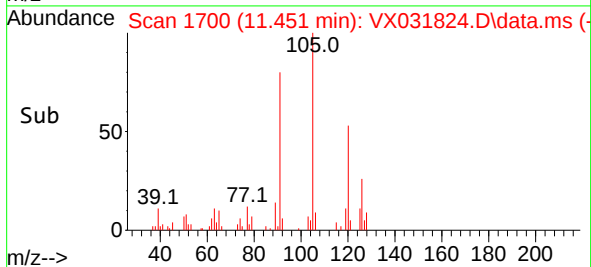
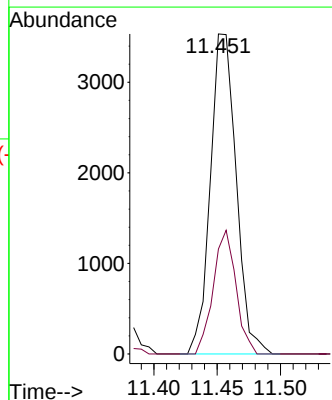
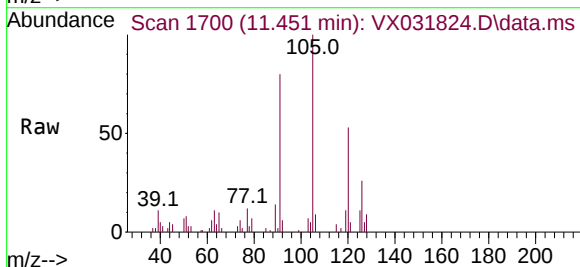
Instrument :  
MSVOA\_X  
ClientSampleId :

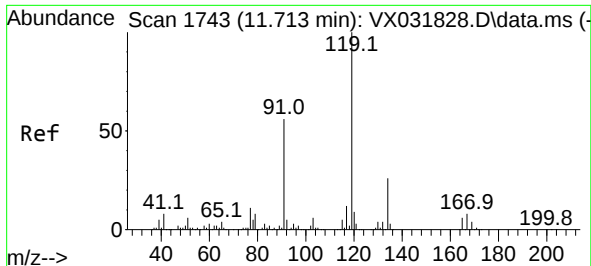
Tgt Ion: 75 Resp: 556  
Ion Ratio Lower Upper  
75 100  
53 95.7 77.6 116.4  
89 47.8 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 0.931 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 91 Resp: 5030  
Ion Ratio Lower Upper  
91 100  
126 33.8 15.1 45.3

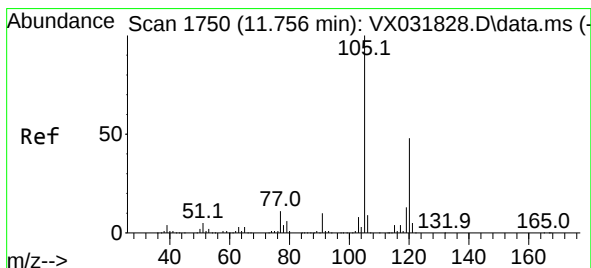
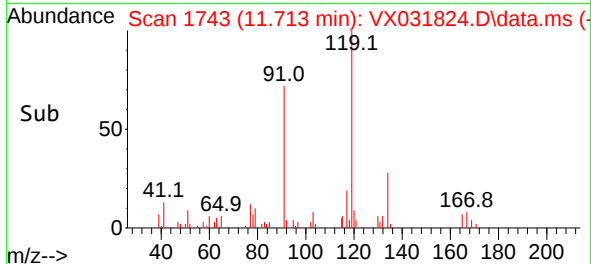
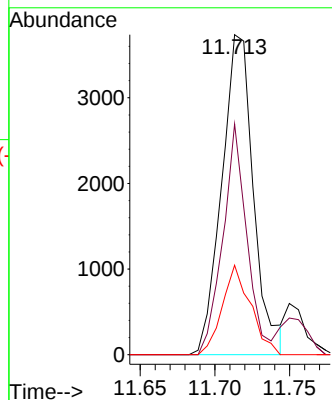
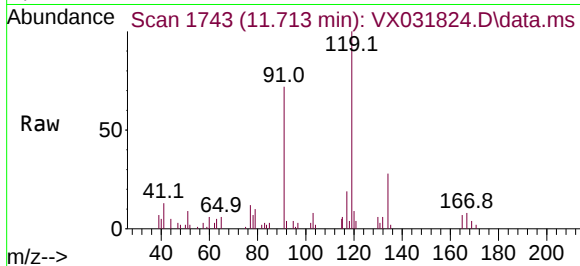




