

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX123021\  
 Data File : VX026147.D  
 Acq On : 29 Dec 2021 18:56  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Dec 30 07:39:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 07:38:08 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.562  | 168   | 113500   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.769  | 114   | 191329   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 168333   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 76650    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964  | 65    | 1427     | 0.889    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 78 - 117 | Recovery | =      | 1.780%#  |
| 35) Dibromofluoromethane     | 5.397  | 113   | 1068     | 0.823    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 1.640%#  |
| 50) Toluene-d8               | 8.659  | 98    | 3826     | 0.801    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 92 - 112 | Recovery | =      | 1.600%#  |
| 62) 4-Bromofluorobenzene     | 11.085 | 95    | 1166     | 0.651    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 1.300%#  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 1142     | 1.076    | ug/l   | 97       |
| 3) Chloromethane             | 1.294  | 50    | 1536     | 1.155    | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 1605     | 1.129    | ug/l   | 99       |
| 5) Bromomethane              | 1.618  | 94    | 1191     | 1.203    | ug/l   | 88       |
| 6) Chloroethane              | 1.691  | 64    | 1284     | 1.253    | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 1.892  | 101   | 2567     | 1.072    | ug/l   | 98       |
| 8) Diethyl Ether             | 2.142  | 74    | 923      | 1.016    | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 2.337  | 101   | 1434     | 1.152    | ug/l   | 98       |
| 10) Methyl Iodide            | 2.459  | 142   | 1615     | 1.033    | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.947  | 59    | 3521     | 10.793   | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 2.325  | 96    | 1347     | 1.108    | ug/l   | 92       |
| 13) Acrolein                 | 2.239  | 56    | 457      | 2.248    | ug/l   | 88       |
| 14) Allyl chloride           | 2.666  | 41    | 2743     | 1.221    | ug/l   | 91       |
| 15) Acrylonitrile            | 3.081  | 53    | 4115     | 5.350    | ug/l   | 97       |
| 16) Acetone                  | 2.386  | 43    | 5340     | 6.748    | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.514  | 76    | 4054     | 1.161    | ug/l   | 97       |
| 18) Methyl Acetate           | 2.709  | 43    | 3074     | 1.214    | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 4465     | 1.053    | ug/l # | 84       |
| 20) Methylene Chloride       | 2.794  | 84    | 2144     | 1.359    | ug/l # | 92       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 1522     | 1.137    | ug/l # | 89       |
| 22) Diisopropyl ether        | 3.764  | 45    | 4710     | 1.090    | ug/l # | 82       |
| 23) Vinyl Acetate            | 3.733  | 43    | 17385    | 5.184    | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 3.617  | 63    | 2628     | 1.072    | ug/l # | 83       |
| 25) 2-Butanone               | 4.568  | 43    | 6588     | 5.931    | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.483  | 77    | 1924     | 1.029    | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 1562     | 0.986    | ug/l   | 88       |
| 28) Bromochloromethane       | 4.904  | 49    | 1124     | 1.038    | ug/l # | 88       |
| 29) Tetrahydrofuran          | 5.026  | 42    | 4062     | 5.734    | ug/l # | 76       |
| 30) Chloroform               | 5.093  | 83    | 2826     | 1.059    | ug/l   | 92       |
| 31) Cyclohexane              | 5.483  | 56    | 2338     | 1.117    | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 5.397  | 97    | 2403     | 1.030    | ug/l # | 49       |
| 36) 1,1-Dichloropropene      | 5.696  | 75    | 1958     | 1.051    | ug/l   | 90       |
| 37) Ethyl Acetate            | 4.733  | 43    | 2072     | 1.001    | ug/l # | 94       |
| 38) Carbon Tetrachloride     | 5.684  | 117   | 2331     | 1.081    | ug/l # | 81       |
| 39) Methylcyclohexane        | 7.385  | 83    | 2210     | 1.043    | ug/l   | 88       |
| 40) Benzene                  | 6.050  | 78    | 5963     | 1.091    | ug/l   | 100      |

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 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Quant Time: Dec 30 07:39:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 07:38:08 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.940  | 41   | 1310     | 1.134  | ug/l # | 72       |
| 42) 1,2-Dichloroethane        | 6.098  | 62   | 2416     | 1.155  | ug/l   | 83       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 3762     | 1.127  | ug/l # | 91       |
| 44) Trichloroethene           | 7.123  | 130  | 1569     | 1.034  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 1407     | 1.014  | ug/l # | 73       |
| 46) Dibromomethane            | 7.586  | 93   | 1157     | 1.086  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.830  | 83   | 2271     | 1.077  | ug/l # | 96       |
| 48) Methyl methacrylate       | 7.702  | 41   | 1691     | 1.071  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.684  | 88   | 648      | 19.466 | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 11051    | 5.091  | ug/l   | 96       |
| 52) Toluene                   | 8.726  | 92   | 3422     | 0.990  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 1634     | 0.813  | ug/l   | 90       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 2132     | 0.966  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 1415     | 0.960  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 1888     | 0.882  | ug/l # | 79       |
| 57) 1,3-Dichloropropane       | 9.317  | 76   | 2414     | 0.993  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 3751     | 3.905  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.439  | 43   | 8193     | 4.993  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.525  | 129  | 1624     | 0.977  | ug/l   | 91       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1618     | 1.014  | ug/l   | 91       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1680     | 1.238  | ug/l # | 79       |
| 65) Chlorobenzene             | 10.079 | 112  | 3824     | 1.078  | ug/l # | 86       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1414     | 1.023  | ug/l # | 63       |
| 67) Ethyl Benzene             | 10.195 | 91   | 6415     | 1.057  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 4702     | 2.010  | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 2247     | 0.977  | ug/l   | 97       |
| 70) Styrene                   | 10.659 | 104  | 3273     | 0.858  | ug/l   | 91       |
| 71) Bromoform                 | 10.811 | 173  | 1092     | 0.965  | ug/l # | 87       |
| 73) Isopropylbenzene          | 10.963 | 105  | 5759     | 1.009  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 2310     | 0.981  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 2174     | 1.107  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 2472     | 1.385  | ug/l   | 93       |
| 77) Bromobenzene              | 11.201 | 156  | 1378     | 0.959  | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 5987     | 0.921  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 4255     | 1.042  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4582     | 0.971  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 491      | 0.841  | ug/l # | 63       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 4228     | 0.922  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 4575     | 0.985  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 4469     | 0.952  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 5403     | 0.964  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 4603     | 0.981  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2556     | 0.951  | ug/l   | 92       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 2556     | 0.927  | ug/l   | 92       |
| 89) n-Butylbenzene            | 12.335 | 91   | 3912     | 0.982  | ug/l   | 94       |
| 90) Hexachloroethane          | 12.536 | 117  | 933      | 1.007  | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 2996     | 1.171  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.951 | 75   | 490      | 1.092  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1584     | 1.174  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 729      | 1.271  | ug/l   | 91       |
| 95) Naphthalene               | 13.780 | 128  | 5035     | 1.106  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1531     | 1.134  | ug/l   | 92       |

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Data File : VX026147.D  
Acq On : 29 Dec 2021 18:56  
Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 3 Sample Multiplier: 1

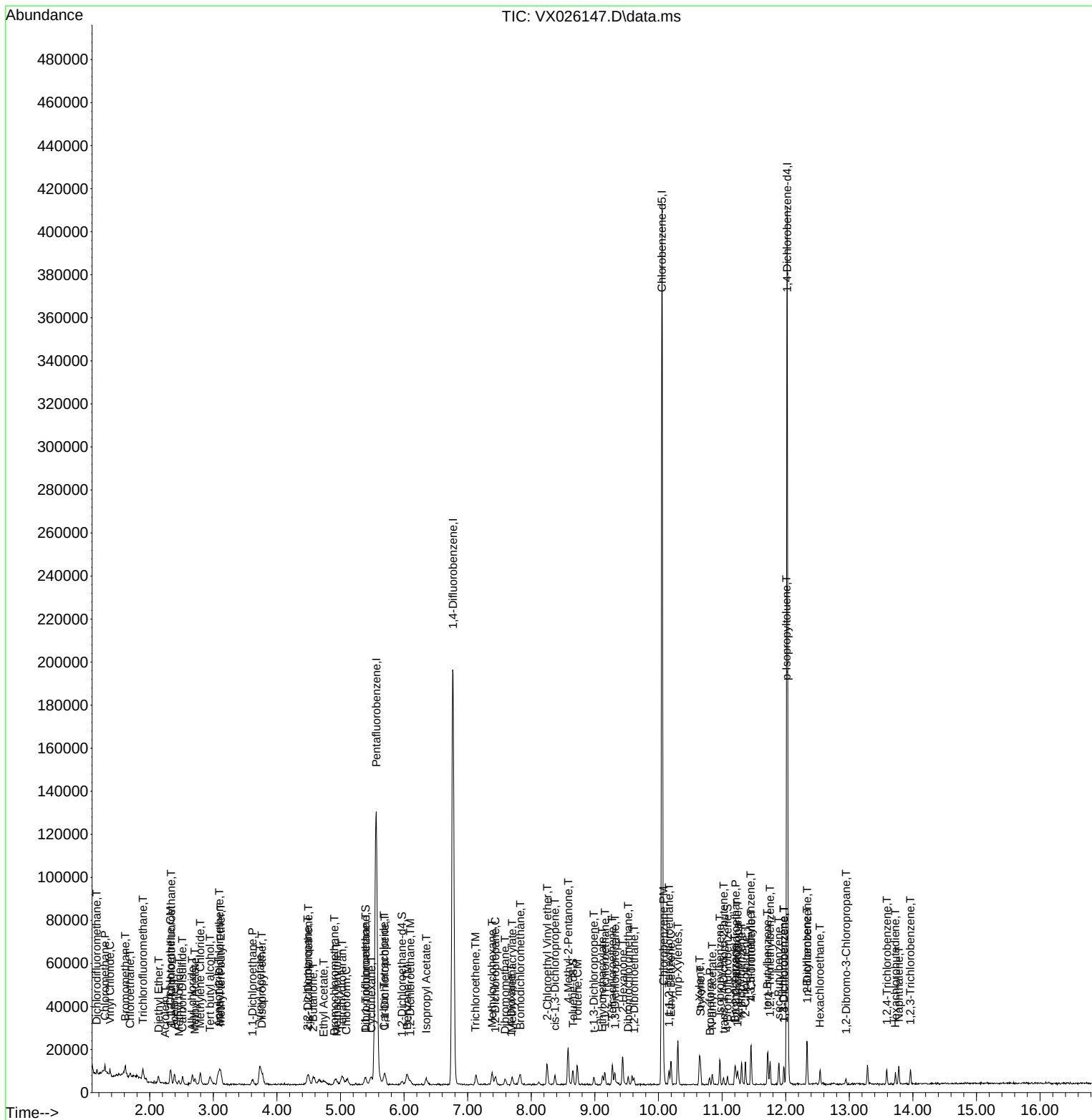
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

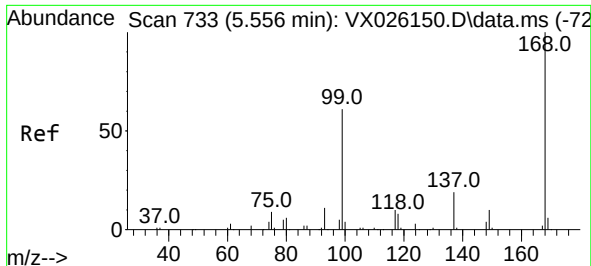
Quant Time: Dec 30 07:39:33 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 07:38:08 2021  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 07:38:08 2021  
Response via : Initial Calibration

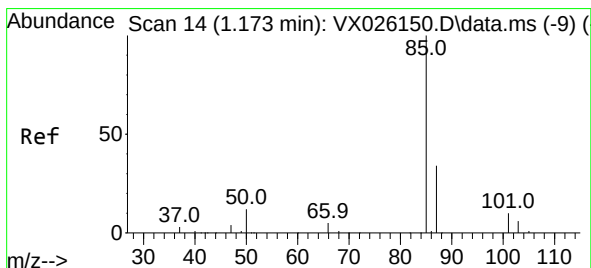
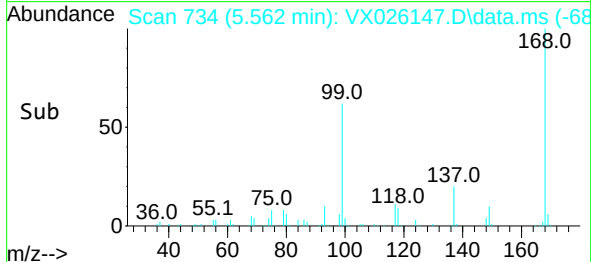
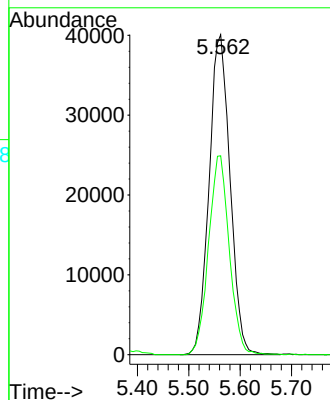
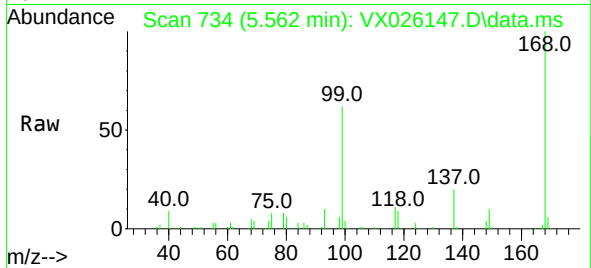




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

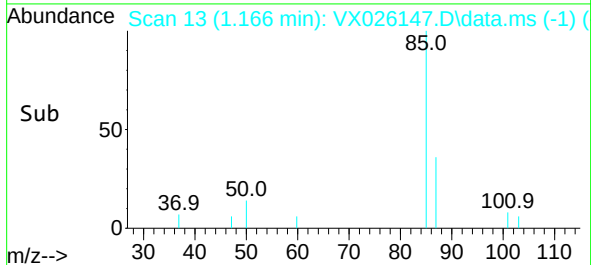
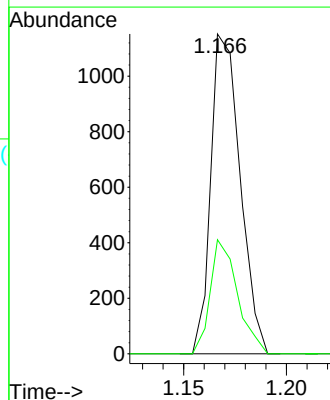
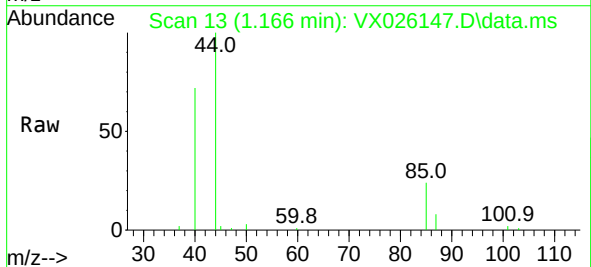
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

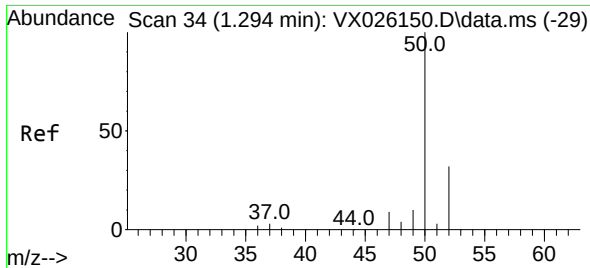
Tgt Ion:168 Resp: 113500  
Ion Ratio Lower Upper  
168 100  
99 62.1 45.8 68.8



#2  
Dichlorodifluoromethane  
Concen: 1.076 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 85 Resp: 1142  
Ion Ratio Lower Upper  
85 100  
87 35.7 17.0 50.9

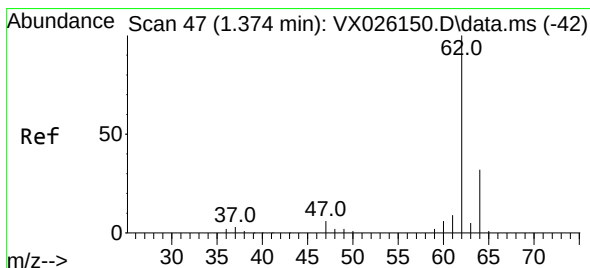
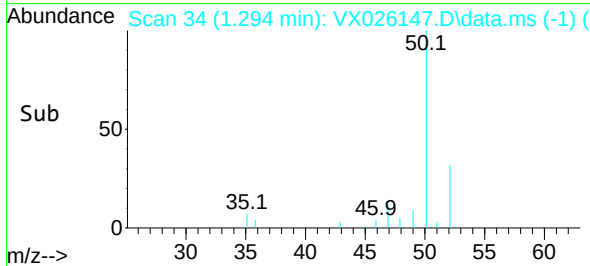
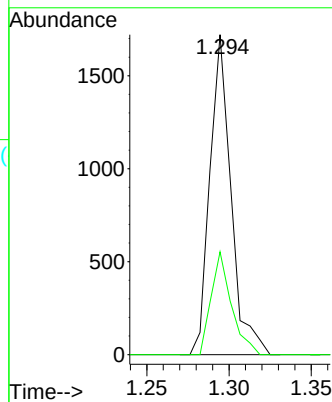
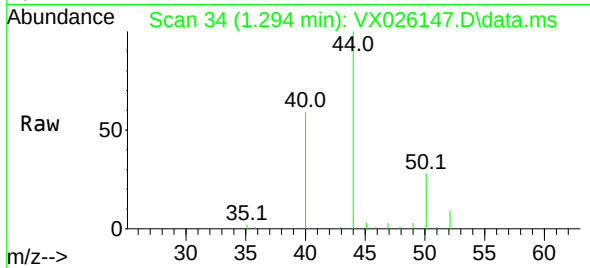




#3  
Chloromethane  
Concen: 1.155 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

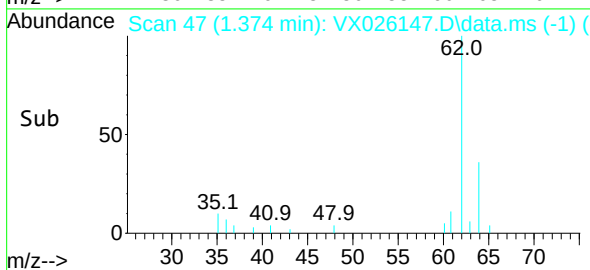
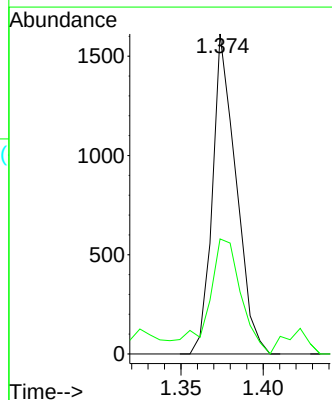
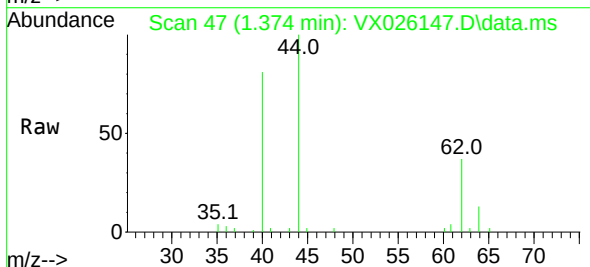
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

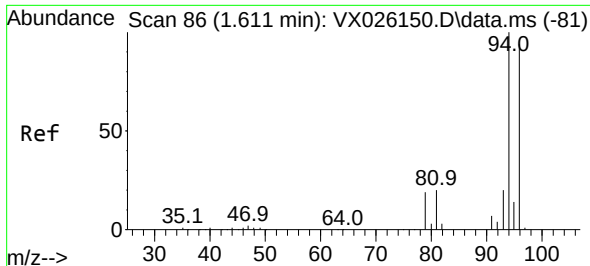
Tgt Ion: 50 Resp: 1536  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.4 38.0



#4  
Vinyl Chloride  
Concen: 1.129 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 62 Resp: 1605  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.4 38.2

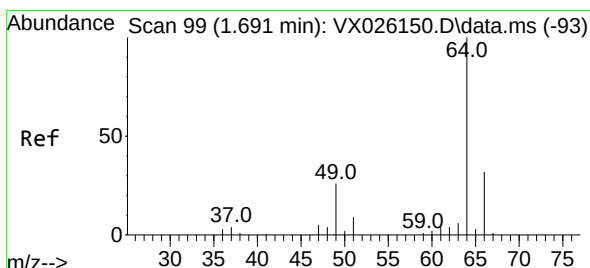
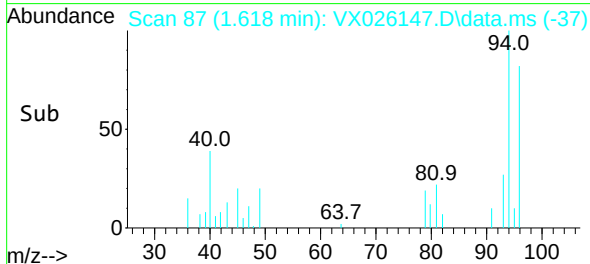
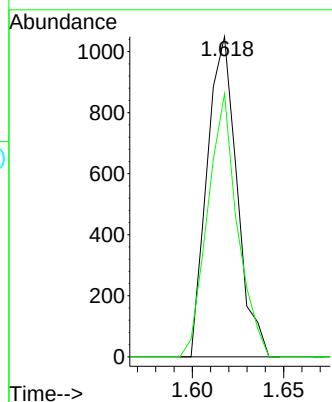
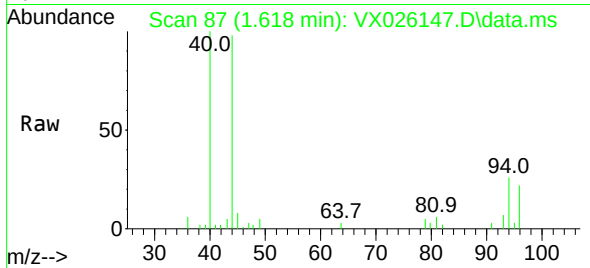




#5  
Bromomethane  
Concen: 1.203 ug/l  
RT: 1.618 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

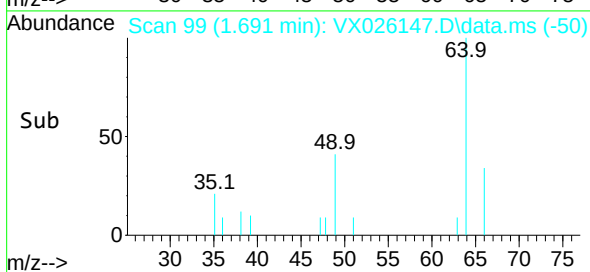
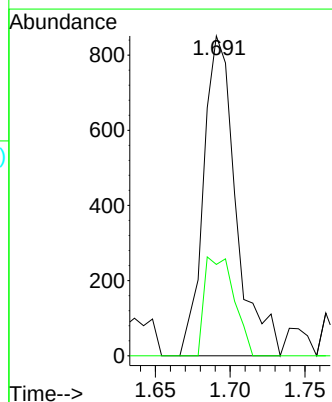
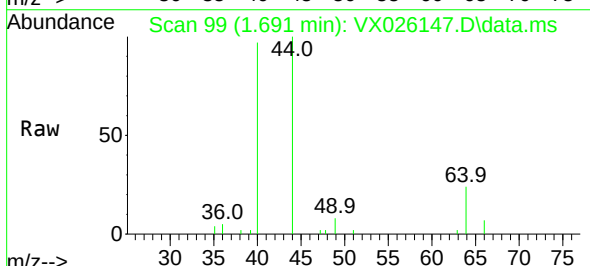
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

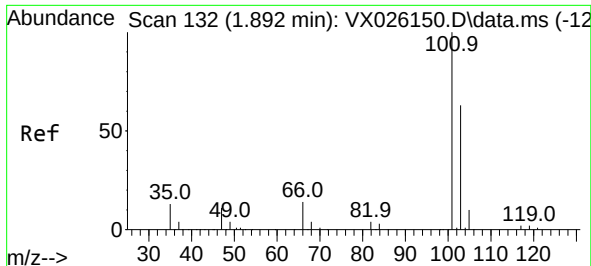
Tgt Ion: 94 Resp: 1191  
Ion Ratio Lower Upper  
94 100  
96 82.2 75.0 112.4



#6  
Chloroethane  
Concen: 1.253 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 64 Resp: 1284  
Ion Ratio Lower Upper  
64 100  
66 28.6 25.9 38.9

