

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
 Data File : VX032814.D  
 Acq On : 15 Nov 2022 11:58  
 Operator : JC/MD  
 Sample : VX1115WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1115WBSD01

Quant Time: Nov 16 03:32:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                     | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|--------|----------|
| -----                        |           |       |          |          |        |          |
| Internal Standards           |           |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550     | 168   | 89993    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757     | 114   | 139435   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 124885   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 65931    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 64186    | 51.331   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 78 - 117 | Recovery | =      | 102.660% |
| 35) Dibromofluoromethane     | 5.385     | 113   | 54363    | 54.658   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 75 - 124 | Recovery | =      | 109.320% |
| 50) Toluene-d8               | 8.647     | 98    | 173445   | 50.151   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 92 - 112 | Recovery | =      | 100.300% |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 69815    | 51.678   | ug/l   | 0.00     |
| Spiked Amount                | 50.000    | Range | 83 - 123 | Recovery | =      | 103.360% |
| Target Compounds             |           |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166     | 85    | 18579    | 17.900   | ug/l   | 97       |
| 3) Chloromethane             | 1.294     | 50    | 15314    | 17.446   | ug/l   | 94       |
| 4) Vinyl Chloride            | 1.374     | 62    | 17289    | 17.897   | ug/l   | 97       |
| 5) Bromomethane              | 1.617     | 94    | 13039    | 16.890   | ug/l   | 98       |
| 6) Chloroethane              | 1.691     | 64    | 15292    | 23.596   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.892     | 101   | 35682    | 19.494   | ug/l   | 100      |
| 8) Diethyl Ether             | 2.130     | 74    | 11982    | 20.200   | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331     | 101   | 19857    | 20.553   | ug/l   | 100      |
| 10) Methyl Iodide            | 2.453     | 142   | 18810    | 18.750   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 2.995     | 59    | 13729    | 75.435   | ug/l # | 89       |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 16720    | 18.526   | ug/l   | 91       |
| 13) Acrolein                 | 2.239     | 56    | 11959    | 65.821   | ug/l   | 97       |
| 14) Allyl chloride           | 2.666     | 41    | 27877    | 19.377   | ug/l   | 98       |
| 15) Acrylonitrile            | 3.062     | 53    | 45902    | 92.932   | ug/l   | 98       |
| 16) Acetone                  | 2.386     | 43    | 44889    | 98.771   | ug/l   | 96       |
| 17) Carbon Disulfide         | 2.514     | 76    | 35316    | 16.429   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703     | 43    | 30031    | 20.320   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 3.111     | 73    | 66092    | 20.836   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.794     | 84    | 20649    | 19.816   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 3.093     | 96    | 18496    | 18.828   | ug/l   | 98       |
| 22) Diisopropyl ether        | 3.757     | 45    | 63436    | 20.385   | ug/l   | 89       |
| 23) Vinyl Acetate            | 3.721     | 43    | 239449   | 95.242   | ug/l   | 100      |
| 24) 1,1-Dichloroethane       | 3.611     | 63    | 36142    | 20.192   | ug/l   | 97       |
| 25) 2-Butanone               | 4.562     | 43    | 63654    | 90.404   | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 4.477     | 77    | 28929    | 20.332   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 23506    | 20.701   | ug/l   | 99       |
| 28) Bromochloromethane       | 4.897     | 49    | 12647    | 19.837   | ug/l   | 98       |
| 29) Tetrahydrofuran          | 5.013     | 42    | 39012    | 86.890   | ug/l   | 99       |
| 30) Chloroform               | 5.092     | 83    | 41537    | 21.149   | ug/l   | 93       |
| 31) Cyclohexane              | 5.477     | 56    | 27993    | 18.464   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.385     | 97    | 36551    | 20.738   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.696     | 75    | 27223    | 19.655   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.714     | 43    | 25241    | 17.508   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.678     | 117   | 32280    | 21.013   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379     | 83    | 31481    | 19.211   | ug/l   | 97       |
| 40) Benzene                  | 6.037     | 78    | 80373    | 20.506   | ug/l   | 99       |

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 Data File : VX032814.D  
 Acq On : 15 Nov 2022 11:58  
 Operator : JC/MD  
 Sample : VX1115WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1115WBSD01

Quant Time: Nov 16 03:32:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 14751    | 20.085  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 34542    | 21.560  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 43066    | 19.455  | ug/l   | 99       |
| 44) Trichloroethene           | 7.123  | 130  | 23011    | 20.856  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 21335    | 21.205  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 16203    | 20.999  | ug/l   | 99       |
| 47) Bromodichloromethane      | 7.824  | 83   | 32515    | 22.234  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 21827    | 19.092  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 7297     | 334.922 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 134178   | 96.234  | ug/l   | 100      |
| 52) Toluene                   | 8.720  | 92   | 53341    | 20.860  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 30964    | 20.752  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 33567    | 21.033  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 22956    | 21.316  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 31224    | 20.148  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 36579    | 21.033  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 74637    | 100.019 | ug/l   | 100      |
| 59) 2-Hexanone                | 9.427  | 43   | 97894    | 94.623  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 25605    | 21.768  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 23527    | 20.618  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 19643    | 21.490  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 60270    | 21.544  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 23292    | 22.123  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 104710   | 20.931  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 80784    | 41.587  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 40048    | 21.204  | ug/l   | 100      |
| 70) Styrene                   | 10.652 | 104  | 66859    | 21.301  | ug/l   | 100      |
| 71) Bromoform                 | 10.799 | 173  | 18294    | 21.976  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 108382   | 20.745  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 36855    | 18.670  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 34013    | 20.282  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 35021    | 23.876  | ug/l   | 88       |
| 77) Bromobenzene              | 11.195 | 156  | 26863    | 20.973  | ug/l   | 99       |
| 78) n-propylbenzene           | 11.305 | 91   | 124578   | 20.696  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 74789    | 20.747  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 93415    | 20.921  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 8086     | 17.541  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 86884    | 20.598  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 91933    | 20.623  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 93597    | 21.075  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 111209   | 20.732  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 95385    | 20.956  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 51179    | 21.182  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 51372    | 20.495  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.335 | 91   | 80220    | 20.259  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 15700    | 21.118  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 51360    | 21.559  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 6744     | 18.342  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 32087    | 20.656  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 13980    | 21.549  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 101155   | 19.543  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 32610    | 20.652  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111522\  
Data File : VX032814.D  
Acq On : 15 Nov 2022 11:58  
Operator : JC/MD  
Sample : VX1115WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

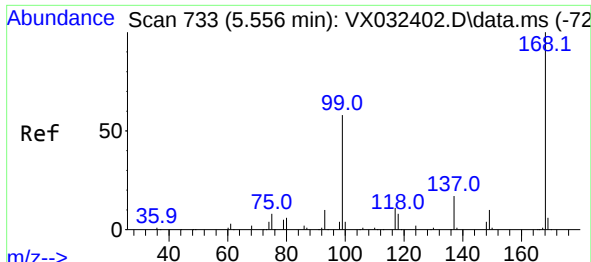
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Quant Time: Nov 16 03:32:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 27 08:28:06 2022  
Response via : Initial Calibration

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

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

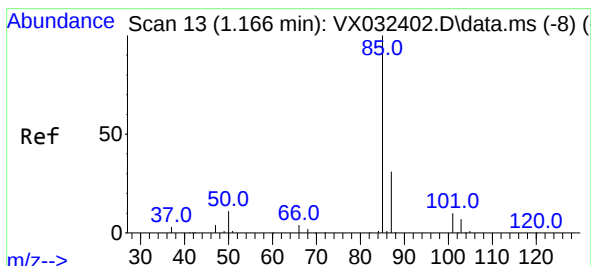
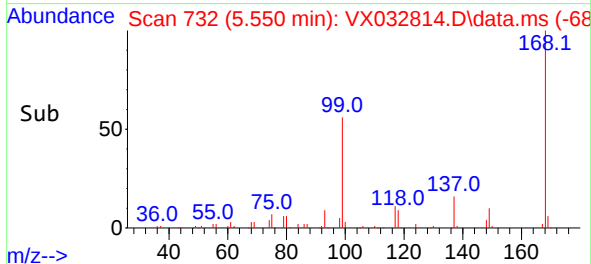
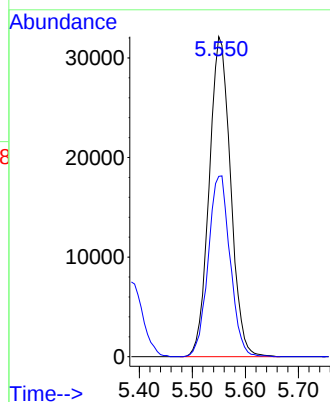
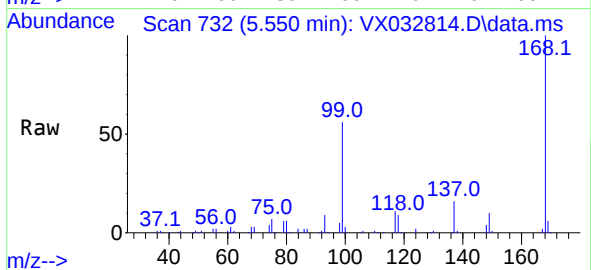




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

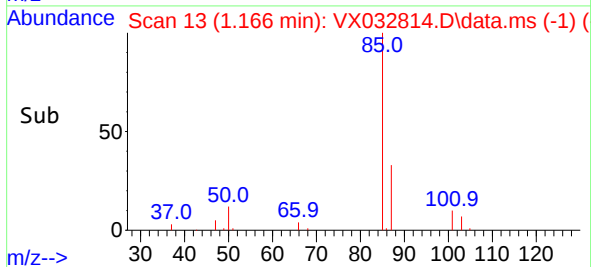
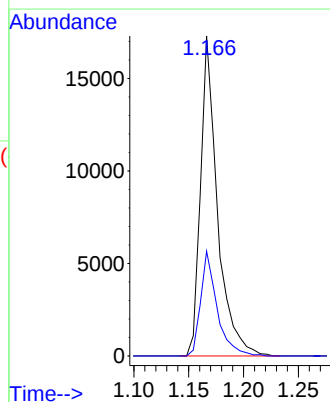
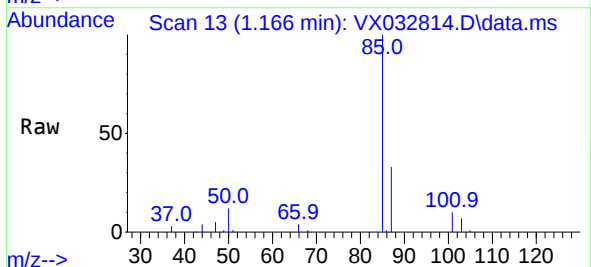
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:168 Resp: 89993  
Ion Ratio Lower Upper  
168 100  
99 56.4 46.1 69.1

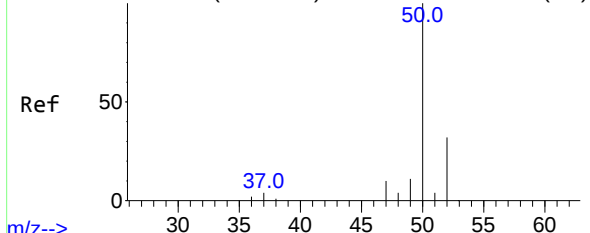


#2  
Dichlorodifluoromethane  
Concen: 17.900 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

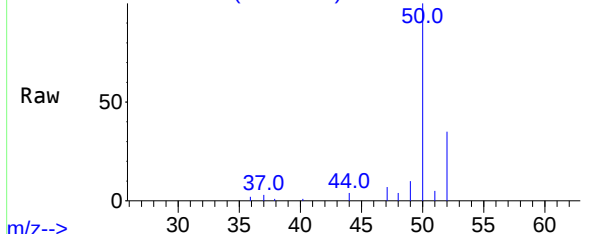
Tgt Ion: 85 Resp: 18579  
Ion Ratio Lower Upper  
85 100  
87 32.7 15.6 46.7



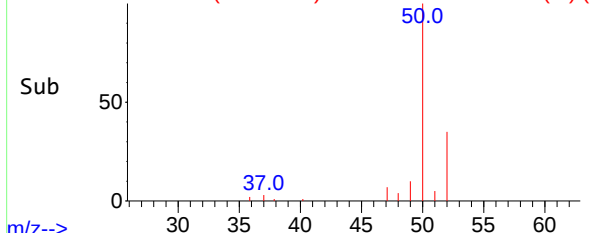
Abundance Scan 34 (1.294 min): VX032402.D\data.ms (-29)



Abundance Scan 34 (1.294 min): VX032814.D\data.ms



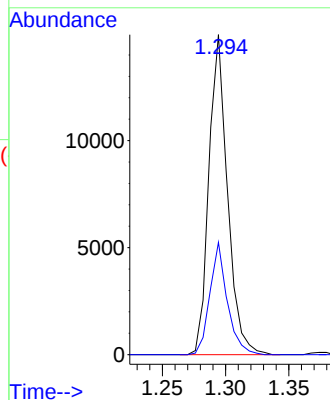
Abundance Scan 34 (1.294 min): VX032814.D\data.ms (-1)



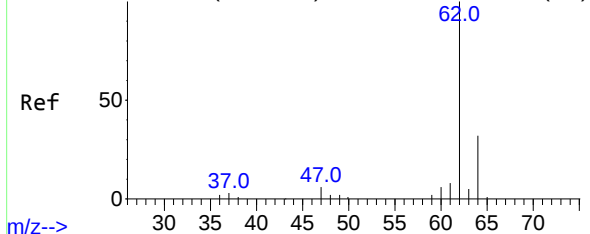
#3  
Chloromethane  
Concen: 17.446 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

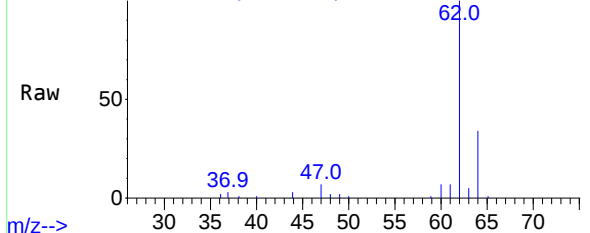
Tgt Ion: 50 Resp: 15314  
Ion Ratio Lower Upper  
50 100  
52 35.1 25.4 38.2



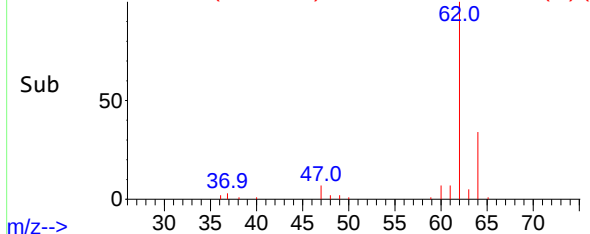
Abundance Scan 47 (1.374 min): VX032402.D\data.ms (-42)



Abundance Scan 47 (1.374 min): VX032814.D\data.ms

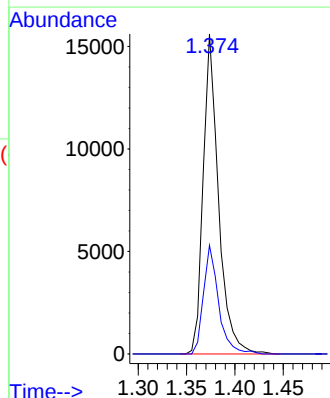


Abundance Scan 47 (1.374 min): VX032814.D\data.ms (-1)

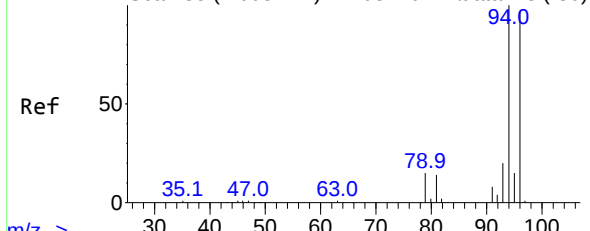


#4  
Vinyl Chloride  
Concen: 17.897 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 62 Resp: 17289  
Ion Ratio Lower Upper  
62 100  
64 34.0 25.8 38.6



Abundance Scan 85 (1.605 min): VX032402.D\data.ms (-80)



#5

Bromomethane

Concen: 16.890 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

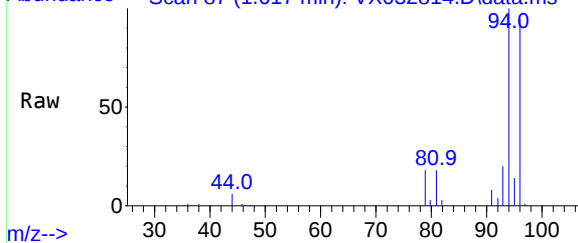
Tgt Ion: 94 Resp: 13039

Ion Ratio Lower Upper

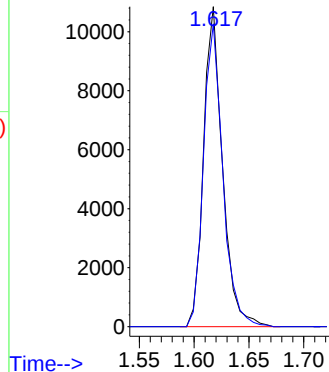
94 100

96 94.6 77.6 116.4

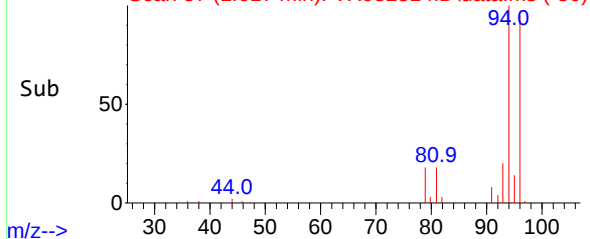
Abundance Scan 87 (1.617 min): VX032814.D\data.ms



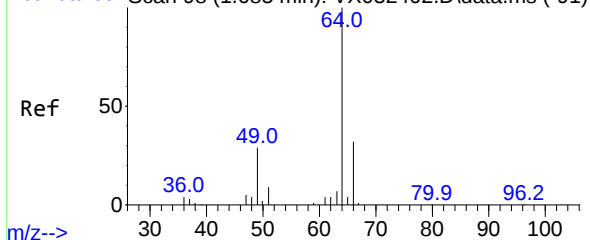
Abundance



Abundance Scan 87 (1.617 min): VX032814.D\data.ms (-36)



Abundance Scan 98 (1.685 min): VX032402.D\data.ms (-91)



#6

Chloroethane

Concen: 23.596 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

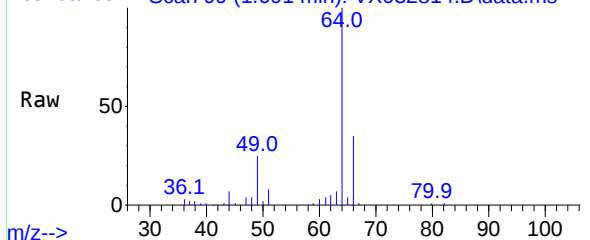
Tgt Ion: 64 Resp: 15292

Ion Ratio Lower Upper

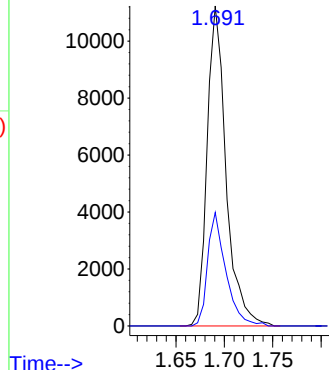
64 100

66 35.4 26.0 39.0

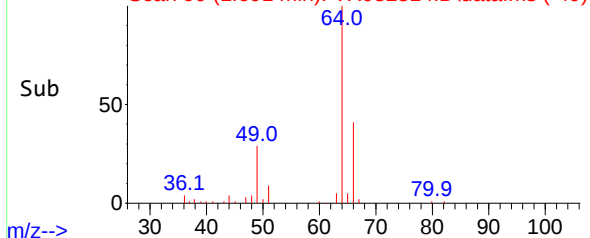
Abundance Scan 99 (1.691 min): VX032814.D\data.ms



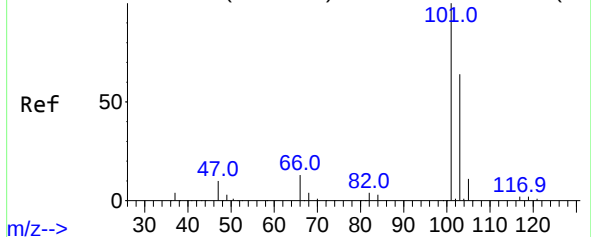
Abundance



Abundance Scan 99 (1.691 min): VX032814.D\data.ms (-49)



Abundance Scan 131 (1.886 min): VX032402.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 19.494 ug/l

RT: 1.892 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

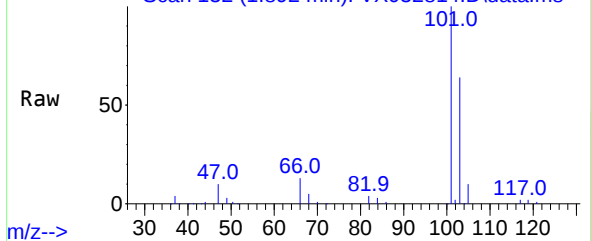
Tgt Ion:101 Resp: 35682

Ion Ratio Lower Upper

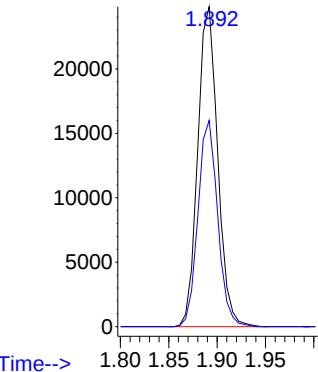
101 100

103 64.4 51.4 77.2

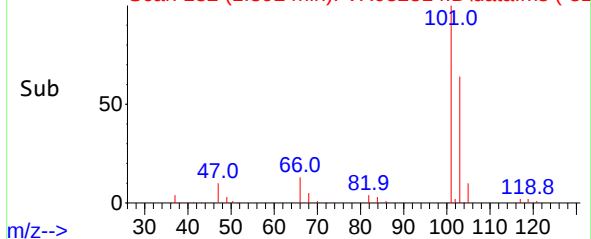
Abundance Scan 132 (1.892 min): VX032814.D\data.ms



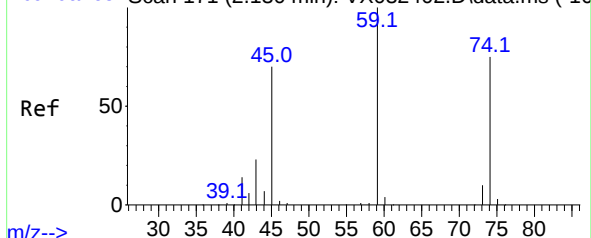
Abundance



Abundance Scan 132 (1.892 min): VX032814.D\data.ms (-82



Abundance Scan 171 (2.130 min): VX032402.D\data.ms (-16



#8

Diethyl Ether

Concen: 20.200 ug/l

RT: 2.130 min Scan# 171

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

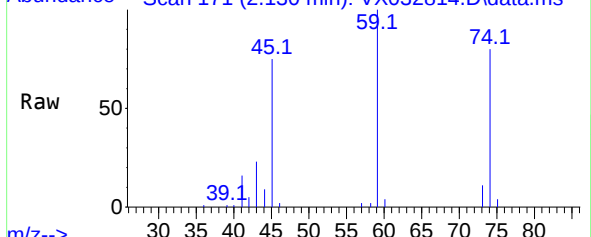
Tgt Ion: 74 Resp: 11982

Ion Ratio Lower Upper

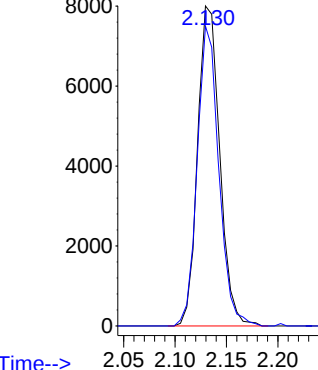
74 100

45 91.4 46.6 139.7

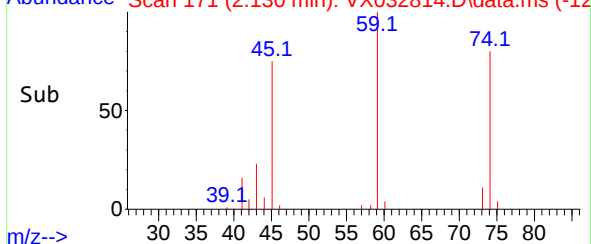
Abundance Scan 171 (2.130 min): VX032814.D\data.ms