#83  
tert-Butylbenzene  
Concen: 0.933 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

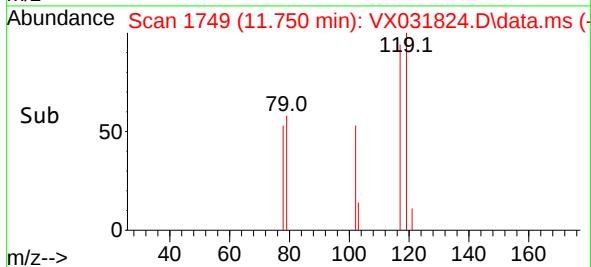
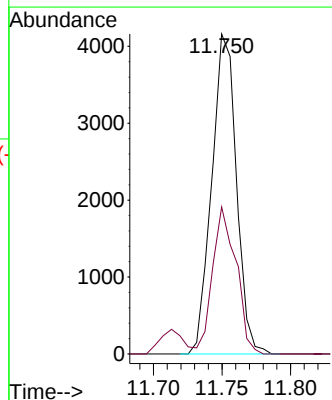
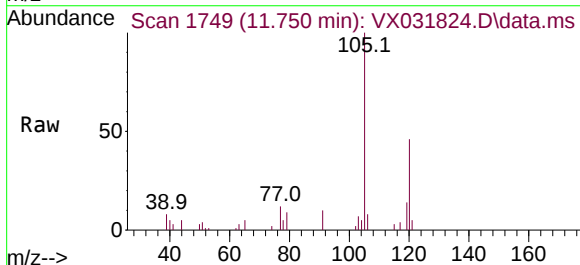
Instrument :  
MSVOA\_X  
ClientSampleId :

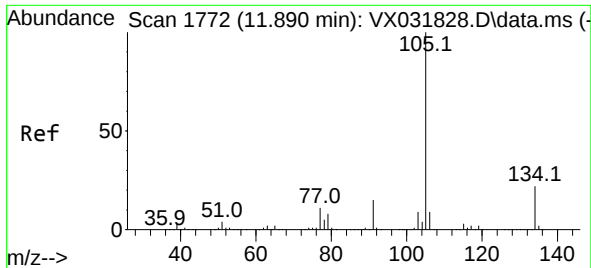
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 54.5  | 29.2  | 87.6  |
| 134     | 25.0  | 11.6  | 34.8  |



#84  
1,2,4-Trimethylbenzene  
Concen: 0.883 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.6  | 22.6  | 67.8  |