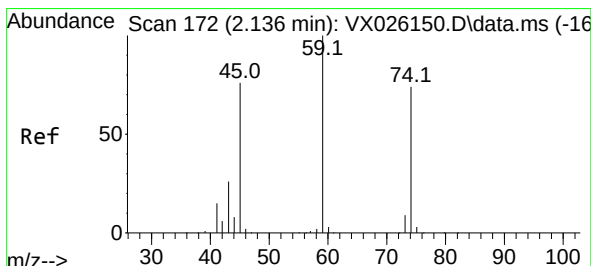
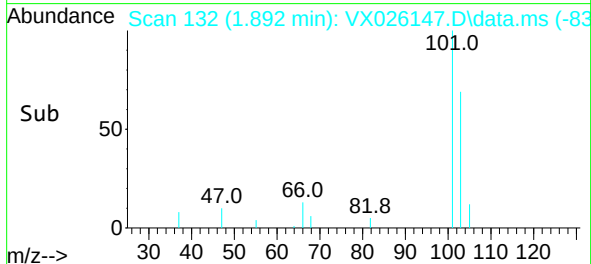
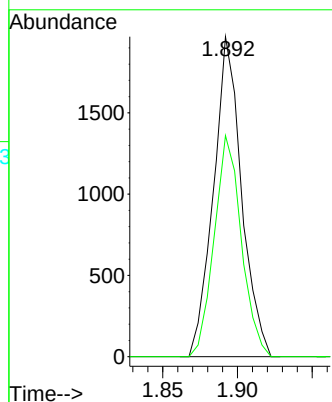
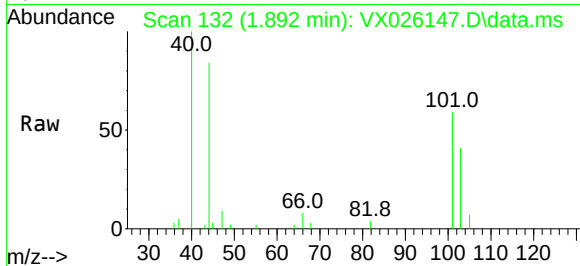




#7  
 Trichlorofluoromethane  
 Concen: 1.072 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

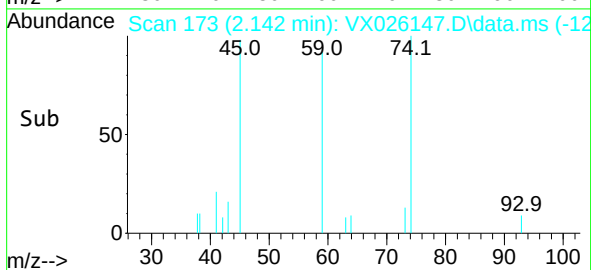
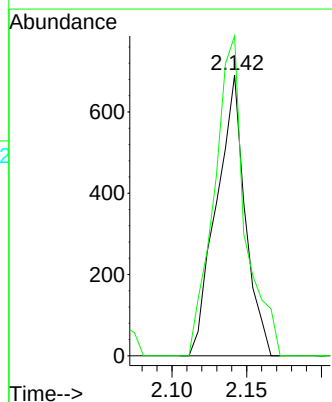
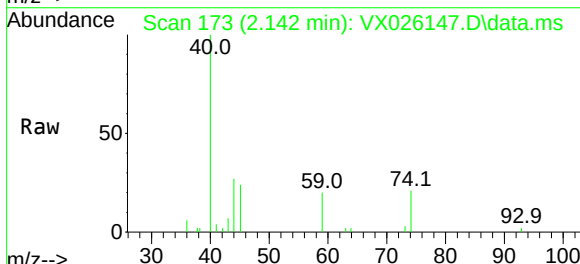
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:101 Resp: 2567  
 Ion Ratio Lower Upper  
 101 100  
 103 69.1 54.1 81.1

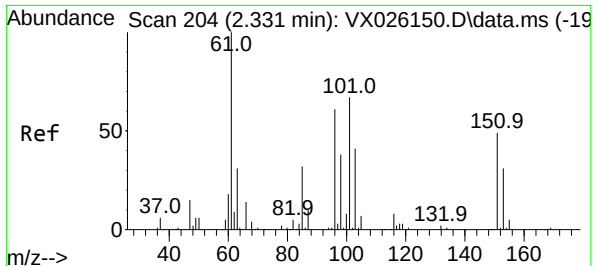


#8  
 Diethyl Ether  
 Concen: 1.016 ug/l  
 RT: 2.142 min Scan# 173  
 Delta R.T. 0.006 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

Tgt Ion: 74 Resp: 923  
 Ion Ratio Lower Upper  
 74 100  
 45 122.8 50.4 151.2



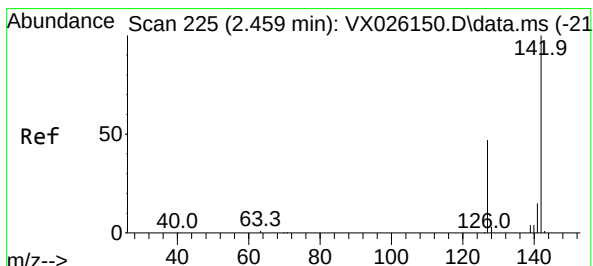
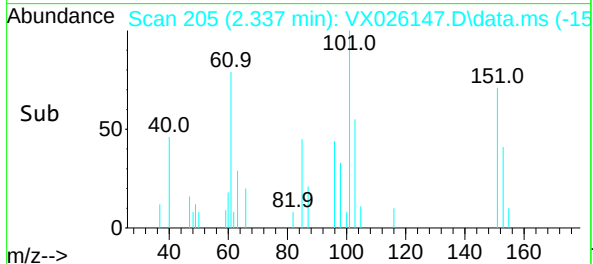
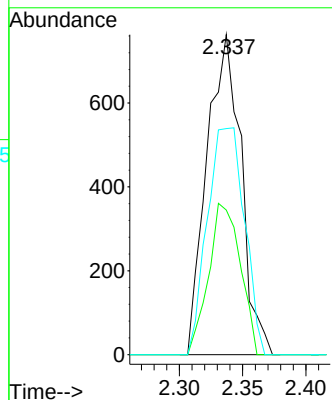
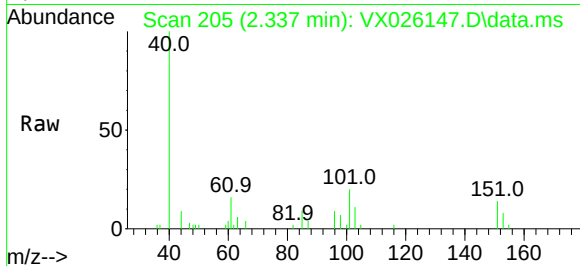




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.152 ug/l  
RT: 2.337 min Scan# 204  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

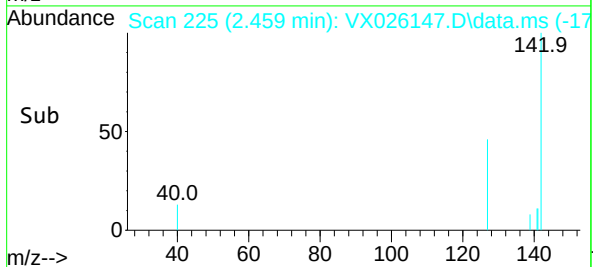
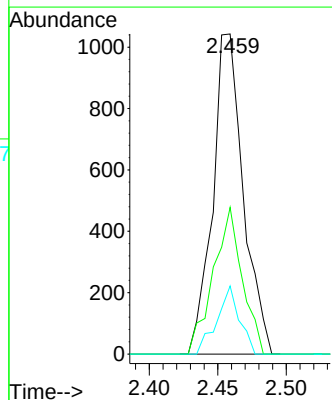
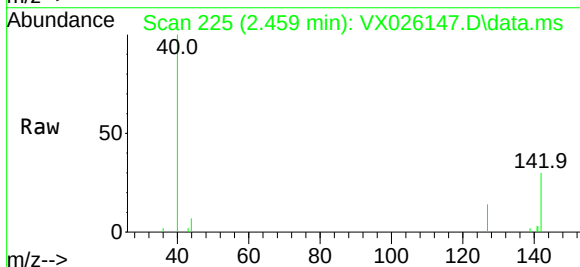
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

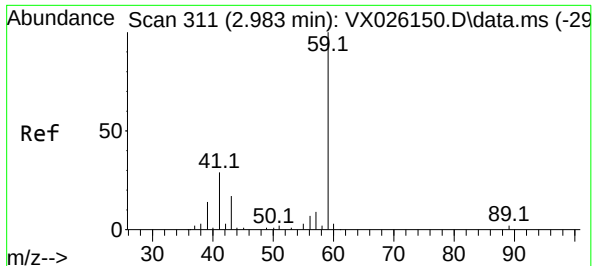
Tgt Ion:101 Resp: 1434  
Ion Ratio Lower Upper  
101 100  
85 43.7 36.5 54.7  
151 77.1 60.6 90.8



#10  
Methyl Iodide  
Concen: 1.033 ug/l  
RT: 2.459 min Scan# 225  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion:142 Resp: 1615  
Ion Ratio Lower Upper  
142 100  
127 43.4 37.5 56.3  
141 15.7 11.4 17.0





#11

Tert butyl alcohol

Concen: 10.793 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

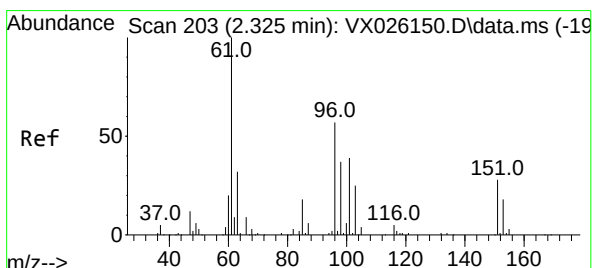
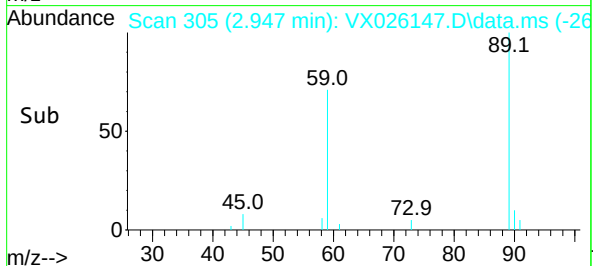
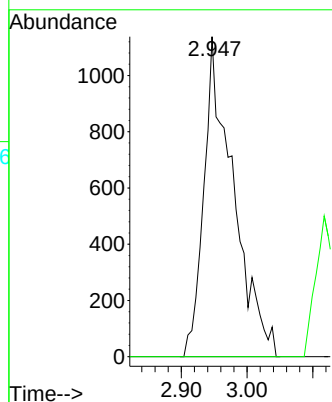
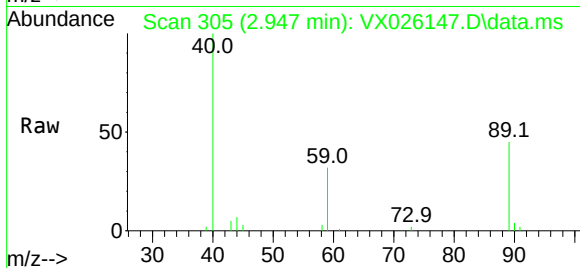
VSTDIC001

Tgt Ion: 59 Resp: 3521

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 1.108 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

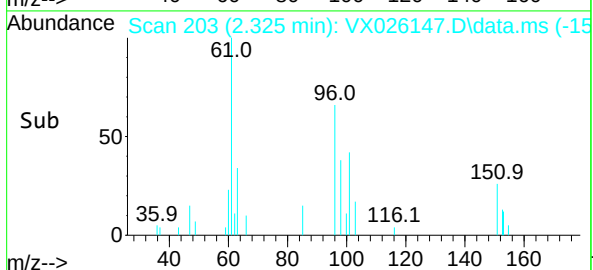
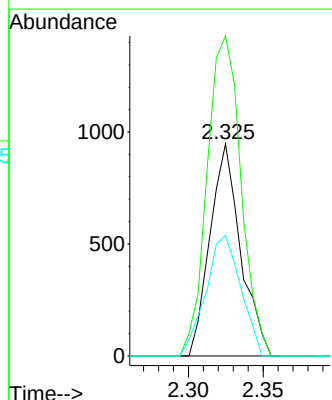
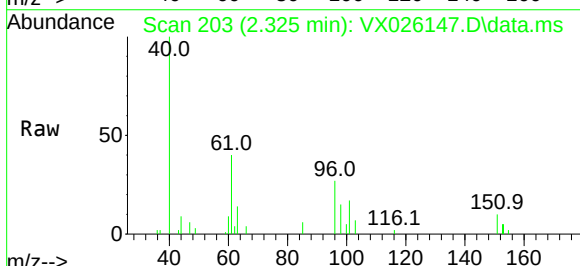
Tgt Ion: 96 Resp: 1347

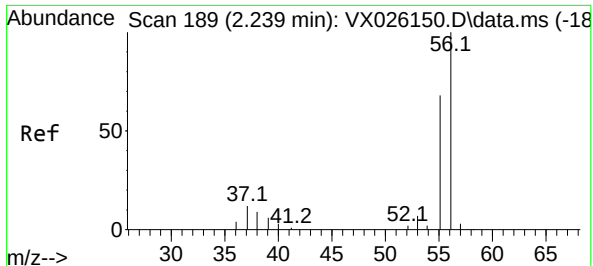
Ion Ratio Lower Upper

96 100

61 150.9 127.5 191.3

98 56.8 52.0 78.0





#13

Acrolein

Concen: 2.248 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

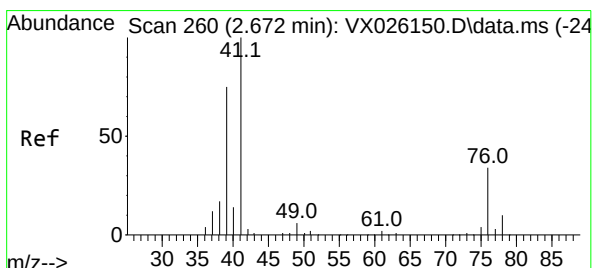
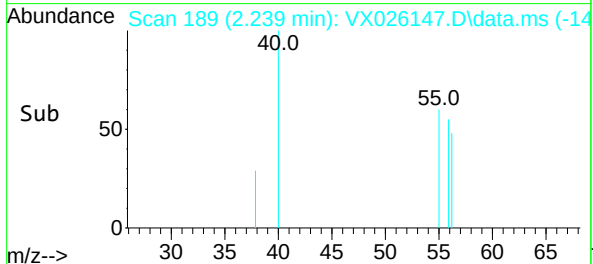
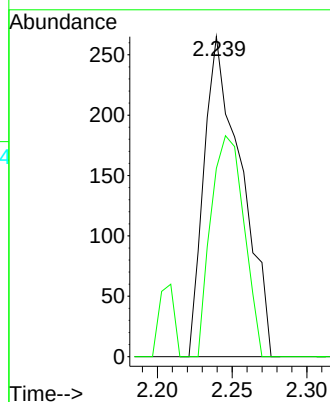
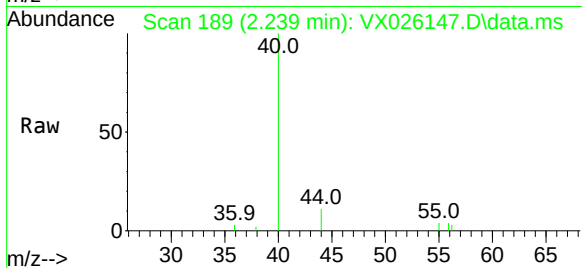
VSTDIC001

Tgt Ion: 56 Resp: 457

Ion Ratio Lower Upper

56 100

55 61.5 57.4 86.2



#14

Allyl chloride

Concen: 1.221 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

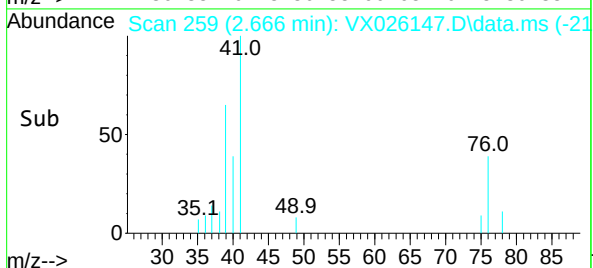
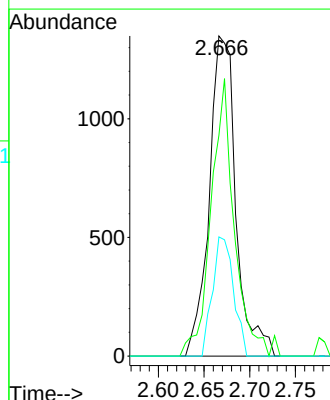
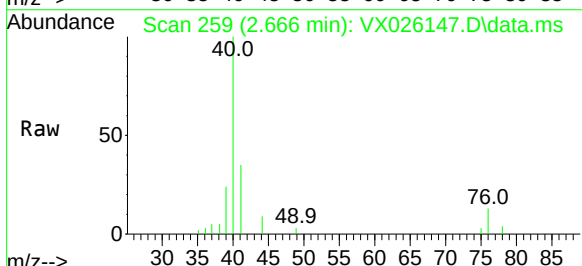
Tgt Ion: 41 Resp: 2743

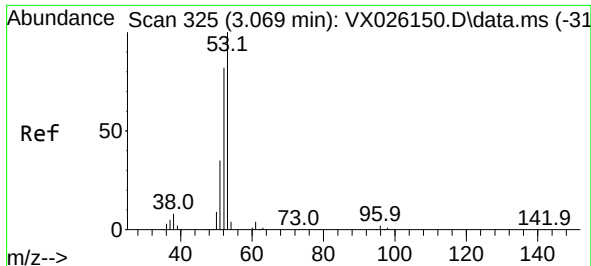
Ion Ratio Lower Upper

41 100

39 76.0 55.4 83.0

76 29.2 27.6 41.4

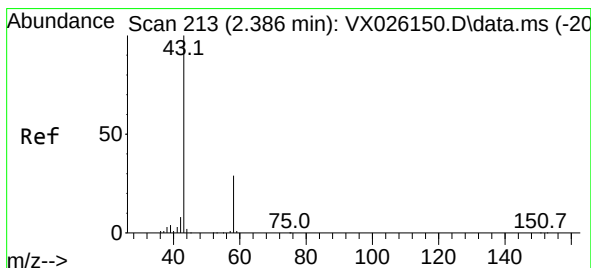
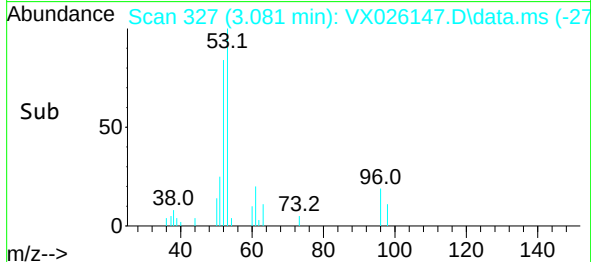
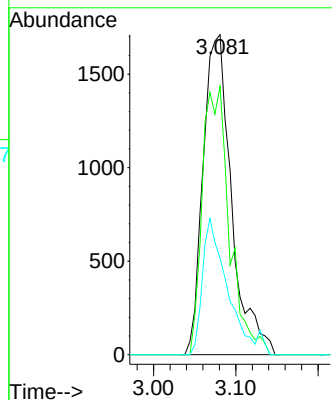
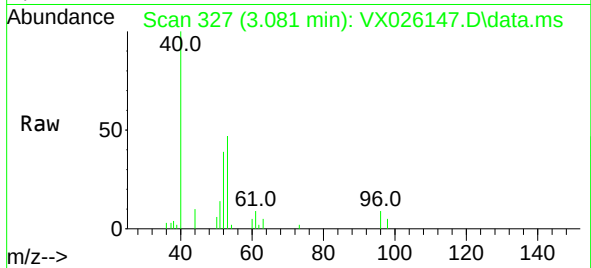




#15  
Acrylonitrile  
Concen: 5.350 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

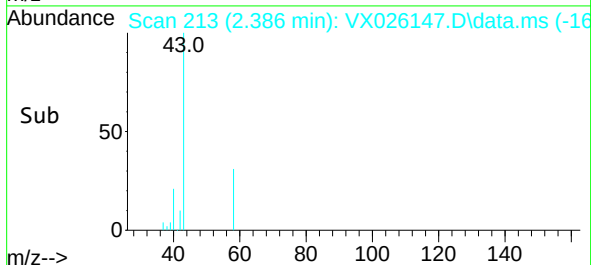
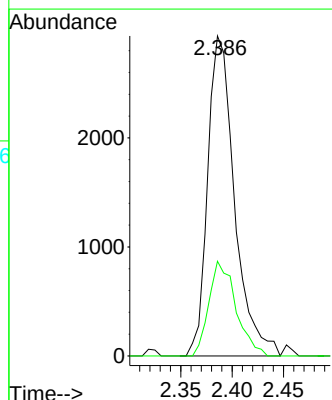
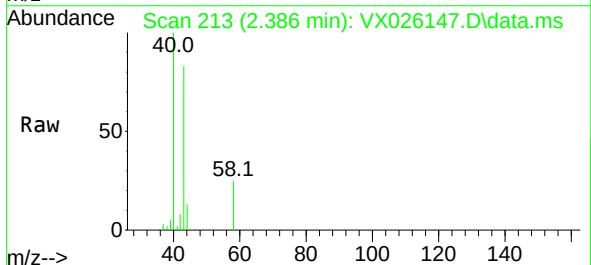
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

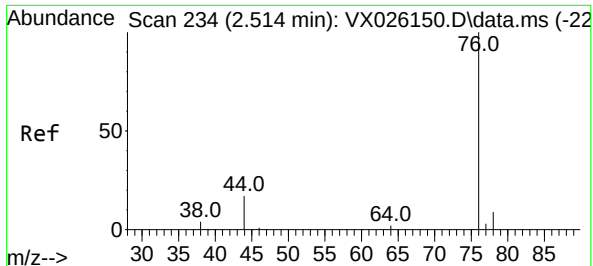
Tgt Ion: 53 Resp: 4115  
Ion Ratio Lower Upper  
53 100  
52 80.0 66.2 99.2  
51 38.2 29.4 44.0



#16  
Acetone  
Concen: 6.748 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 43 Resp: 5340  
Ion Ratio Lower Upper  
43 100  
58 29.6 24.8 37.2

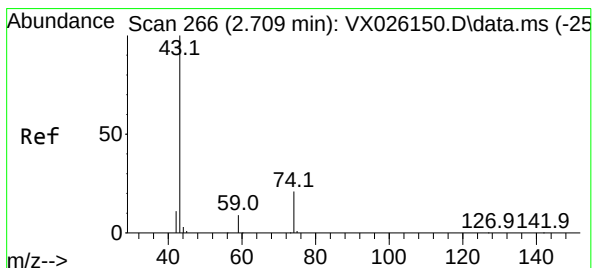
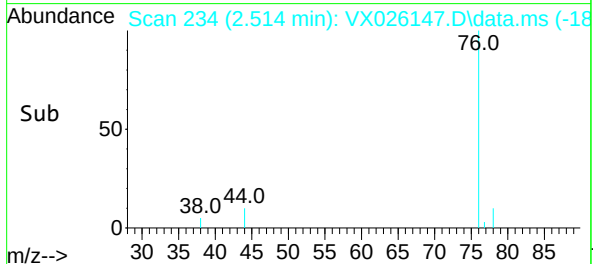
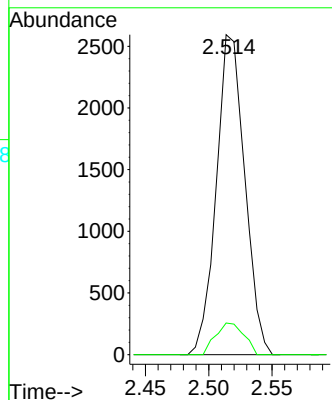
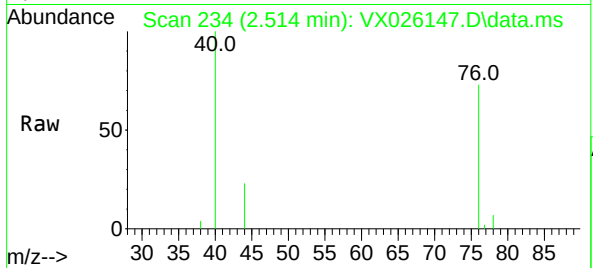




#17  
Carbon Disulfide  
Concen: 1.161 ug/l  
RT: 2.514 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

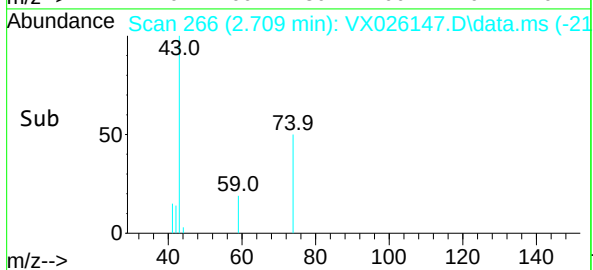
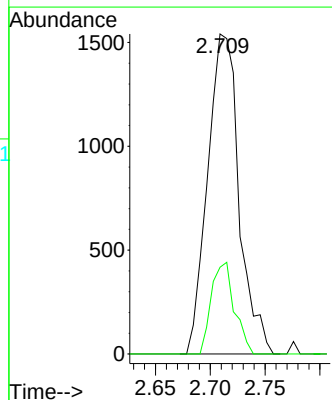
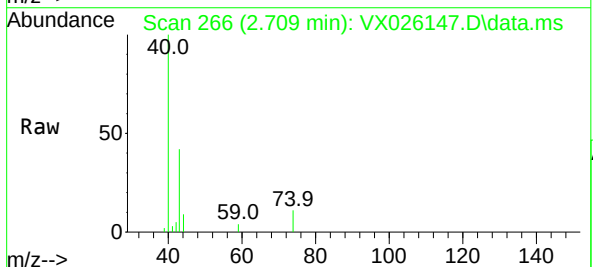
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

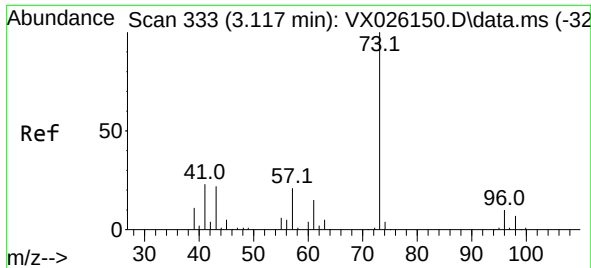
Tgt Ion: 76 Resp: 4054  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 1.214 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 43 Resp: 3074  
Ion Ratio Lower Upper  
43 100  
74 21.0 19.1 28.7