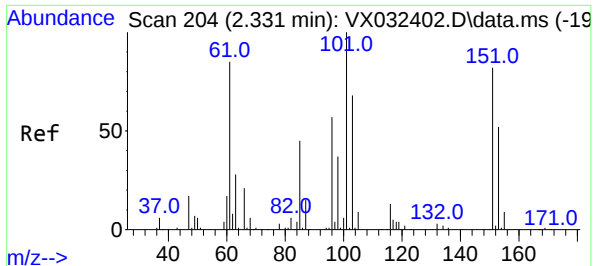


Abundance



Abundance Scan 171 (2.130 min): VX032814.D\data.ms (-12

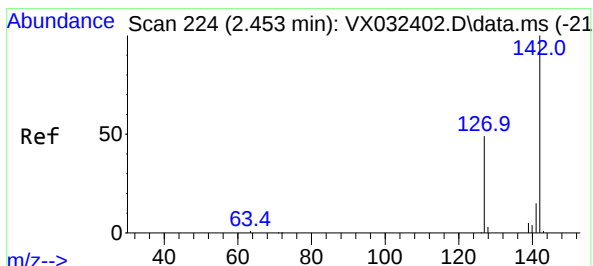
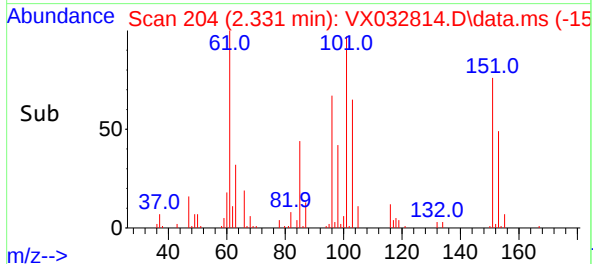
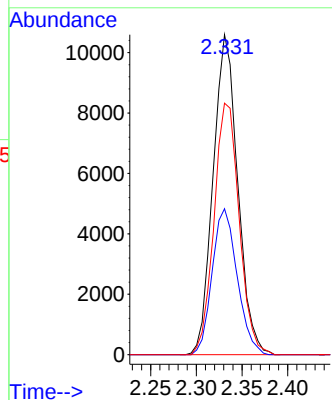
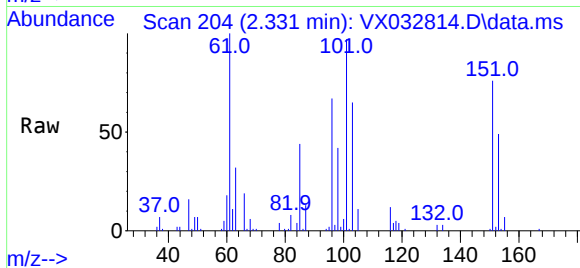




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.553 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

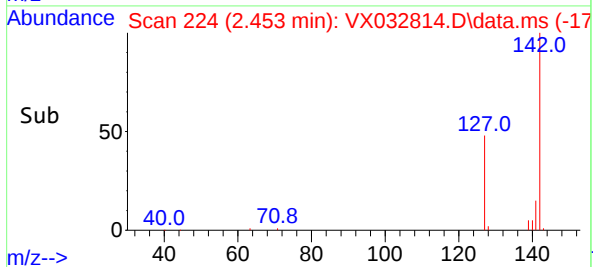
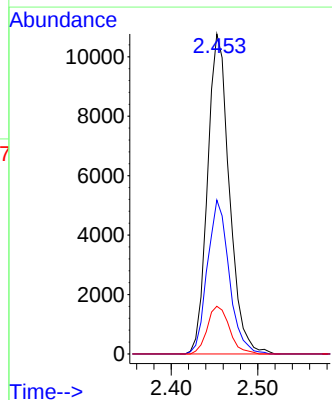
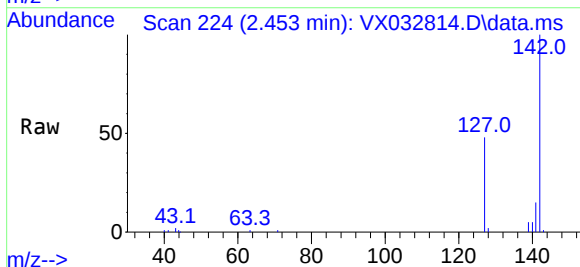
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:101 Resp: 19857  
Ion Ratio Lower Upper  
101 100  
85 46.3 37.0 55.4  
151 80.4 64.4 96.6



#10  
Methyl Iodide  
Concen: 18.750 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:142 Resp: 18810  
Ion Ratio Lower Upper  
142 100  
127 48.2 38.6 57.8  
141 15.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 75.435 ug/l

RT: 2.995 min Scan# 313

Delta R.T. 0.030 min

Lab File: VX032814.D

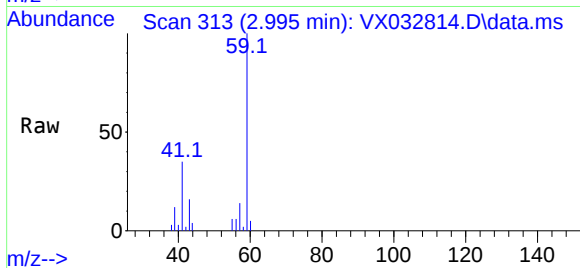
Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

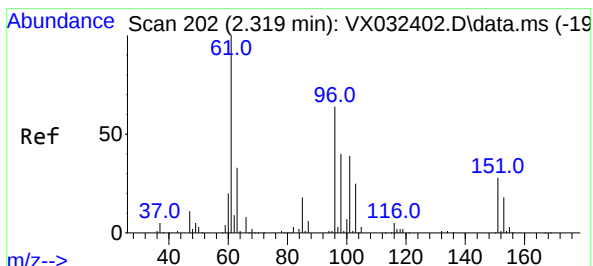
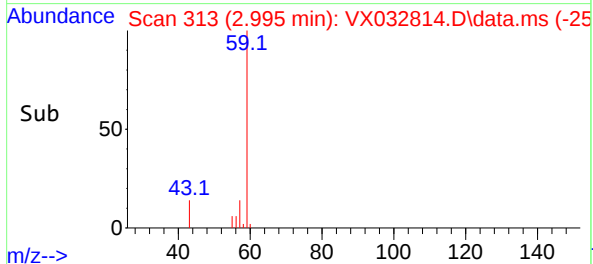
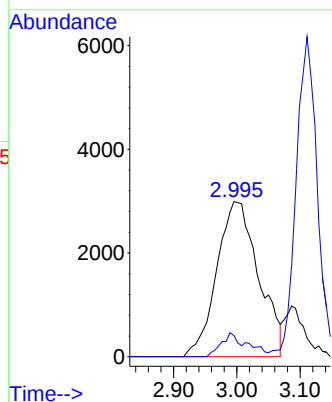


Tgt Ion: 59 Resp: 13729

Ion Ratio Lower Upper

59 100

57 6.2 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 18.526 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

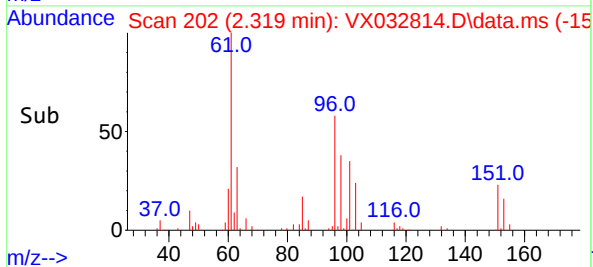
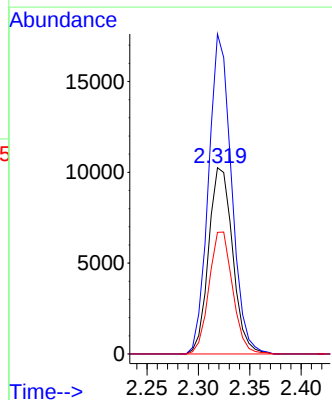
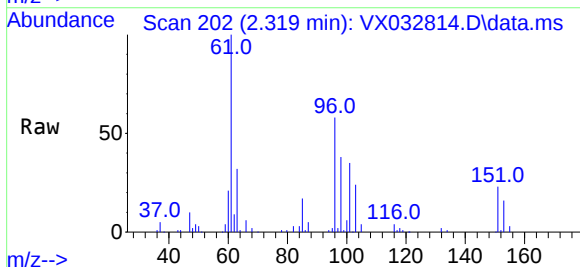
Tgt Ion: 96 Resp: 16720

Ion Ratio Lower Upper

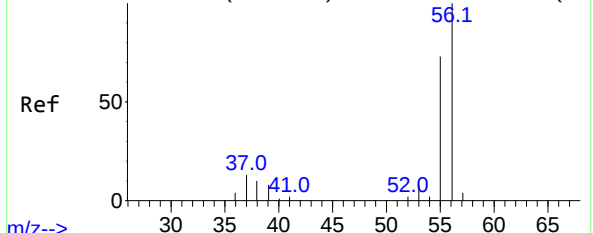
96 100

61 171.9 125.1 187.7

98 65.4 50.6 76.0



Abundance Scan 188 (2.233 min): VX032402.D\data.ms (-18



#13

Acrolein

Concen: 65.821 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

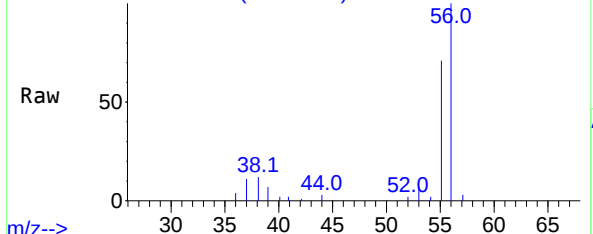
Tgt Ion: 56 Resp: 11959

Ion Ratio Lower Upper

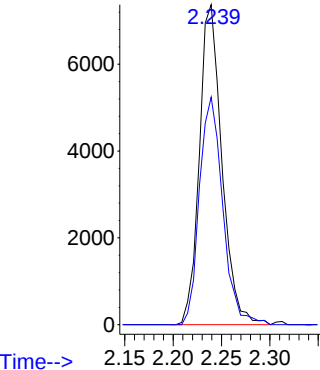
56 100

55 73.5 56.9 85.3

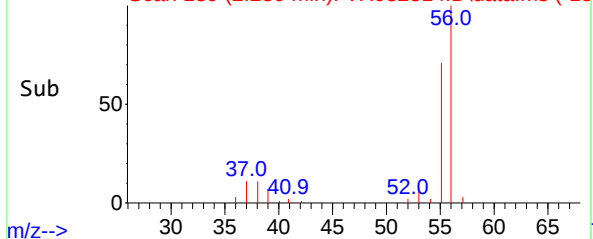
Abundance Scan 189 (2.239 min): VX032814.D\data.ms



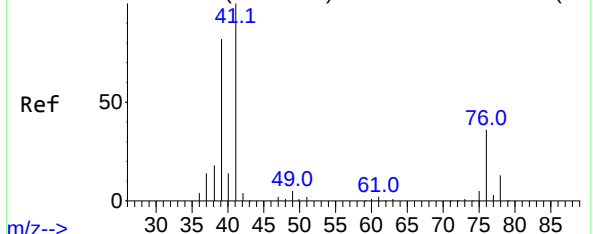
Abundance



Abundance Scan 189 (2.239 min): VX032814.D\data.ms (-13



Abundance Scan 259 (2.666 min): VX032402.D\data.ms (-24



#14

Allyl chloride

Concen: 19.377 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Tgt Ion: 41 Resp: 27877

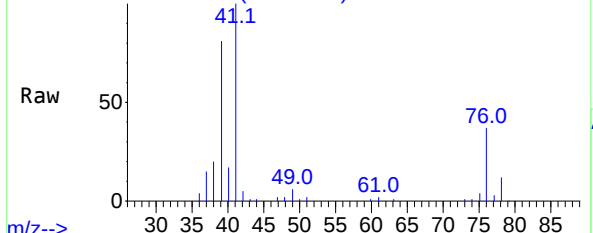
Ion Ratio Lower Upper

41 100

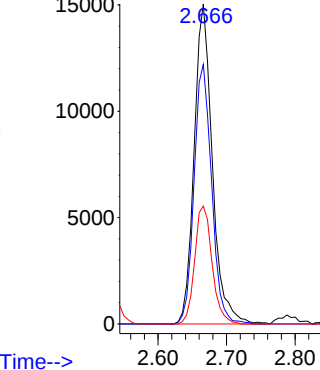
39 78.1 61.4 92.2

76 35.1 29.2 43.8

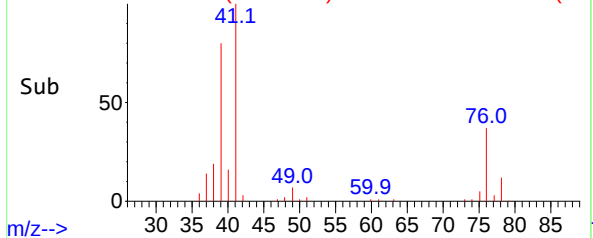
Abundance Scan 259 (2.666 min): VX032814.D\data.ms

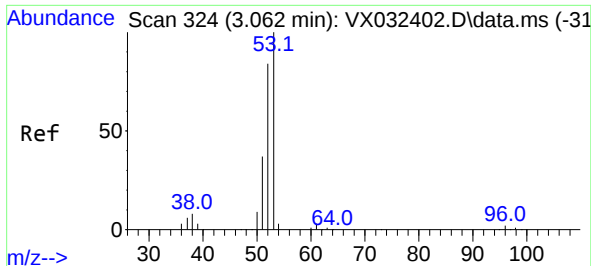


Abundance



Abundance Scan 259 (2.666 min): VX032814.D\data.ms (-21

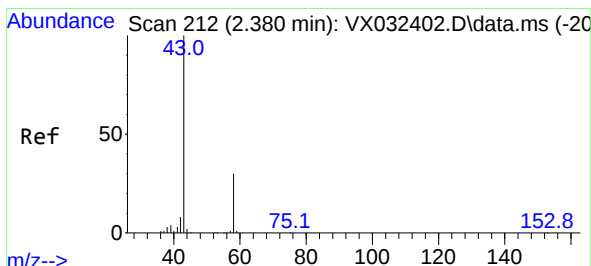
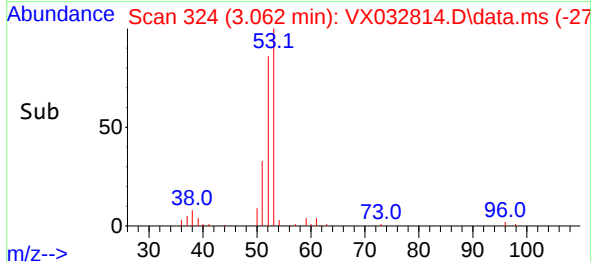
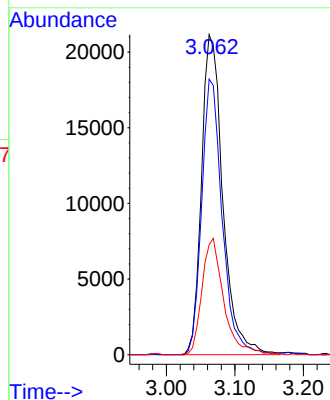
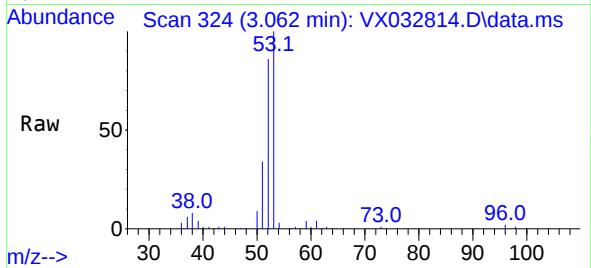




#15  
Acrylonitrile  
Concen: 92.932 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

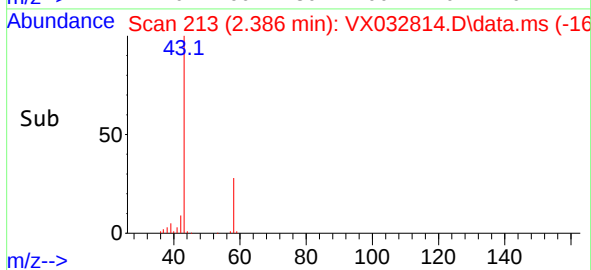
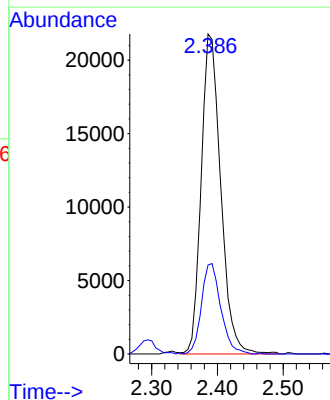
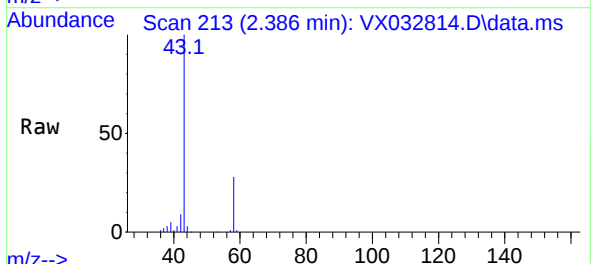
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

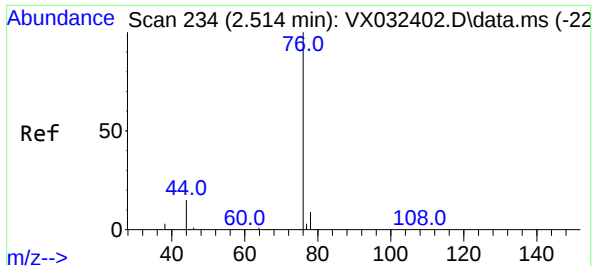
Tgt Ion: 53 Resp: 45902  
Ion Ratio Lower Upper  
53 100  
52 82.7 67.4 101.0  
51 37.0 30.3 45.5



#16  
Acetone  
Concen: 98.771 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 43 Resp: 44889  
Ion Ratio Lower Upper  
43 100  
58 27.8 23.8 35.8

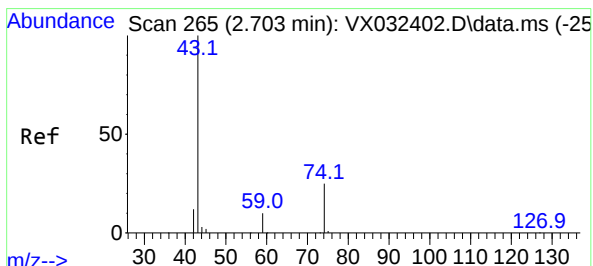
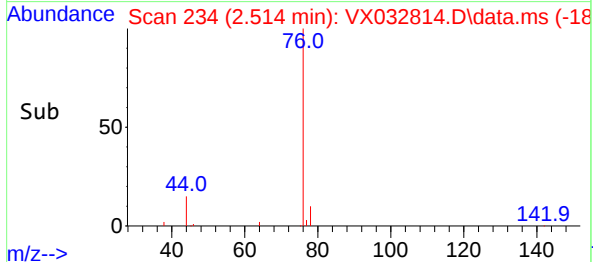
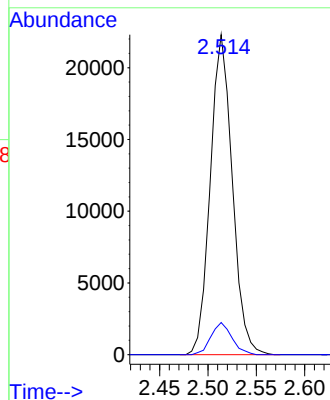
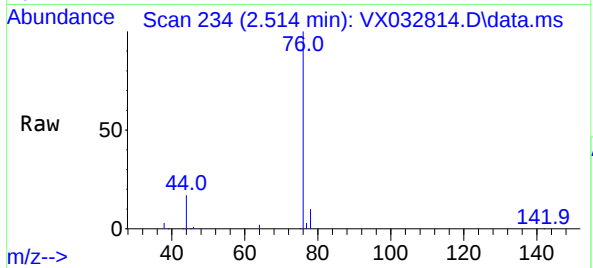




#17  
Carbon Disulfide  
Concen: 16.429 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

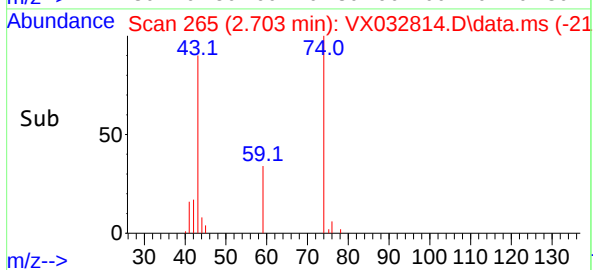
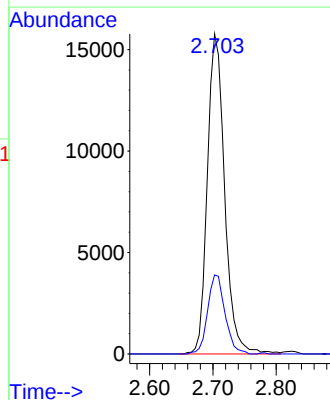
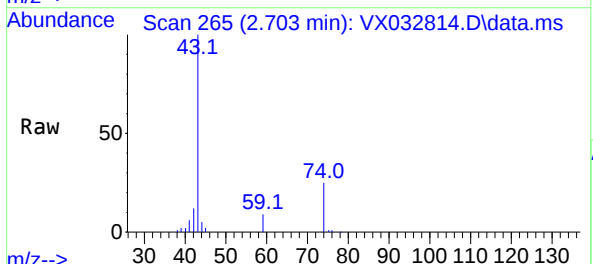
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

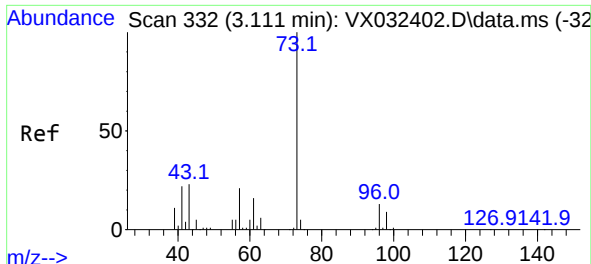
Tgt Ion: 76 Resp: 35316  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.5 11.3



#18  
Methyl Acetate  
Concen: 20.320 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 43 Resp: 30031  
Ion Ratio Lower Upper  
43 100  
74 24.8 19.4 29.0

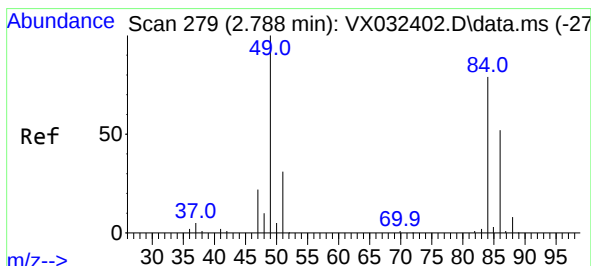
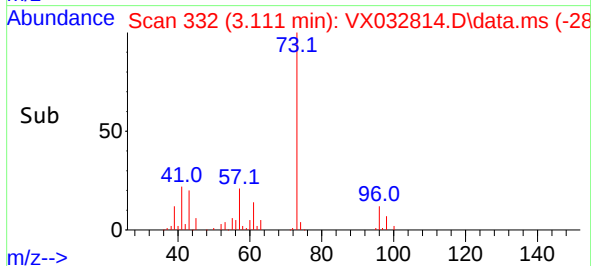
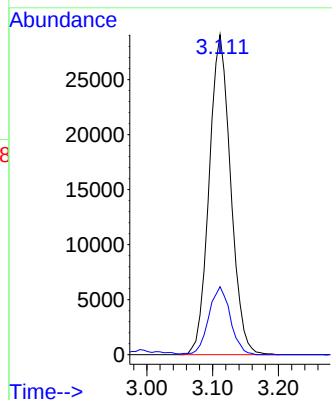
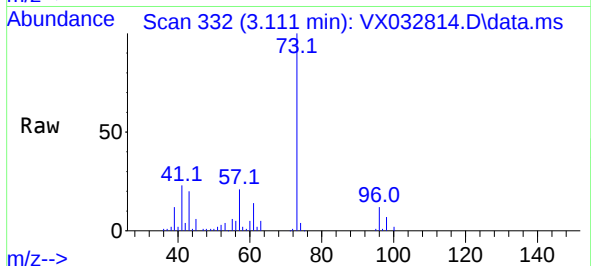




#19  
Methyl tert-butyl Ether  
Concen: 20.836 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

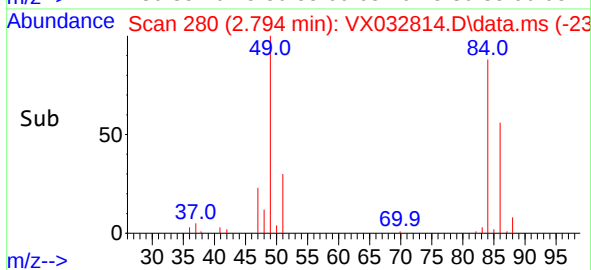
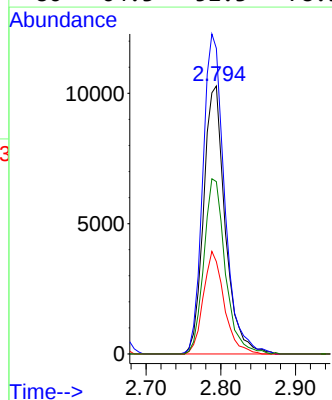
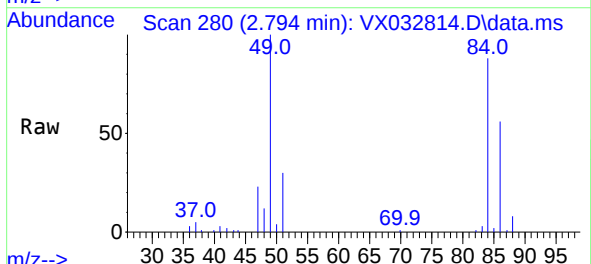
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

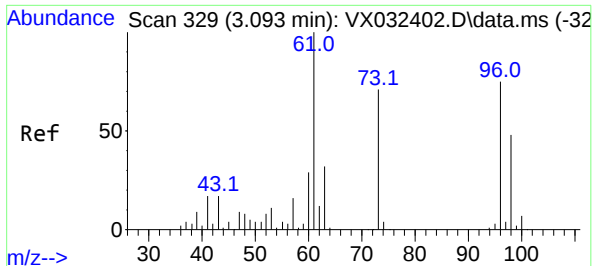
Tgt Ion: 73 Resp: 66092  
Ion Ratio Lower Upper  
73 100  
57 21.2 16.6 25.0