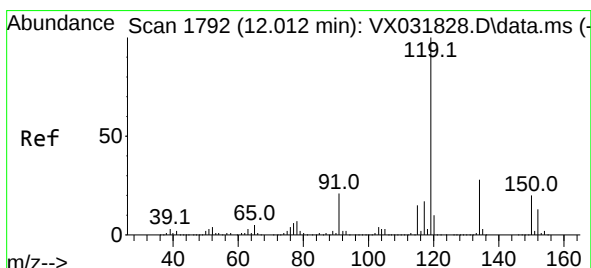
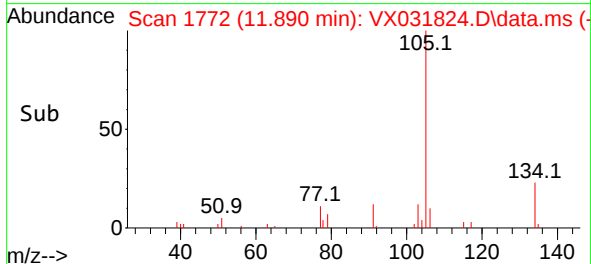
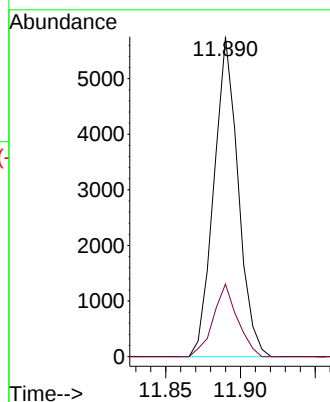
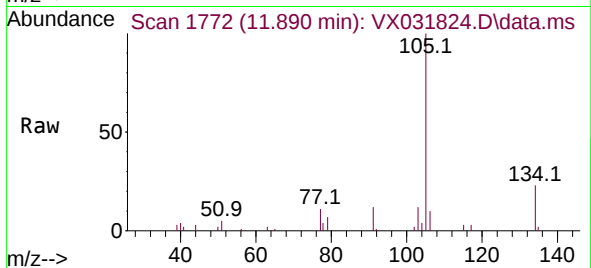




#85  
 sec-Butylbenzene  
 Concen: 0.926 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

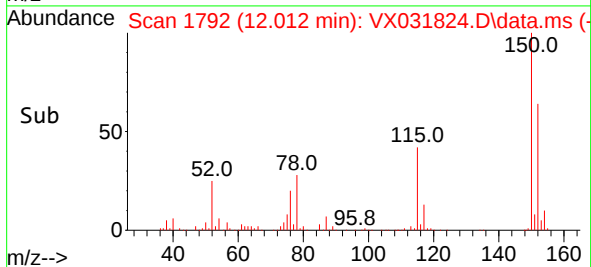
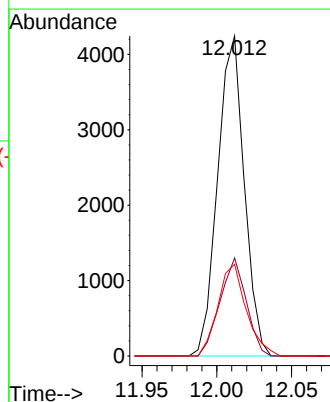
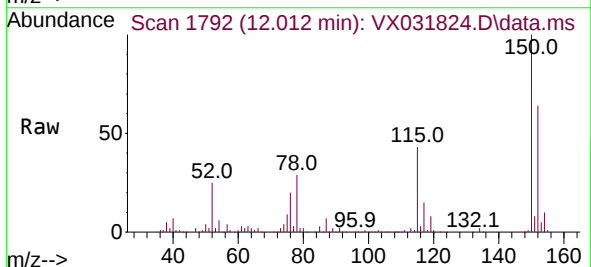
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion:105 Resp: 6490  
 Ion Ratio Lower Upper  
 105 100  
 134 22.7 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 0.851 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

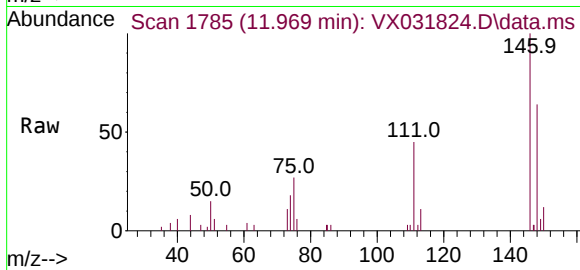
Tgt Ion:119 Resp: 5245  
 Ion Ratio Lower Upper  
 119 100  
 134 30.2 13.4 40.2  
 91 30.6 12.4 37.2