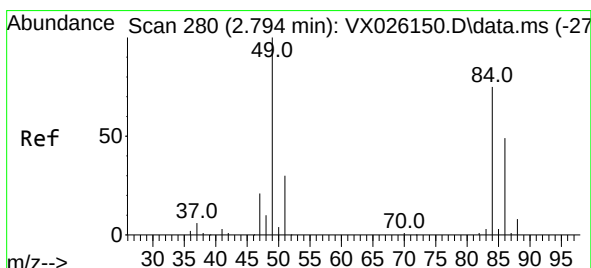
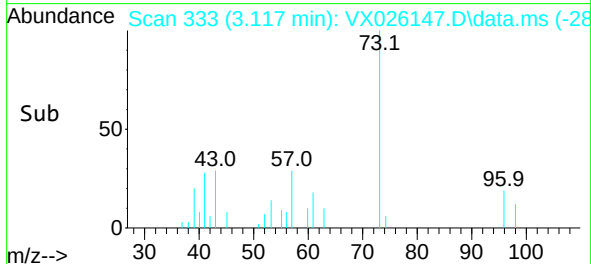
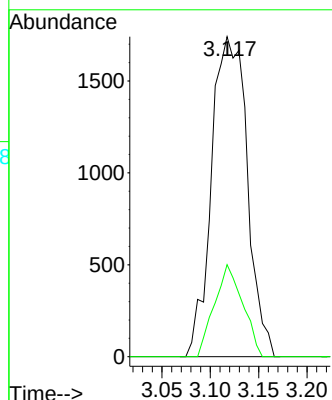
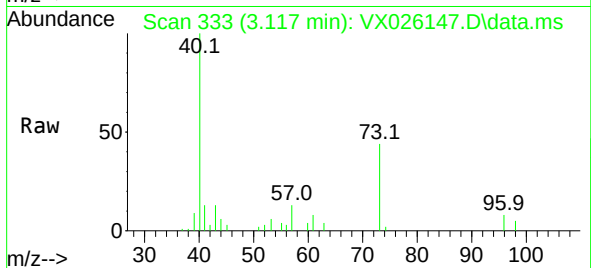




#19  
Methyl tert-butyl Ether  
Concen: 1.053 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

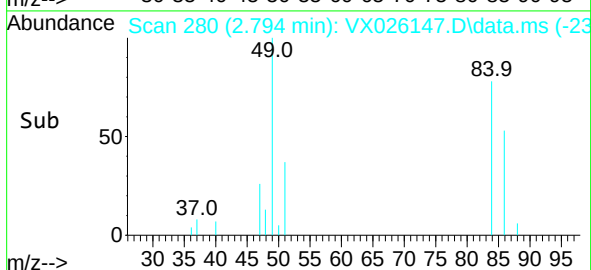
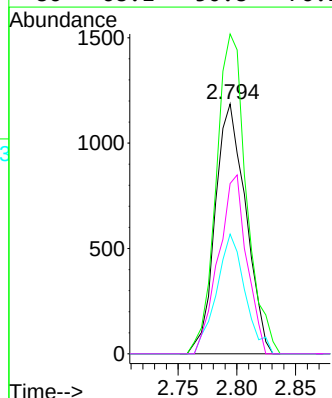
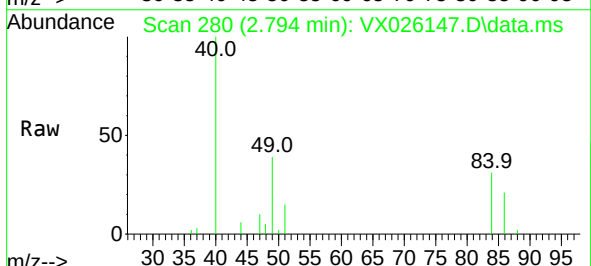
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

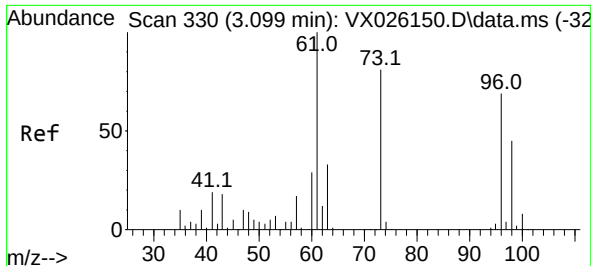
Tgt Ion: 73 Resp: 4465  
Ion Ratio Lower Upper  
73 100  
57 28.8 17.0 25.6#



#20  
Methylene Chloride  
Concen: 1.359 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

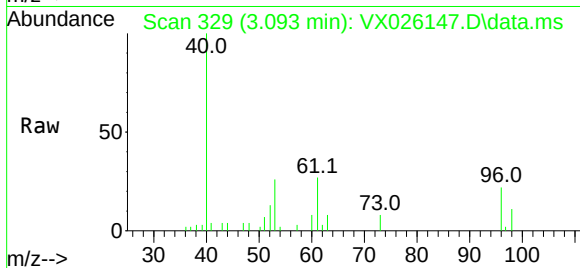
Tgt Ion: 84 Resp: 2144  
Ion Ratio Lower Upper  
84 100  
49 128.0 97.1 145.7  
51 47.9 29.3 43.9#  
86 68.1 50.8 76.2



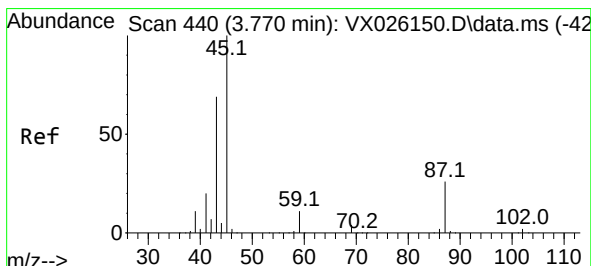
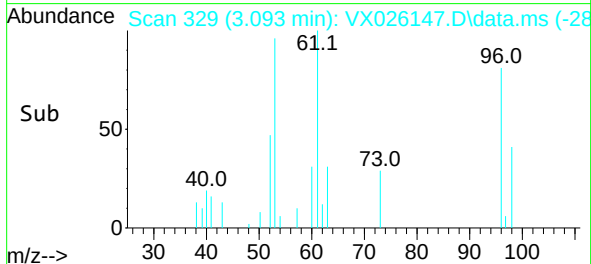
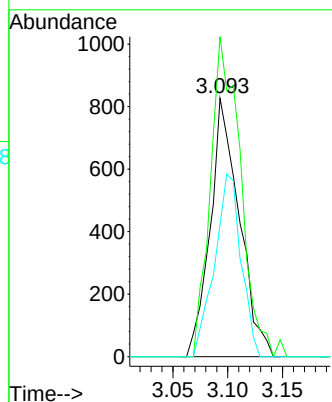


#21  
trans-1,2-Dichloroethene  
Concen: 1.137 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

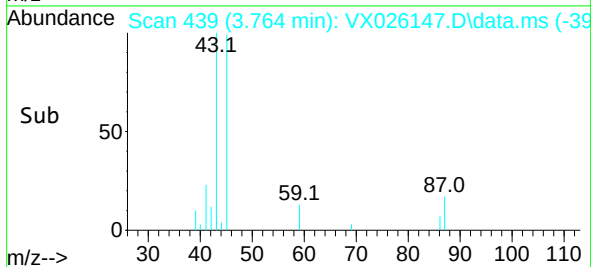
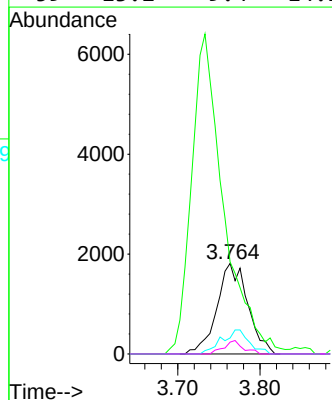
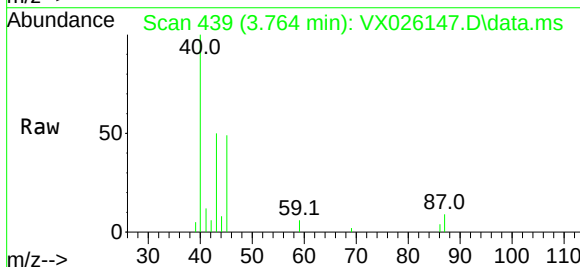


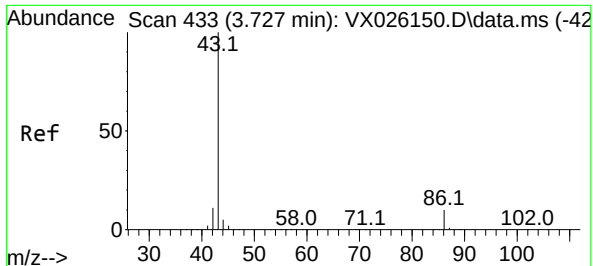
Tgt Ion: 96 Resp: 1522  
Ion Ratio Lower Upper  
96 100  
61 123.8 105.7 158.5  
98 51.1 52.1 78.1#



#22  
Diisopropyl ether  
Concen: 1.090 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 45 Resp: 4710  
Ion Ratio Lower Upper  
45 100  
43 95.4 63.8 95.6  
87 17.7 24.2 36.4#  
59 13.2 9.4 14.2

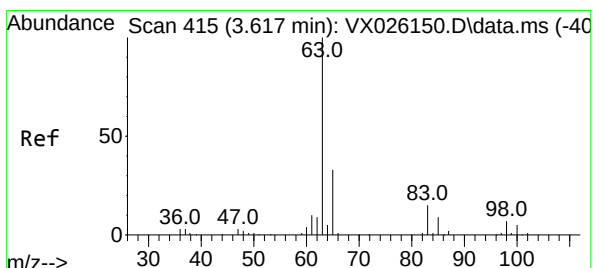
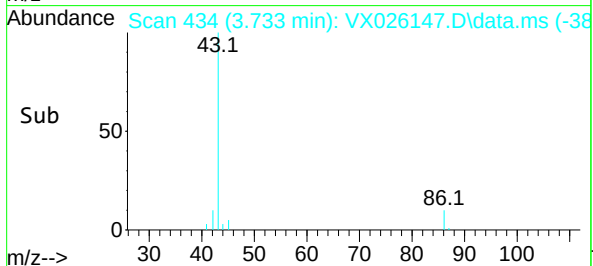
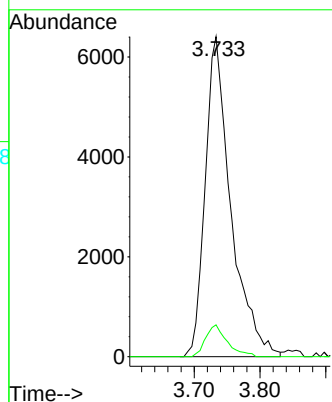
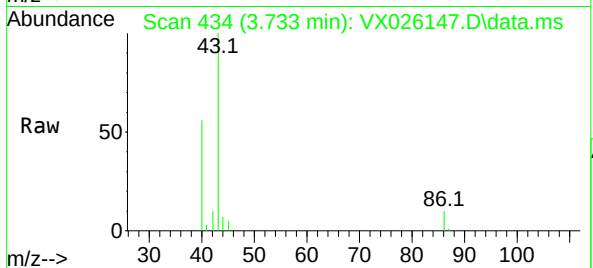




#23  
 Vinyl Acetate  
 Concen: 5.184 ug/l  
 RT: 3.733 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

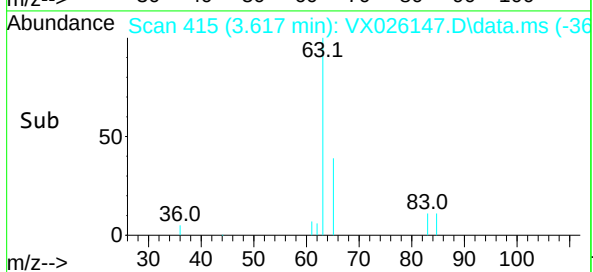
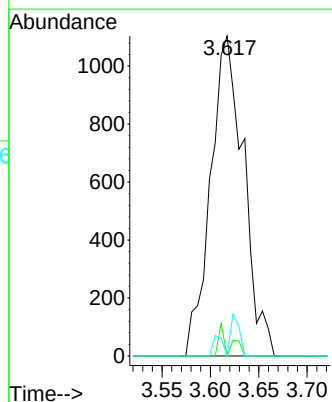
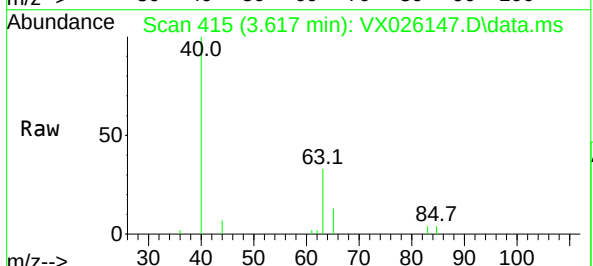
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 43 Resp: 17385  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 9.0 13.6

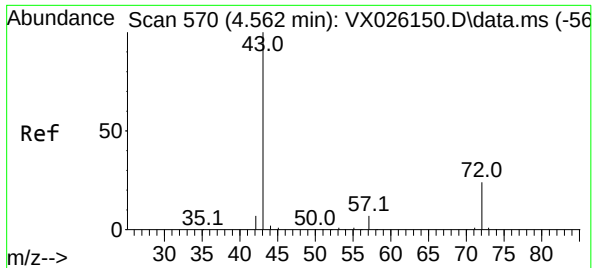


#24  
 1,1-Dichloroethane  
 Concen: 1.072 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

Tgt Ion: 63 Resp: 2628  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.3 9.9#  
 100 0.0 2.2 6.6#



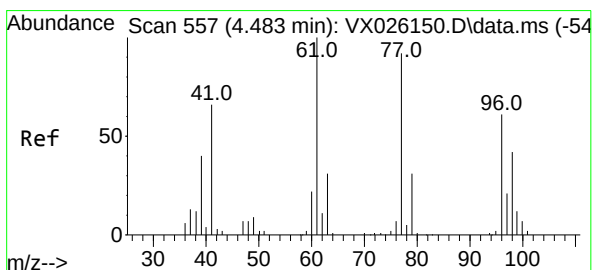
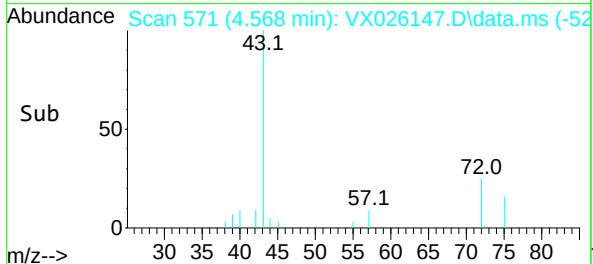
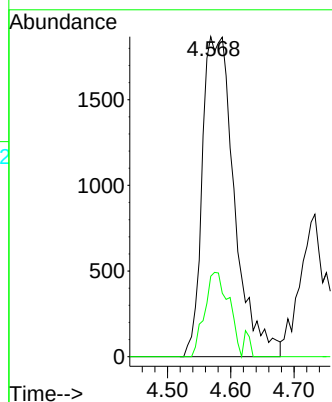
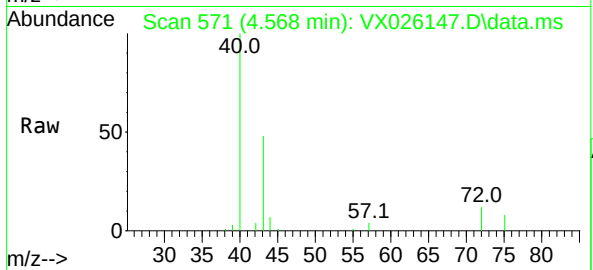




#25  
2-Butanone  
Concen: 5.931 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

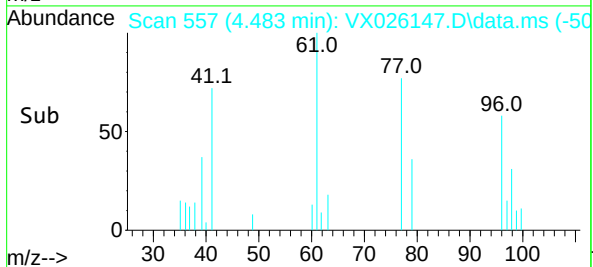
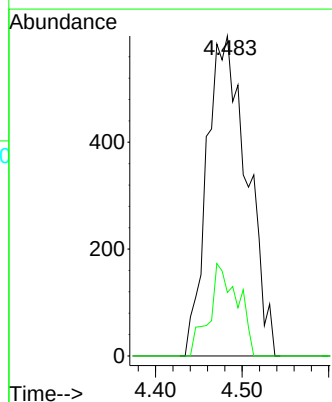
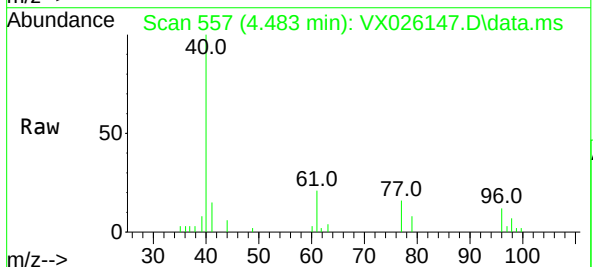
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

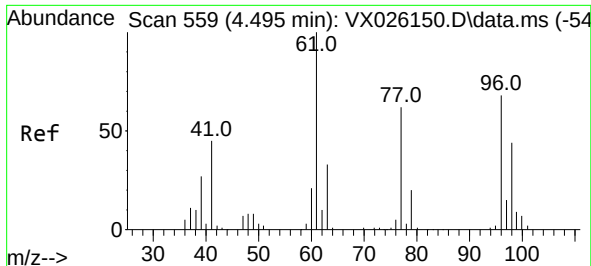
Tgt Ion: 43 Resp: 6588  
Ion Ratio Lower Upper  
43 100  
72 25.2 21.0 31.4



#26  
2,2-Dichloropropane  
Concen: 1.029 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 77 Resp: 1924  
Ion Ratio Lower Upper  
77 100  
97 20.5 11.7 35.0

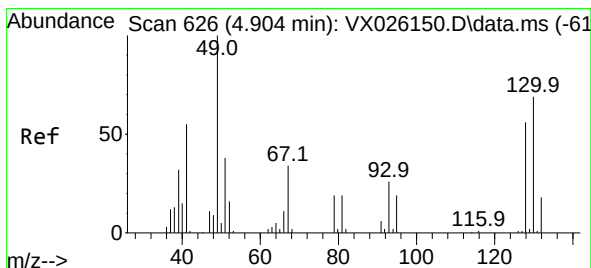
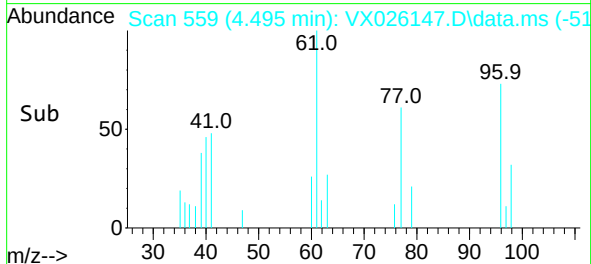
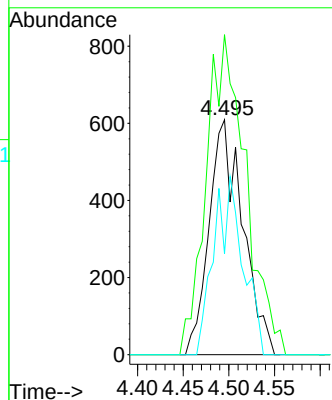
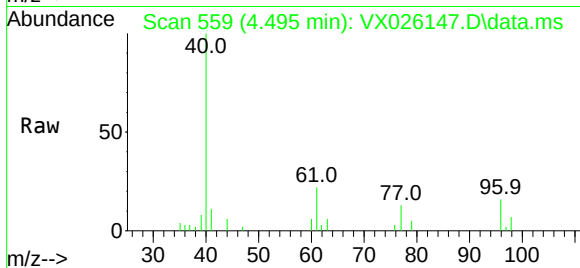




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.986 ug/l  
 RT: 4.495 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

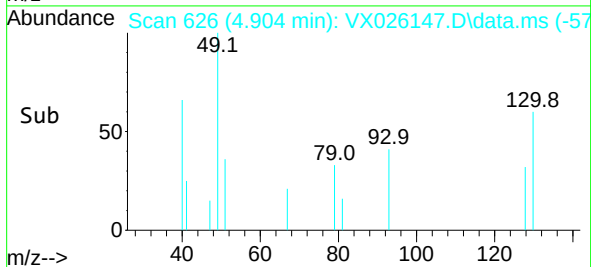
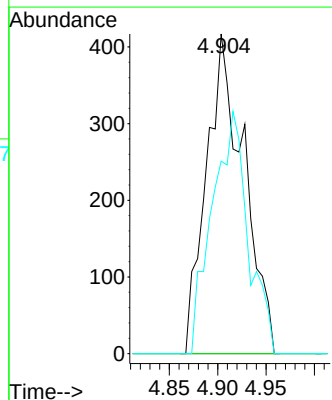
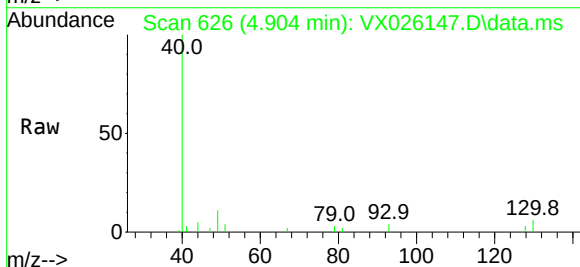
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

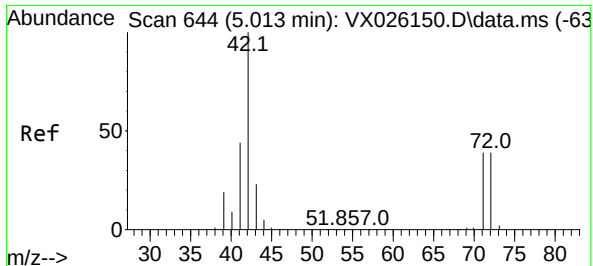
Tgt Ion: 96 Resp: 1562  
 Ion Ratio Lower Upper  
 96 100  
 61 159.7 0.0 276.8  
 98 65.0 0.0 130.6



#28  
 Bromochloromethane  
 Concen: 1.038 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

Tgt Ion: 49 Resp: 1124  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 4.4  
 130 72.6 67.1 100.7





#29

Tetrahydrofuran

Concen: 5.734 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

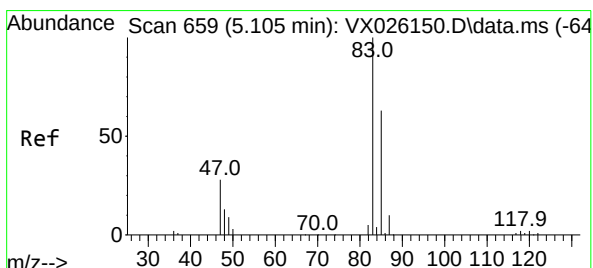
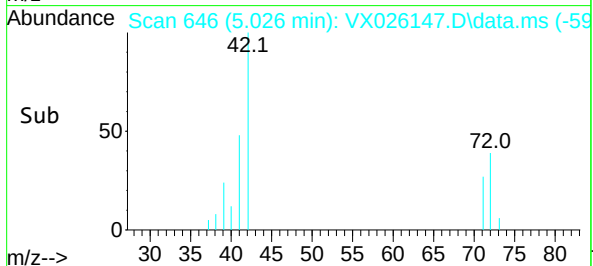
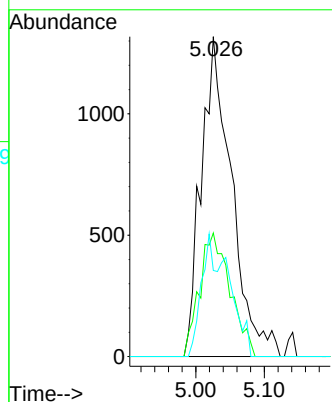
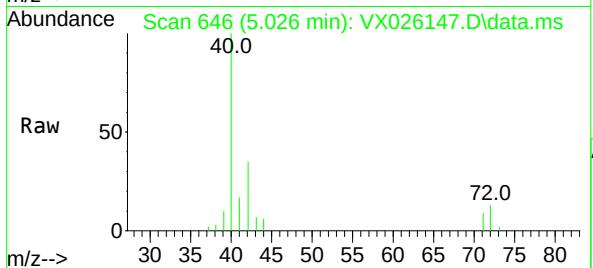
Tgt Ion: 42 Resp: 4062