#20  
Methylene Chloride  
Concen: 19.816 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 84 Resp: 20649  
Ion Ratio Lower Upper  
84 100  
49 114.0 101.0 151.6  
51 34.4 31.1 46.7  
86 64.3 52.3 78.5



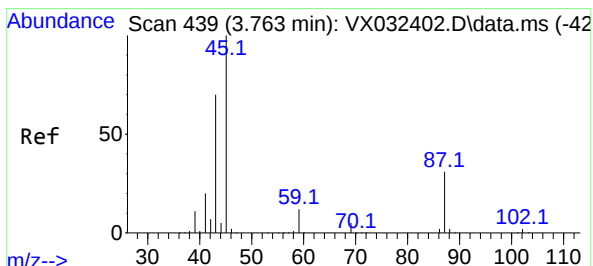
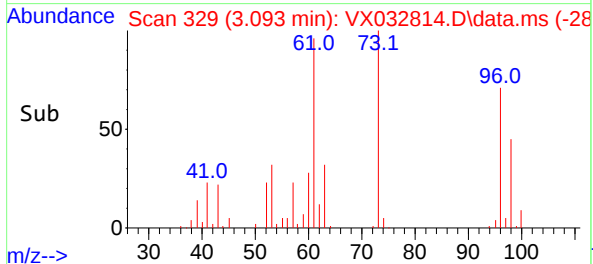
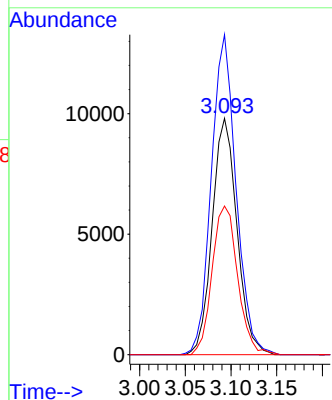
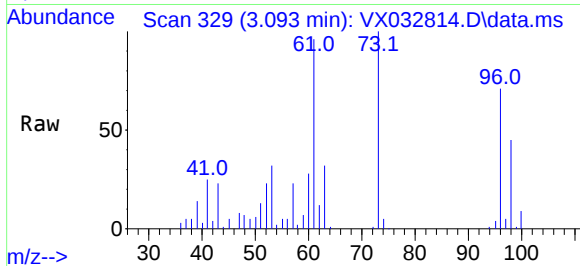


#21  
trans-1,2-Dichloroethene  
Concen: 18.828 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 96 Resp: 18496

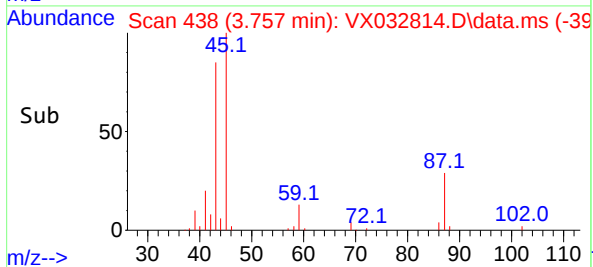
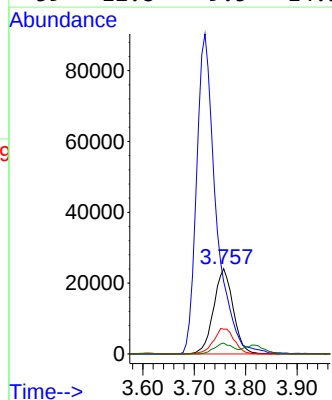
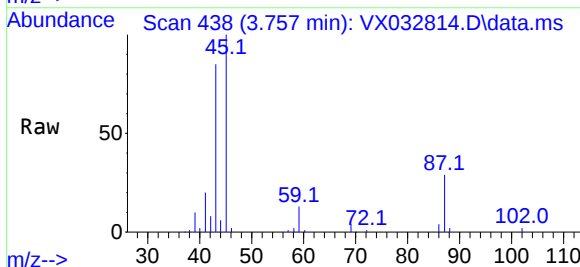
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 135.4 | 106.6 | 160.0 |
| 98  | 62.9  | 51.0  | 76.6  |



#22  
Diisopropyl ether  
Concen: 20.385 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 45 Resp: 63436

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 84.3  | 56.4  | 84.6  |
| 87  | 29.0  | 24.4  | 36.6  |
| 59  | 12.8  | 9.5   | 14.3  |

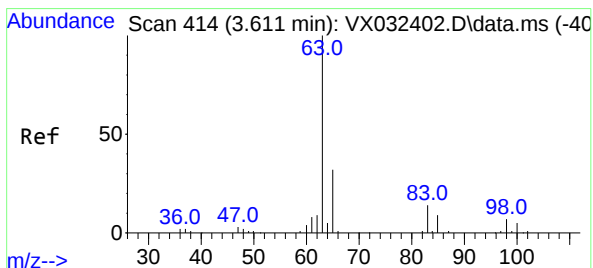
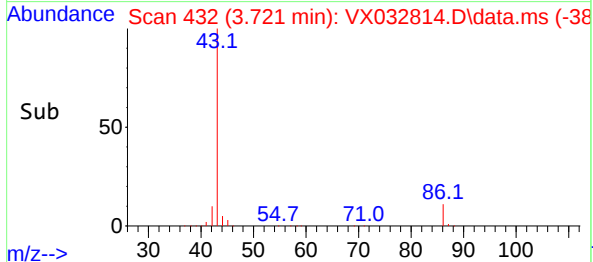
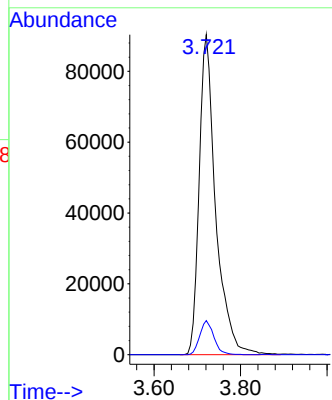
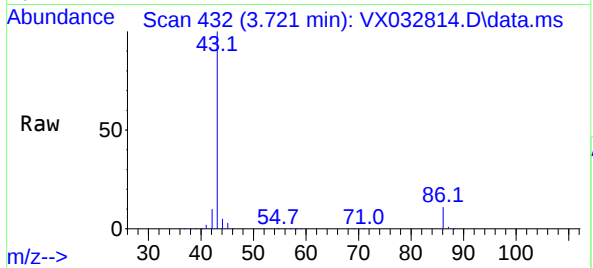




#23  
 Vinyl Acetate  
 Concen: 95.242 ug/l  
 RT: 3.721 min Scan# 411  
 Delta R.T. -0.000 min  
 Lab File: VX032814.D  
 Acq: 15 Nov 2022 11:58

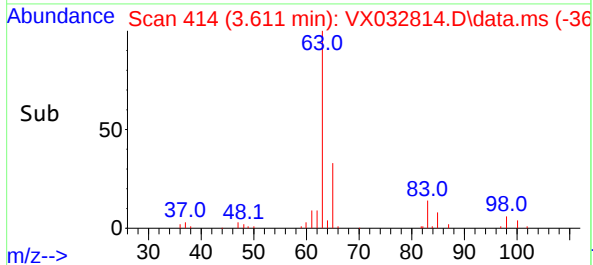
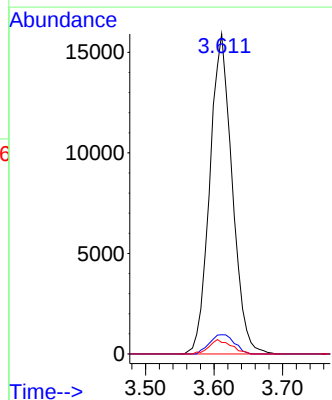
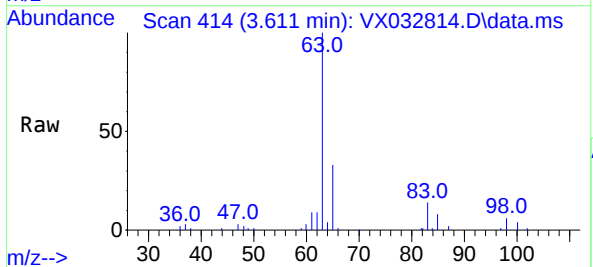
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1115WBSD01

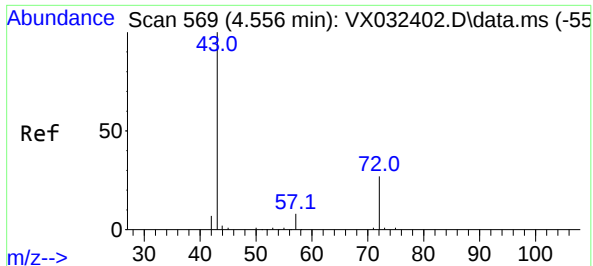
Tgt Ion: 43 Resp: 239449  
 Ion Ratio Lower Upper  
 43 100  
 86 10.6 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 20.192 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX032814.D  
 Acq: 15 Nov 2022 11:58

Tgt Ion: 63 Resp: 36142  
 Ion Ratio Lower Upper  
 63 100  
 98 6.0 3.5 10.4  
 100 3.6 2.3 6.8





#25

2-Butanone

Concen: 90.404 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

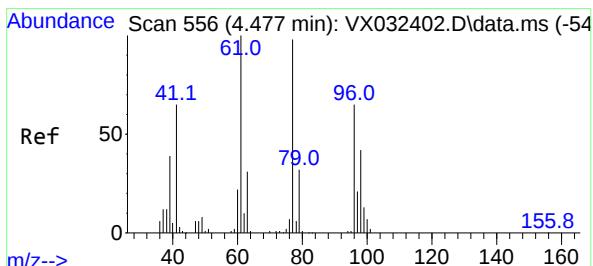
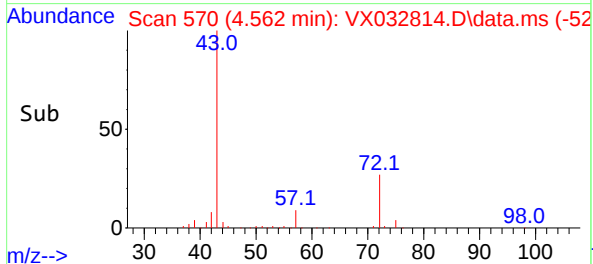
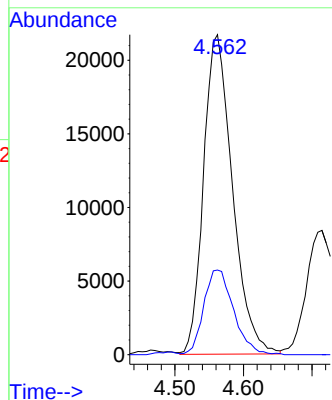
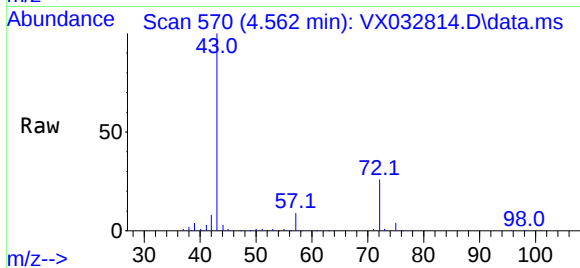
VX1115WBSD01

Tgt Ion: 43 Resp: 63654

Ion Ratio Lower Upper

43 100

72 26.3 22.2 33.2



#26

2,2-Dichloropropane

Concen: 20.332 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX032814.D

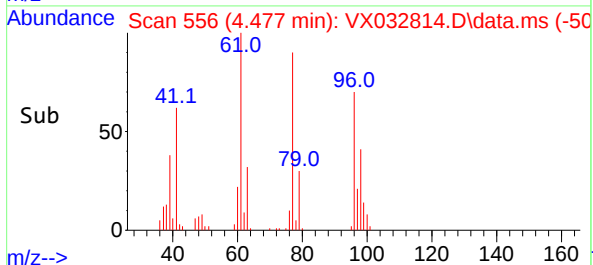
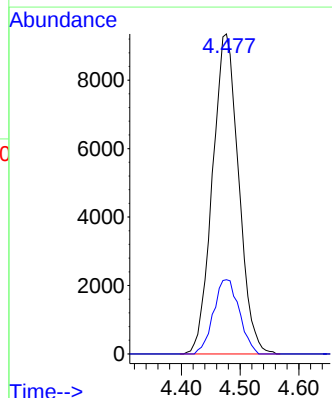
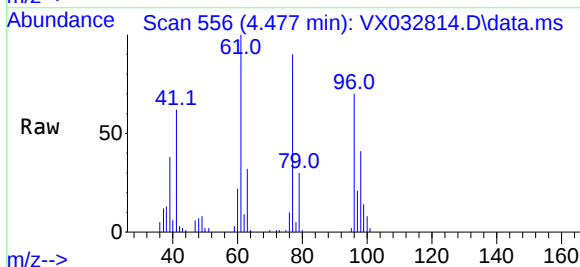
Acq: 15 Nov 2022 11:58

Tgt Ion: 77 Resp: 28929

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1



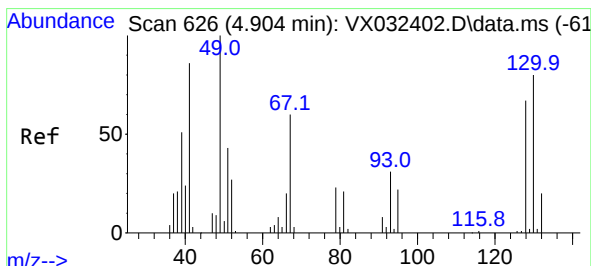
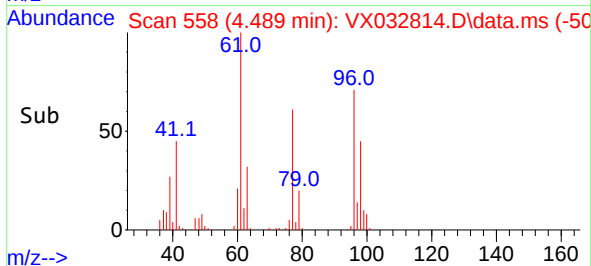
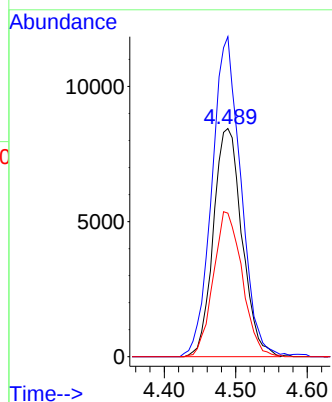
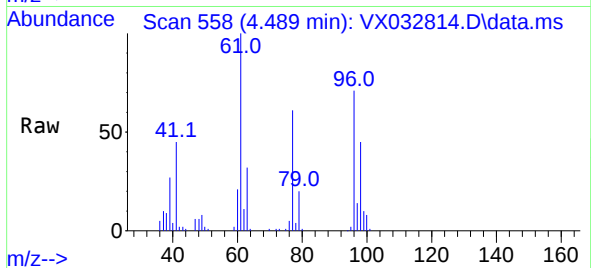


#27  
 cis-1,2-Dichloroethene  
 Concen: 20.701 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: VX032814.D  
 Acq: 15 Nov 2022 11:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1115WBSD01

Tgt Ion: 96 Resp: 23506

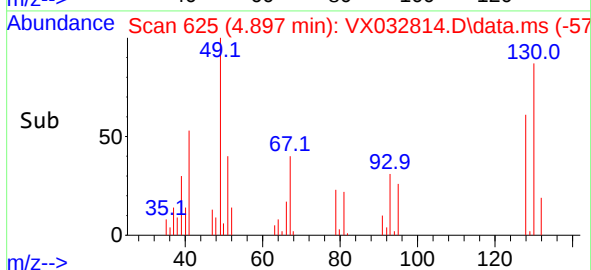
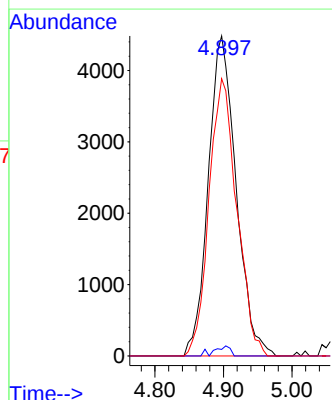
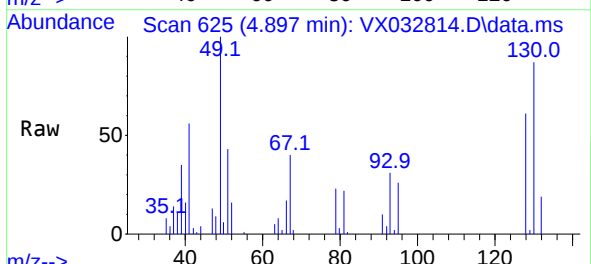
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.9 | 0.0   | 286.0 |
| 98  | 64.0  | 0.0   | 129.6 |

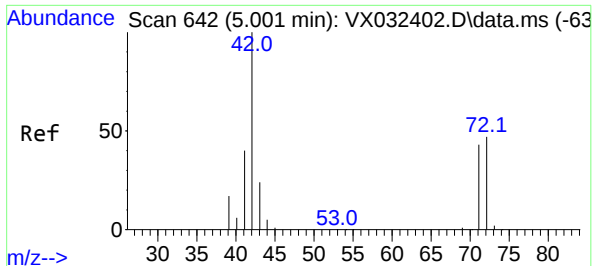


#28  
 Bromochloromethane  
 Concen: 19.837 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX032814.D  
 Acq: 15 Nov 2022 11:58

Tgt Ion: 49 Resp: 12647

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.8   | 0.0   | 3.8   |
| 130 | 86.5  | 67.5  | 101.3 |





#29

Tetrahydrofuran

Concen: 86.890 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

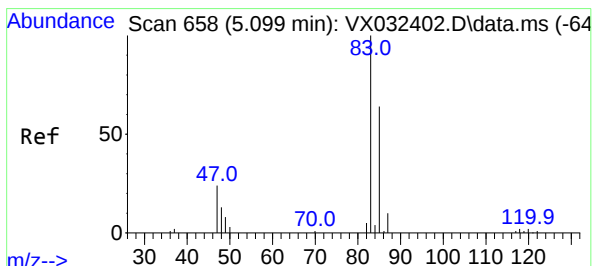
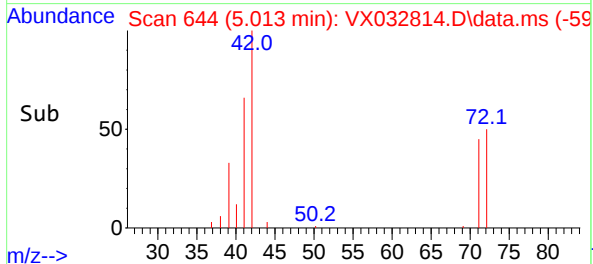
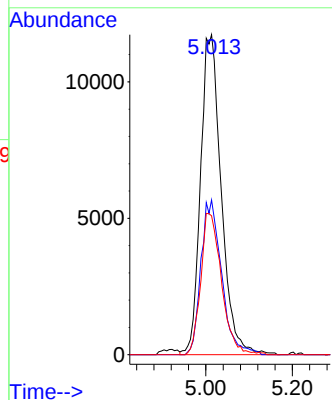
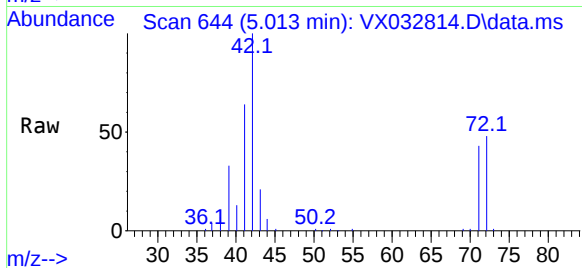
Tgt Ion: 42 Resp: 39012

Ion Ratio Lower Upper

42 100

72 48.3 37.6 56.4

71 44.0 34.7 52.1



#30

Chloroform

Concen: 21.149 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032814.D

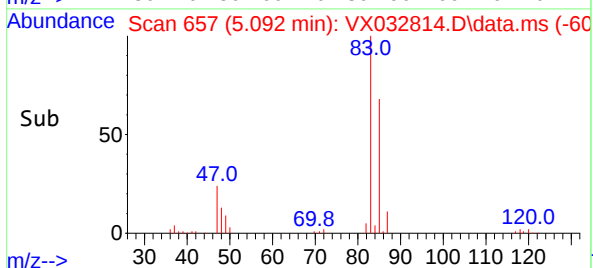
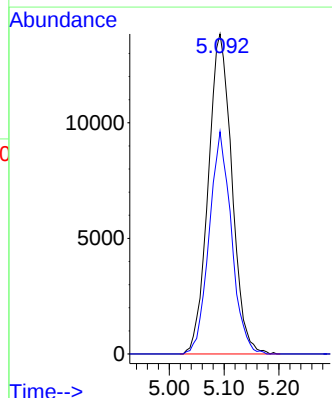
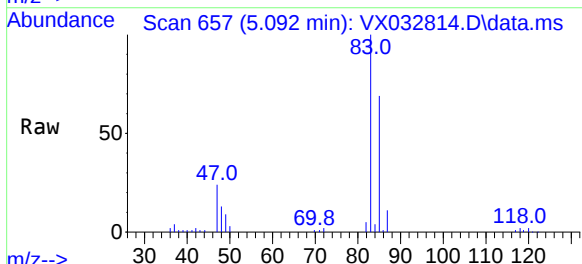
Acq: 15 Nov 2022 11:58

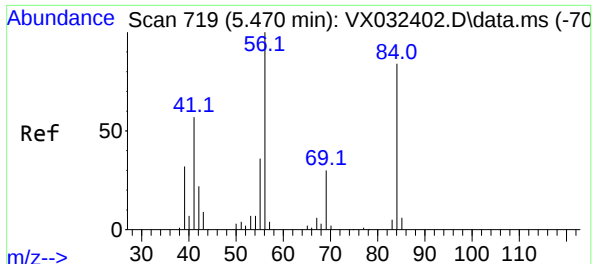
Tgt Ion: 83 Resp: 41537

Ion Ratio Lower Upper

83 100

85 69.4 51.1 76.7

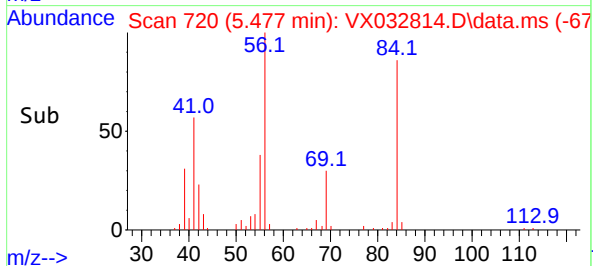
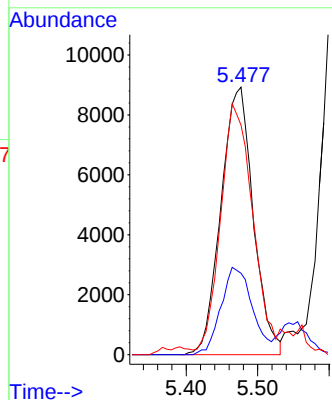
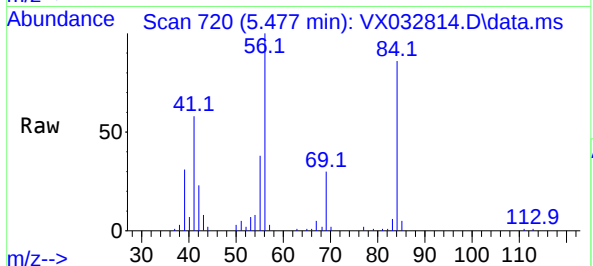




#31  
Cyclohexane  
Concen: 18.464 ug/l  
RT: 5.477 min Scan# 719  
Delta R.T. 0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

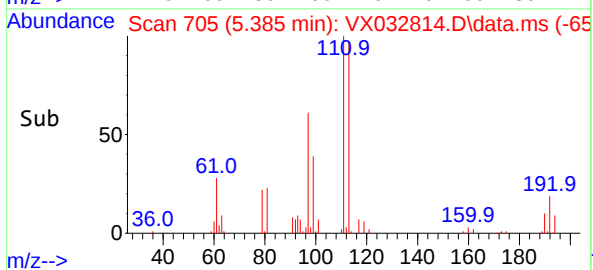
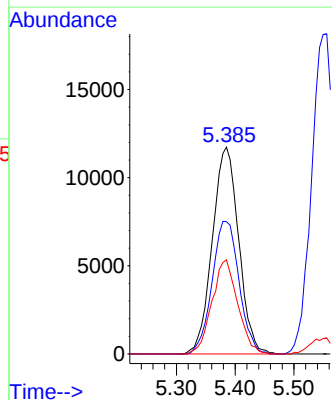
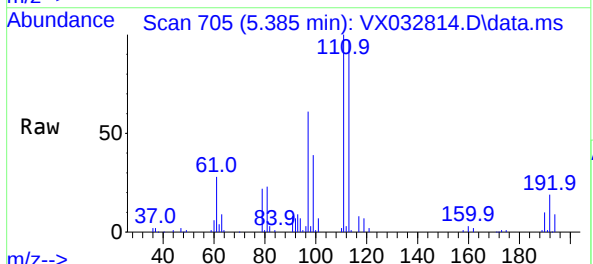
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