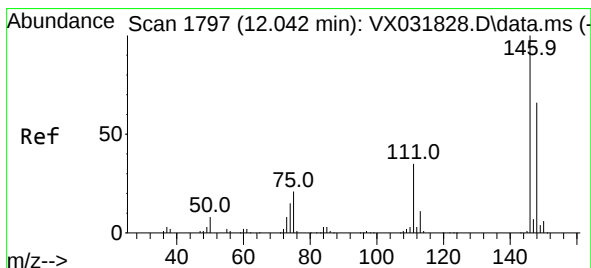
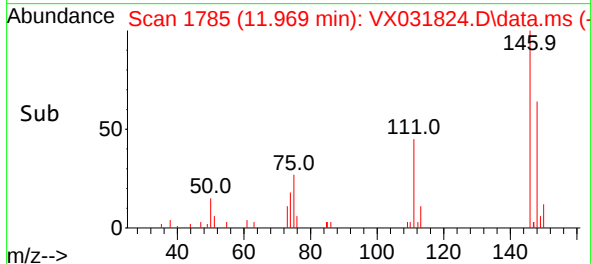
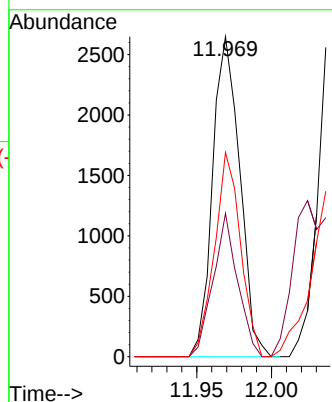


#87  
1,3-Dichlorobenzene  
Concen: 0.935 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :

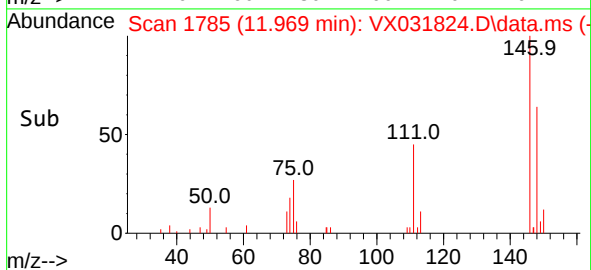
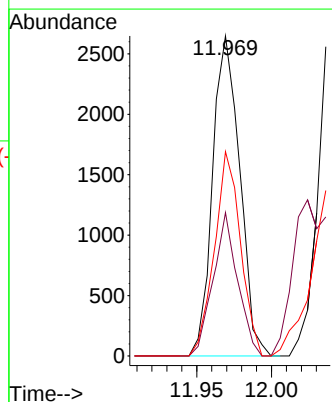
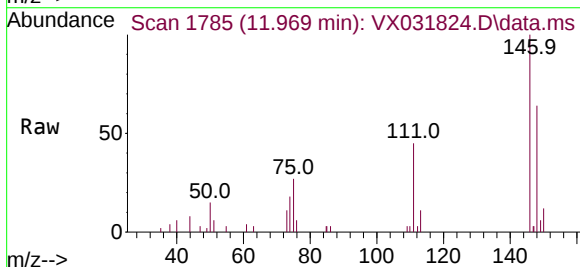


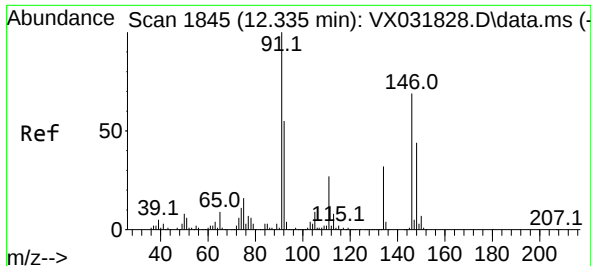
Tgt Ion:146 Resp: 3339  
Ion Ratio Lower Upper  
146 100  
111 40.5 19.8 59.4  
148 61.5 31.5 94.5



#88  
1,4-Dichlorobenzene  
Concen: 0.897 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.073 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:146 Resp: 3339  
Ion Ratio Lower Upper  
146 100  
111 40.5 20.5 61.5  
148 61.5 32.0 96.2