Ion Ratio Lower Upper

42 100

72 39.0 37.0 55.6

71 18.7 34.1 51.1#



#30

Chloroform

Concen: 1.059 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX026147.D

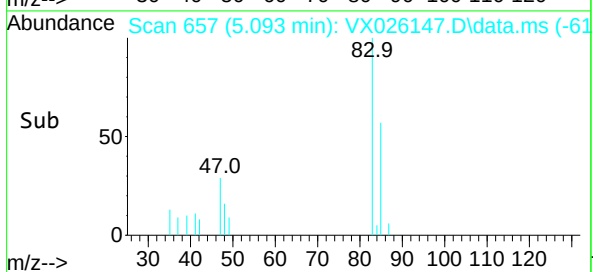
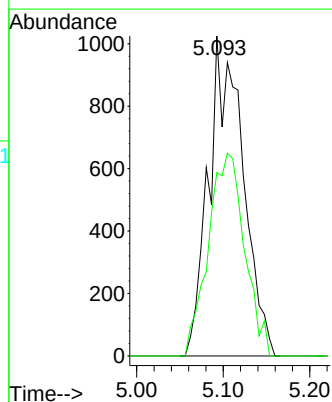
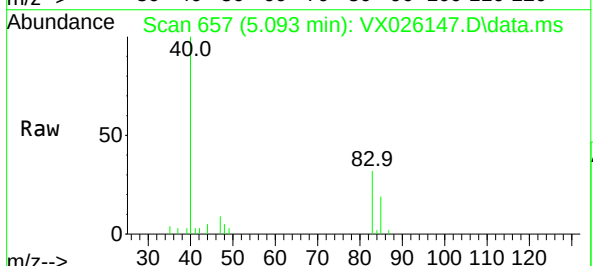
Acq: 29 Dec 2021 18:56

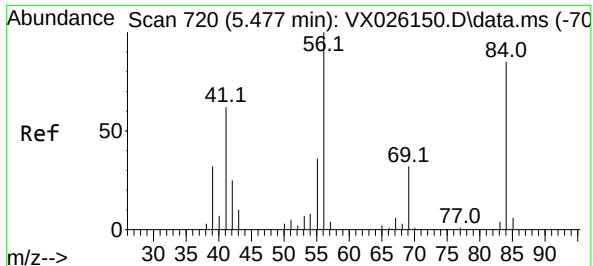
Tgt Ion: 83 Resp: 2826

Ion Ratio Lower Upper

83 100

85 57.3 50.6 75.8

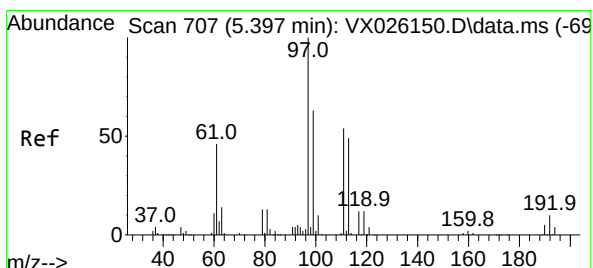
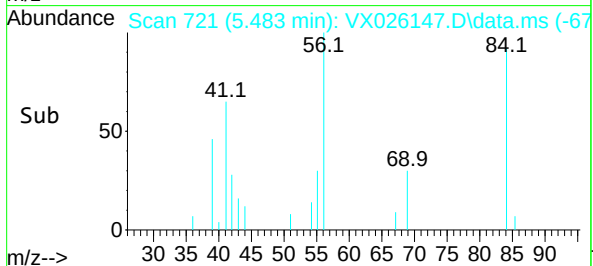
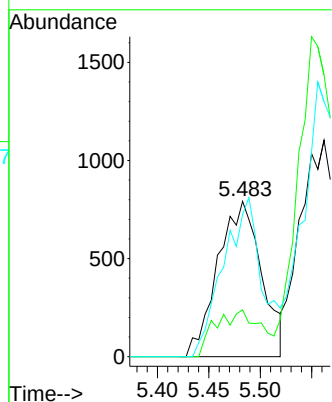
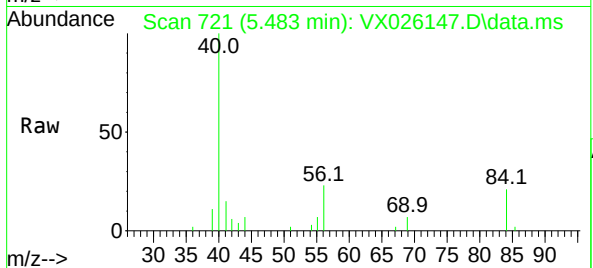




#31  
Cyclohexane  
Concen: 1.117 ug/l  
RT: 5.483 min Scan# 721  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

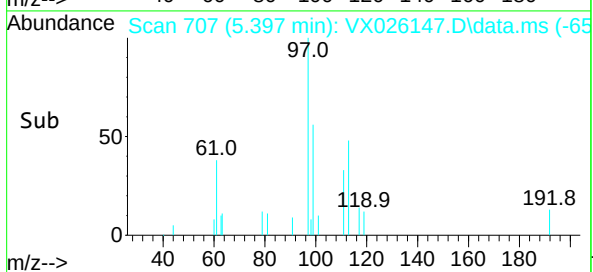
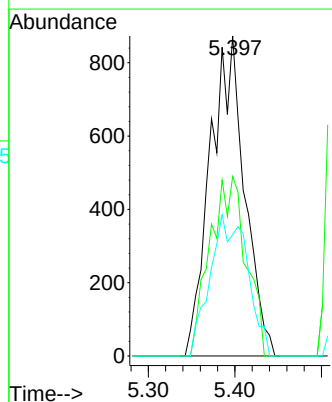
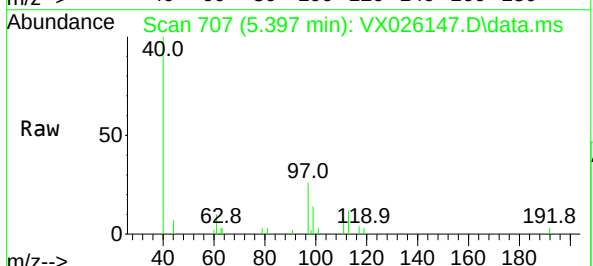
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

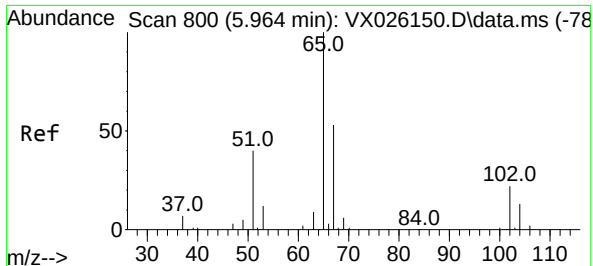
Tgt Ion: 56 Resp: 2338  
Ion Ratio Lower Upper  
56 100  
69 30.2 23.9 35.9  
84 91.5 73.2 109.8



#32  
1,1,1-Trichloroethane  
Concen: 1.030 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 97 Resp: 2403  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.5 77.3#  
61 48.1 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 0.889 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

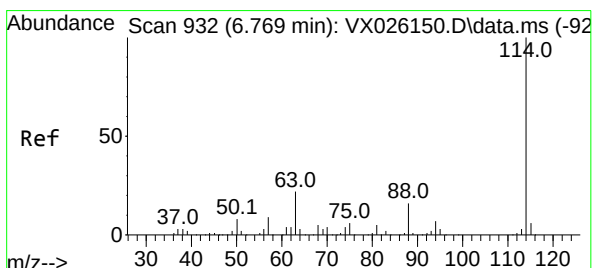
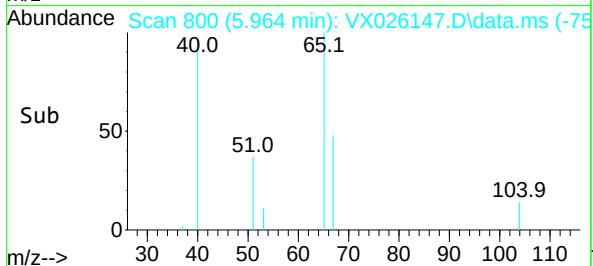
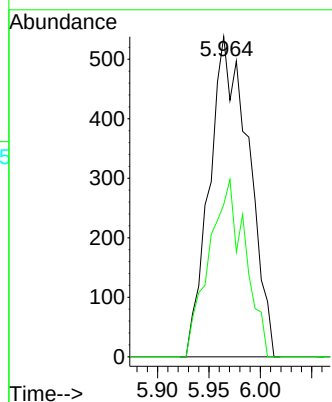
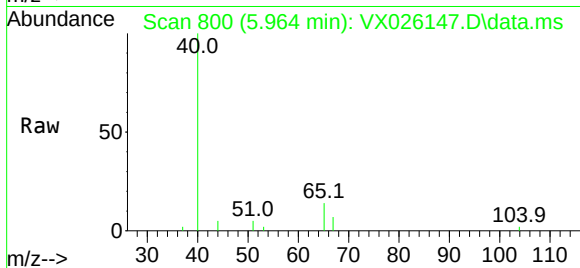
VSTDIC001

Tgt Ion: 65 Resp: 1427

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

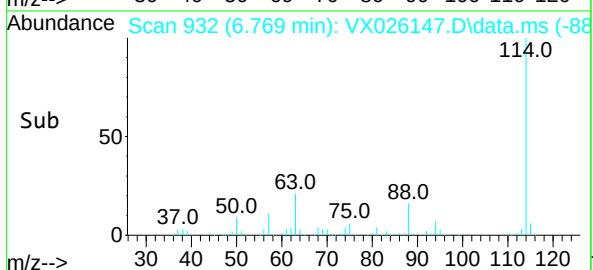
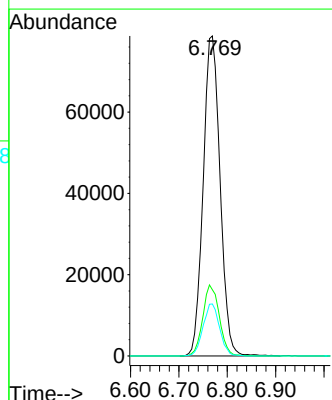
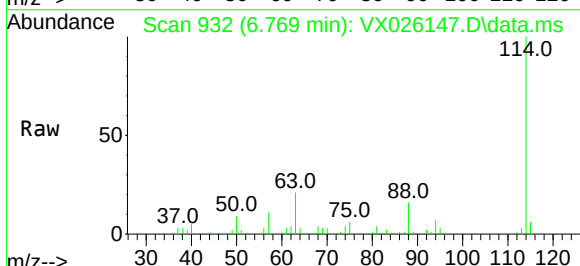
Tgt Ion: 114 Resp: 191329

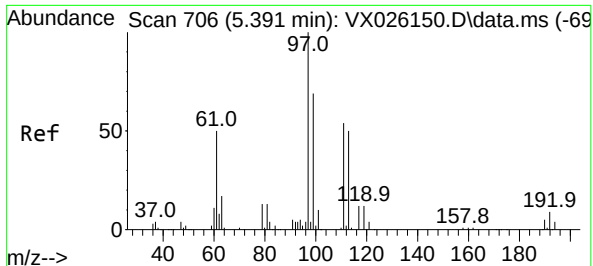
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 0.823 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

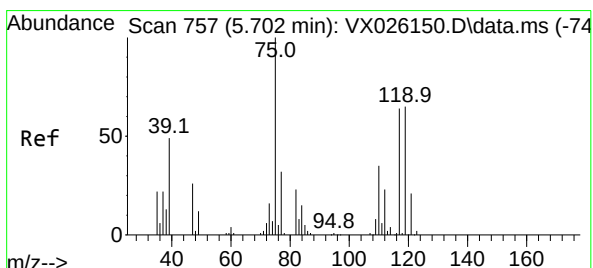
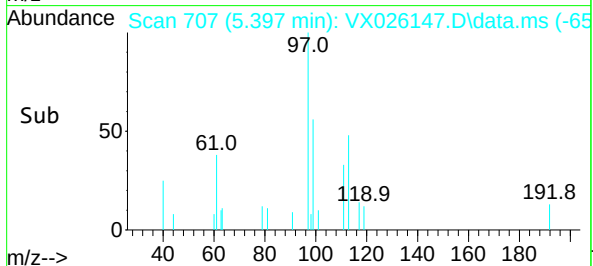
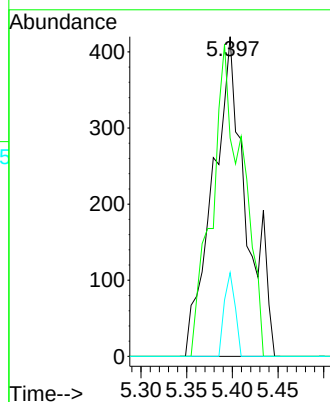
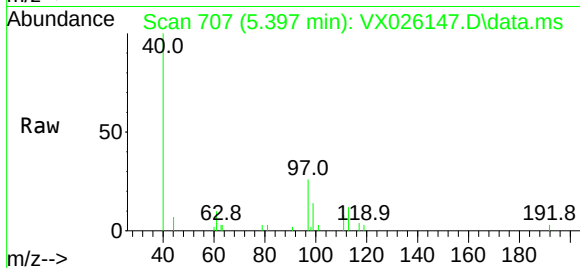
Tgt Ion:113 Resp: 1068

Ion Ratio Lower Upper

113 100

111 89.3 81.8 122.8

192 8.4 15.0 22.4#



#36

1,1-Dichloropropene

Concen: 1.051 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

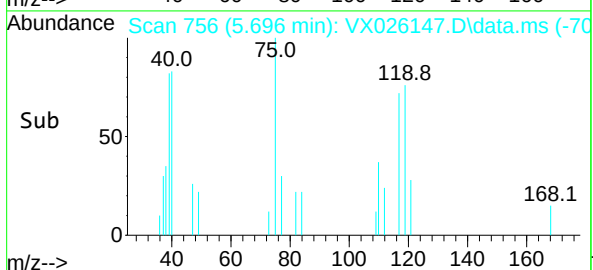
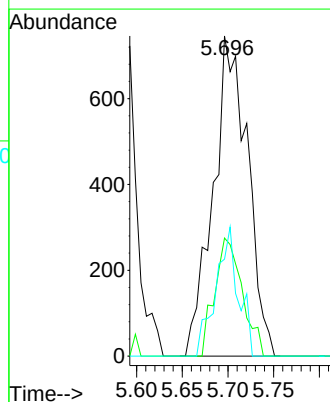
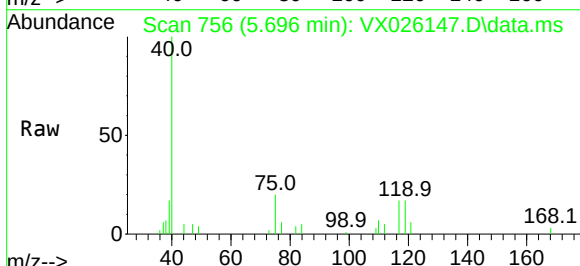
Tgt Ion: 75 Resp: 1958

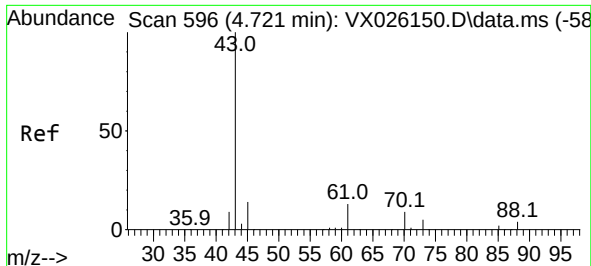
Ion Ratio Lower Upper

75 100

110 29.5 18.2 54.6

77 26.4 24.7 37.1





#37

Ethyl Acetate

Concen: 1.001 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

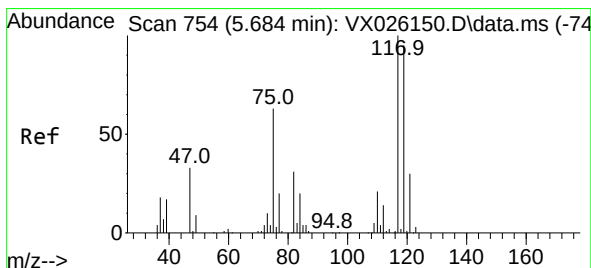
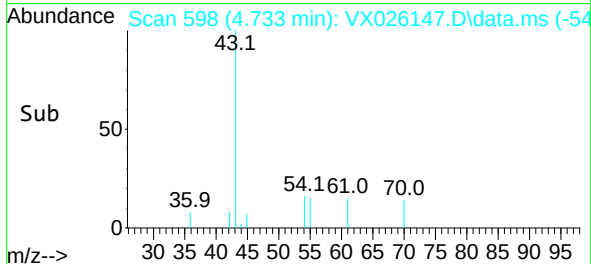
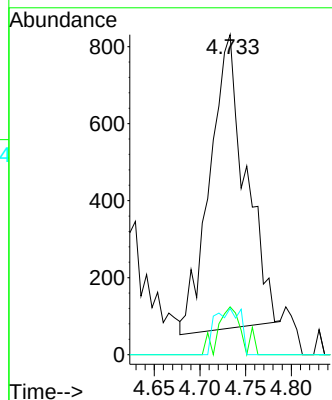
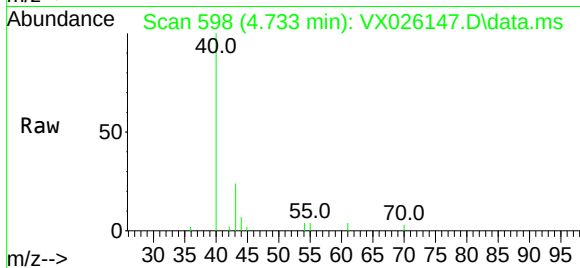
Tgt Ion: 43 Resp: 2072

Ion Ratio Lower Upper

43 100

61 9.5 10.7 16.1#

70 11.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 1.081 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

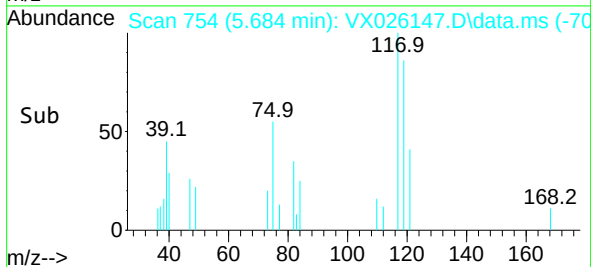
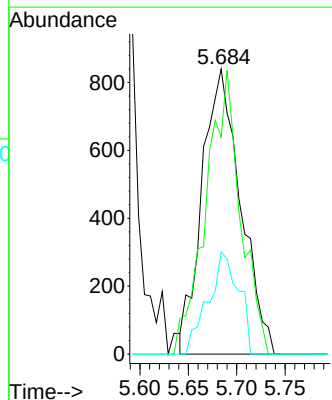
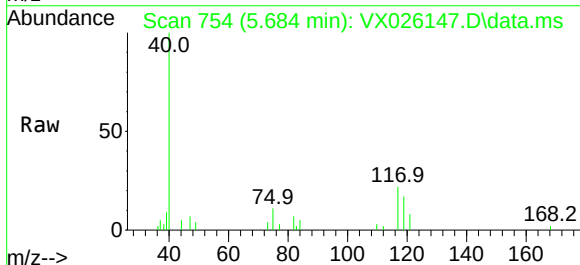
Tgt Ion: 117 Resp: 2331

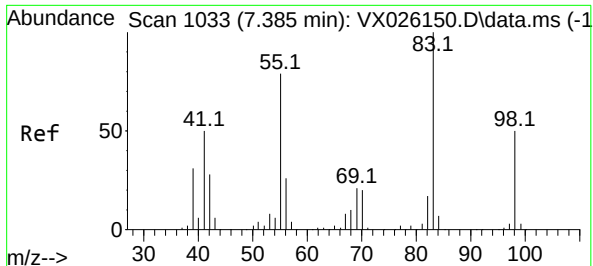
Ion Ratio Lower Upper

117 100

119 76.1 77.2 115.8#

121 35.8 23.8 35.8#





#39

Methylcyclohexane

Concen: 1.043 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

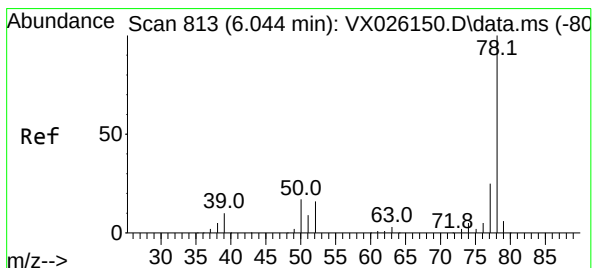
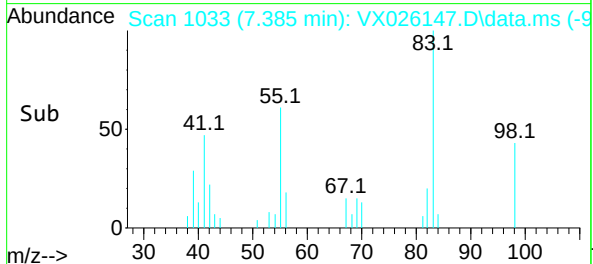
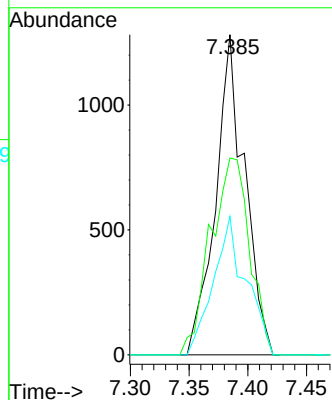
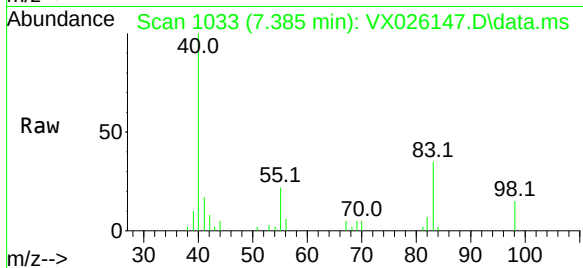
Tgt Ion: 83 Resp: 2210

Ion Ratio Lower Upper

83 100

55 61.5 57.8 86.8

98 43.2 40.5 60.7



#40

Benzene

Concen: 1.091 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX026147.D

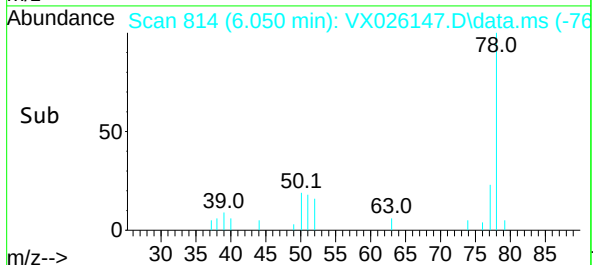
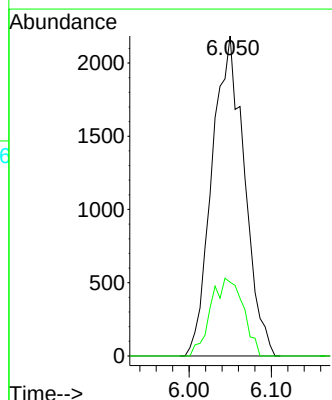
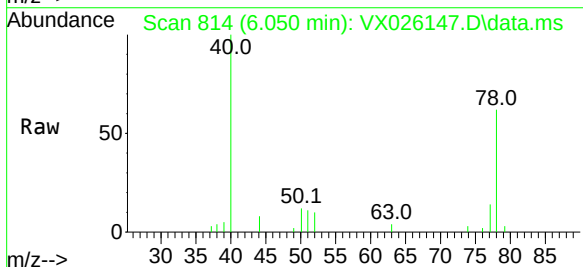
Acq: 29 Dec 2021 18:56

Tgt Ion: 78 Resp: 5963

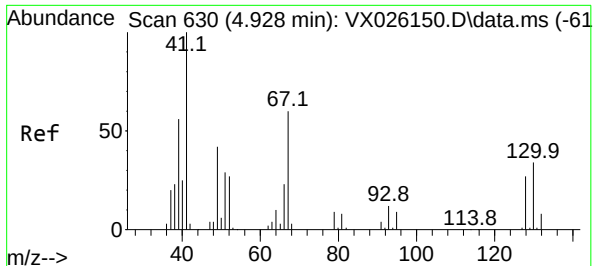
Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8



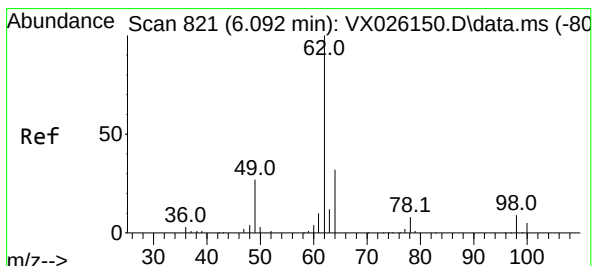
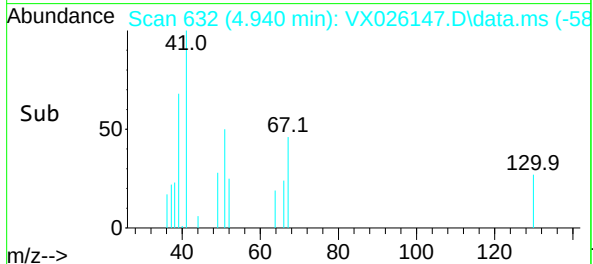
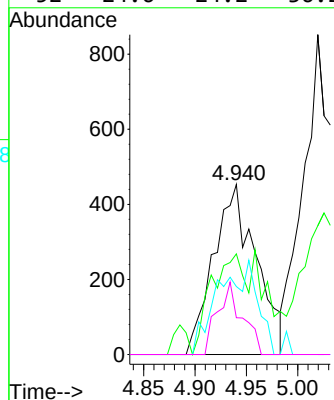
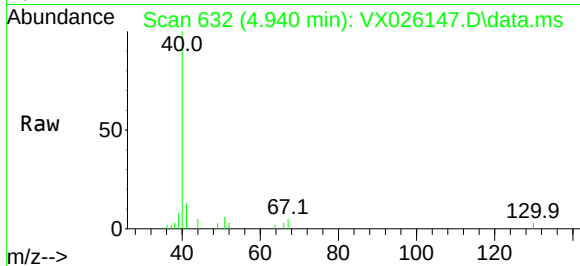