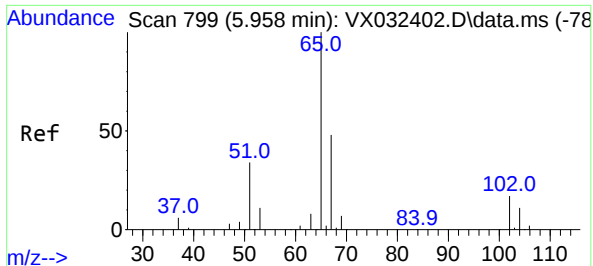
Tgt Ion: 56 Resp: 27993  
Ion Ratio Lower Upper  
56 100  
69 30.4 24.1 36.1  
84 82.9 66.9 100.3



#32  
1,1,1-Trichloroethane  
Concen: 20.738 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 97 Resp: 36551  
Ion Ratio Lower Upper  
97 100  
99 65.6 51.4 77.0  
61 44.4 35.2 52.8

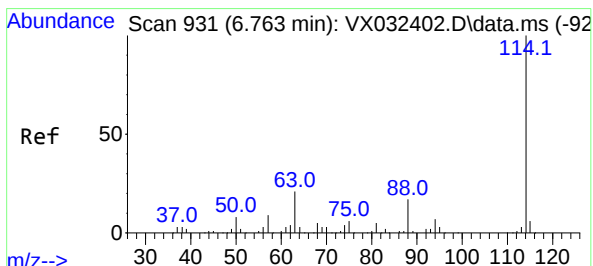
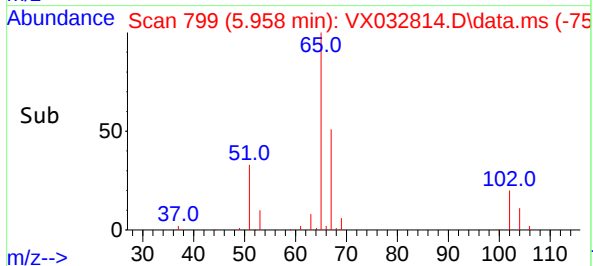
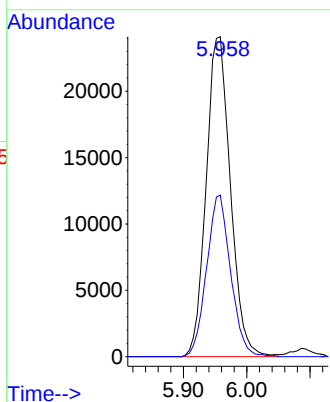
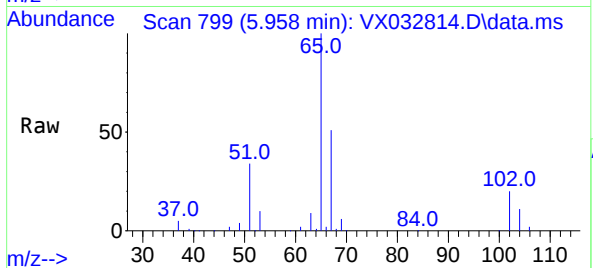




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.331 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. -0.000 min  
 Lab File: VX032814.D  
 Acq: 15 Nov 2022 11:58

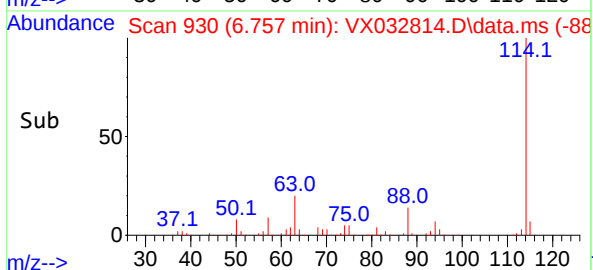
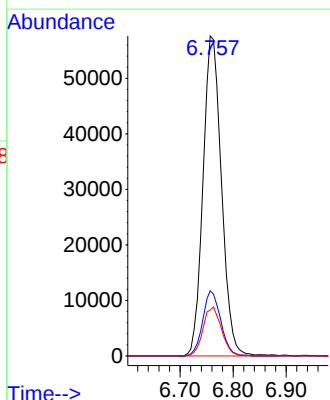
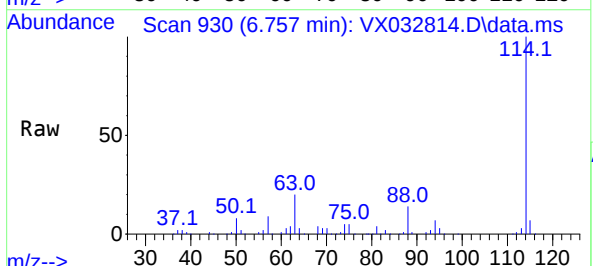
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1115WBSD01

Tgt Ion: 65 Resp: 64186  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.006 min  
 Lab File: VX032814.D  
 Acq: 15 Nov 2022 11:58

Tgt Ion: 114 Resp: 139435  
 Ion Ratio Lower Upper  
 114 100  
 63 20.3 0.0 41.6  
 88 14.3 0.0 33.4

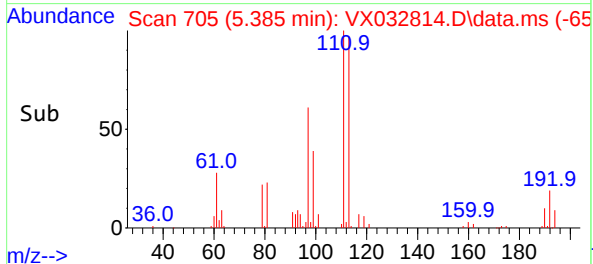
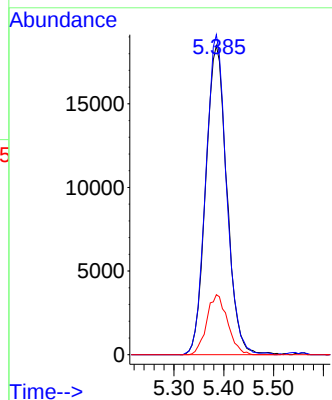
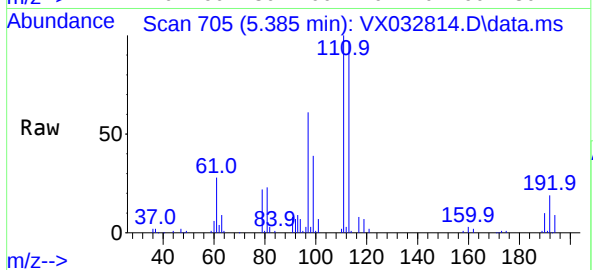




#35  
Dibromofluoromethane  
Concen: 54.658 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

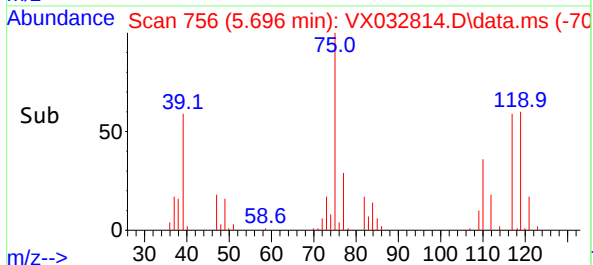
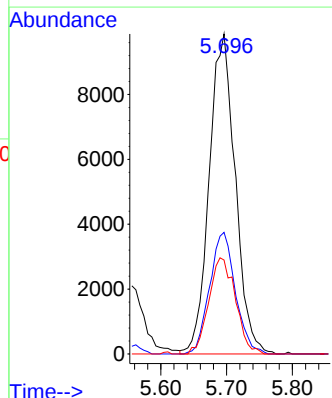
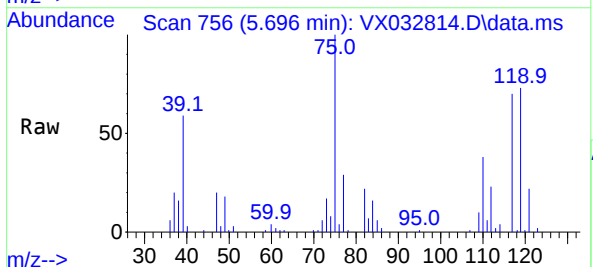
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

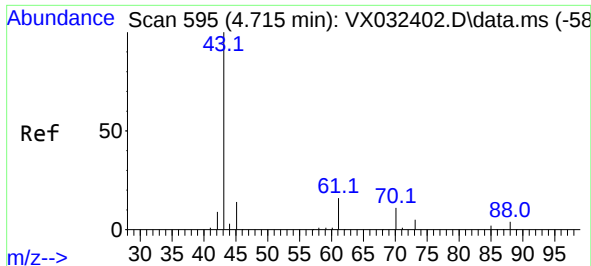
Tgt Ion:113 Resp: 54363  
Ion Ratio Lower Upper  
113 100  
111 101.4 82.4 123.6  
192 19.2 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 19.655 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 75 Resp: 27223  
Ion Ratio Lower Upper  
75 100  
110 37.5 18.4 55.2  
77 30.7 24.5 36.7





#37

Ethyl Acetate

Concen: 17.508 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

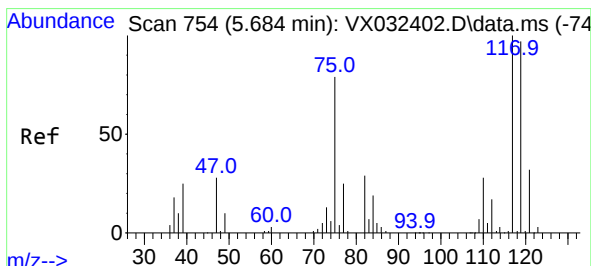
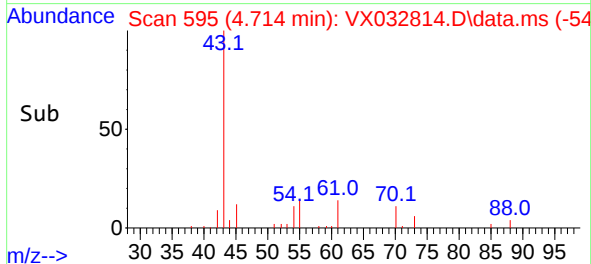
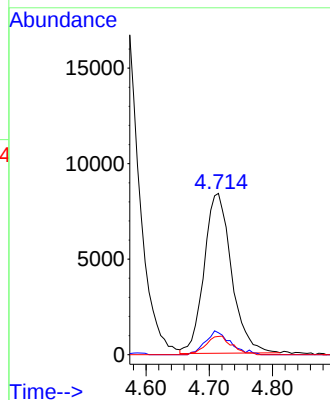
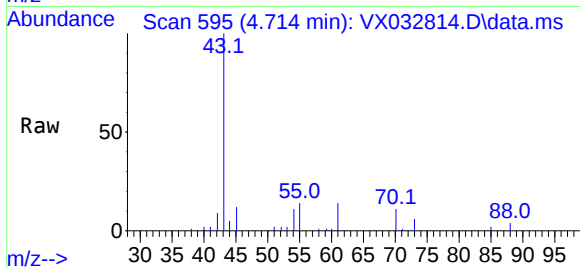
Tgt Ion: 43 Resp: 25241

Ion Ratio Lower Upper

43 100

61 13.6 11.5 17.3

70 11.0 9.1 13.7



#38

Carbon Tetrachloride

Concen: 21.013 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

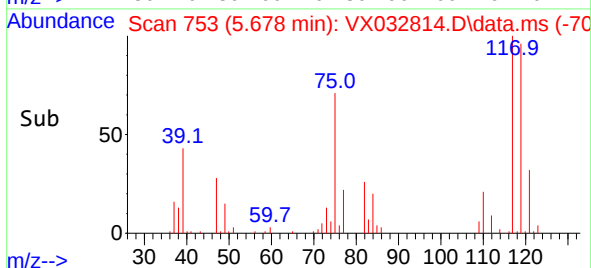
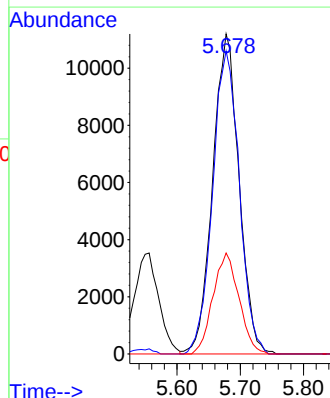
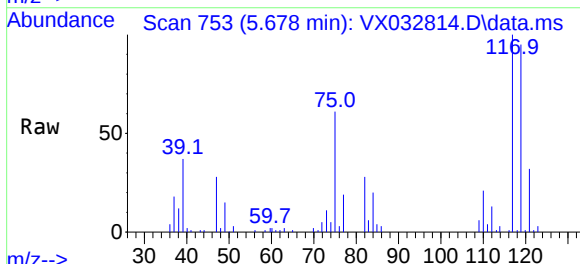
Tgt Ion: 117 Resp: 32280

Ion Ratio Lower Upper

117 100

119 94.7 77.2 115.8

121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 19.211 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

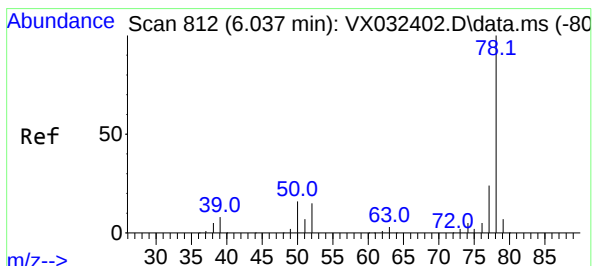
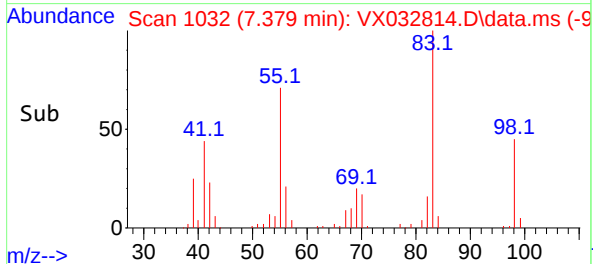
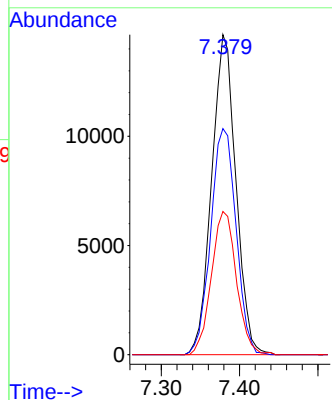
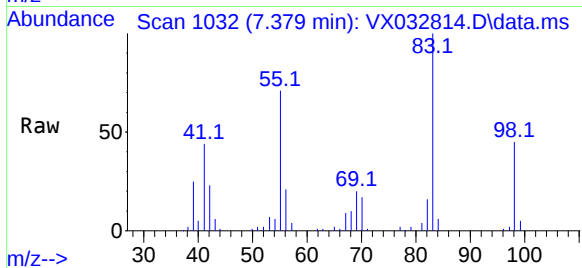
Tgt Ion: 83 Resp: 31481

Ion Ratio Lower Upper

83 100

55 70.7 58.4 87.6

98 44.8 37.2 55.8



#40

Benzene

Concen: 20.506 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX032814.D

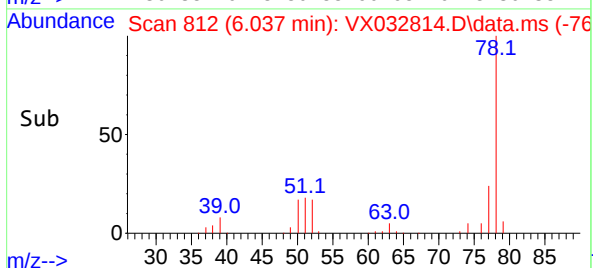
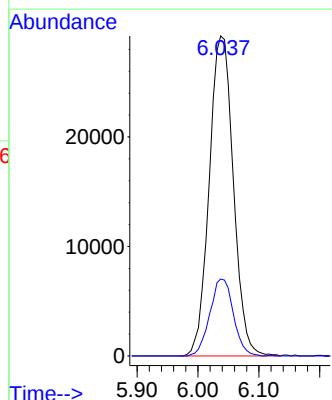
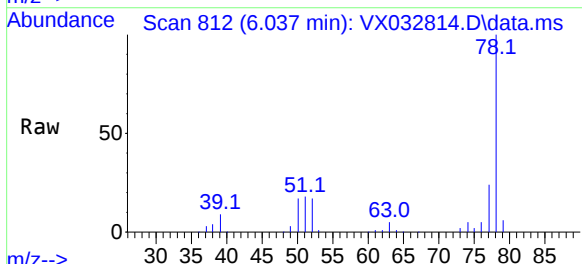
Acq: 15 Nov 2022 11:58

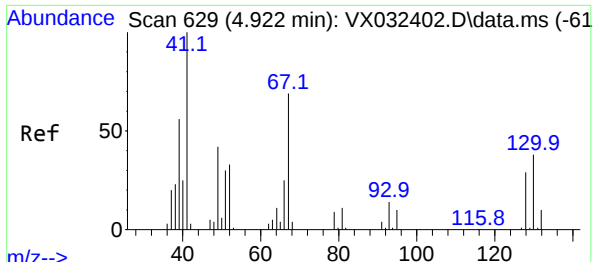
Tgt Ion: 78 Resp: 80373

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



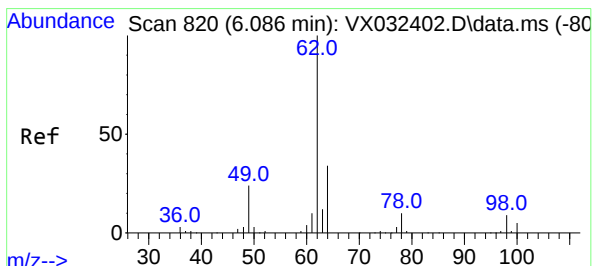
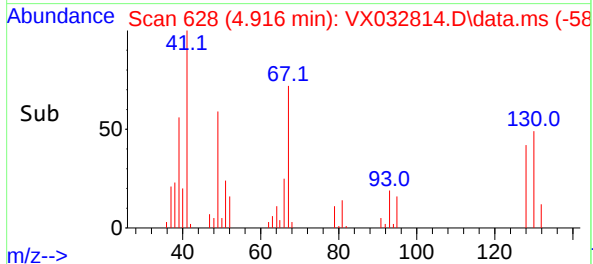
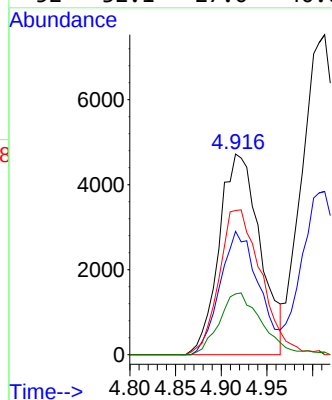
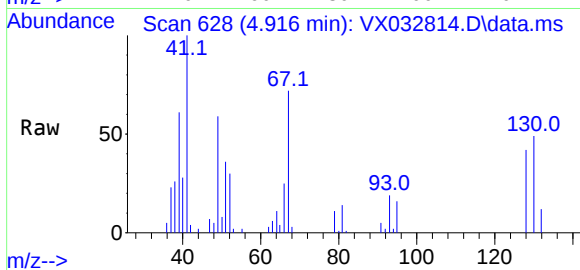


#41  
Methacrylonitrile  
Concen: 20.085 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 41 Resp: 14751

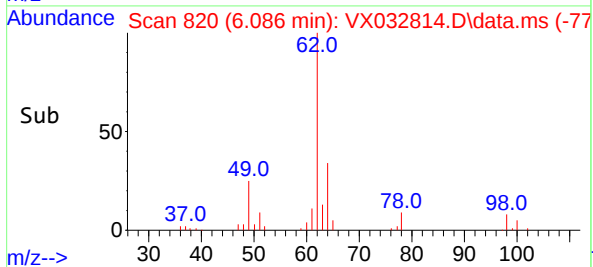
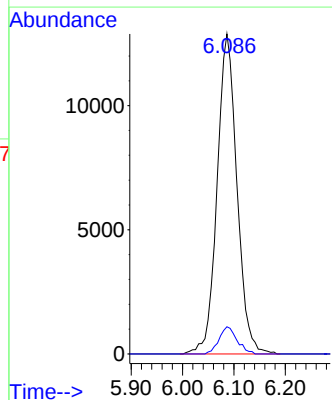
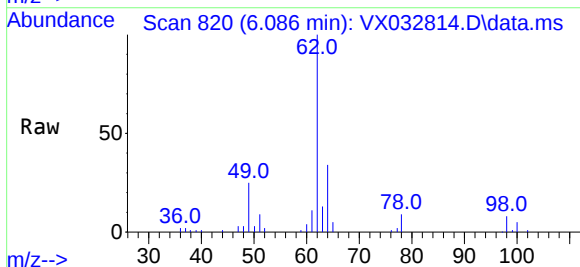
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 58.4  | 47.5  | 71.3  |
| 67  | 74.1  | 60.5  | 90.7  |
| 52  | 32.1  | 27.0  | 40.6  |

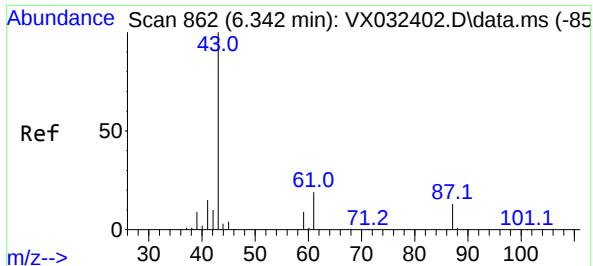


#42  
1,2-Dichloroethane  
Concen: 21.560 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 62 Resp: 34542

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.7   | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 19.455 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

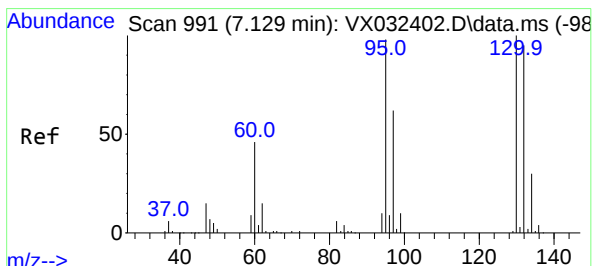
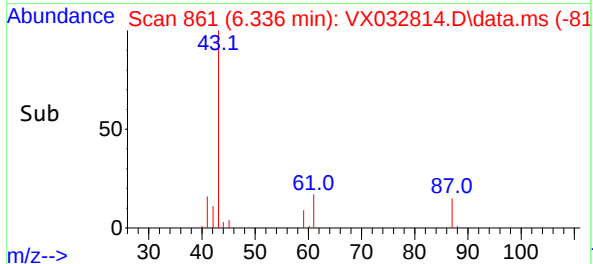
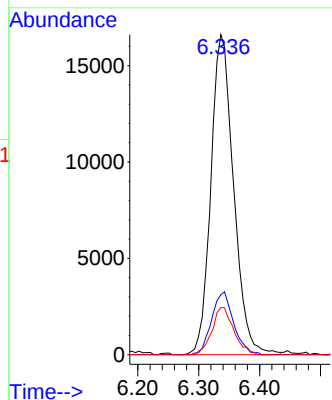
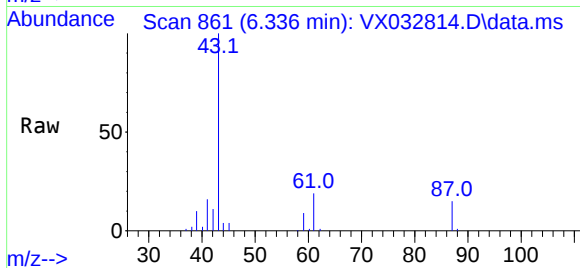
Tgt Ion: 43 Resp: 43066

Ion Ratio Lower Upper

43 100

61 18.9 15.4 23.0

87 14.2 10.8 16.2



#44

Trichloroethene

Concen: 20.856 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX032814.D

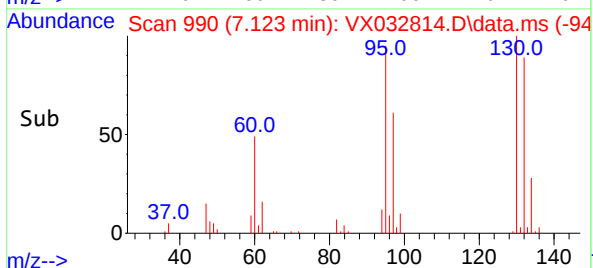
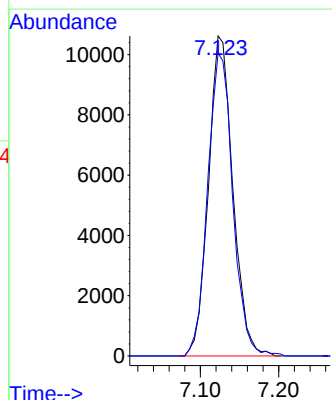
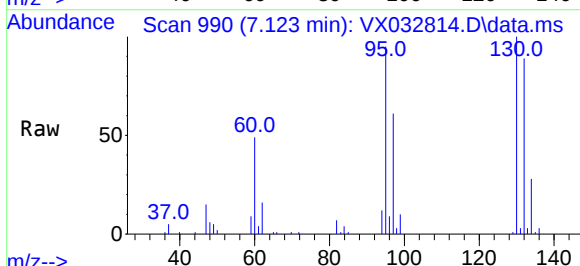
Acq: 15 Nov 2022 11:58

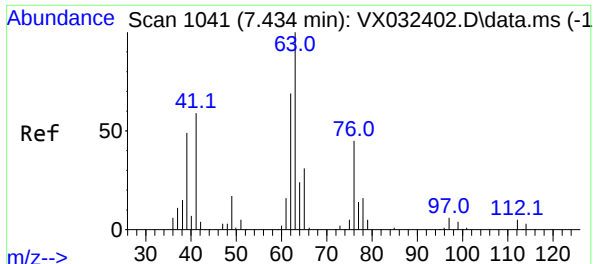
Tgt Ion:130 Resp: 23011

Ion Ratio Lower Upper

130 100

95 94.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 21.205 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