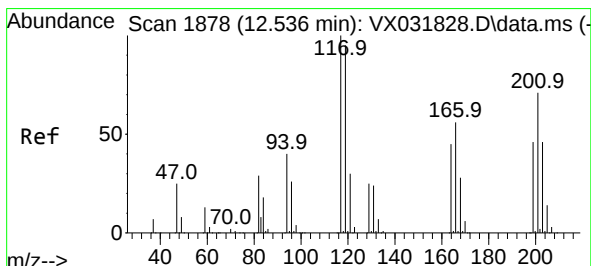
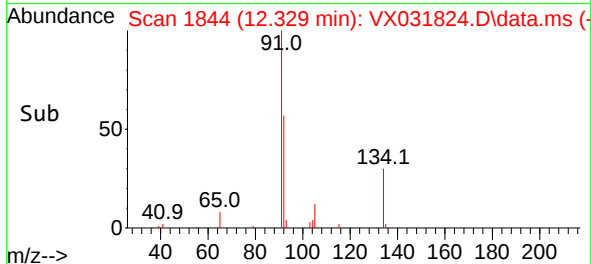
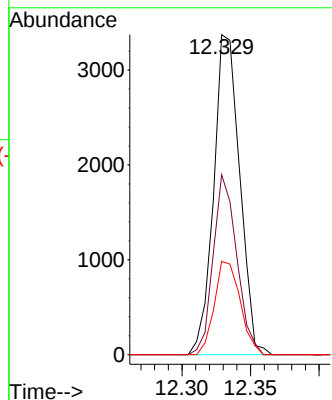
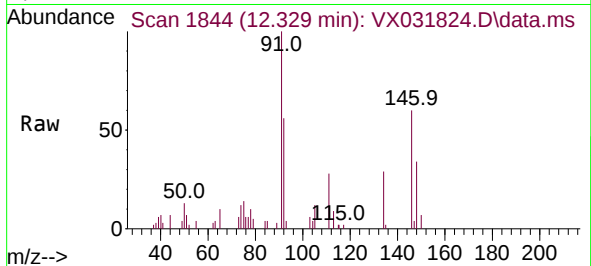




#89  
n-Butylbenzene  
Concen: 0.925 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

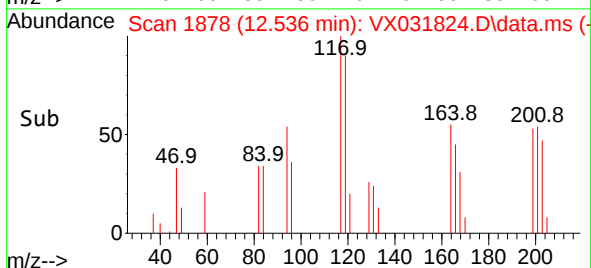
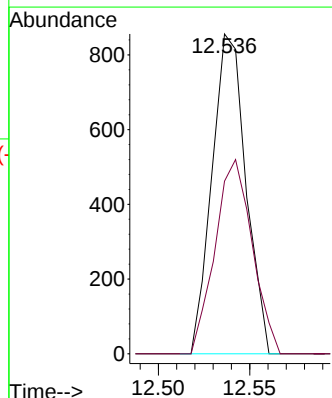
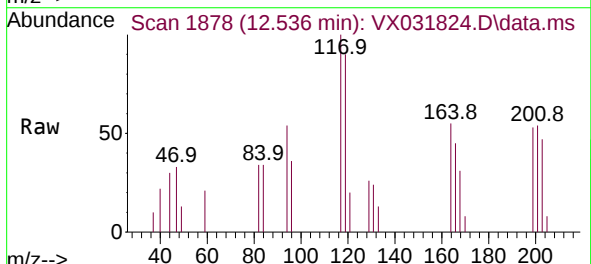
Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 91 Resp: 4465  
Ion Ratio Lower Upper  
91 100  
92 50.8 27.0 81.0  
134 28.9 13.3 39.9



#90  
Hexachloroethane  
Concen: 0.986 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion: 117 Resp: 1103  
Ion Ratio Lower Upper  
117 100  
201 66.7 34.8 104.4