#41  
Methacrylonitrile  
Concen: 1.134 ug/l  
RT: 4.940 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

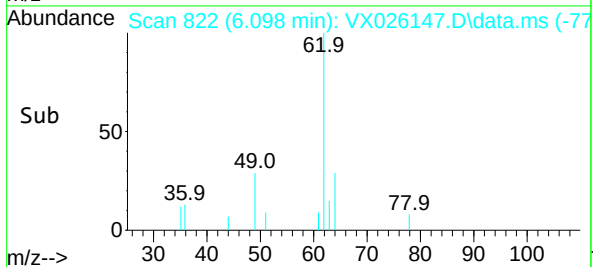
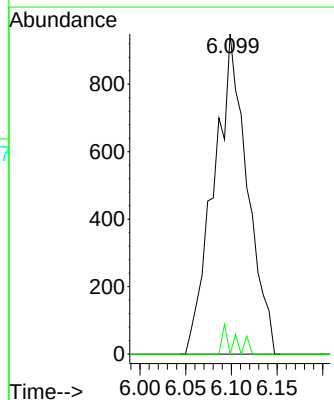
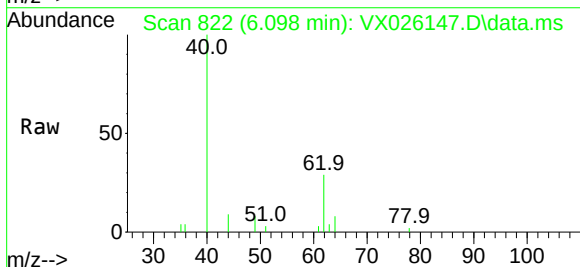
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

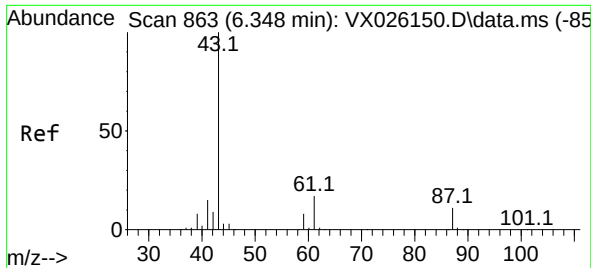
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 41 | Resp: | 1310  |       |
| Ion         | Ratio | Lower | Upper |
| 41          | 100   |       |       |
| 39          | 48.0  | 44.2  | 66.2  |
| 67          | 33.7  | 59.7  | 89.5# |
| 52          | 24.6  | 24.2  | 36.2  |



#42  
1,2-Dichloroethane  
Concen: 1.155 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion: 62 | Resp: | 2416  |       |
| Ion         | Ratio | Lower | Upper |
| 62          | 100   |       |       |
| 98          | 3.1   | 0.0   | 18.8  |

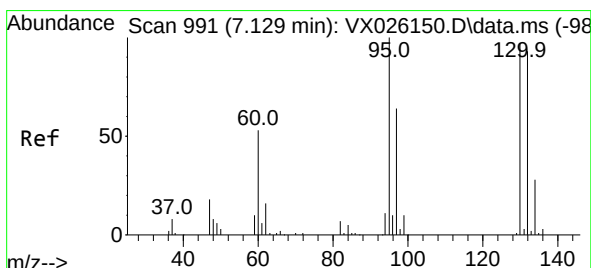
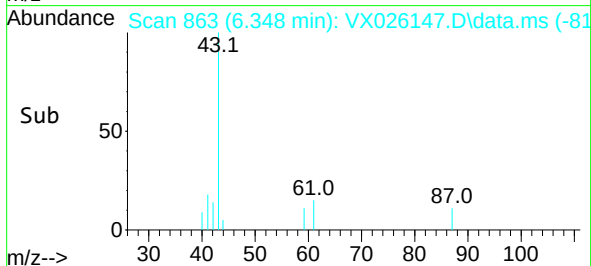
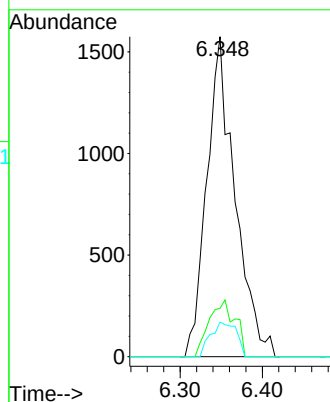
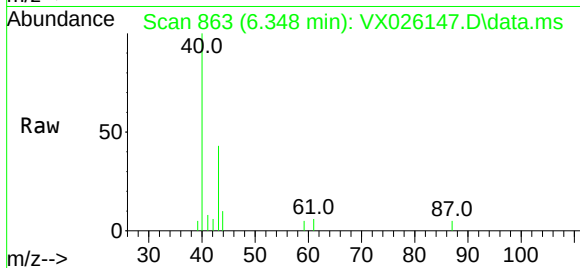




#43  
Isopropyl Acetate  
Concen: 1.127 ug/l  
RT: 6.348 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

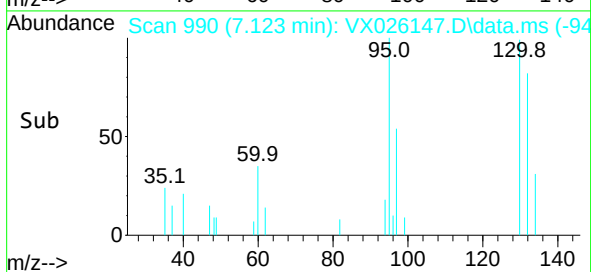
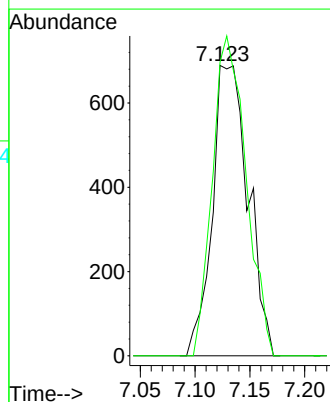
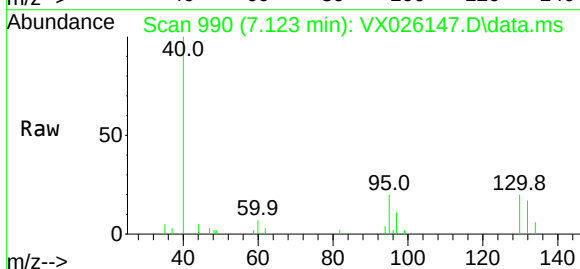
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

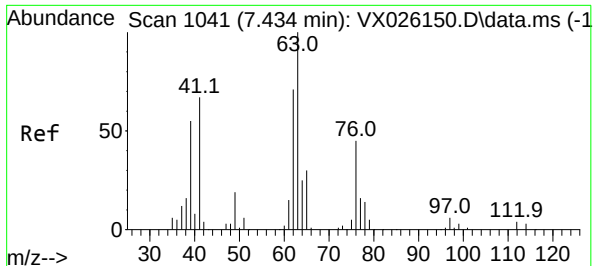
Tgt Ion: 43 Resp: 3762  
Ion Ratio Lower Upper  
43 100  
61 16.3 15.7 23.5  
87 9.8 11.2 16.8#



#44  
Trichloroethene  
Concen: 1.034 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion:130 Resp: 1569  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 186.4





#45

1,2-Dichloropropane

Concen: 1.014 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

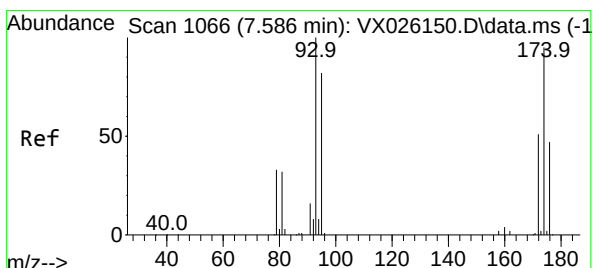
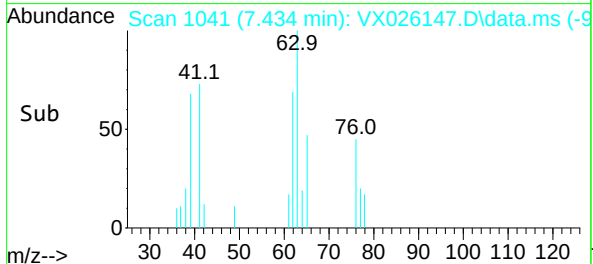
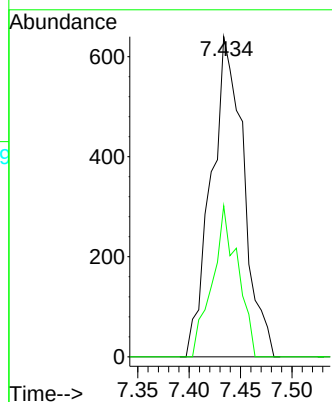
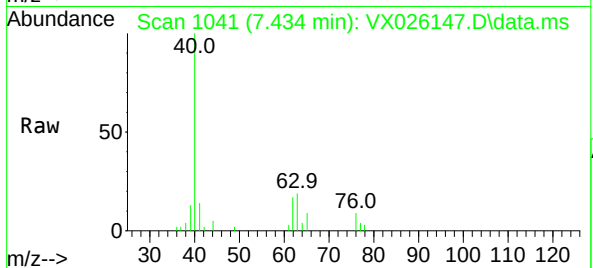
VSTDIC001

Tgt Ion: 63 Resp: 1407

Ion Ratio Lower Upper

63 100

65 47.2 25.8 38.6#



#46

Dibromomethane

Concen: 1.086 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

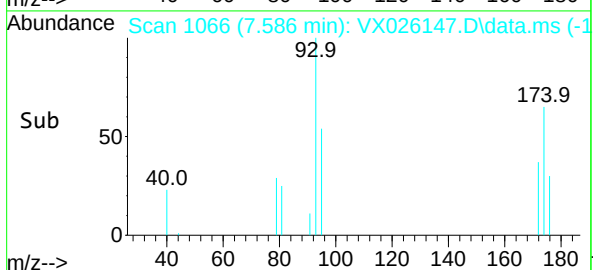
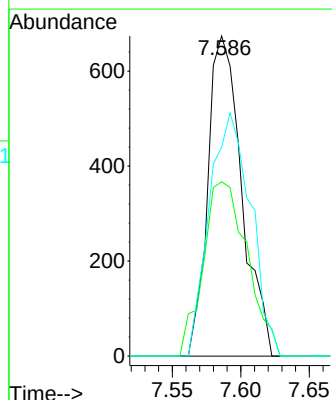
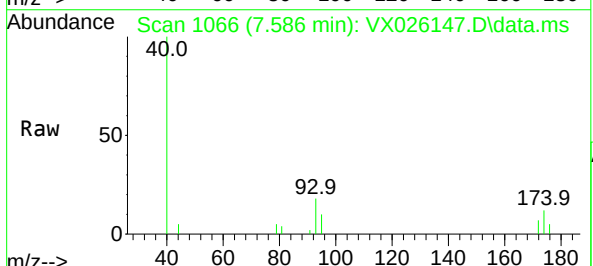
Tgt Ion: 93 Resp: 1157

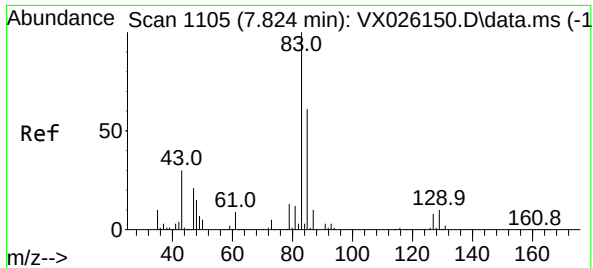
Ion Ratio Lower Upper

93 100

95 70.9 66.6 100.0

174 92.7 77.3 115.9

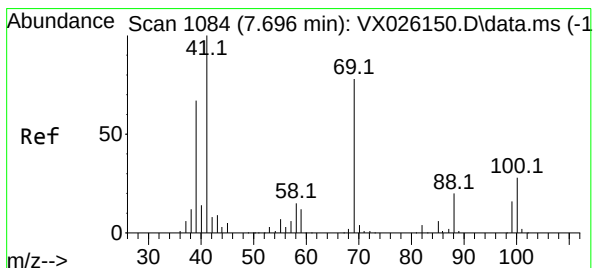
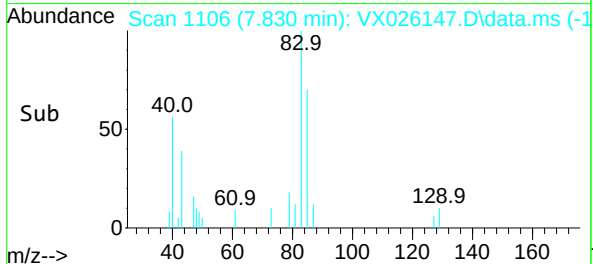
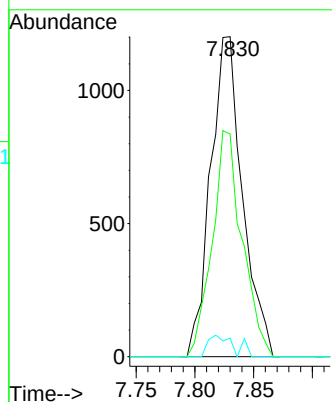
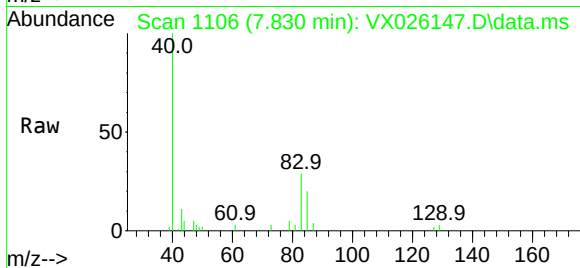




#47  
Bromodichloromethane  
Concen: 1.077 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

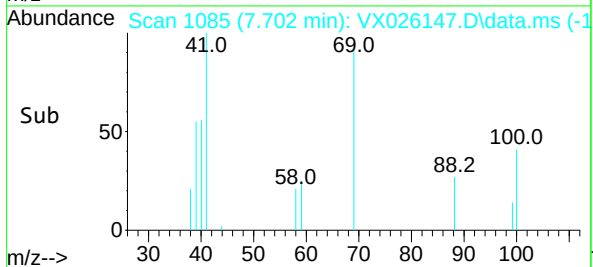
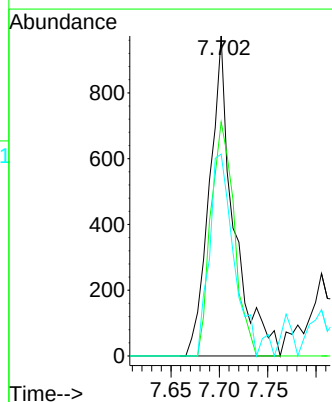
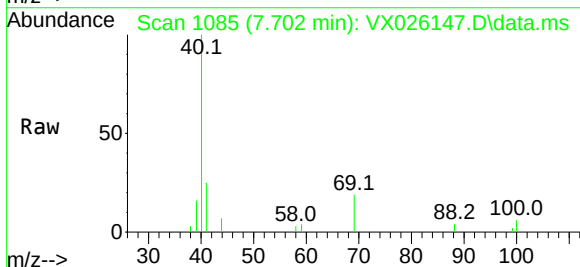
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

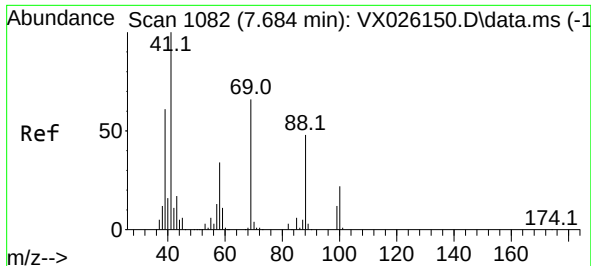
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 2271  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 69.6     | 53.5 80.3   |
| 127 5.8     | 6.6 10.0#   |



#48  
Methyl methacrylate  
Concen: 1.071 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 1691  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 69 70.5     | 67.3 100.9  |
| 39 64.2     | 50.2 75.2   |





#49

1,4-Dioxane

Concen: 19.466 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

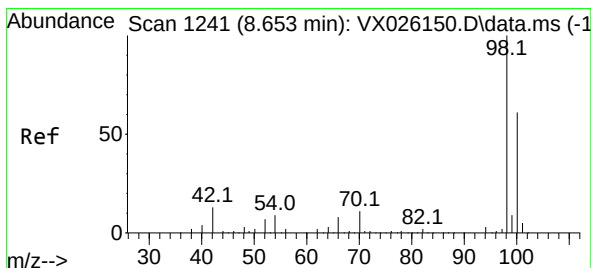
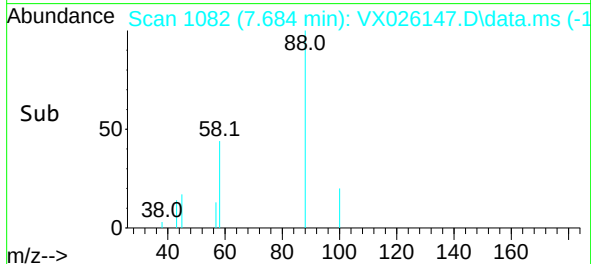
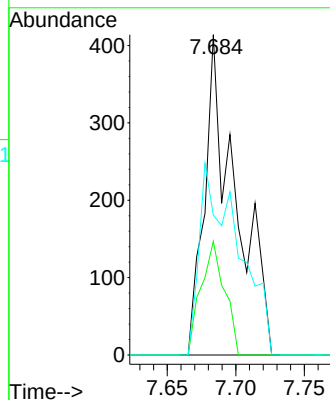
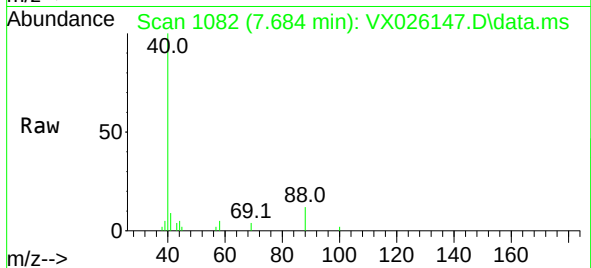
Tgt Ion: 88 Resp: 648

Ion Ratio Lower Upper

88 100

43 27.2 25.3 37.9

58 75.3 51.8 77.6



#50

Toluene-d8

Concen: 0.801 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VX026147.D

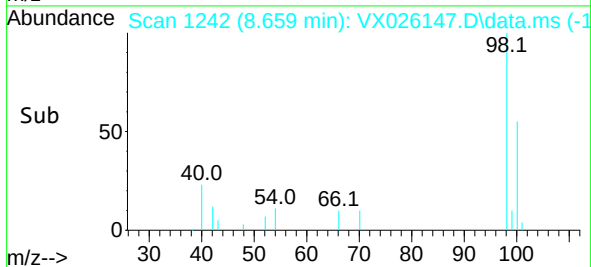
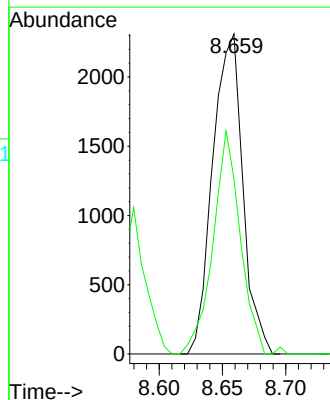
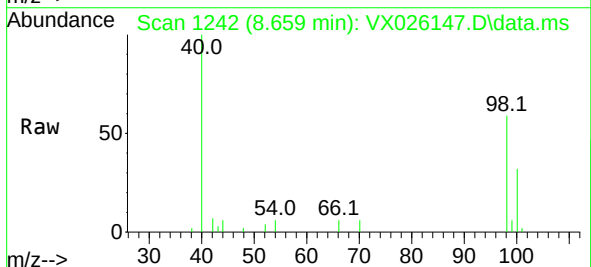
Acq: 29 Dec 2021 18:56

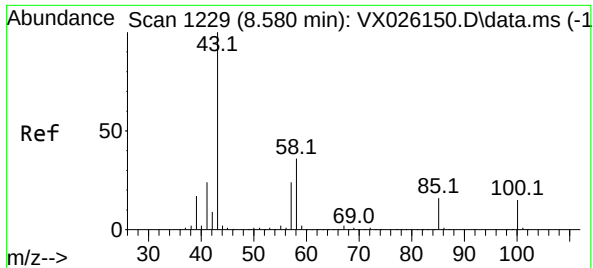
Tgt Ion: 98 Resp: 3826

Ion Ratio Lower Upper

98 100

100 62.8 52.6 78.8

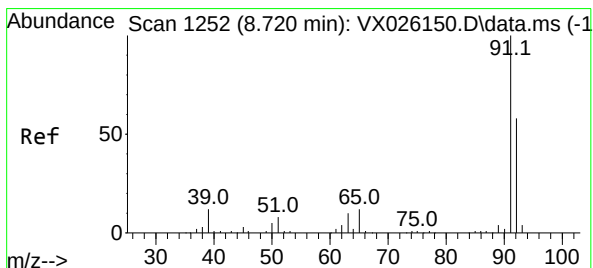
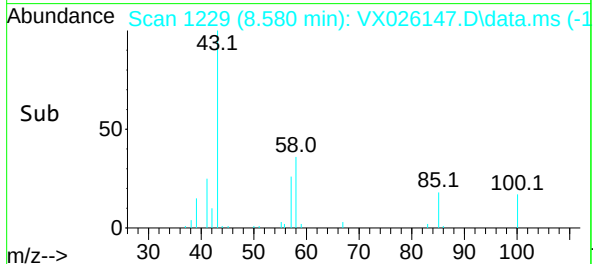
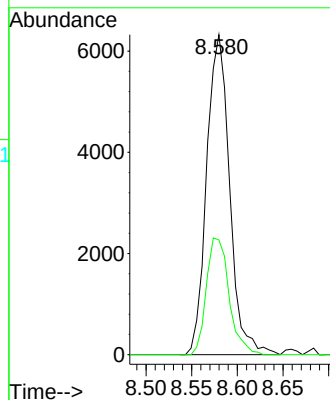
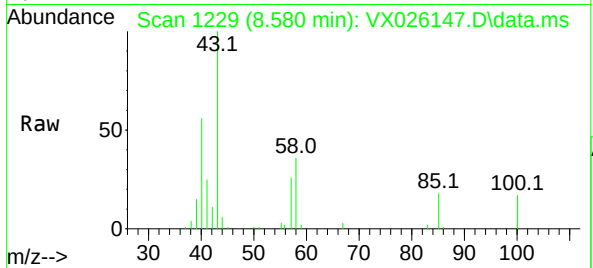




#51  
4-Methyl-2-Pentanone  
Concen: 5.091 ug/l  
RT: 8.580 min Scan# 11051  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

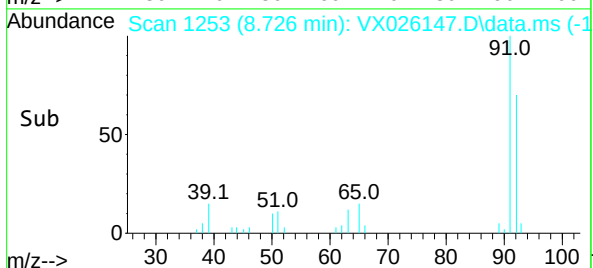
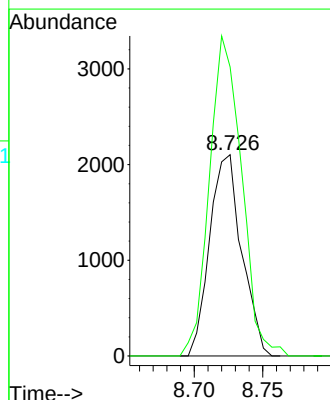
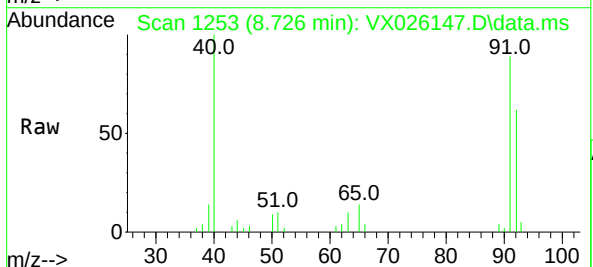
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

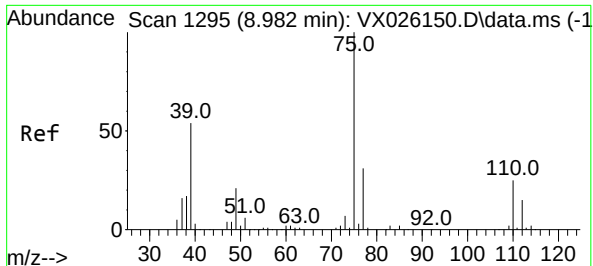
Tgt Ion: 43 Resp: 11051  
Ion Ratio Lower Upper  
43 100  
58 36.0 30.8 46.2



#52  
Toluene  
Concen: 0.990 ug/l  
RT: 8.726 min Scan# 1253  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 92 Resp: 3422  
Ion Ratio Lower Upper  
92 100  
91 159.5 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 0.813 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