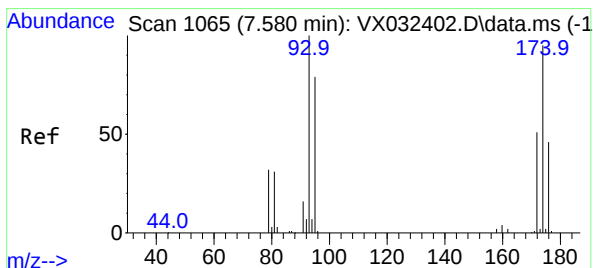
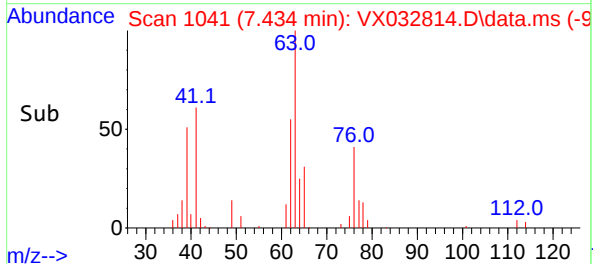
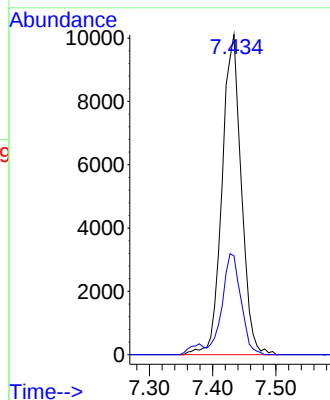
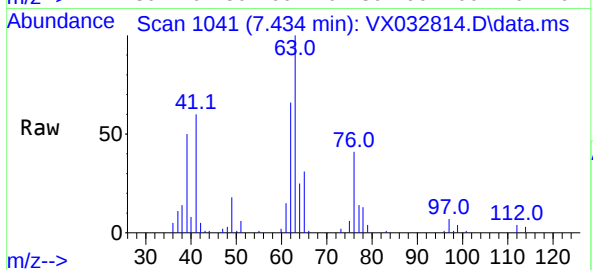
VX1115WBSD01

Tgt Ion: 63 Resp: 21335

Ion Ratio Lower Upper

63 100

65 30.9 24.6 36.8



#46

Dibromomethane

Concen: 20.999 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

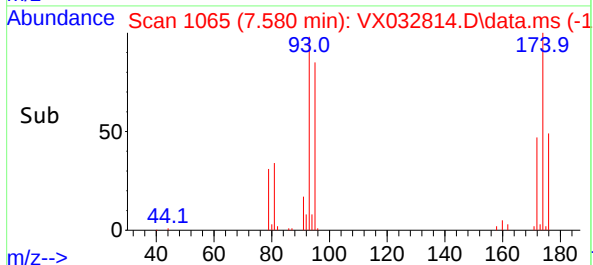
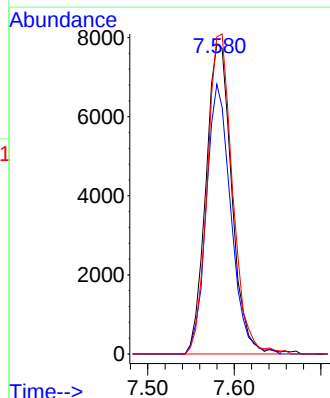
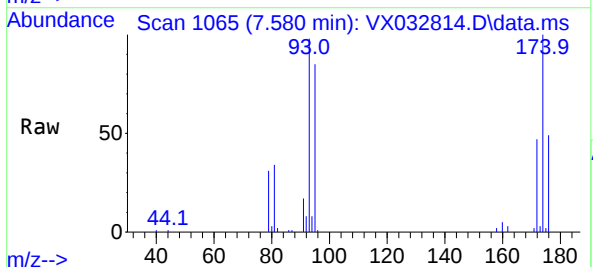
Tgt Ion: 93 Resp: 16203

Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 100.9 79.8 119.6

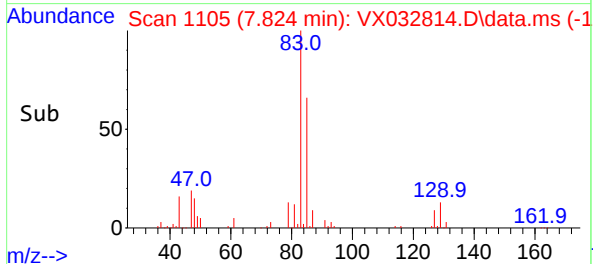
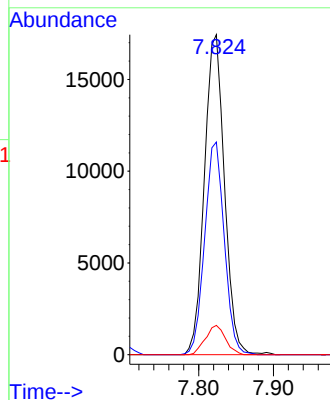
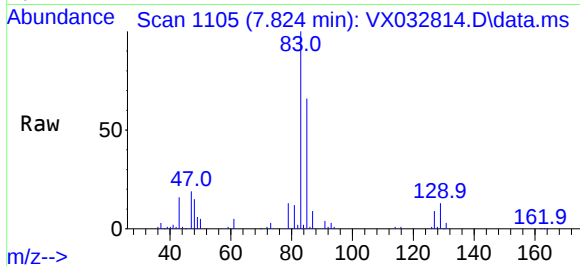




#47  
Bromodichloromethane  
Concen: 22.234 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

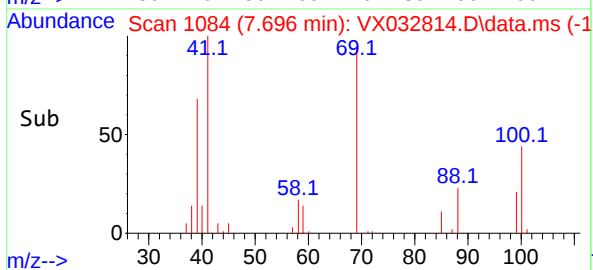
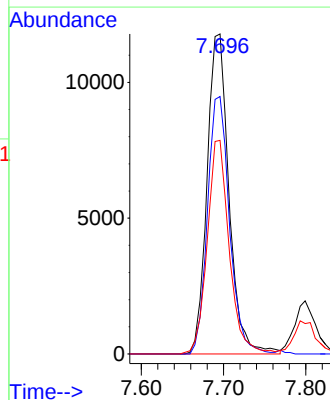
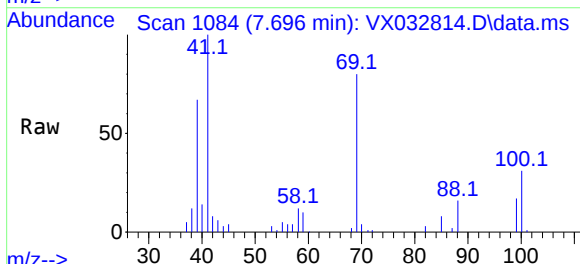
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 32515 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 66.5  | 52.2  | 78.4  |
| 127      | 9.1   | 7.4   | 11.2  |



#48  
Methyl methacrylate  
Concen: 19.092 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 21827 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 80.9  | 65.1  | 97.7  |
| 39       | 66.9  | 51.9  | 77.9  |





#49

1,4-Dioxane

Concen: 334.922 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.037 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

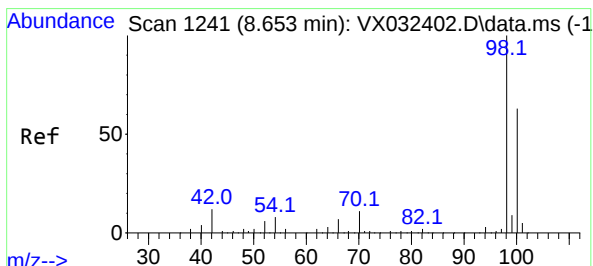
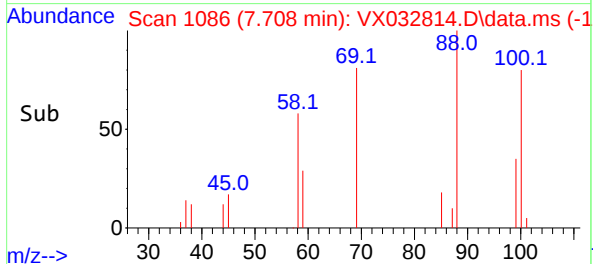
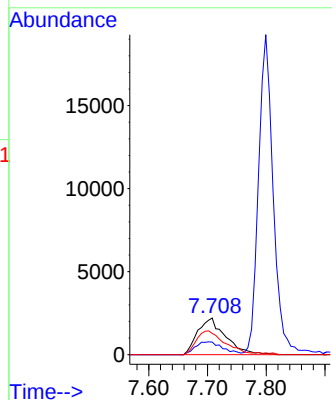
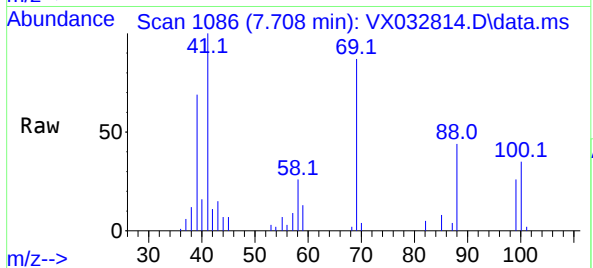
Tgt Ion: 88 Resp: 7297

Ion Ratio Lower Upper

88 100

43 34.5 26.6 39.8

58 65.9 51.7 77.5



#50

Toluene-d8

Concen: 50.151 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032814.D

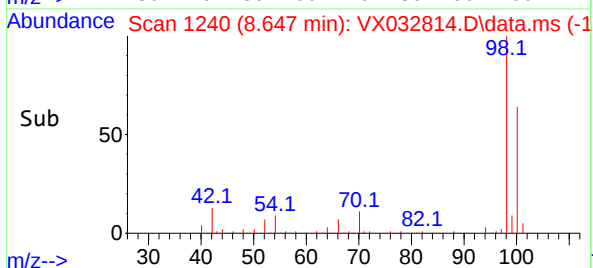
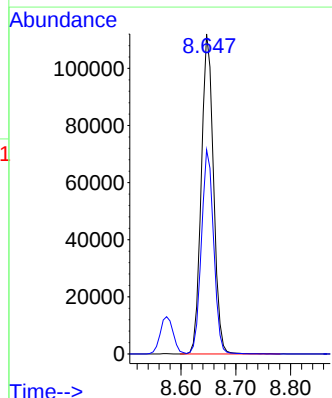
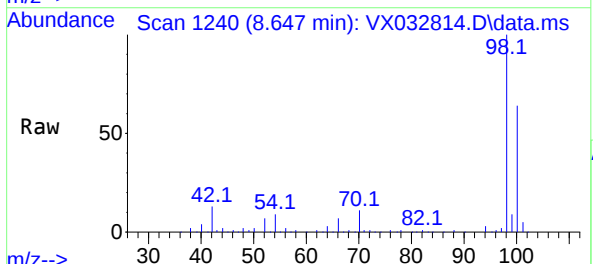
Acq: 15 Nov 2022 11:58

Tgt Ion: 98 Resp: 173445

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 96.234 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

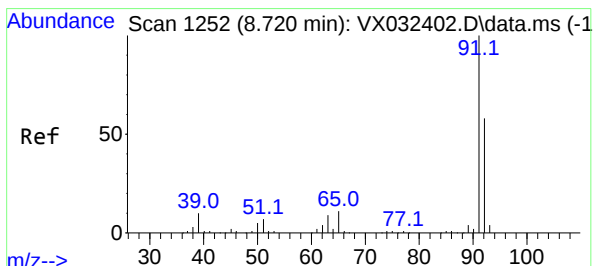
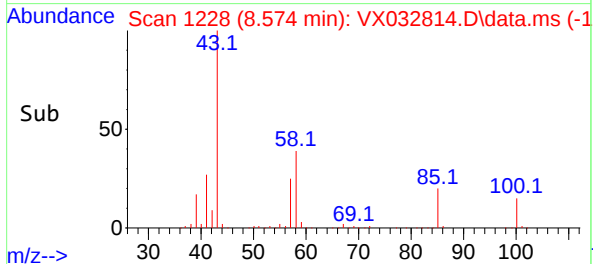
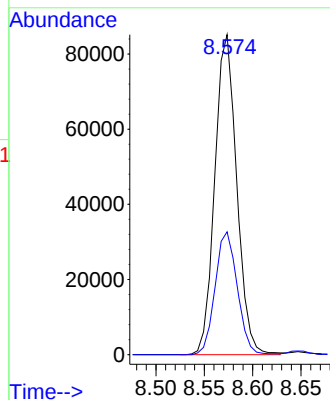
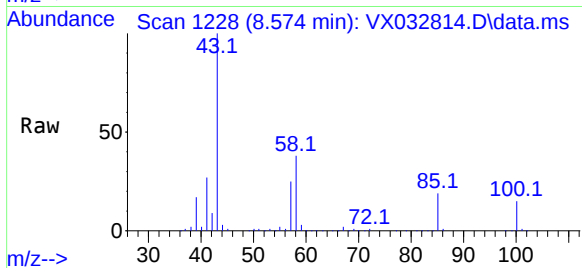
VX1115WBSD01

Tgt Ion: 43 Resp: 134178

Ion Ratio Lower Upper

43 100

58 38.8 30.9 46.3



#52

Toluene

Concen: 20.860 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032814.D

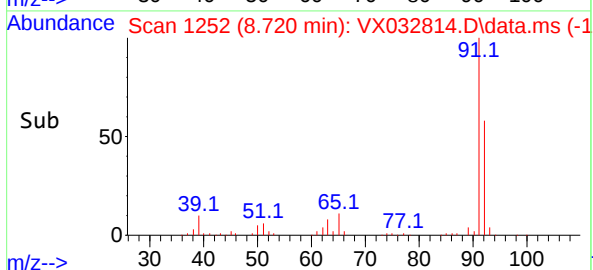
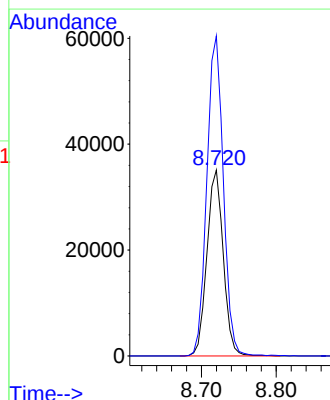
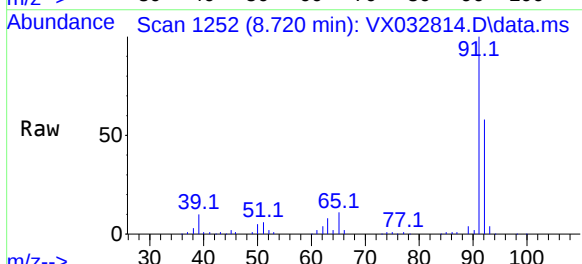
Acq: 15 Nov 2022 11:58

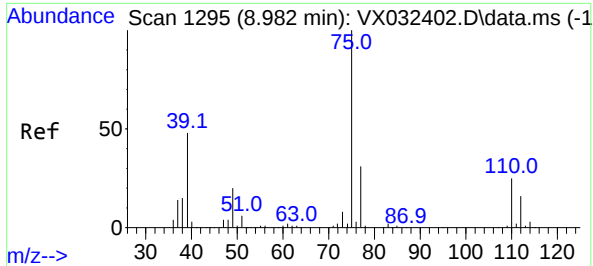
Tgt Ion: 92 Resp: 53341

Ion Ratio Lower Upper

92 100

91 173.8 138.3 207.5

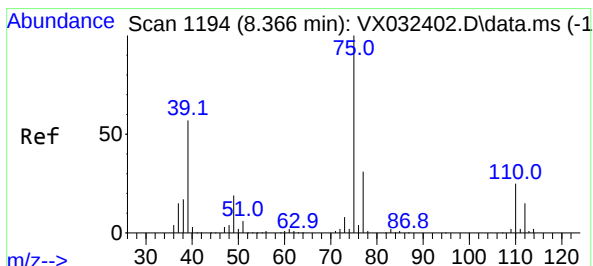
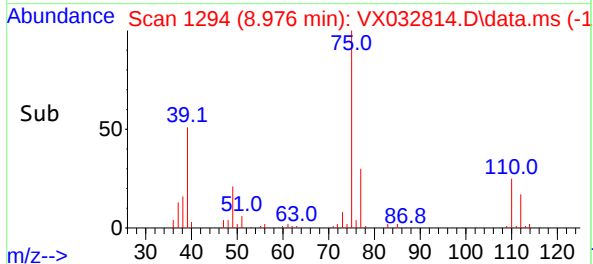
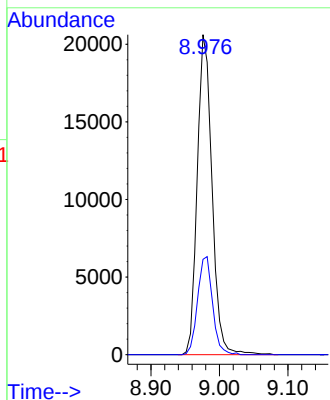
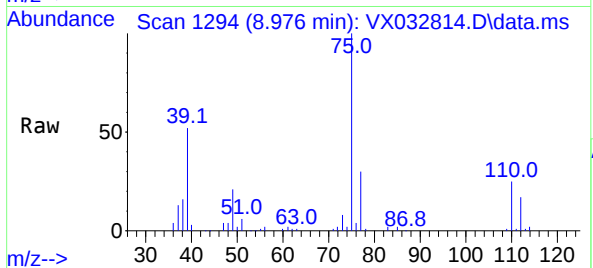




#53  
t-1,3-Dichloropropene  
Concen: 20.752 ug/l  
RT: 8.976 min Scan# 1194  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

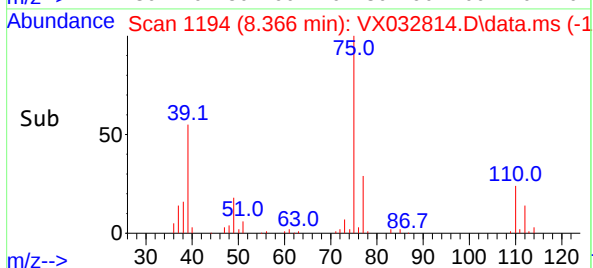
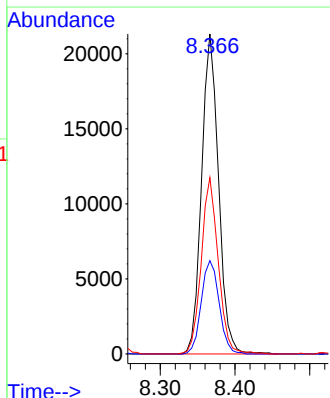
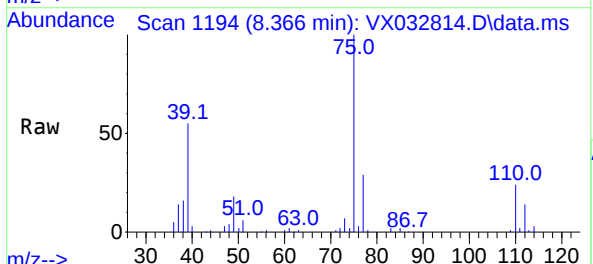
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 75 Resp: 30964  
Ion Ratio Lower Upper  
75 100  
77 29.8 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 21.033 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 75 Resp: 33567  
Ion Ratio Lower Upper  
75 100  
77 29.1 25.1 37.7  
39 55.1 45.5 68.3

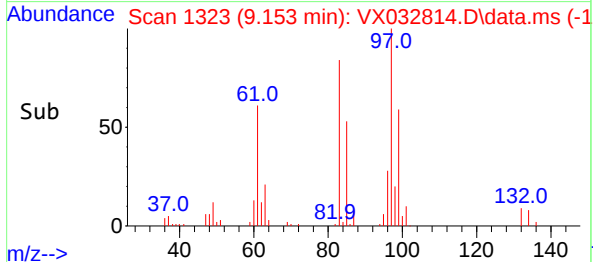
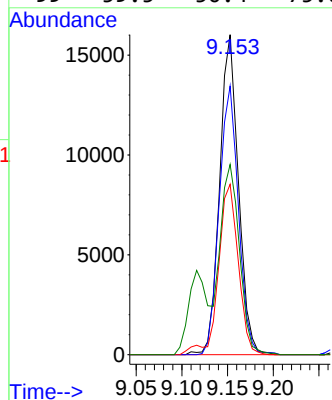
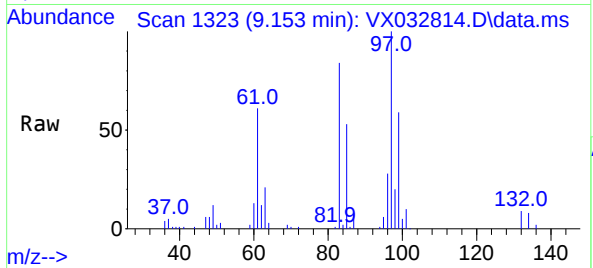




#55  
1,1,2-Trichloroethane  
Concen: 21.316 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

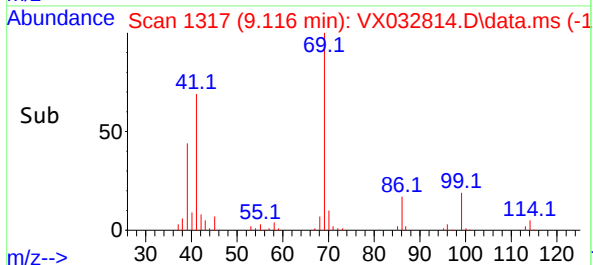
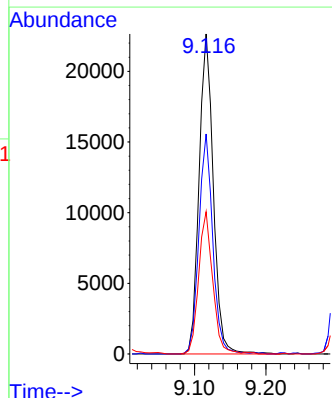
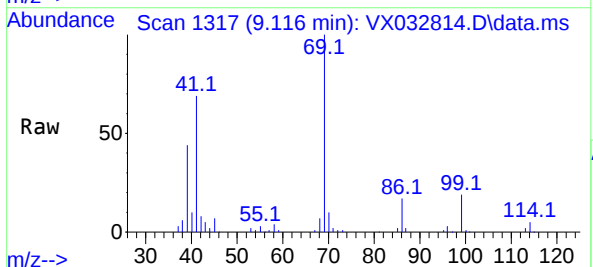
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

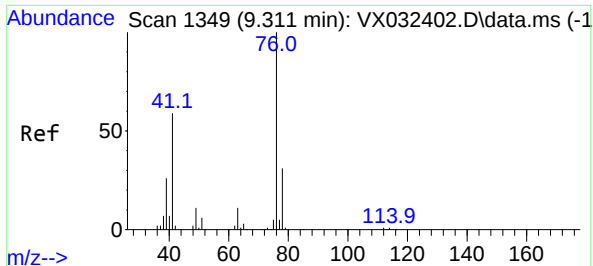
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 22956 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.0  | 68.1  | 102.1 |
| 85       | 53.2  | 43.3  | 64.9  |
| 99       | 59.5  | 50.4  | 75.6  |



#56  
Ethyl methacrylate  
Concen: 20.148 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 31224 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.1  | 54.3  | 81.5  |
| 39       | 43.8  | 35.2  | 52.8  |

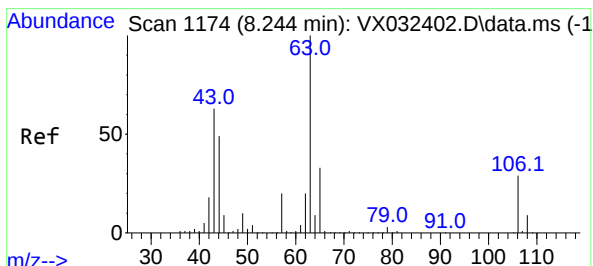
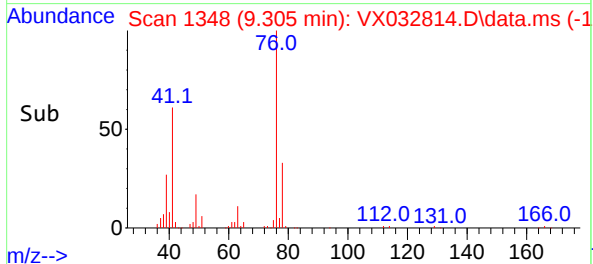
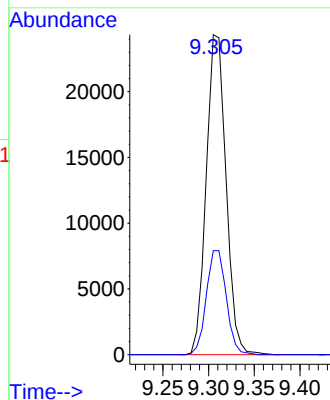
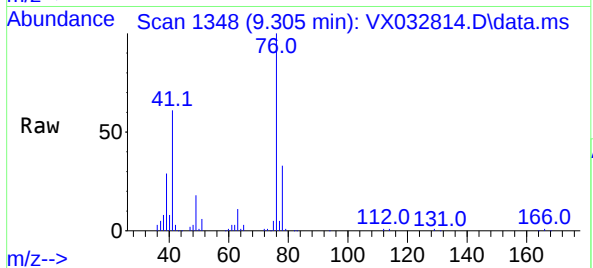