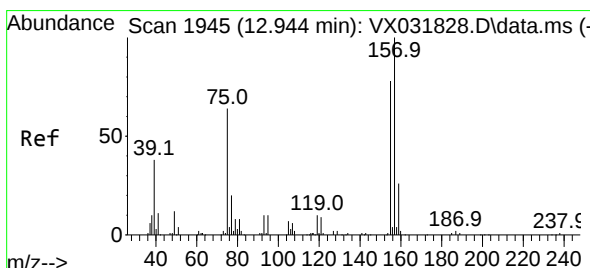
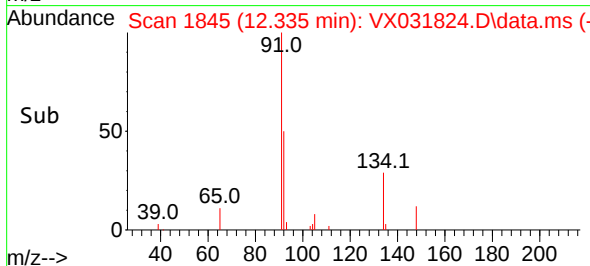
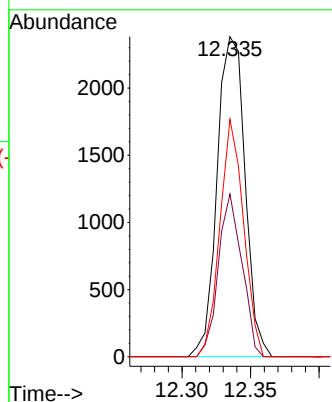
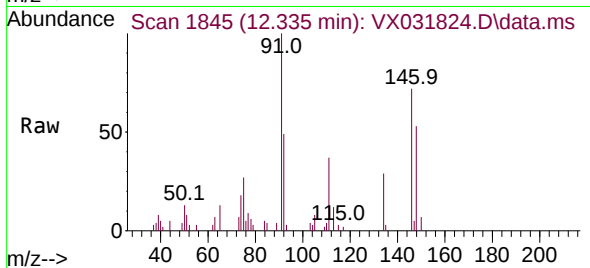




#91  
1,2-Dichlorobenzene  
Concen: 0.944 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

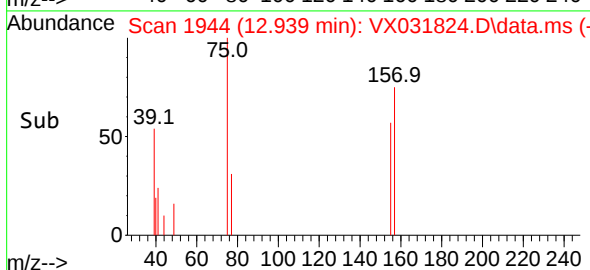
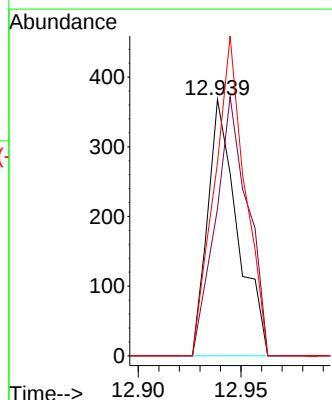
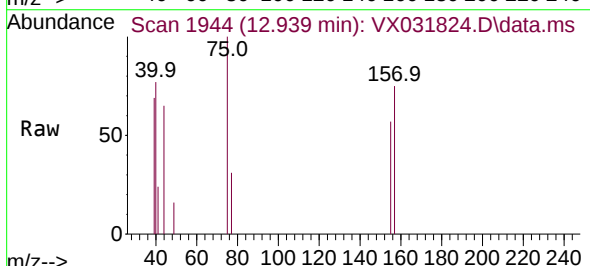
Instrument :  
MSVOA\_X  
ClientSampleId :