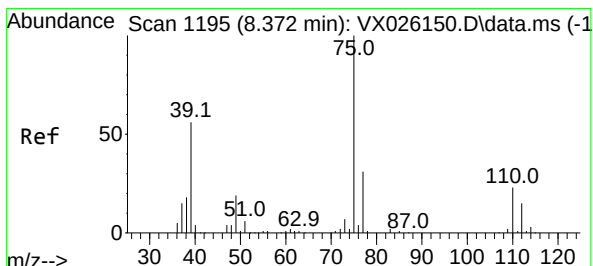
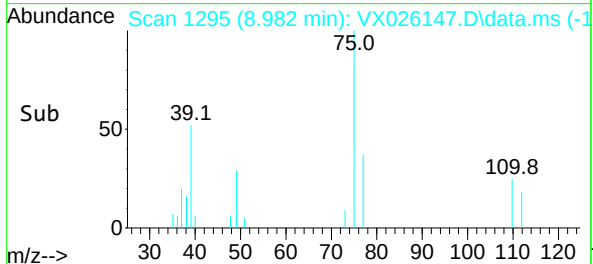
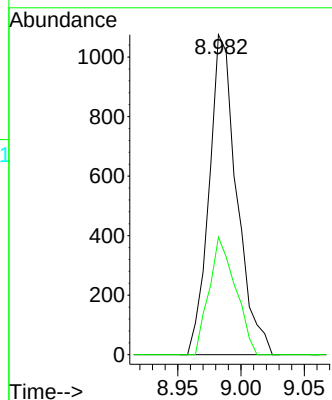
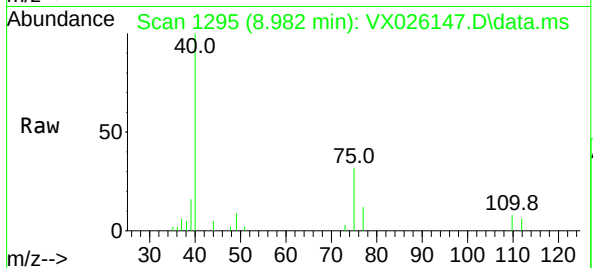
VSTDIC001

Tgt Ion: 75 Resp: 1634

Ion Ratio Lower Upper

75 100

77 36.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 0.966 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

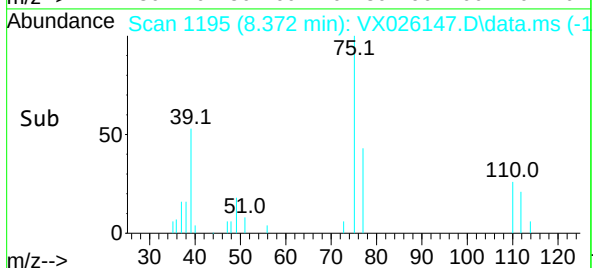
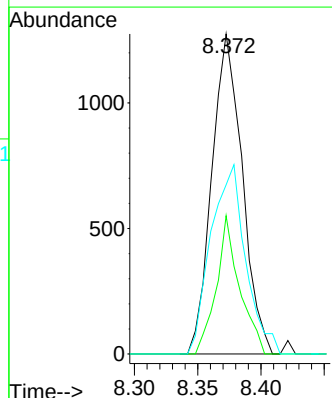
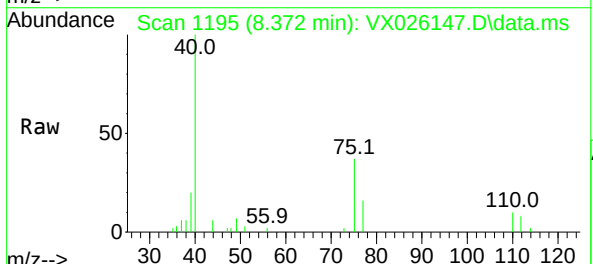
Tgt Ion: 75 Resp: 2132

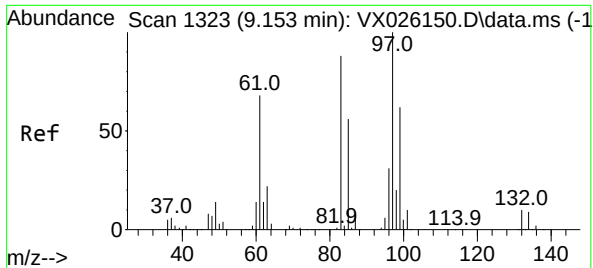
Ion Ratio Lower Upper

75 100

77 43.2 25.3 37.9#

39 52.9 41.4 62.0



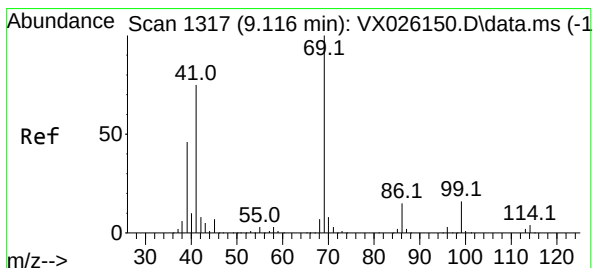
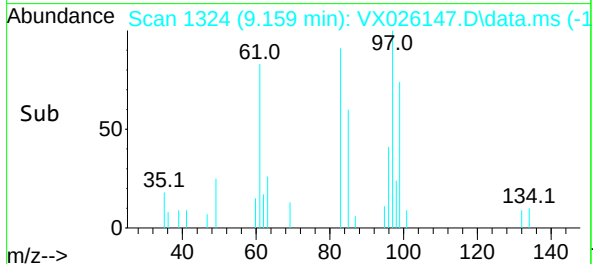
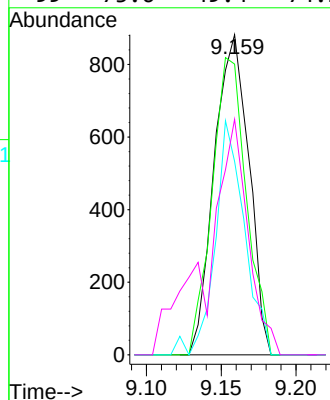
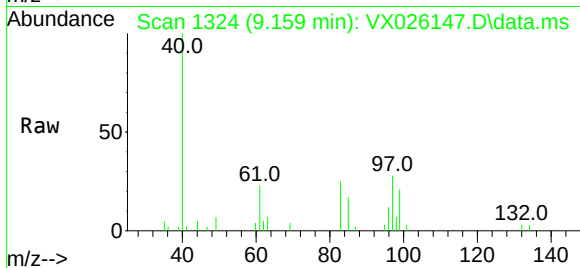


#55  
1,1,2-Trichloroethane  
Concen: 0.960 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 97 Resp: 1415

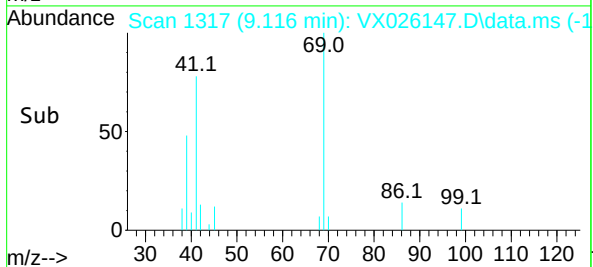
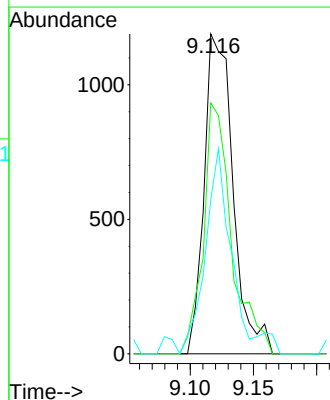
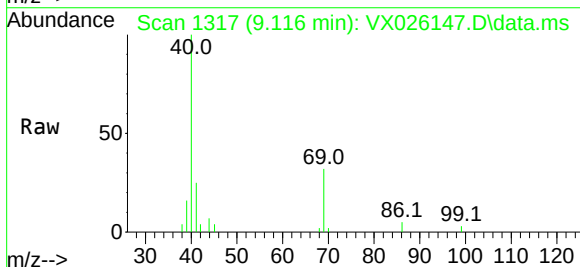
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 90.8  | 70.5  | 105.7 |
| 85  | 60.4  | 43.8  | 65.6  |
| 99  | 73.6  | 49.4  | 74.2  |



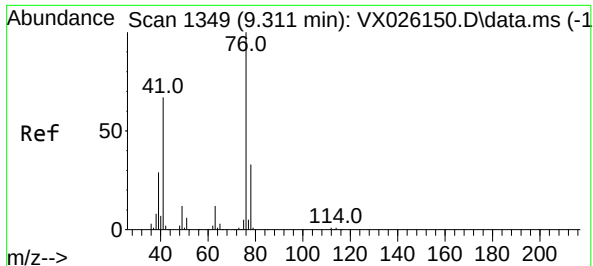
#56  
Ethyl methacrylate  
Concen: 0.882 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 69 Resp: 1888

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 76.7  | 52.8  | 79.2  |
| 39  | 61.6  | 32.5  | 48.7  |







#57

1,3-Dichloropropane

Concen: 0.993 ug/l

RT: 9.317 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

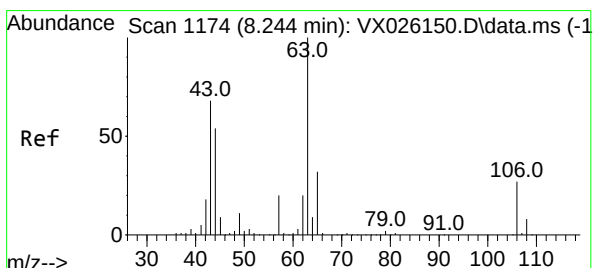
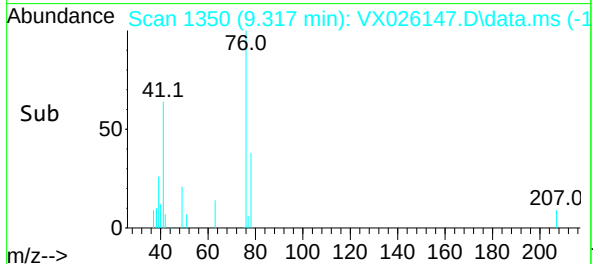
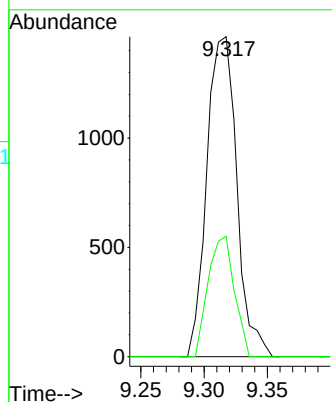
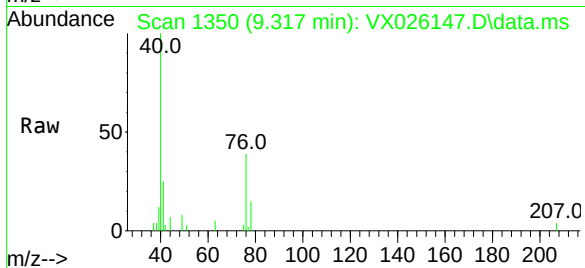
VSTDIC001

Tgt Ion: 76 Resp: 2414

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 3.905 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX026147.D

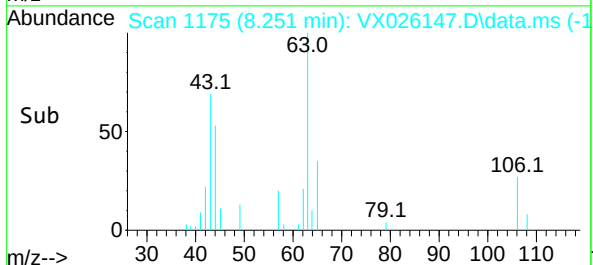
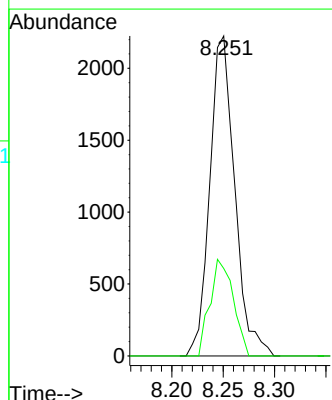
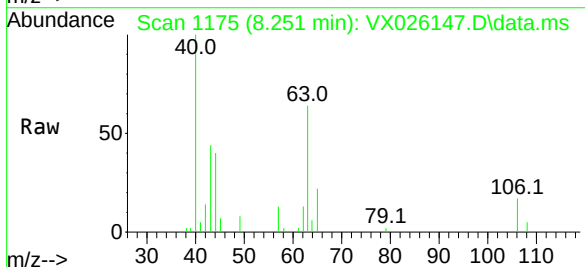
Acq: 29 Dec 2021 18:56

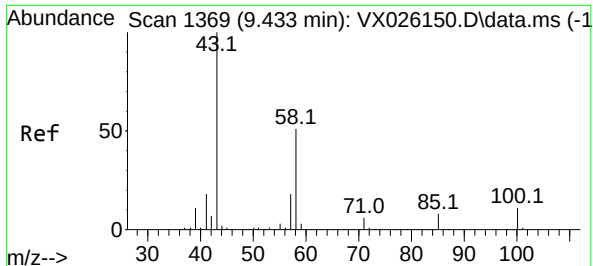
Tgt Ion: 63 Resp: 3751

Ion Ratio Lower Upper

63 100

106 28.2 24.4 36.6





#59

2-Hexanone

Concen: 4.993 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

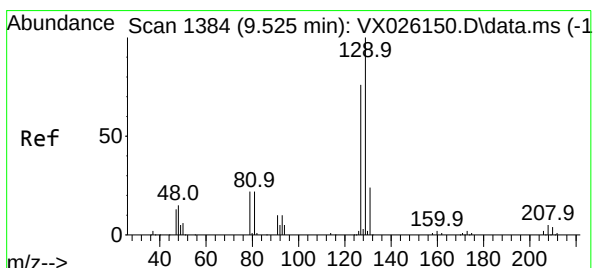
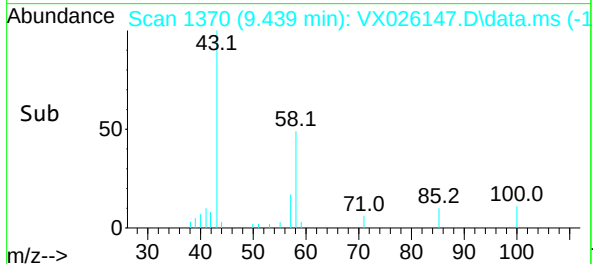
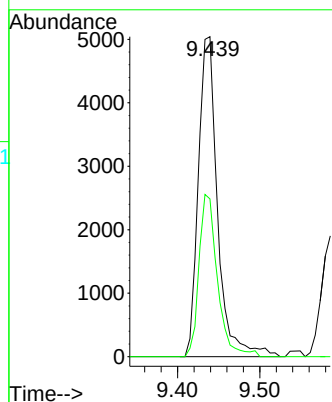
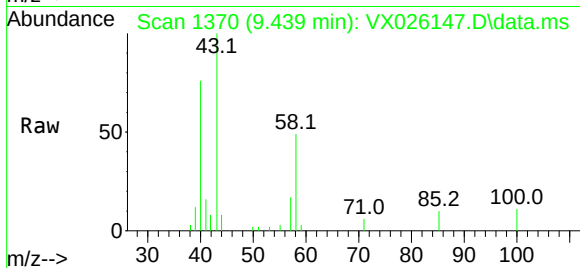
VSTDIC001

Tgt Ion: 43 Resp: 8193

Ion Ratio Lower Upper

43 100

58 48.7 26.9 80.6



#60

Dibromochloromethane

Concen: 0.977 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX026147.D

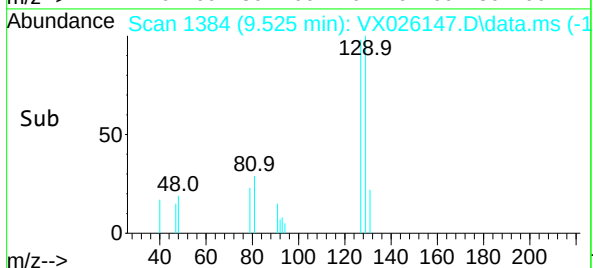
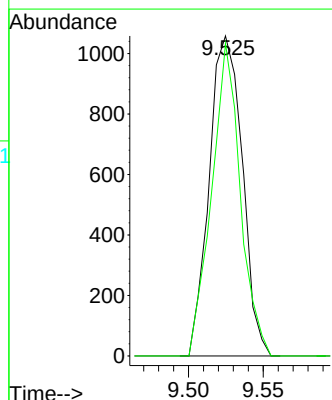
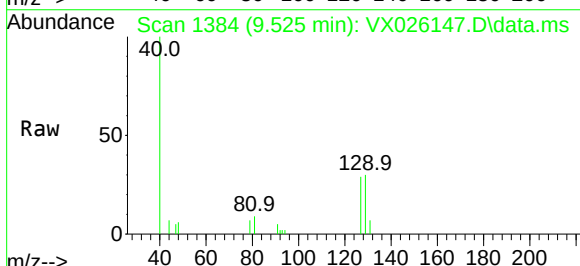
Acq: 29 Dec 2021 18:56

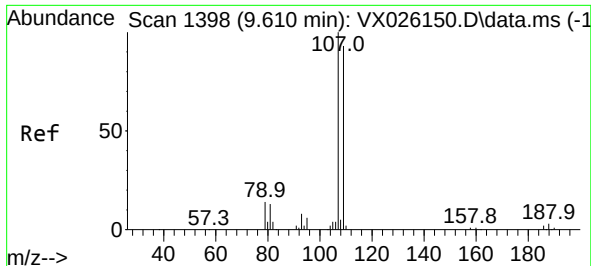
Tgt Ion: 129 Resp: 1624

Ion Ratio Lower Upper

129 100

127 84.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 1.014 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

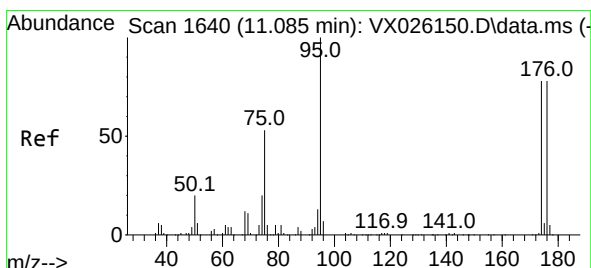
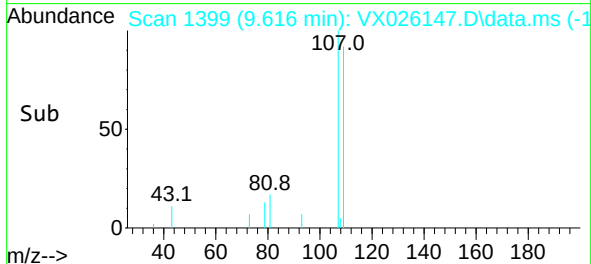
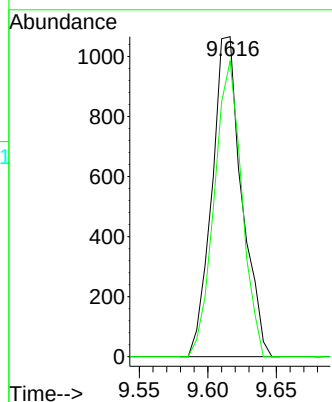
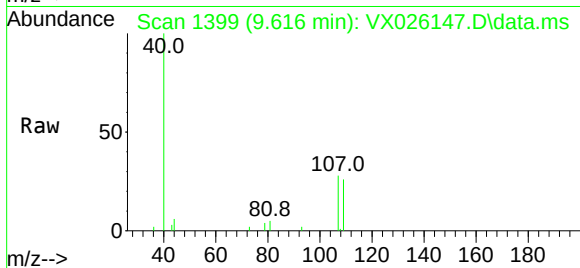
VSTDIC001

Tgt Ion:107 Resp: 1618

Ion Ratio Lower Upper

107 100

109 84.8 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 0.651 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

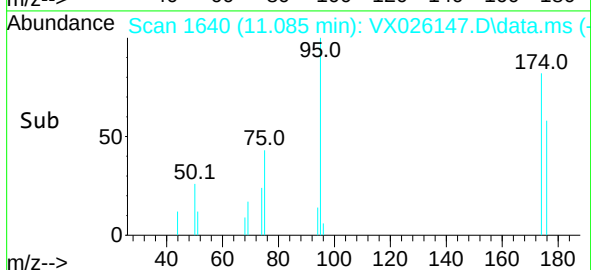
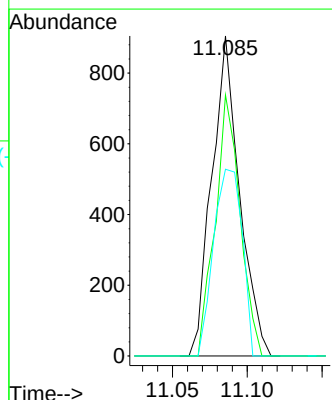
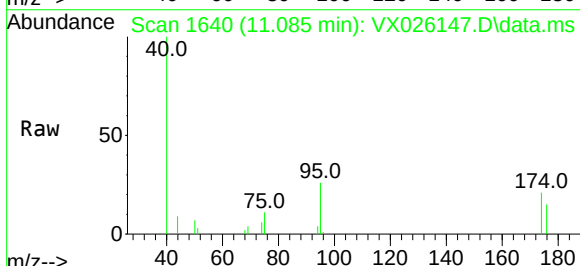
Tgt Ion: 95 Resp: 1166

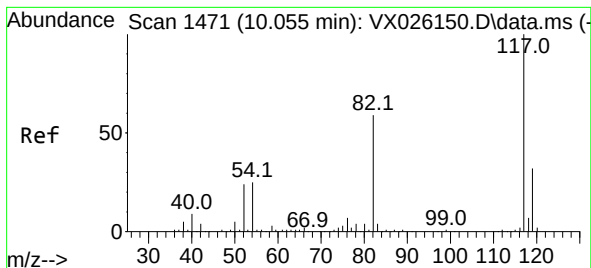
Ion Ratio Lower Upper

95 100

174 72.8 0.0 157.4

176 60.4 0.0 154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

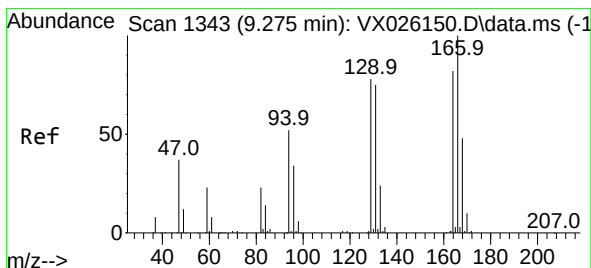
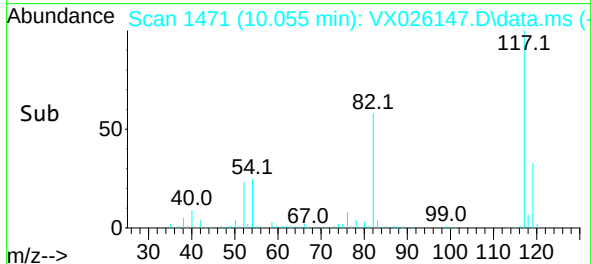
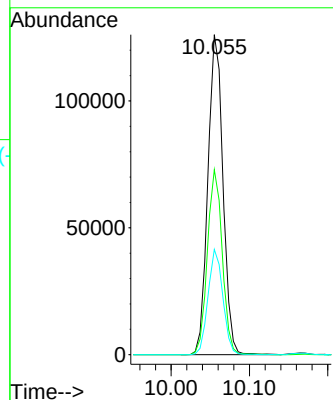
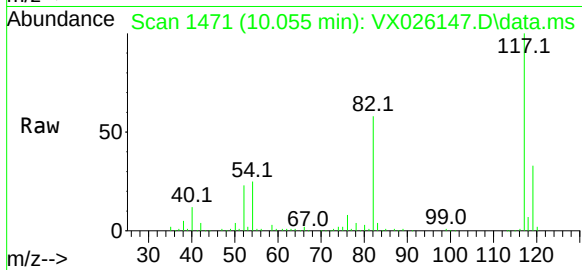
Tgt Ion:117 Resp: 168333

Ion Ratio Lower Upper

117 100

82 57.8 43.8 65.6

119 32.9 25.2 37.8



#64

Tetrachloroethene

Concen: 1.238 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Tgt Ion:164 Resp: 1680

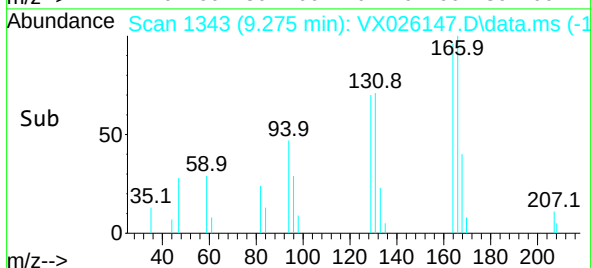
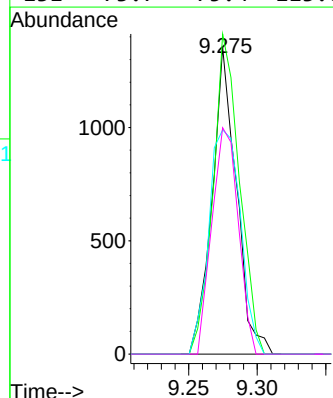
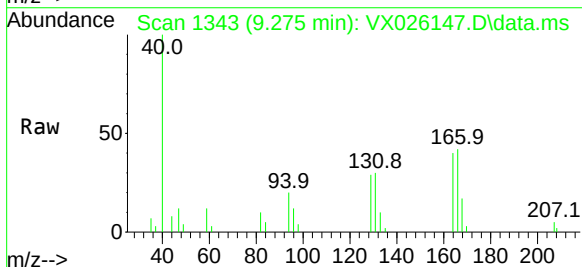
Ion Ratio Lower Upper