#57  
1,3-Dichloropropane  
Concen: 21.033 ug/l  
RT: 9.305 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

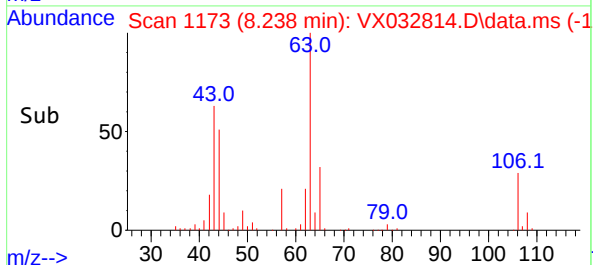
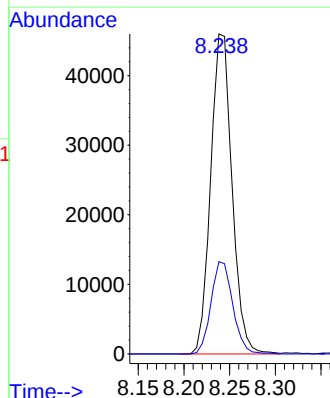
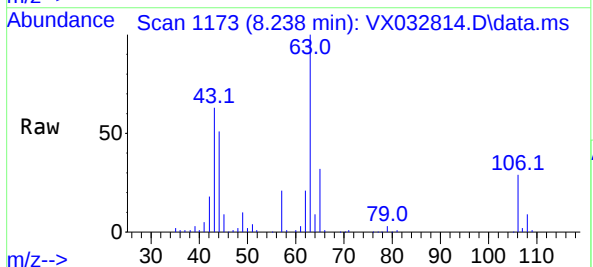
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 76 Resp: 36579  
Ion Ratio Lower Upper  
76 100  
78 32.8 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 100.019 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 63 Resp: 74637  
Ion Ratio Lower Upper  
63 100  
106 29.3 23.3 34.9





#59

2-Hexanone

Concen: 94.623 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

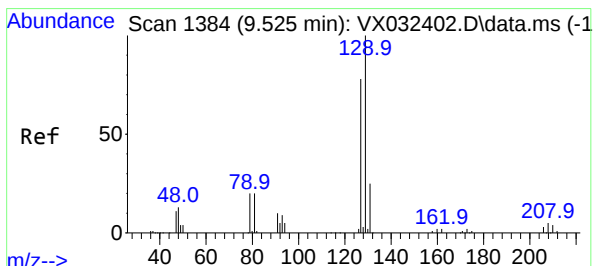
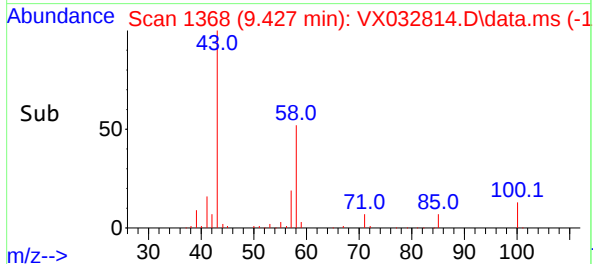
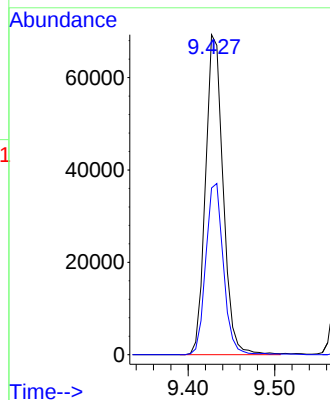
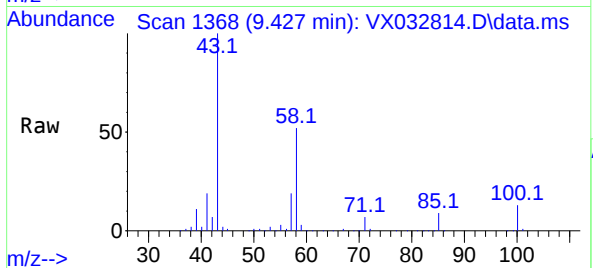
VX1115WBSD01

Tgt Ion: 43 Resp: 97894

Ion Ratio Lower Upper

43 100

58 53.7 26.5 79.5



#60

Dibromochloromethane

Concen: 21.768 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX032814.D

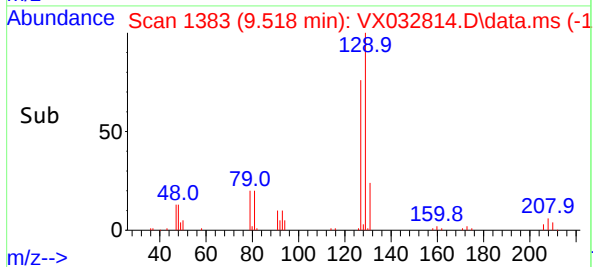
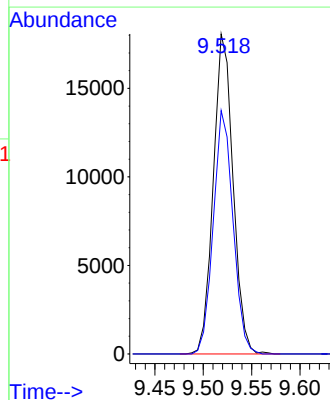
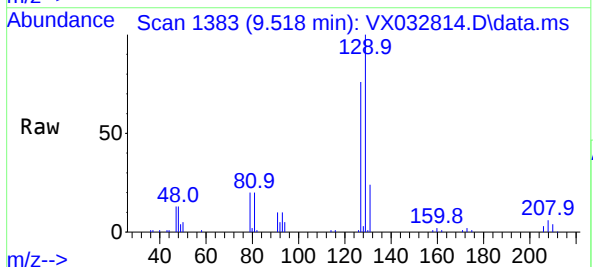
Acq: 15 Nov 2022 11:58

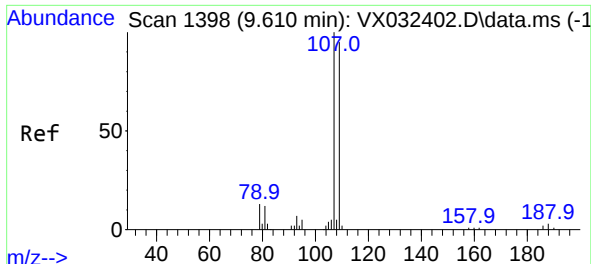
Tgt Ion: 129 Resp: 25605

Ion Ratio Lower Upper

129 100

127 75.9 38.6 115.8

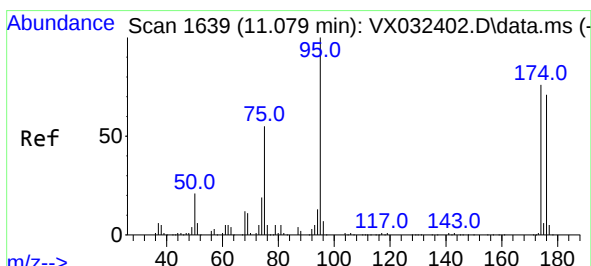
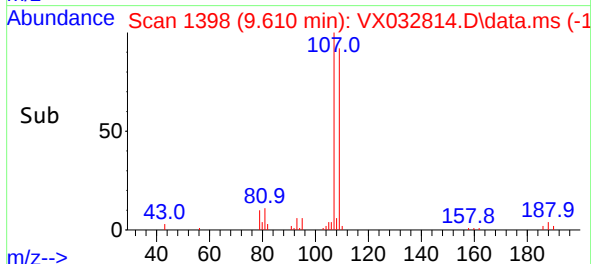
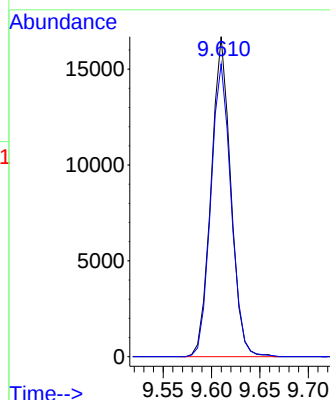
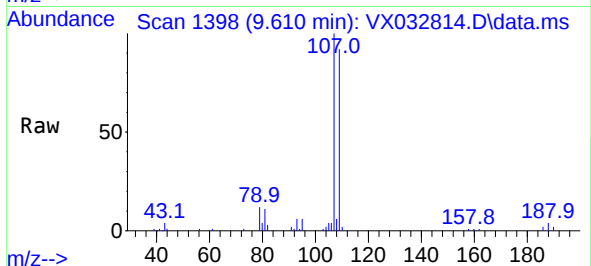




#61  
1,2-Dibromoethane  
Concen: 20.618 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

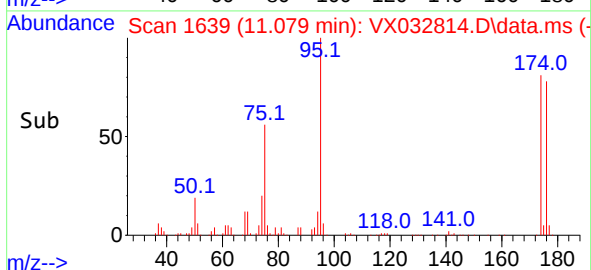
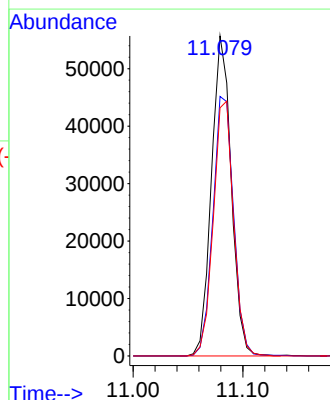
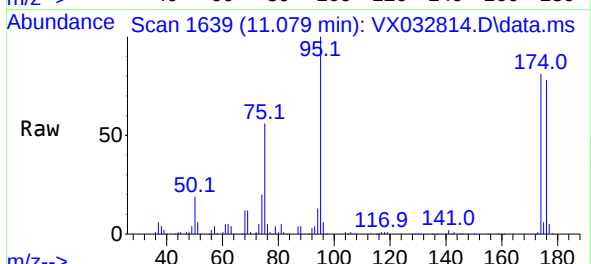
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:107 Resp: 23527  
Ion Ratio Lower Upper  
107 100  
109 94.4 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 51.678 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 95 Resp: 69815  
Ion Ratio Lower Upper  
95 100  
174 84.5 0.0 164.0  
176 81.6 0.0 154.4

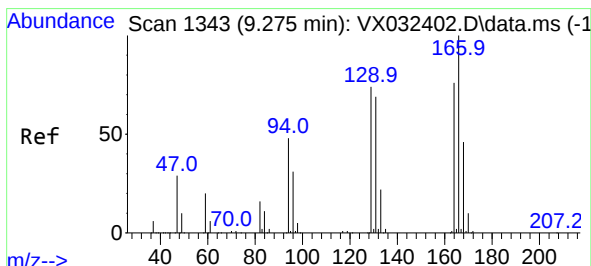
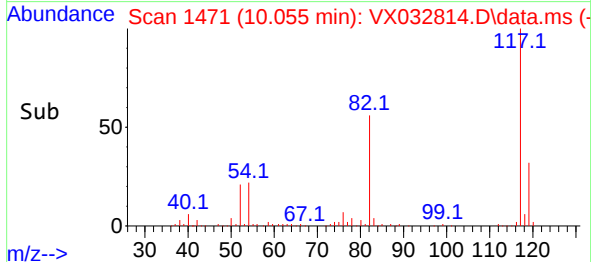
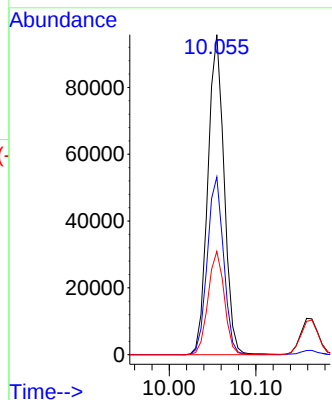
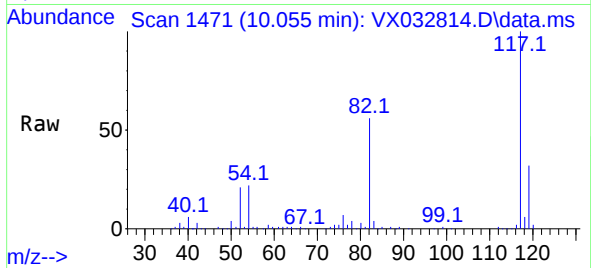




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

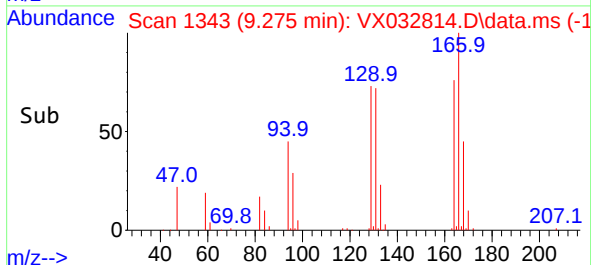
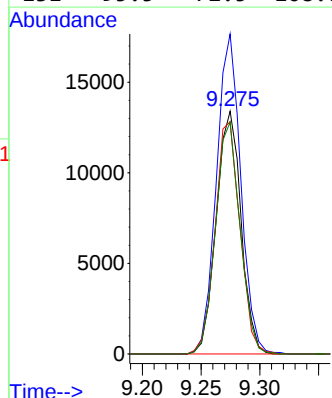
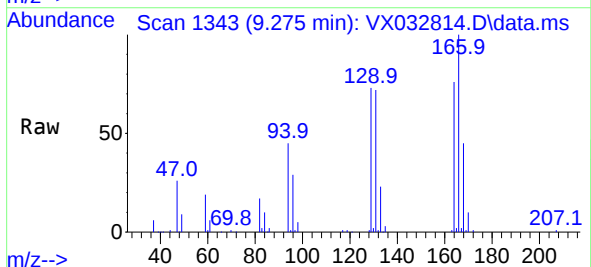
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

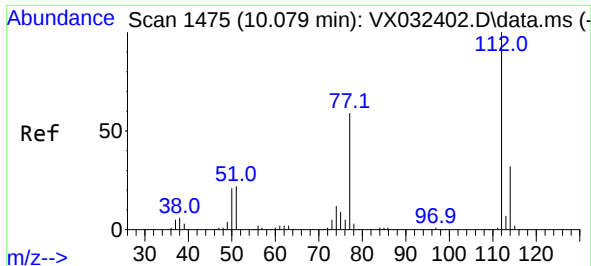
Tgt Ion:117 Resp: 124885  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.3 66.5  
119 32.3 25.7 38.5



#64  
Tetrachloroethene  
Concen: 21.490 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:164 Resp: 19643  
Ion Ratio Lower Upper  
164 100  
166 131.8 105.4 158.2  
129 95.7 78.2 117.2  
131 95.5 72.5 108.7

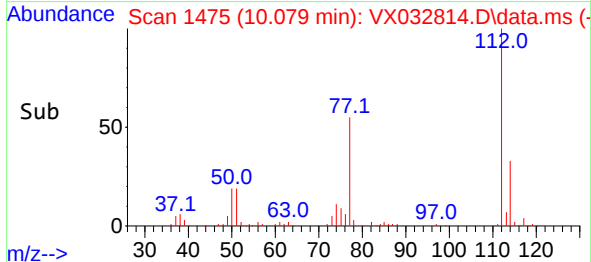
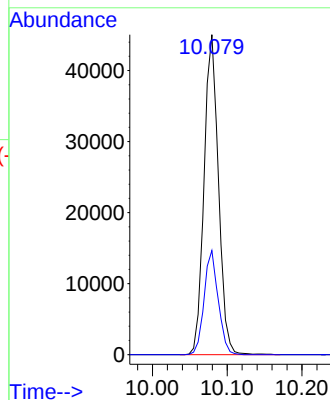
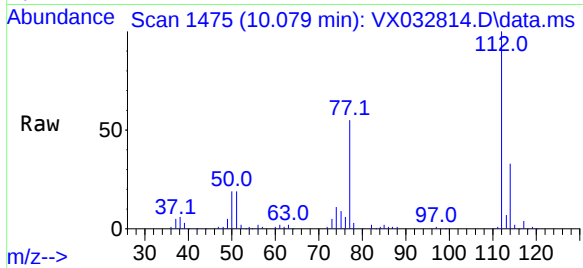




#65  
Chlorobenzene  
Concen: 21.544 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

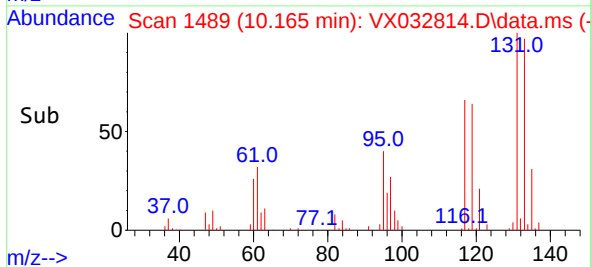
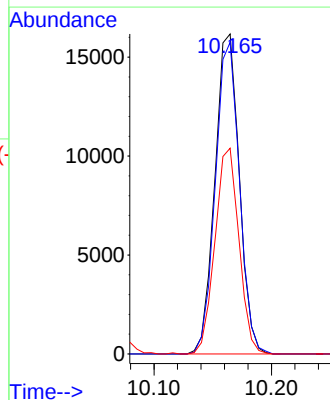
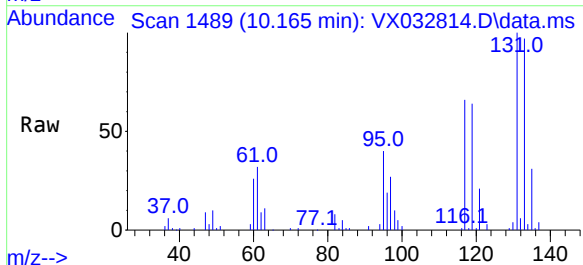
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

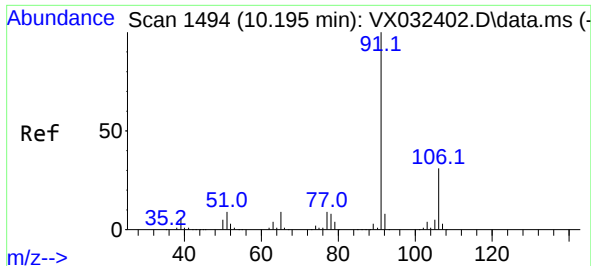
Tgt Ion:112 Resp: 60270  
Ion Ratio Lower Upper  
112 100  
114 32.5 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.123 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:131 Resp: 23292  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.6 142.9  
119 63.3 32.4 97.0





#67

Ethyl Benzene

Concen: 20.931 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

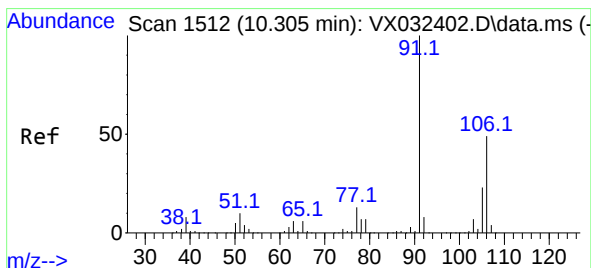
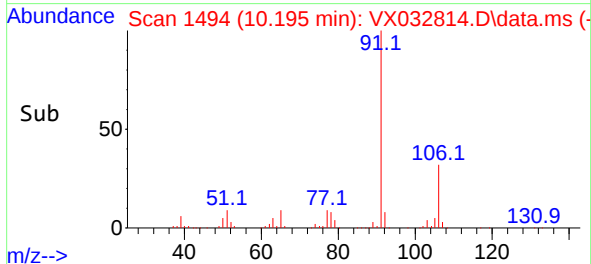
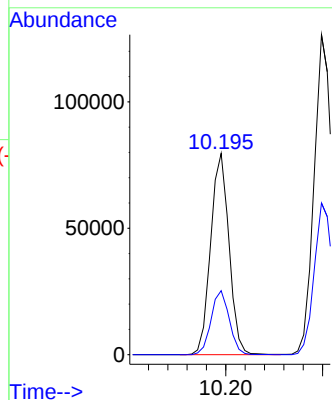
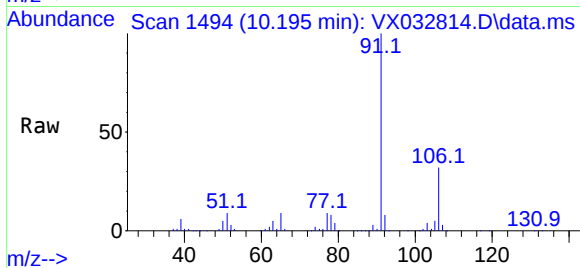
VX1115WBSD01

Tgt Ion: 91 Resp: 104710

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.6



#68

m/p-Xylenes

Concen: 41.587 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX032814.D

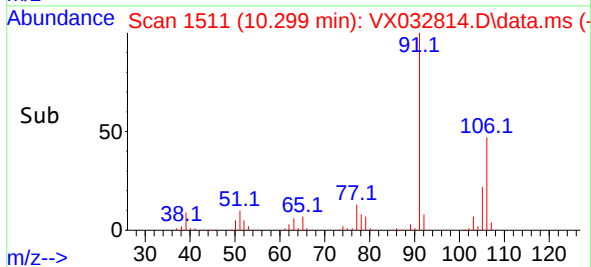
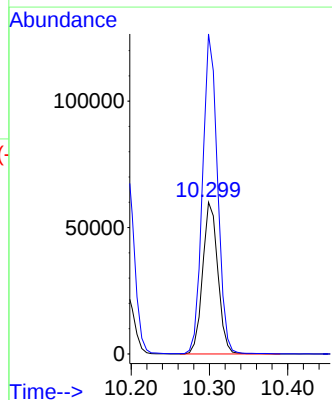
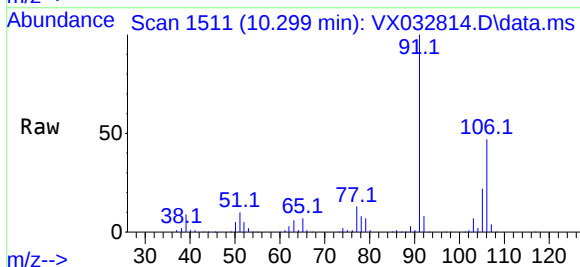
Acq: 15 Nov 2022 11:58

Tgt Ion:106 Resp: 80784

Ion Ratio Lower Upper

106 100

91 207.9 164.5 246.7

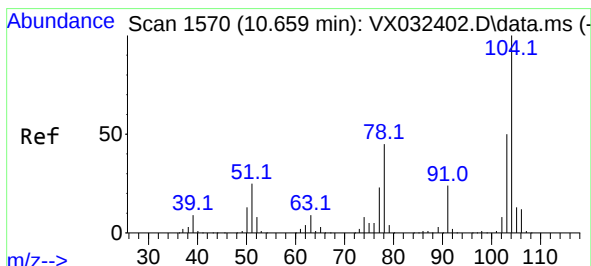
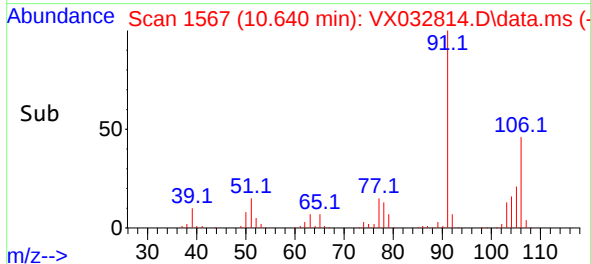
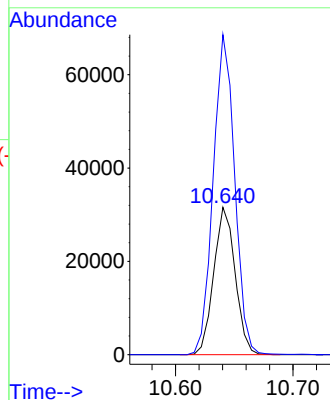
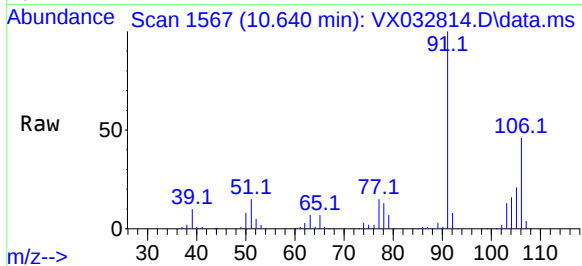




#69  
o-Xylene  
Concen: 21.204 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

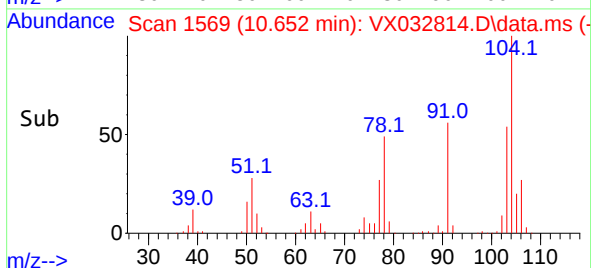
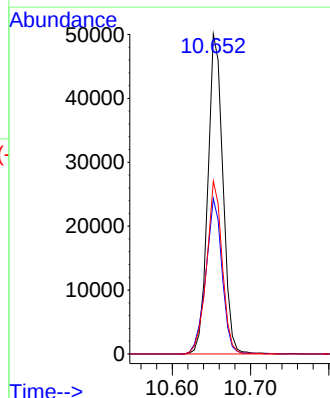
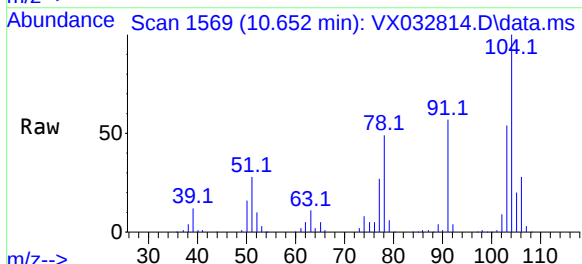
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:106 Resp: 40048  
Ion Ratio Lower Upper  
106 100  
91 217.8 109.2 327.6