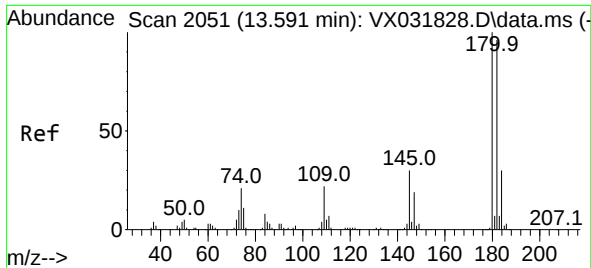
Tgt Ion:146 Resp: 3374  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.6 61.8  
148 63.0 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.858 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

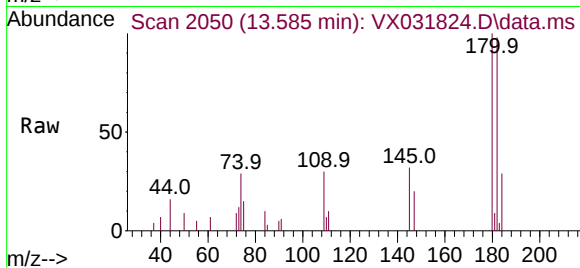
Tgt Ion: 75 Resp: 371  
Ion Ratio Lower Upper  
75 100  
155 109.4 40.3 120.8  
157 127.5 51.5 154.5



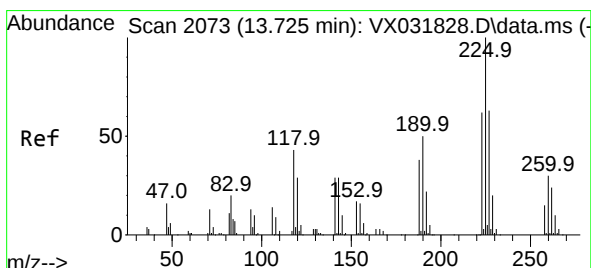
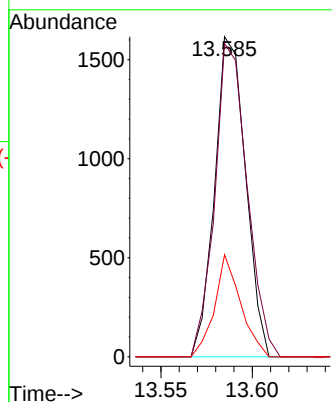
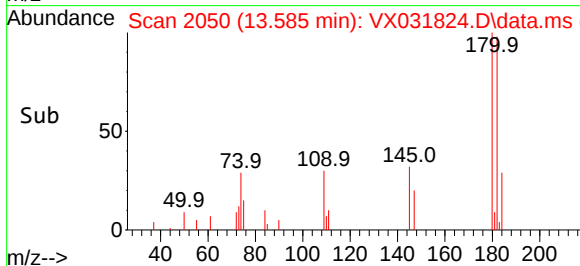


#93  
 1,2,4-Trichlorobenzene  
 Concen: 0.876 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. -0.006 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40

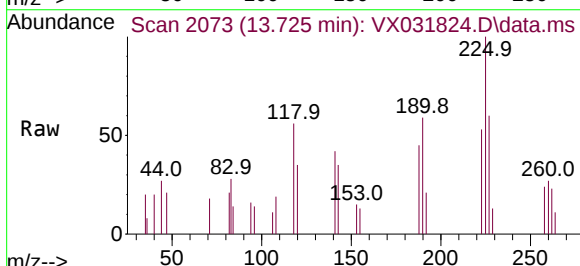
Instrument :  
 MSVOA\_X  
 ClientSampleId :