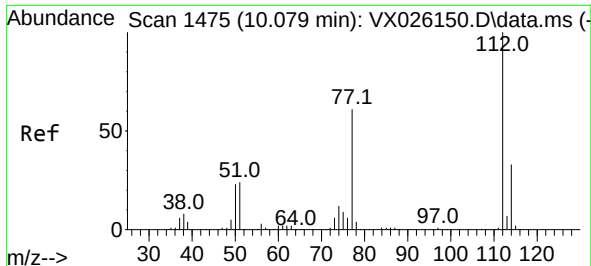
164 100

166 104.3 99.4 149.0

129 73.1 78.6 118.0#

131 73.7 75.4 113.0#

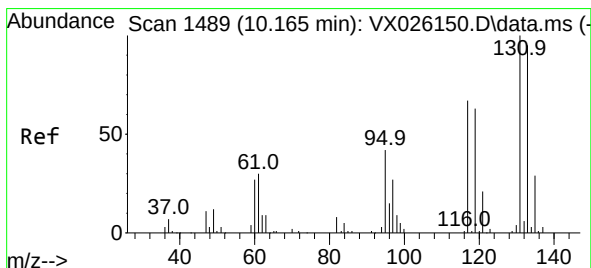
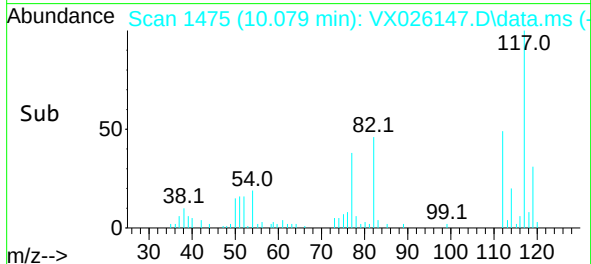
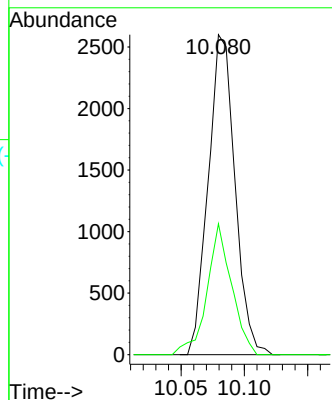
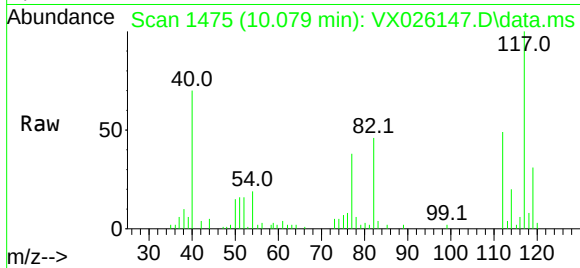




#65  
Chlorobenzene  
Concen: 1.078 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

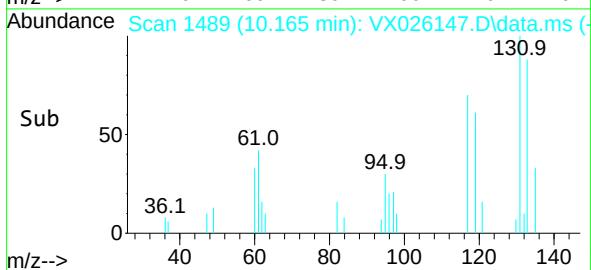
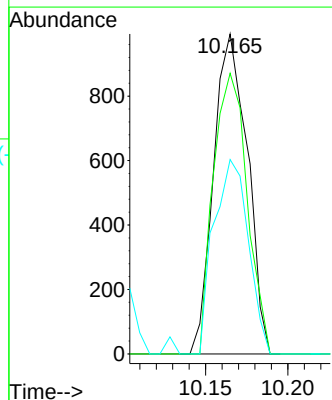
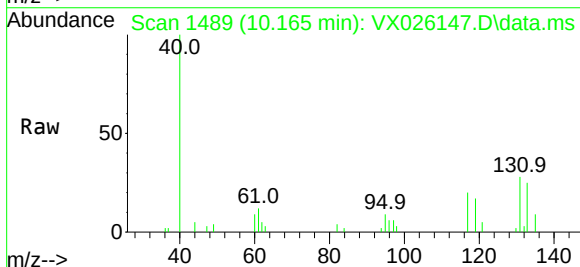
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

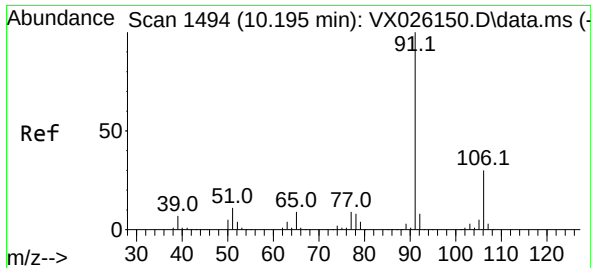
Tgt Ion:112 Resp: 3824  
Ion Ratio Lower Upper  
112 100  
114 40.9 26.6 39.8#



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.023 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion:131 Resp: 1414  
Ion Ratio Lower Upper  
131 100  
133 87.7 47.1 141.3  
119 0.0 31.9 95.9#

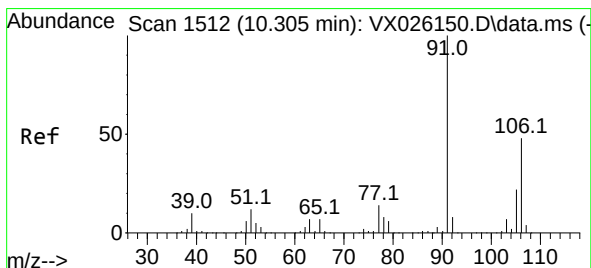
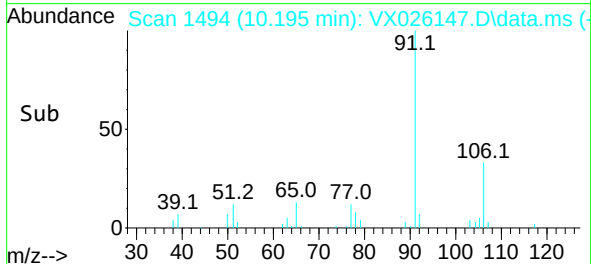
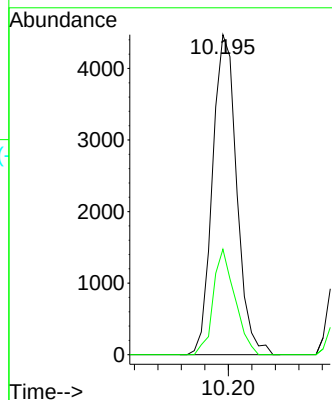
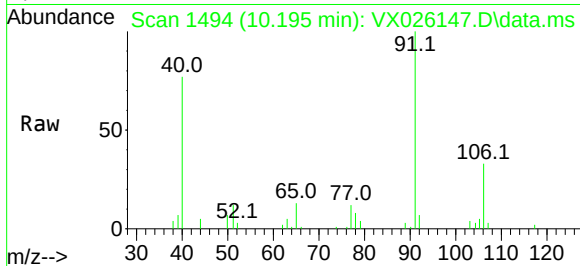




#67  
Ethyl Benzene  
Concen: 1.057 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

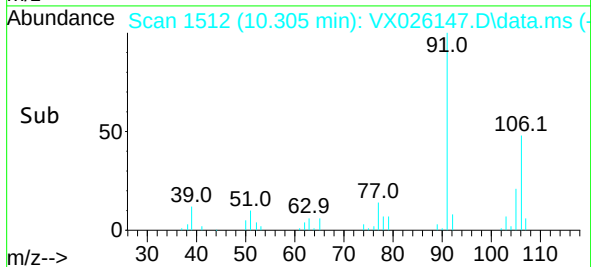
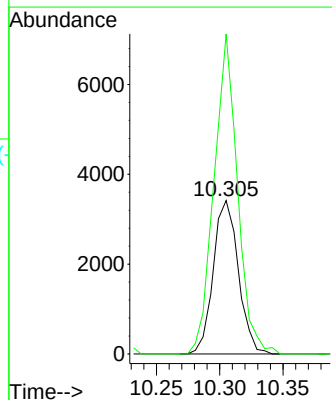
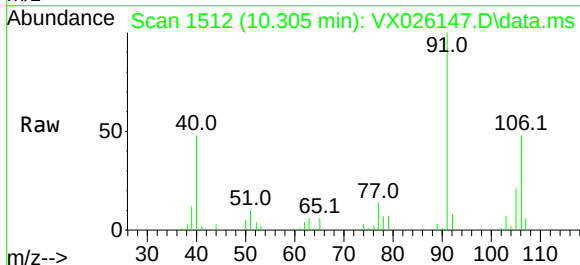
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

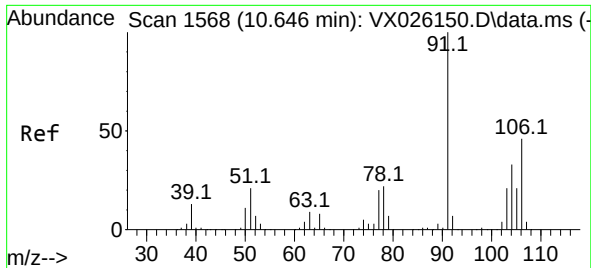
Tgt Ion: 91 Resp: 6415  
Ion Ratio Lower Upper  
91 100  
106 32.9 25.7 38.5



#68  
m/p-Xylenes  
Concen: 2.010 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 106 Resp: 4702  
Ion Ratio Lower Upper  
106 100  
91 195.7 158.6 238.0

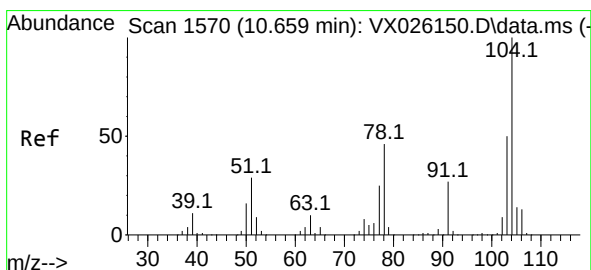
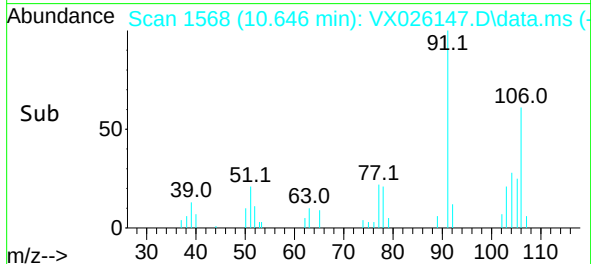
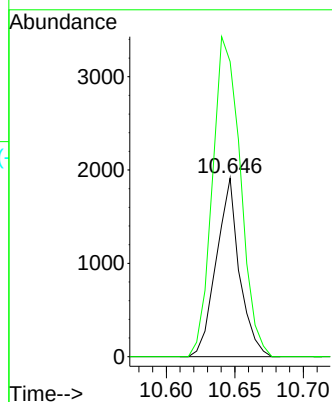
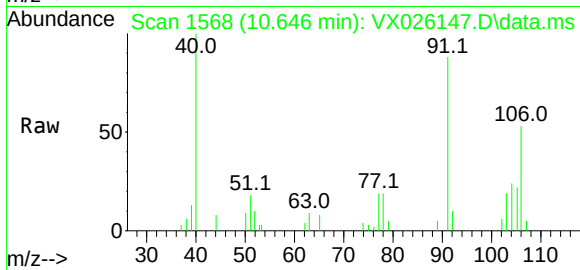




#69  
o-Xylene  
Concen: 0.977 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

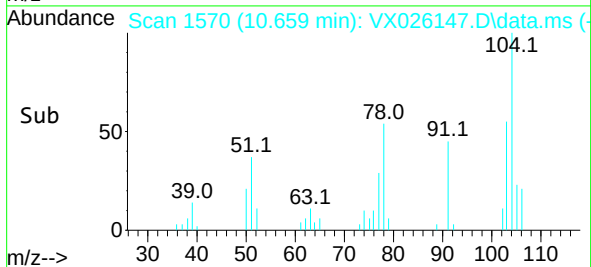
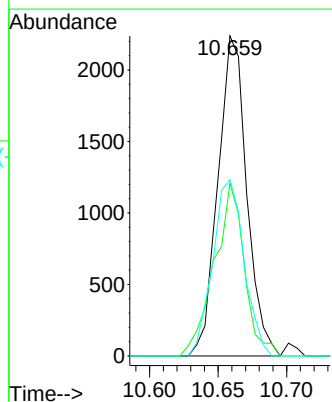
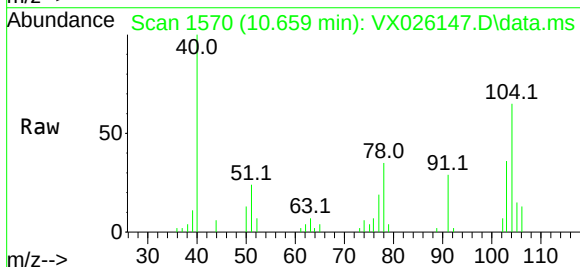
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

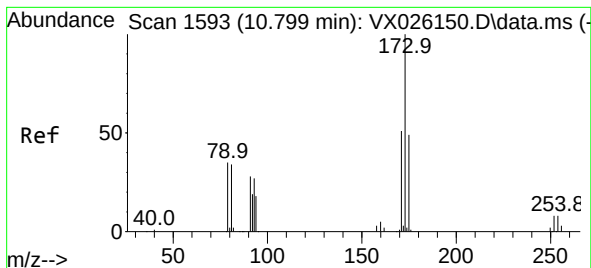
Tgt Ion:106 Resp: 2247  
Ion Ratio Lower Upper  
106 100  
91 216.1 105.5 316.4



#70  
Styrene  
Concen: 0.858 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion:104 Resp: 3273  
Ion Ratio Lower Upper  
104 100  
78 56.3 39.8 59.6  
103 60.0 43.0 64.6





#71

Bromoform

Concen: 0.965 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

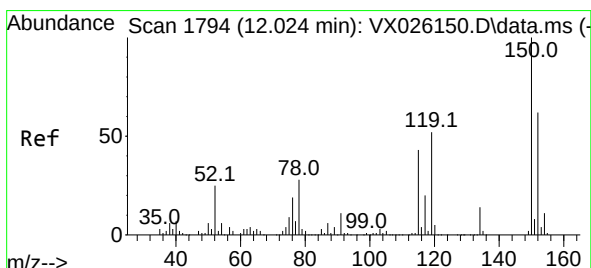
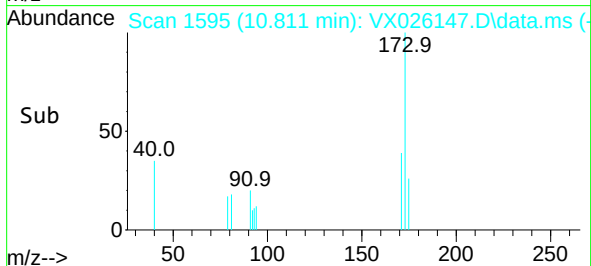
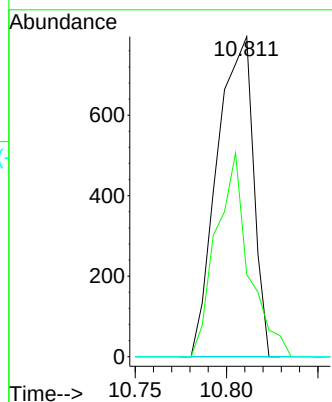
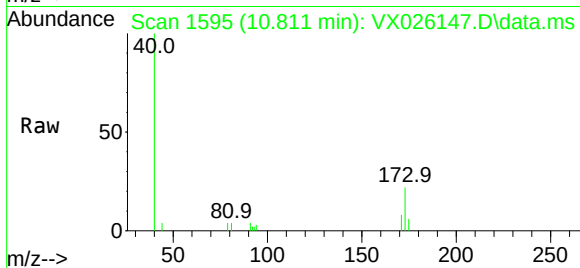
Tgt Ion:173 Resp: 1092

Ion Ratio Lower Upper

173 100

175 57.9 24.4 73.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

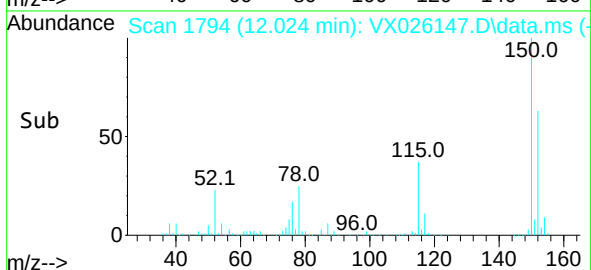
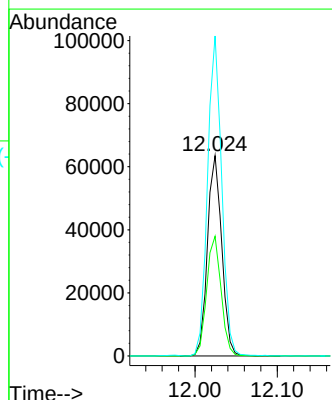
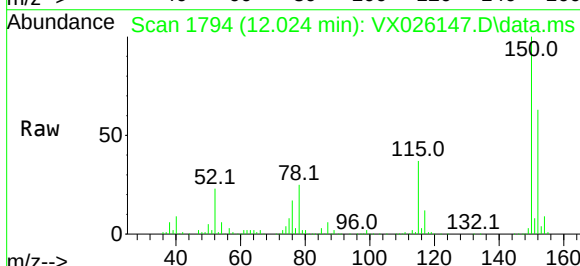
Tgt Ion:152 Resp: 76650

Ion Ratio Lower Upper

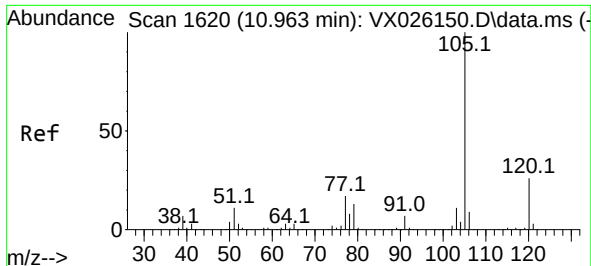
152 100

115 60.3 41.3 123.9

150 158.1 0.0 351.8



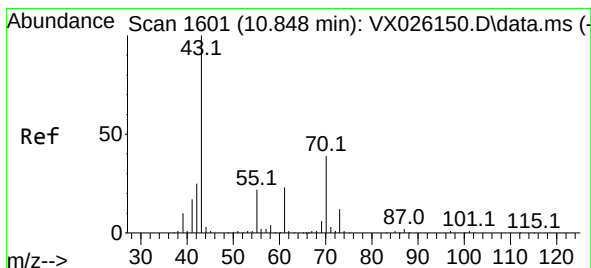
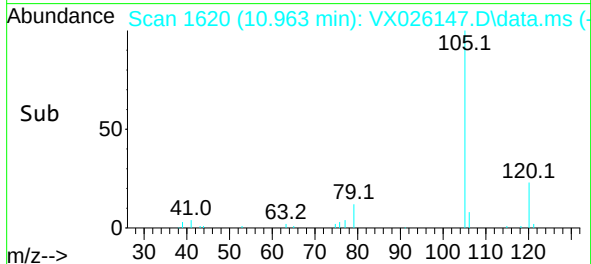
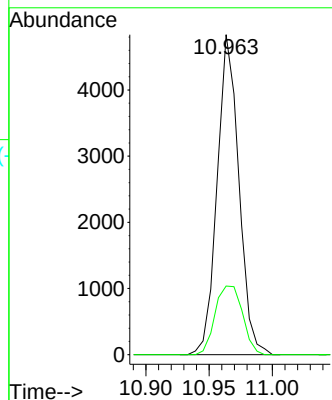
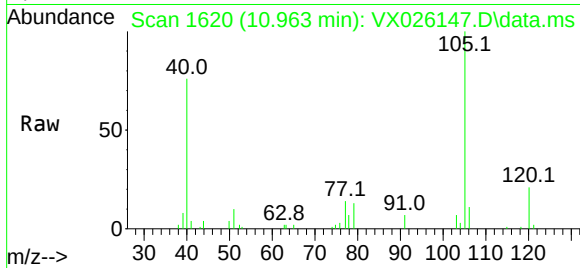




#73  
Isopropylbenzene  
Concen: 1.009 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

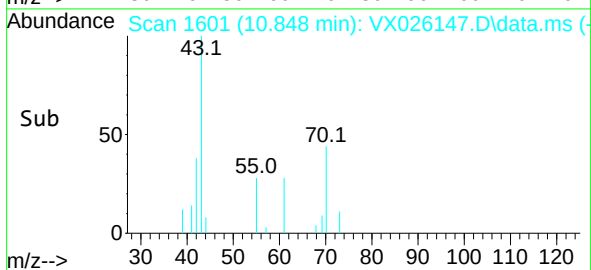
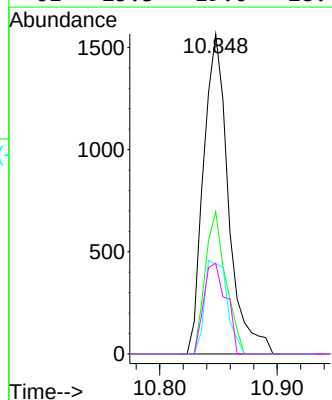
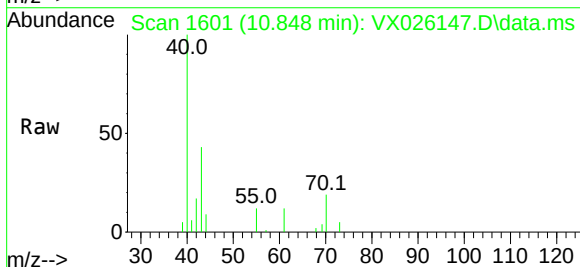
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

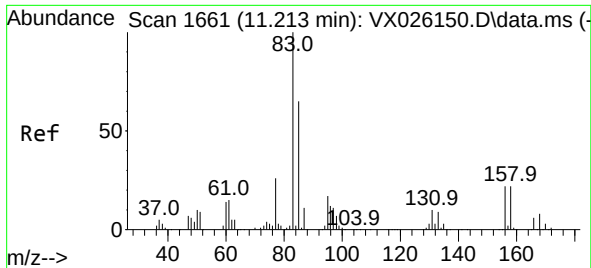
Tgt Ion:105 Resp: 5759  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.6 40.7



#74  
N-ethyl acetate  
Concen: 0.981 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 43 Resp: 2310  
Ion Ratio Lower Upper  
43 100  
70 36.6 34.1 51.1  
55 26.4 19.2 28.8  
61 25.3 19.0 28.4

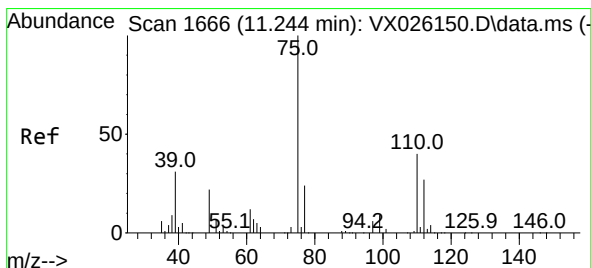
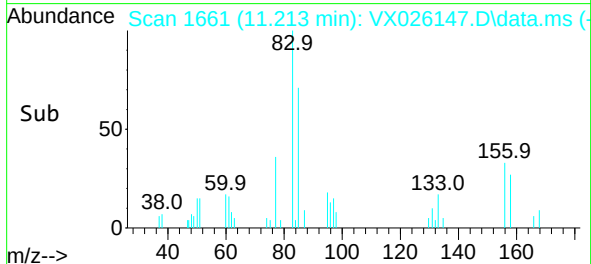
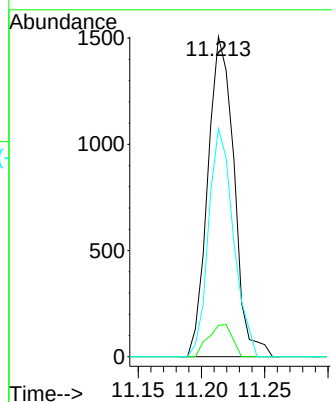
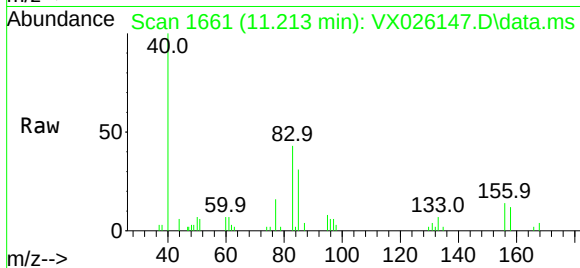




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 1.107 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

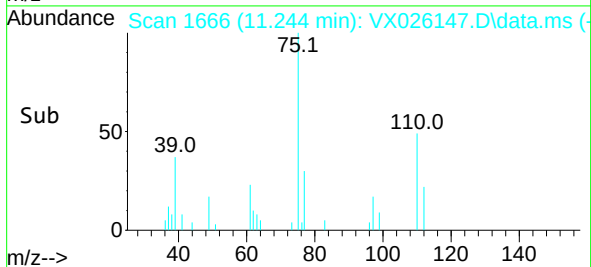
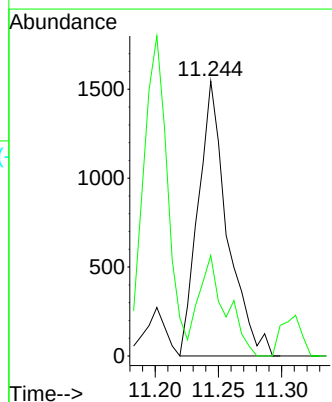
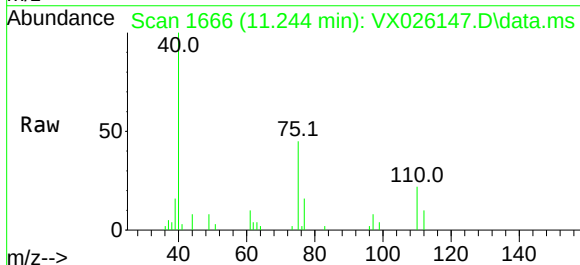
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