#70  
Styrene  
Concen: 21.301 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:104 Resp: 66859  
Ion Ratio Lower Upper  
104 100  
78 52.2 41.8 62.8  
103 56.0 44.5 66.7

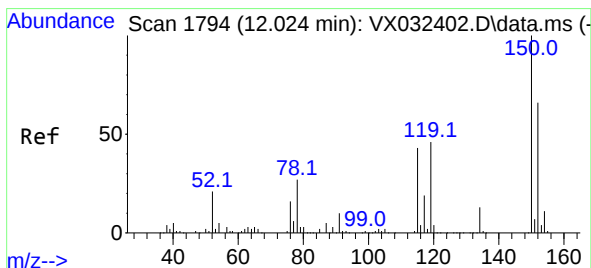
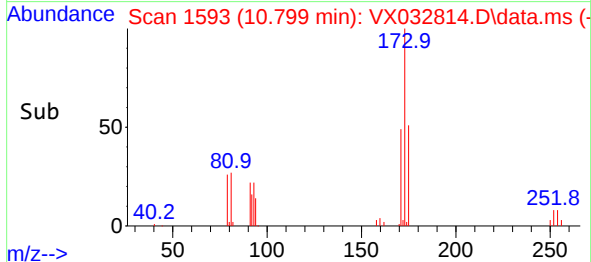
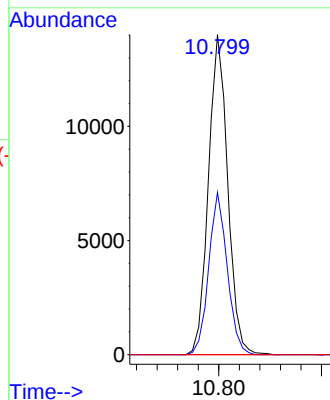
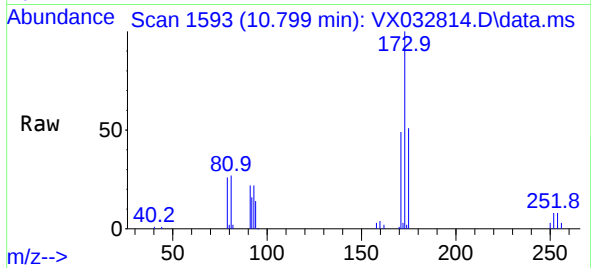




#71  
Bromoform  
Concen: 21.976 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

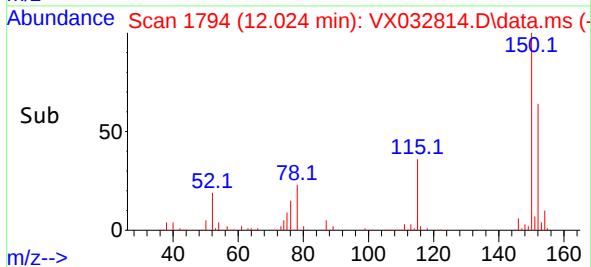
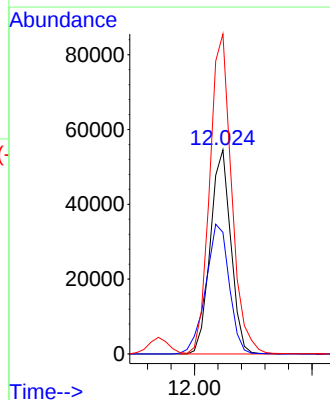
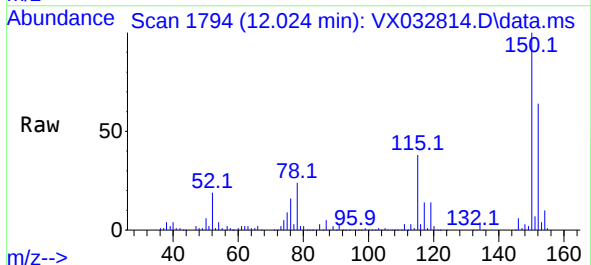
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:173 Resp: 18294  
Ion Ratio Lower Upper  
173 100  
175 48.7 23.9 71.8  
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: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:152 Resp: 65931  
Ion Ratio Lower Upper  
152 100  
115 72.8 44.0 132.0  
150 167.6 0.0 351.8

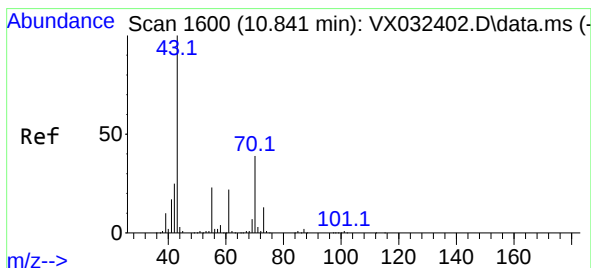
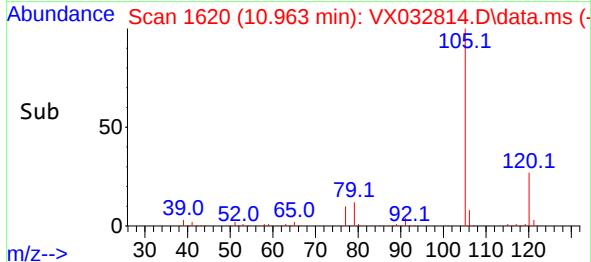
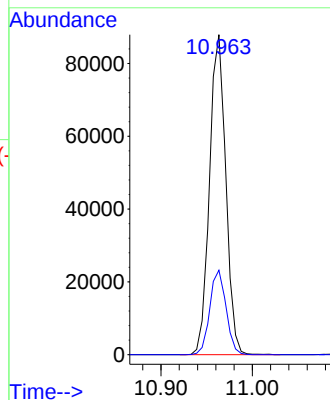
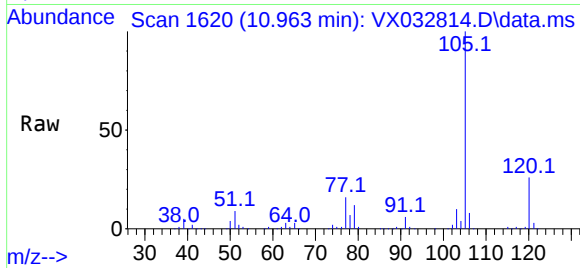




#73  
Isopropylbenzene  
Concen: 20.745 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

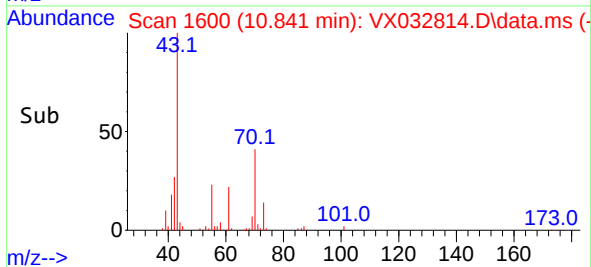
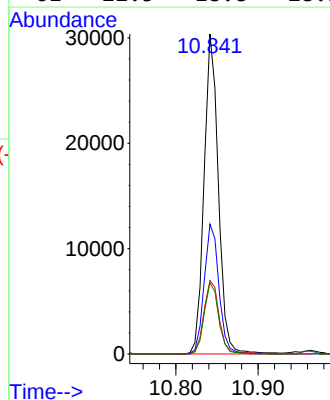
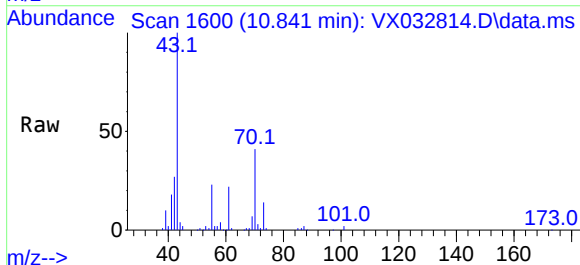
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

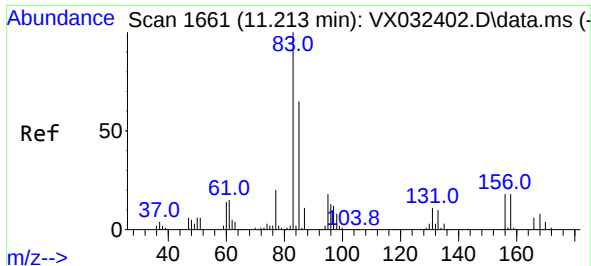
Tgt Ion:105 Resp: 108382  
Ion Ratio Lower Upper  
105 100  
120 26.3 13.1 39.3



#74  
N-ethyl acetate  
Concen: 18.670 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 43 Resp: 36855  
Ion Ratio Lower Upper  
43 100  
70 41.8 33.6 50.4  
55 24.5 19.4 29.2  
61 22.5 18.8 28.2

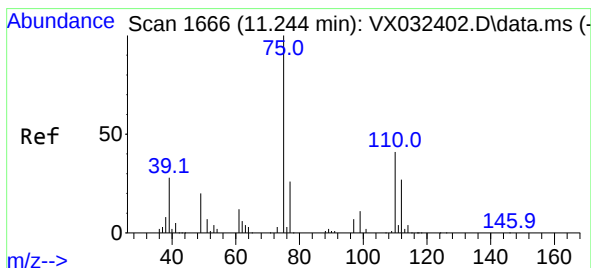
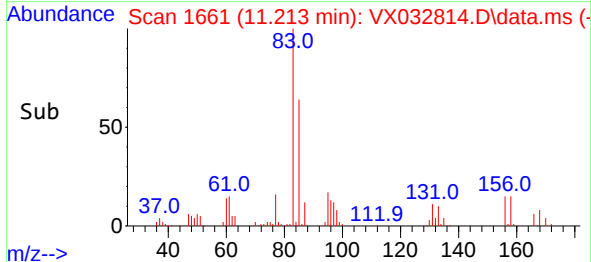
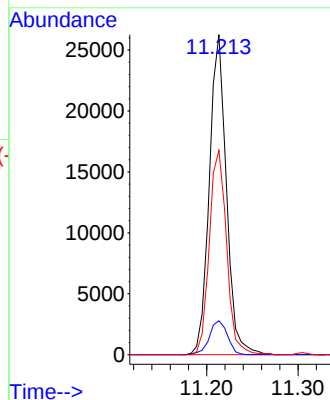
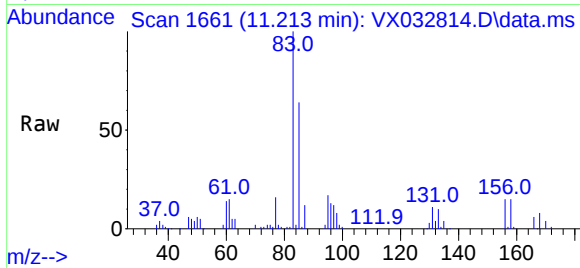




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.282 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

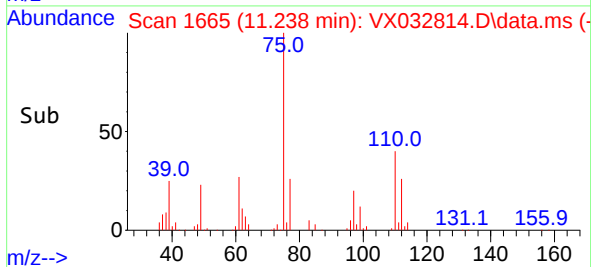
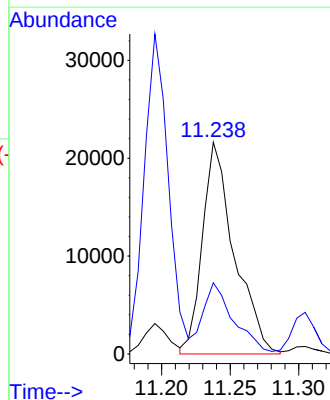
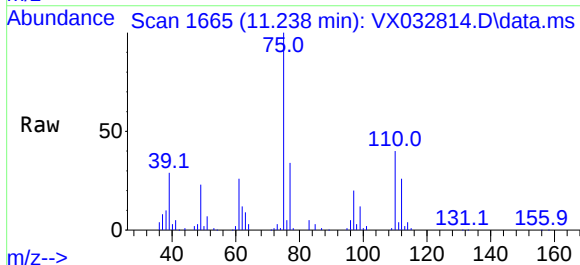
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 83 Resp: 34013  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.4 16.2  
85 64.5 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 23.876 ug/l  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 75 Resp: 35021  
Ion Ratio Lower Upper  
75 100  
77 32.9 20.0 60.0

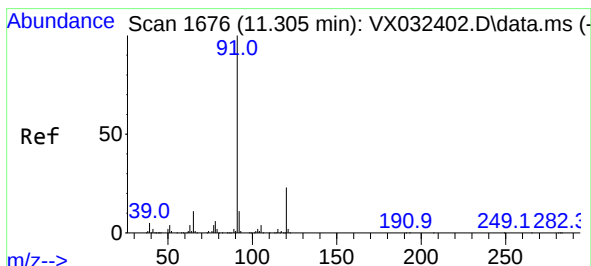
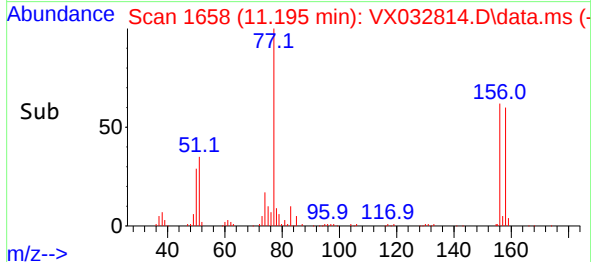
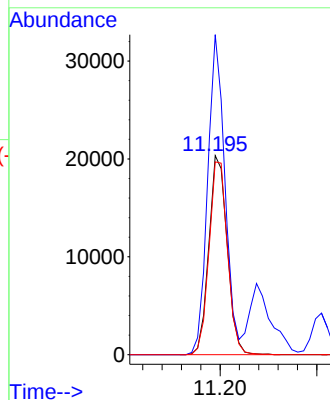
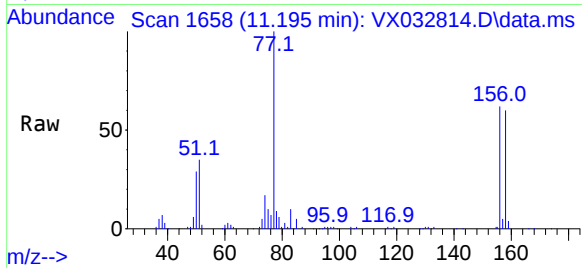




#77  
Bromobenzene  
Concen: 20.973 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

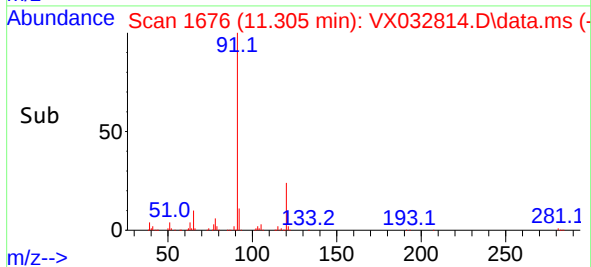
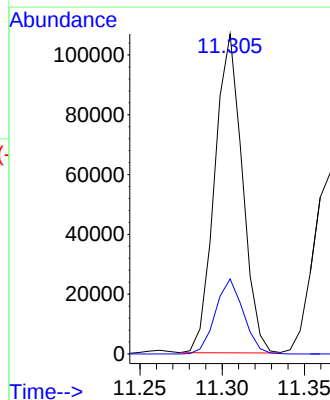
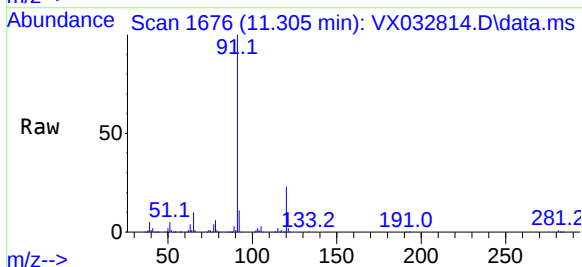
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

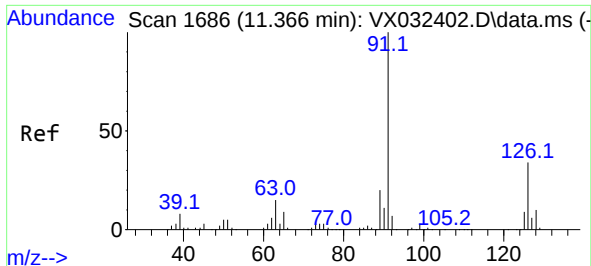
Tgt Ion:156 Resp: 26863  
Ion Ratio Lower Upper  
156 100  
77 150.3 76.1 228.4  
158 97.6 48.8 146.3



#78  
n-propylbenzene  
Concen: 20.696 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 91 Resp: 124578  
Ion Ratio Lower Upper  
91 100  
120 23.8 11.6 34.8

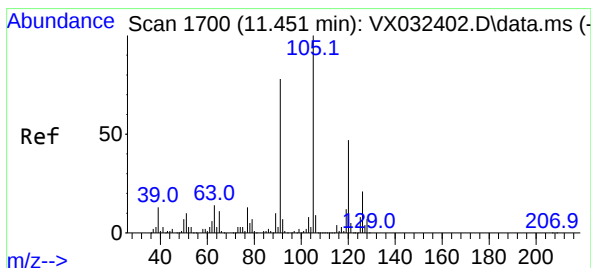
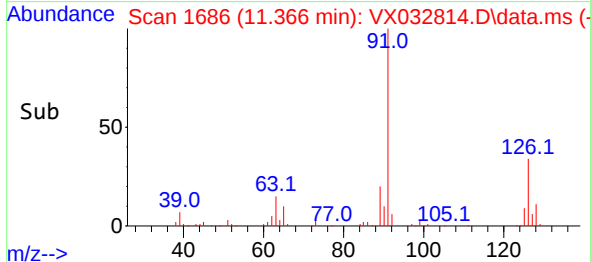
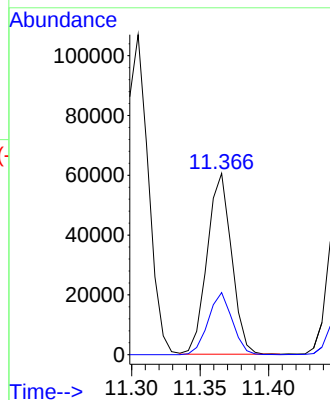
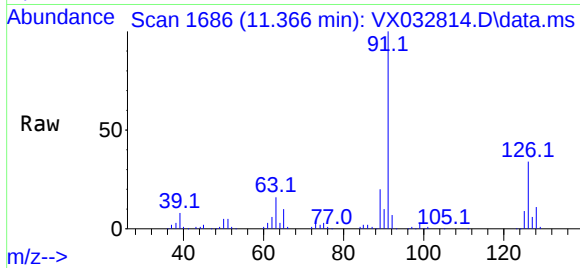




#79  
2-Chlorotoluene  
Concen: 20.747 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

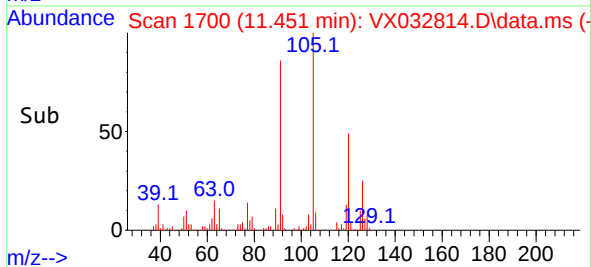
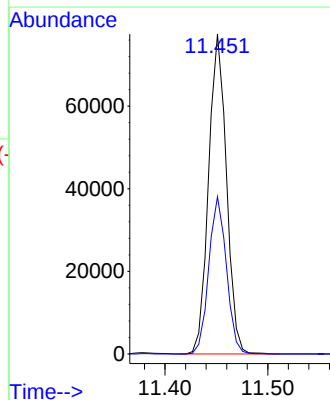
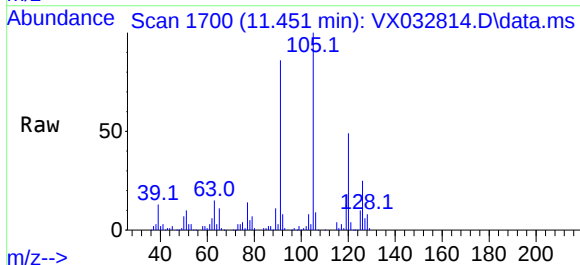
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 91 Resp: 74789  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.1 51.2



#80  
1,3,5-Trimethylbenzene  
Concen: 20.921 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 105 Resp: 93415  
Ion Ratio Lower Upper  
105 100  
120 48.4 23.6 71.0

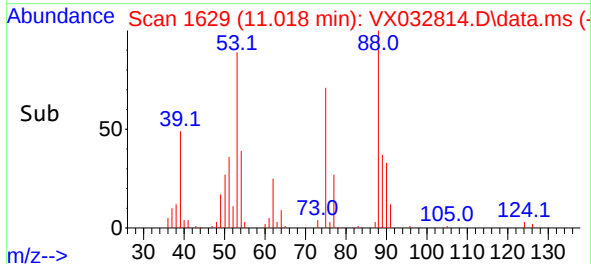
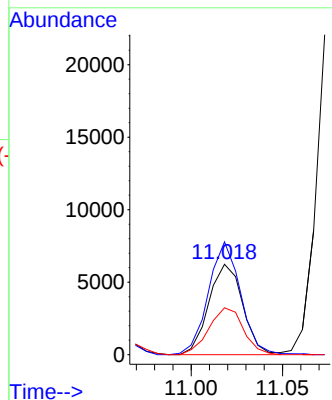
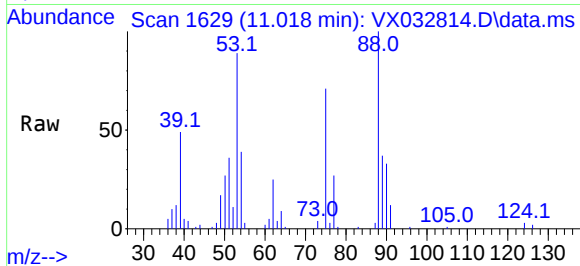




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.541 ug/l  
RT: 11.018 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

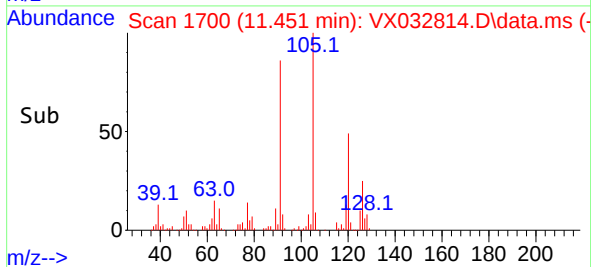
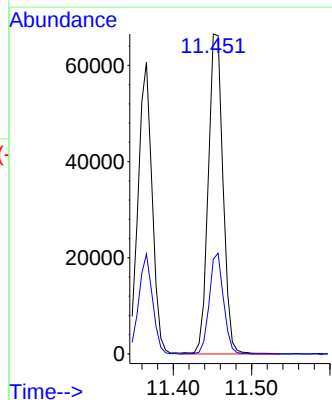
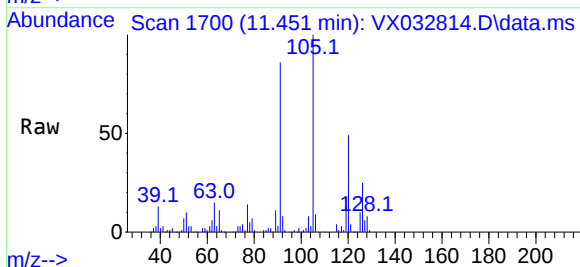
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 75 Resp: 8086  
Ion Ratio Lower Upper  
75 100  
53 118.4 86.9 130.3  
89 52.7 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 20.598 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 91 Resp: 86884  
Ion Ratio Lower Upper  
91 100  
126 30.4 14.8 44.4

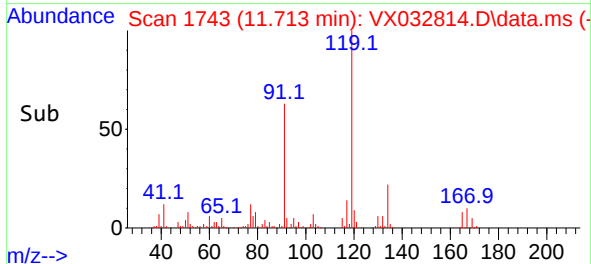
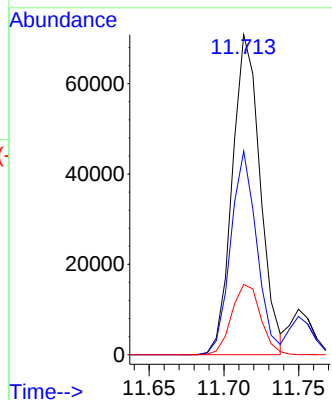
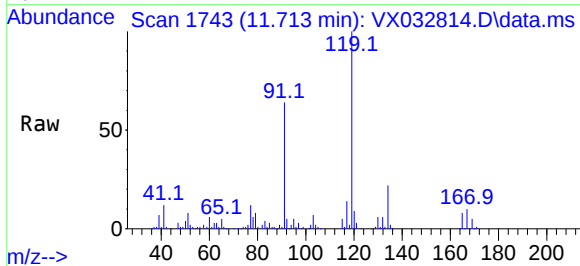