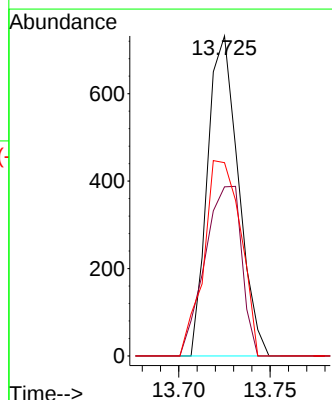
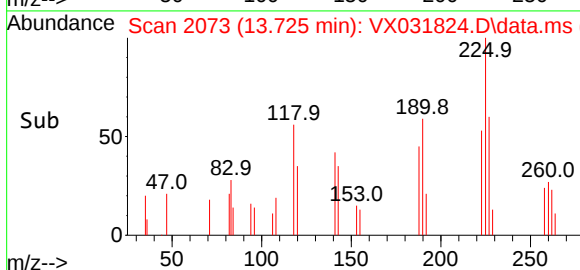
Tgt Ion:180 Resp: 1902  
 Ion Ratio Lower Upper  
 180 100  
 182 102.2 46.9 140.6  
 145 26.9 16.7 50.1

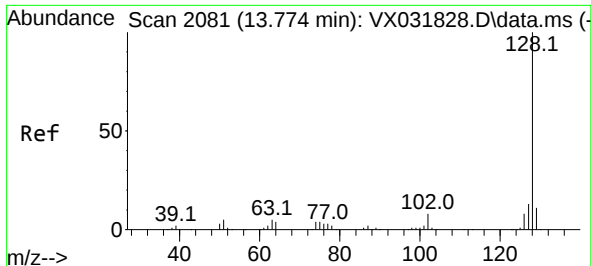


#94  
 Hexachlorobutadiene  
 Concen: 1.000 ug/l  
 RT: 13.725 min Scan# 2073  
 Delta R.T. -0.000 min  
 Lab File: VX031824.D  
 Acq: 03 Oct 2022 09:40



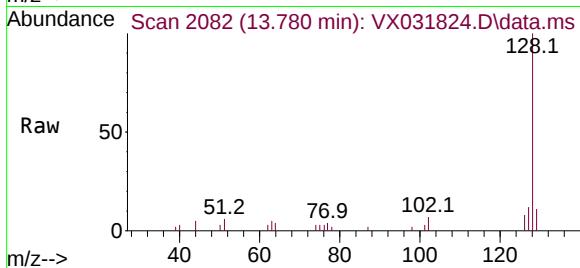
Tgt Ion:225 Resp: 858  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 30.8 92.4  
 227 72.8 32.3 96.9



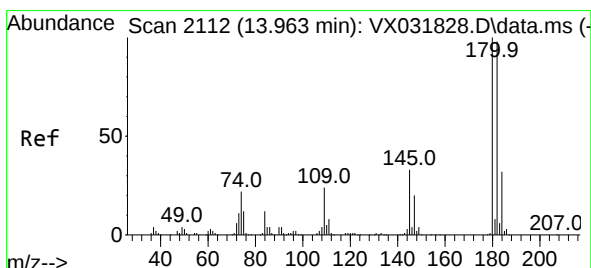
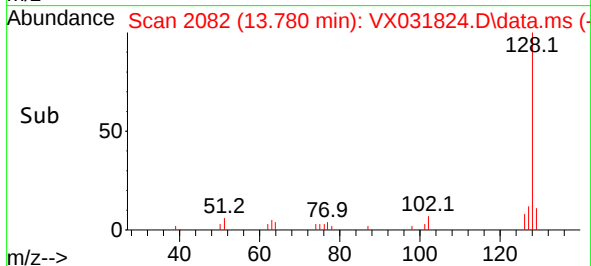
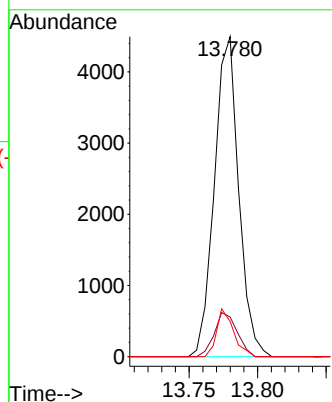


#95  
Naphthalene  
Concen: 0.804 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion:128 Resp: 5533  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.4 15.6  
129 10.4 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 0.776 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX031824.D  
Acq: 03 Oct 2022 09:40

Tgt Ion:180 Resp: 1642  
Ion Ratio Lower Upper  
180 100  
182 116.8 47.9 143.8  
145 37.3 17.6 52.8