#83  
tert-Butylbenzene  
Concen: 20.623 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

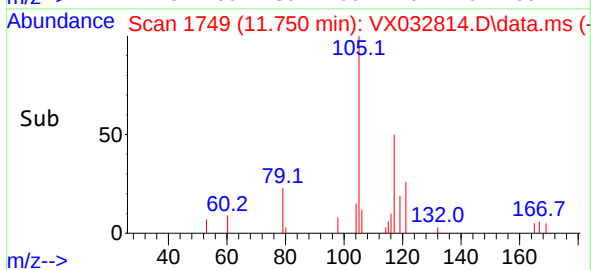
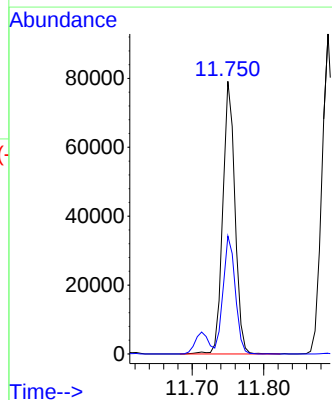
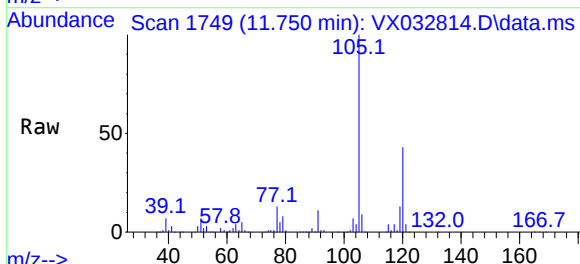
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

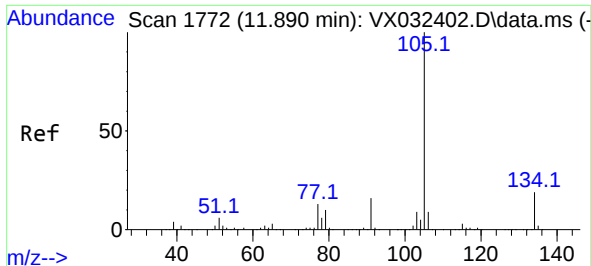
Tgt Ion:119 Resp: 91933  
Ion Ratio Lower Upper  
119 100  
91 59.7 29.4 88.2  
134 22.8 11.0 33.0



#84  
1,2,4-Trimethylbenzene  
Concen: 21.075 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:105 Resp: 93597  
Ion Ratio Lower Upper  
105 100  
120 43.1 21.9 65.5

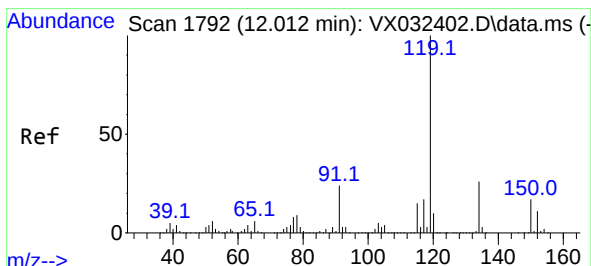
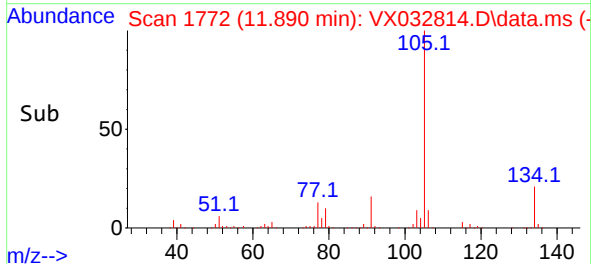
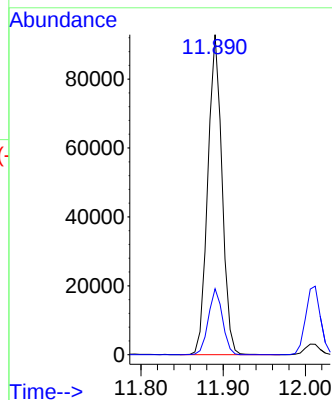
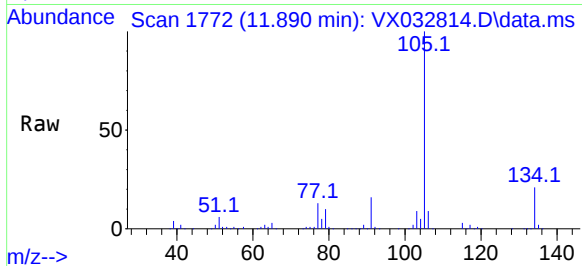




#85  
sec-Butylbenzene  
Concen: 20.732 ug/l  
RT: 11.890 min Scan# 111209  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

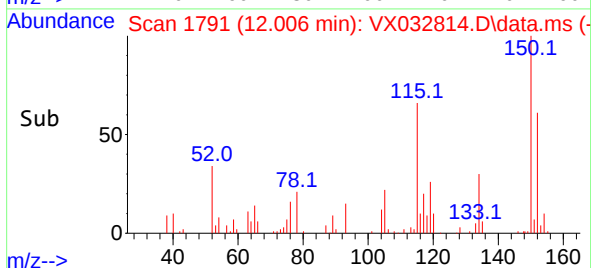
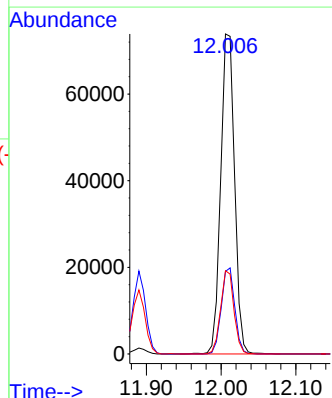
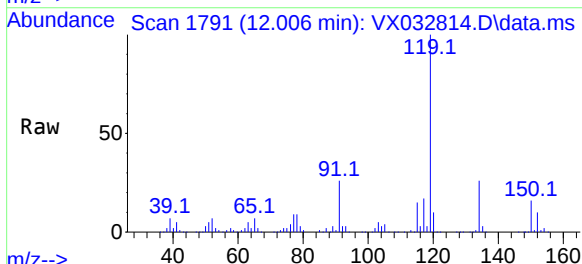
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

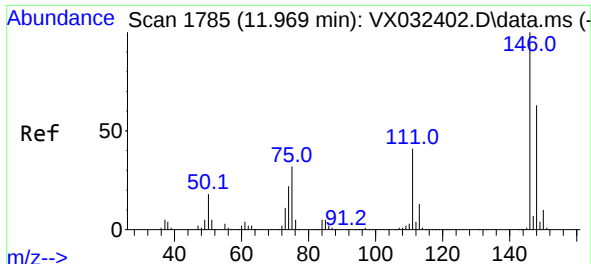
Tgt Ion:105 Resp: 111209  
Ion Ratio Lower Upper  
105 100  
134 20.4 9.9 29.7



#86  
p-Isopropyltoluene  
Concen: 20.956 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:119 Resp: 95385  
Ion Ratio Lower Upper  
119 100  
134 26.1 12.9 38.7  
91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.182 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

Instrument :

MSVOA\_X

ClientSampleId :

VX1115WBSD01

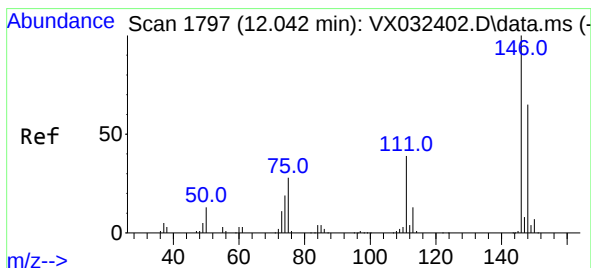
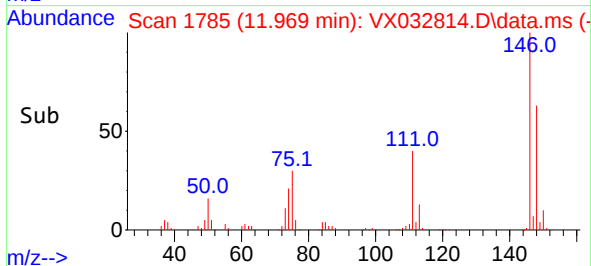
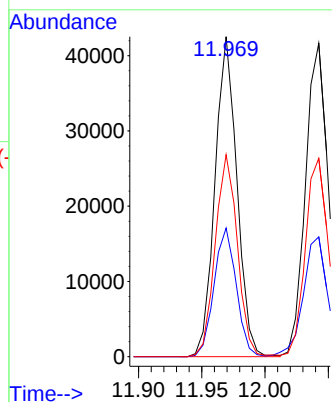
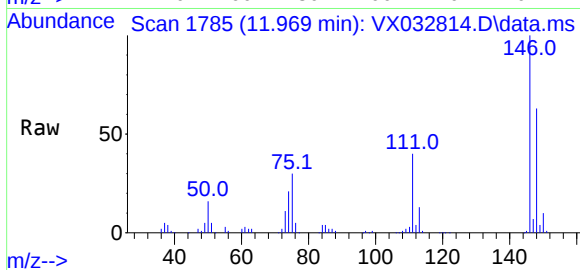
Tgt Ion:146 Resp: 51179

Ion Ratio Lower Upper

146 100

111 40.7 20.6 61.8

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.495 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032814.D

Acq: 15 Nov 2022 11:58

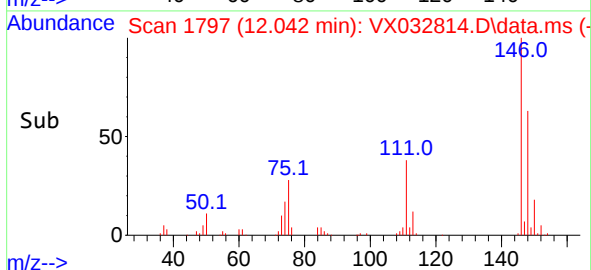
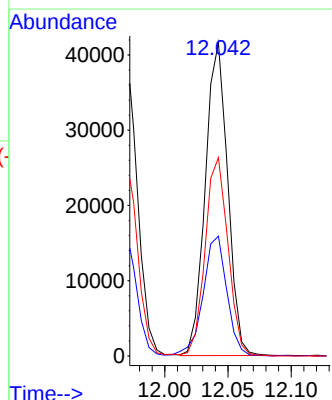
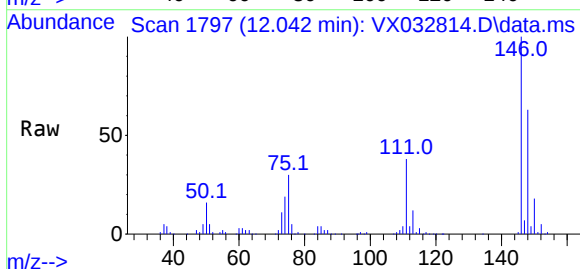
Tgt Ion:146 Resp: 51372

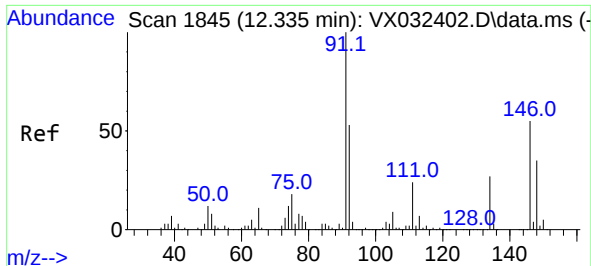
Ion Ratio Lower Upper

146 100

111 40.7 20.5 61.6

148 64.6 32.2 96.6



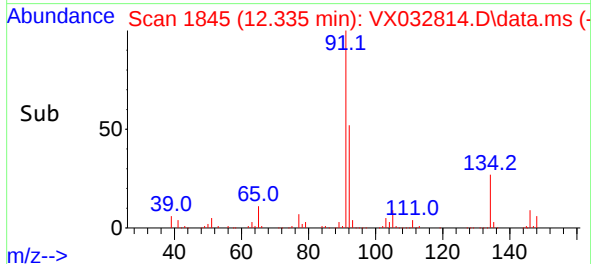
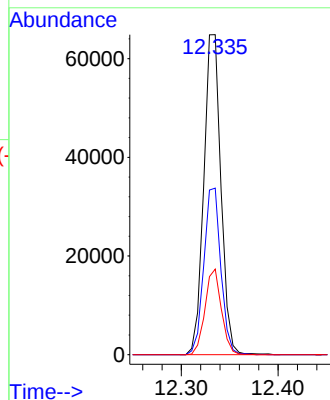
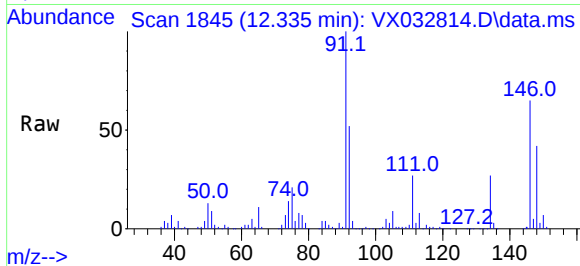


#89  
n-Butylbenzene  
Concen: 20.259 ug/l  
RT: 12.335 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion: 91 Resp: 80220

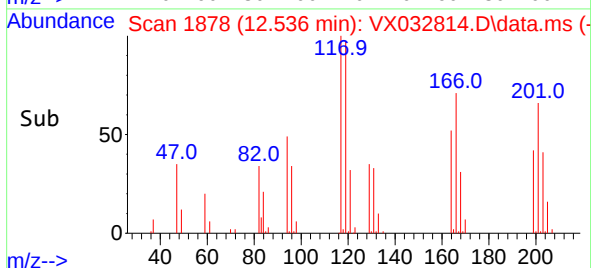
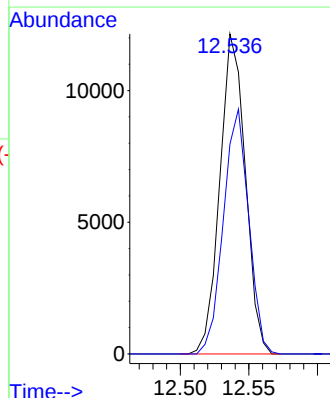
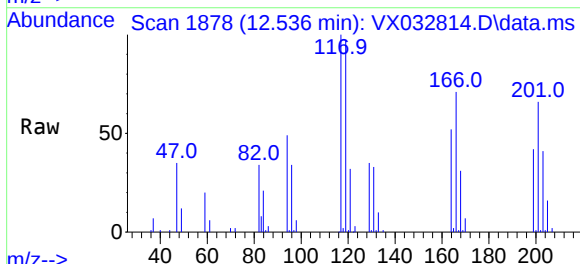
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 51.6  | 26.2  | 78.6  |
| 134 | 25.6  | 12.9  | 38.6  |



#90  
Hexachloroethane  
Concen: 21.118 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 117 Resp: 15700

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 75.9  | 37.6  | 112.9 |

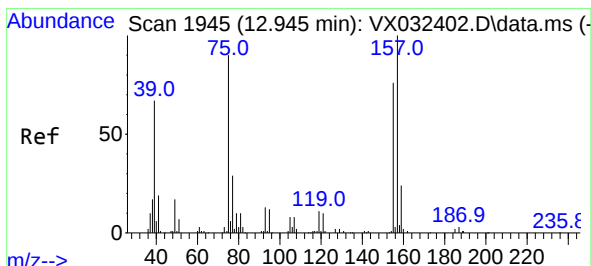
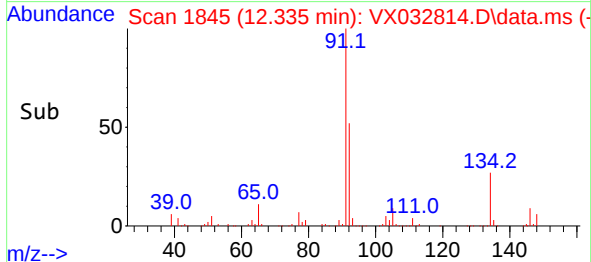
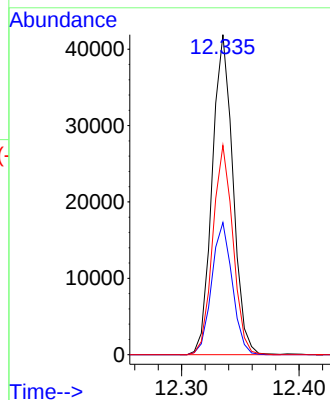
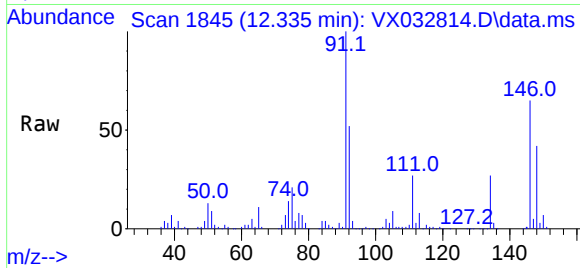




#91  
1,2-Dichlorobenzene  
Concen: 21.559 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

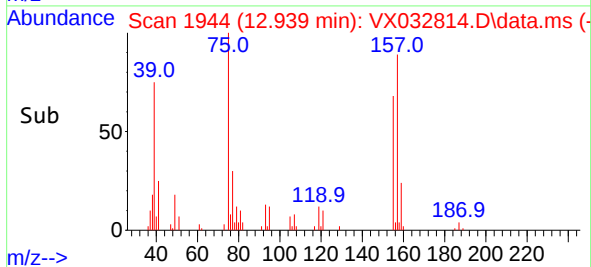
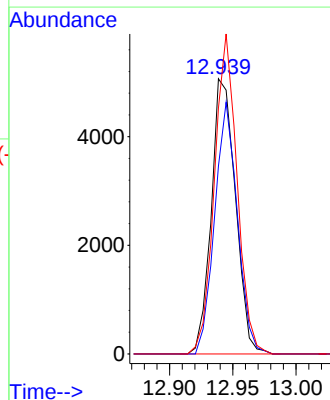
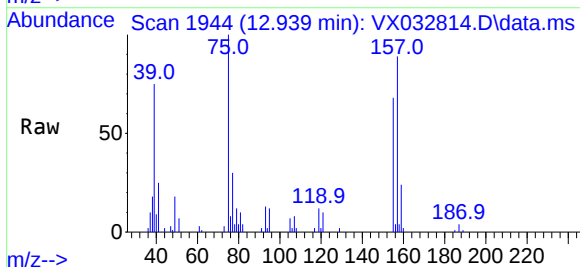
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:146 Resp: 51360  
Ion Ratio Lower Upper  
146 100  
111 40.9 21.5 64.5  
148 63.8 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.342 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion: 75 Resp: 6744  
Ion Ratio Lower Upper  
75 100  
155 85.8 41.6 124.8  
157 108.8 54.1 162.4

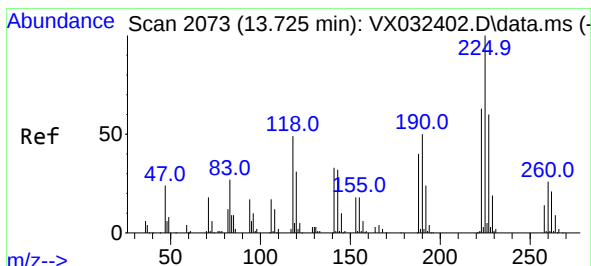
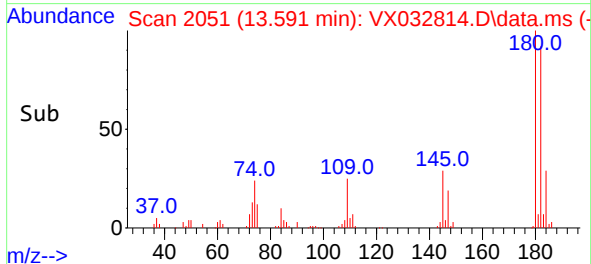
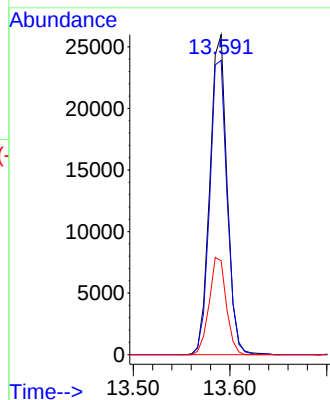
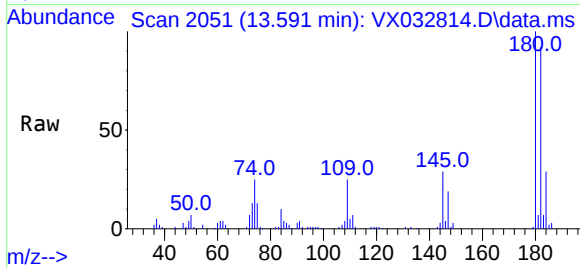




#93  
1,2,4-Trichlorobenzene  
Concen: 20.656 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

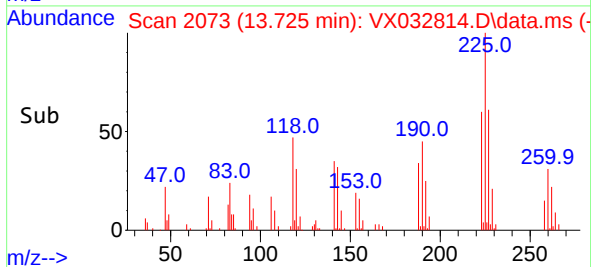
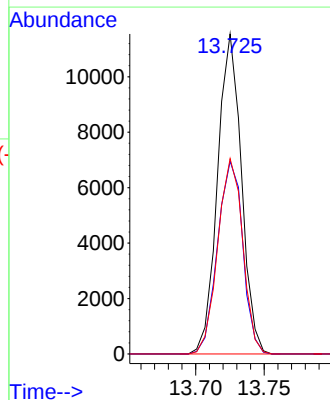
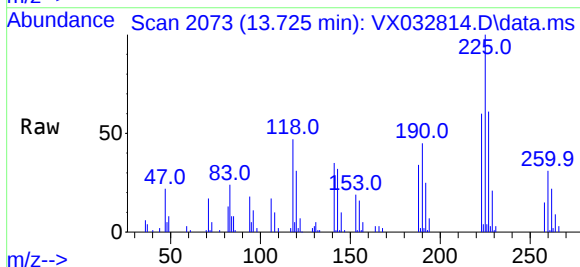
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

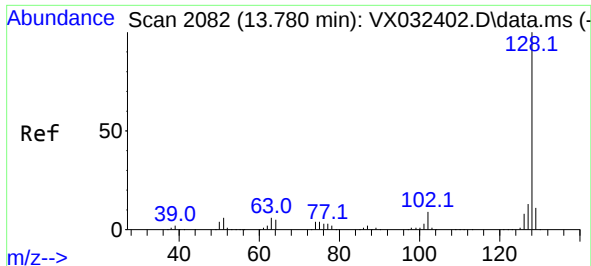
Tgt Ion:180 Resp: 32087  
Ion Ratio Lower Upper  
180 100  
182 93.4 48.4 145.0  
145 30.2 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 21.549 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:225 Resp: 13980  
Ion Ratio Lower Upper  
225 100  
223 63.6 31.9 95.9  
227 63.7 31.9 95.5



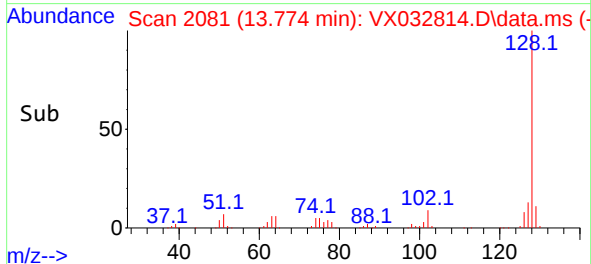
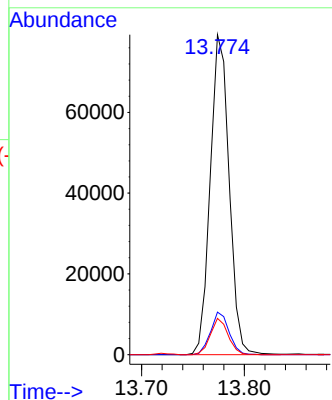
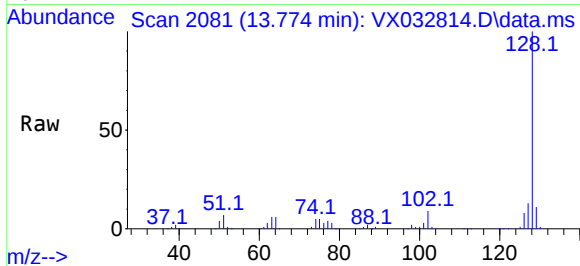


#95  
Naphthalene  
Concen: 19.543 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1115WBSD01

Tgt Ion:128 Resp: 101155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.2  | 15.4  |
| 129 | 10.7  | 8.9   | 13.3  |



#96  
1,2,3-Trichlorobenzene  
Concen: 20.652 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX032814.D  
Acq: 15 Nov 2022 11:58

Tgt Ion:180 Resp: 32610

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.7  | 47.5  | 142.6 |
| 145 | 33.9  | 16.9  | 50.6  |