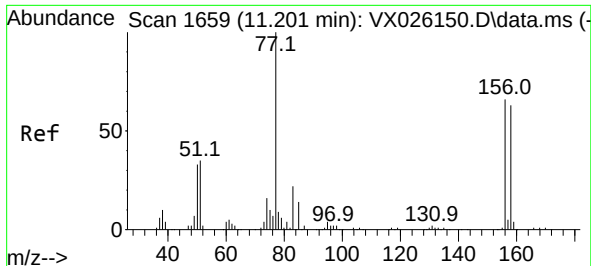
Tgt Ion: 83 Resp: 2174  
 Ion Ratio Lower Upper  
 83 100  
 131 9.2 5.1 15.3  
 85 67.5 31.6 95.0



#76  
 1,2,3-Trichloropropane  
 Concen: 1.385 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

Tgt Ion: 75 Resp: 2472  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 19.0 57.0

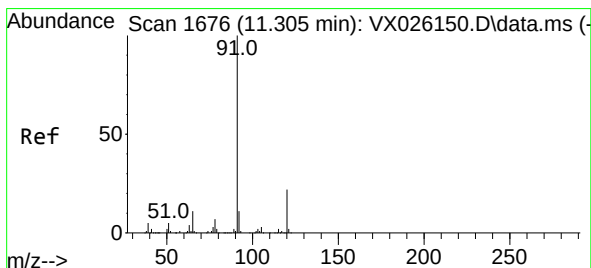
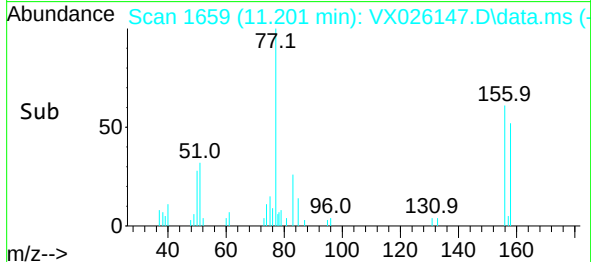
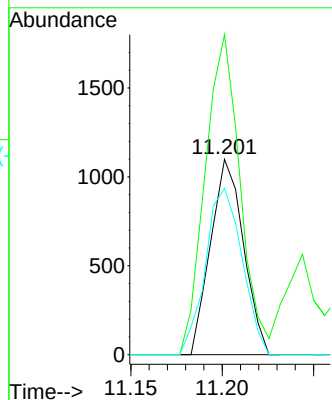
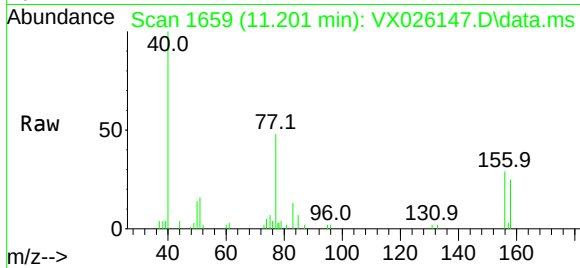




#77  
Bromobenzene  
Concen: 0.959 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

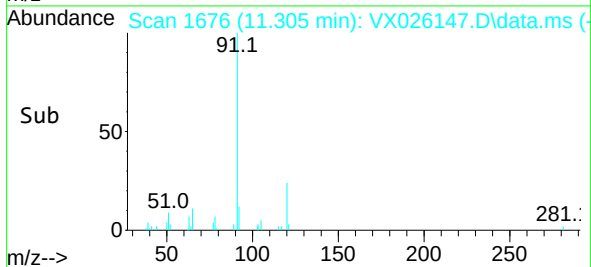
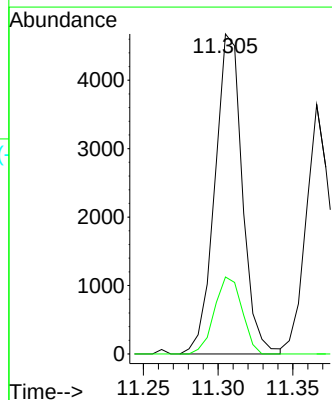
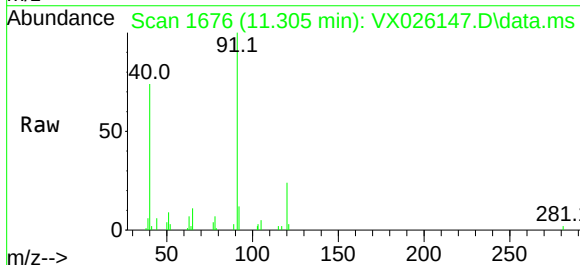
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

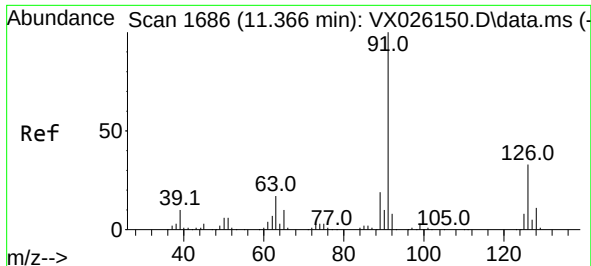
Tgt Ion:156 Resp: 1378  
Ion Ratio Lower Upper  
156 100  
77 173.7 78.2 234.6  
158 94.7 48.6 145.9



#78  
n-propylbenzene  
Concen: 0.921 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 91 Resp: 5987  
Ion Ratio Lower Upper  
91 100  
120 24.1 12.0 36.1

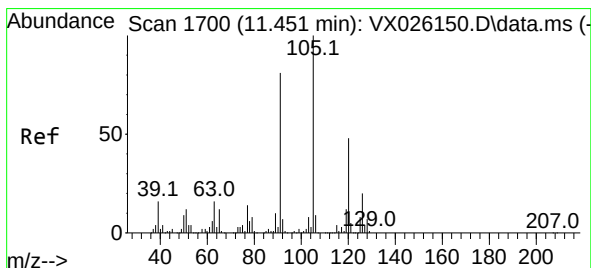
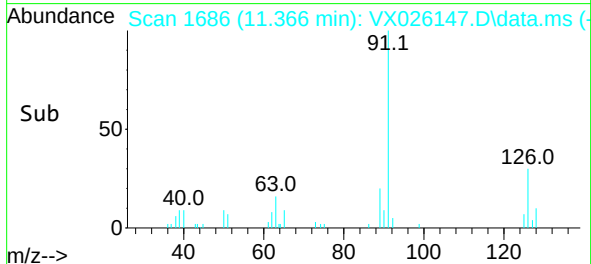
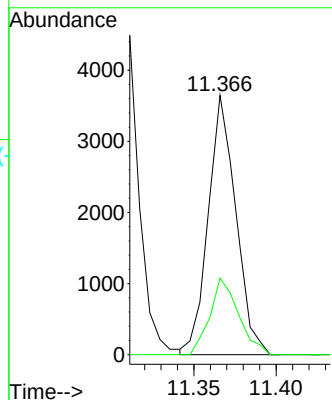
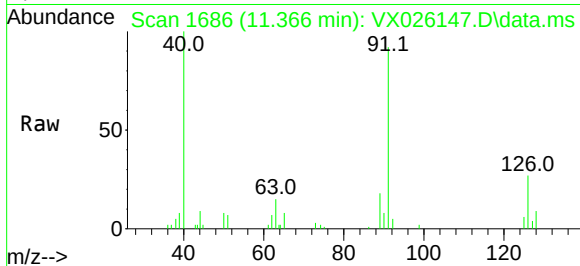




#79  
2-Chlorotoluene  
Concen: 1.042 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

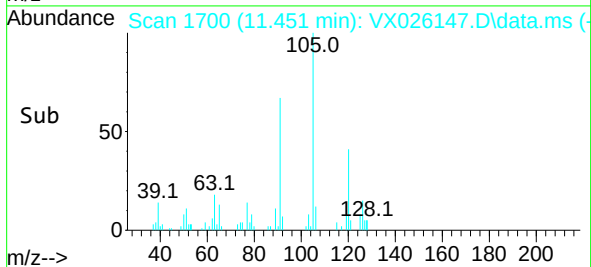
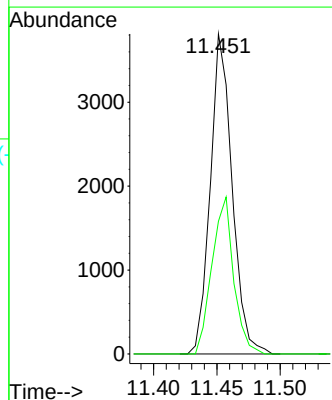
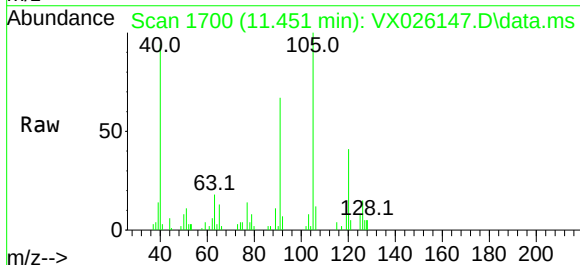
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

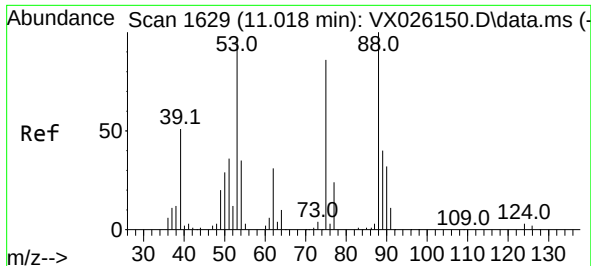
Tgt Ion: 91 Resp: 4255  
Ion Ratio Lower Upper  
91 100  
126 30.7 17.8 53.3



#80  
1,3,5-Trimethylbenzene  
Concen: 0.971 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 105 Resp: 4582  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.9 74.7

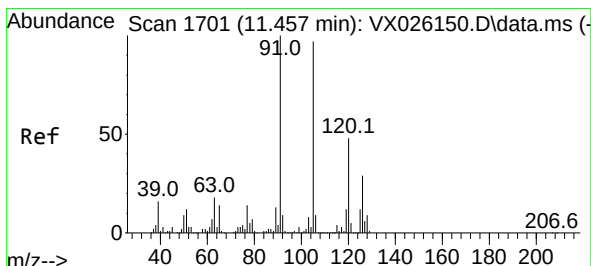
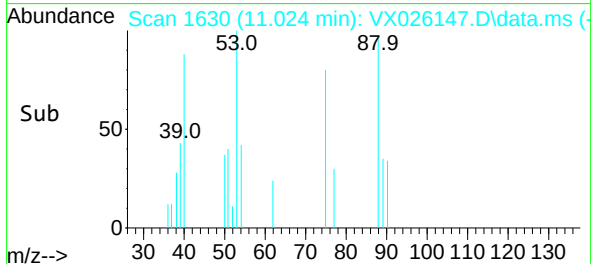
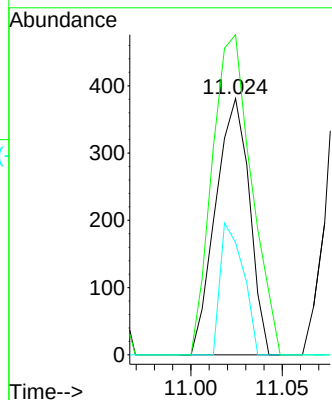
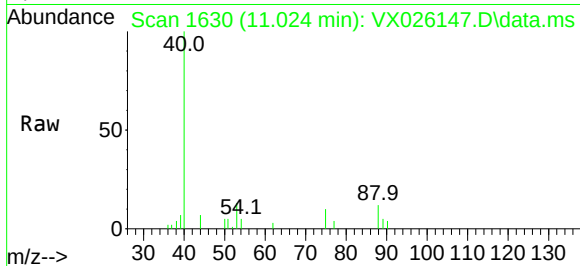




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.841 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

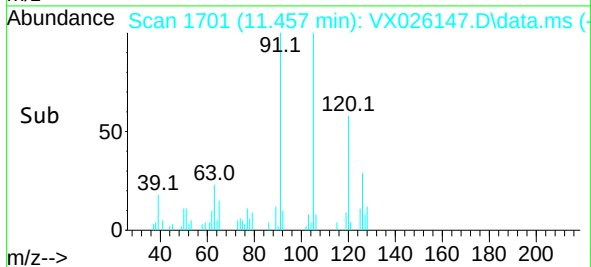
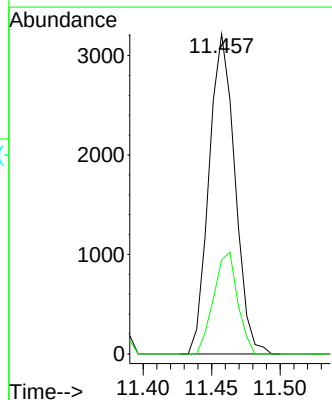
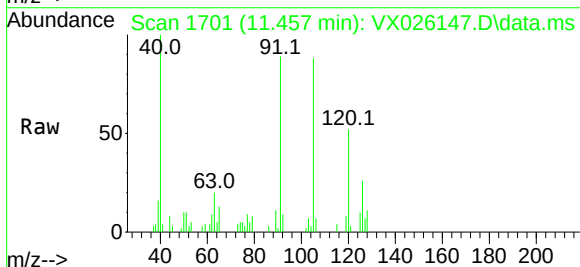
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

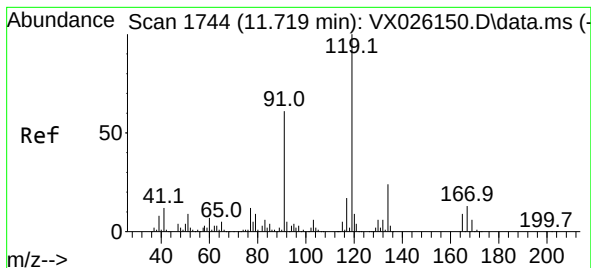
Tgt Ion: 75 Resp: 491  
Ion Ratio Lower Upper  
75 100  
53 144.6 79.5 119.3#  
89 35.0 38.3 57.5#



#82  
4-Chlorotoluene  
Concen: 0.922 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Tgt Ion: 91 Resp: 4228  
Ion Ratio Lower Upper  
91 100  
126 29.3 15.6 46.7





#83

tert-Butylbenzene

Concen: 0.985 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

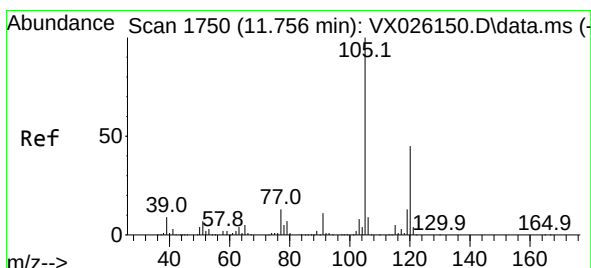
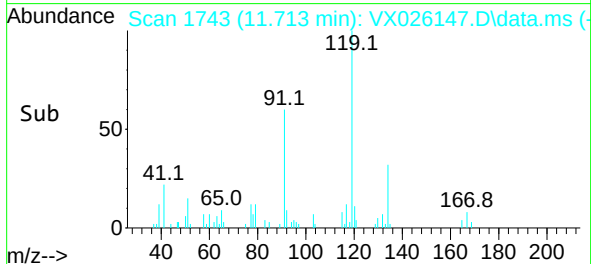
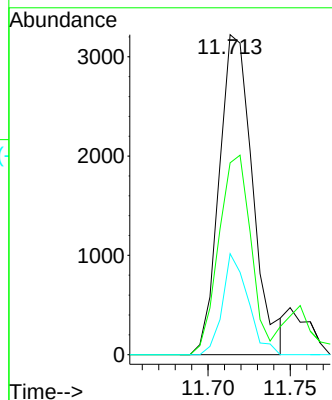
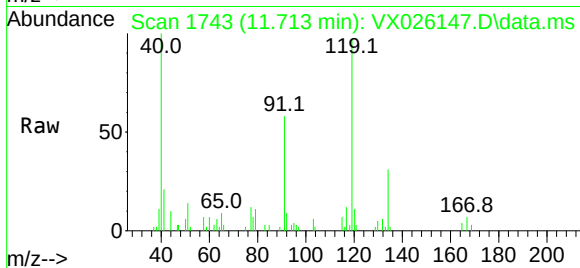
Tgt Ion:119 Resp: 4575

Ion Ratio Lower Upper

119 100

91 59.9 28.7 86.1

134 24.0 11.9 35.9



#84

1,2,4-Trimethylbenzene

Concen: 0.952 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026147.D

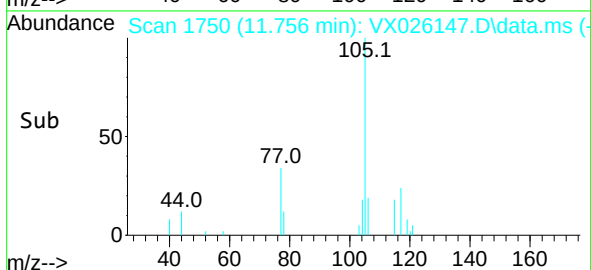
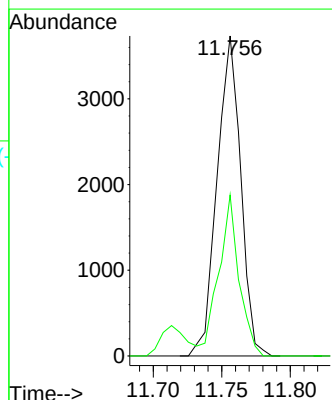
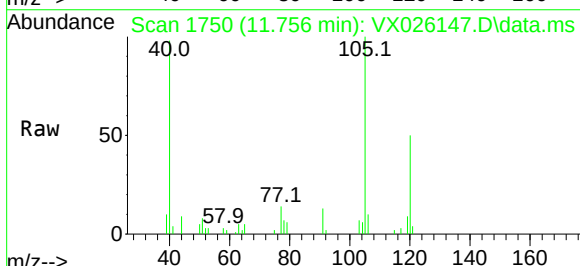
Acq: 29 Dec 2021 18:56

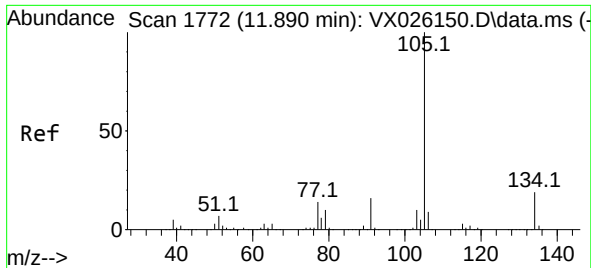
Tgt Ion:105 Resp: 4469

Ion Ratio Lower Upper

105 100

120 43.5 22.9 68.7

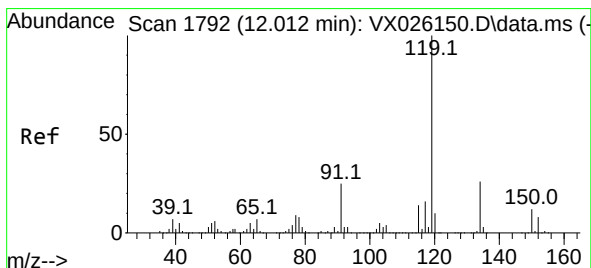
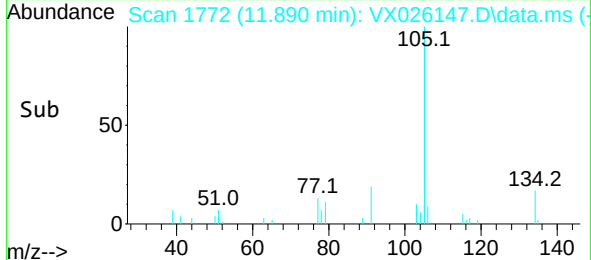
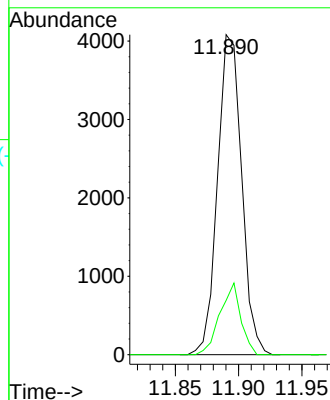
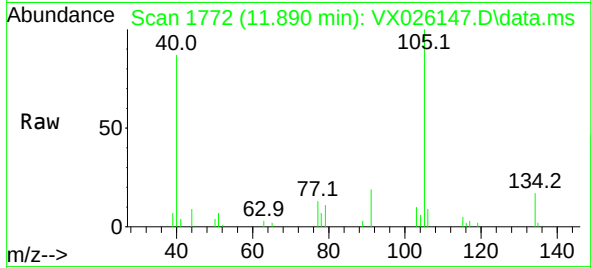




#85  
 sec-Butylbenzene  
 Concen: 0.964 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

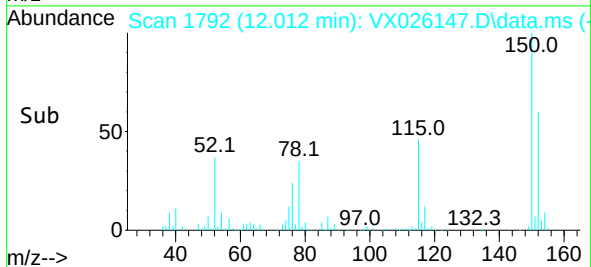
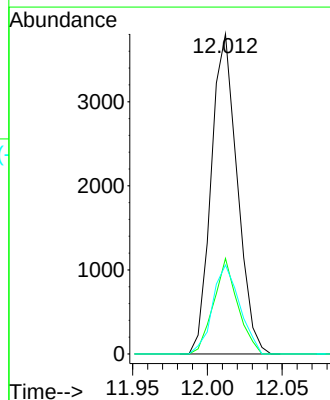
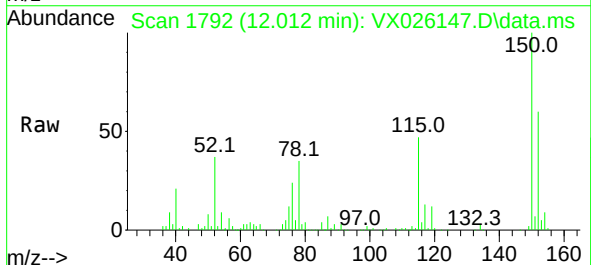
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

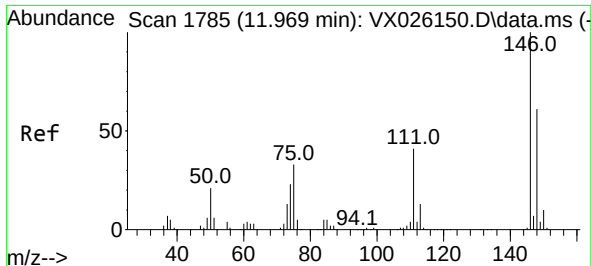
Tgt Ion:105 Resp: 5403  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 0.981 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

Tgt Ion:119 Resp: 4603  
 Ion Ratio Lower Upper  
 119 100  
 134 27.6 13.2 39.6  
 91 29.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 0.951 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

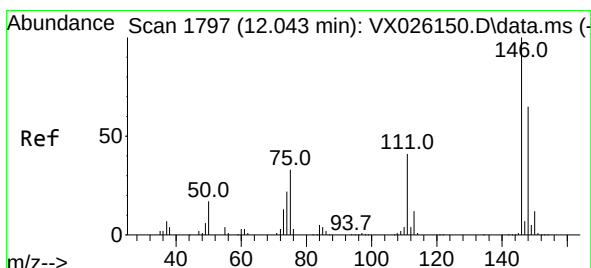
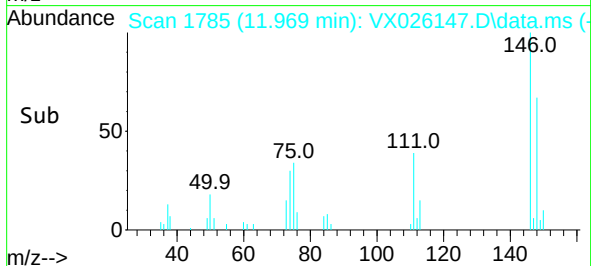
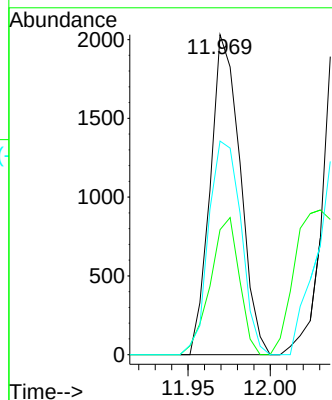
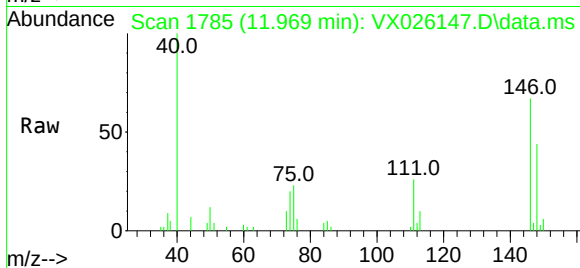
Tgt Ion:146 Resp: 2556

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.6

148 72.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.927 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

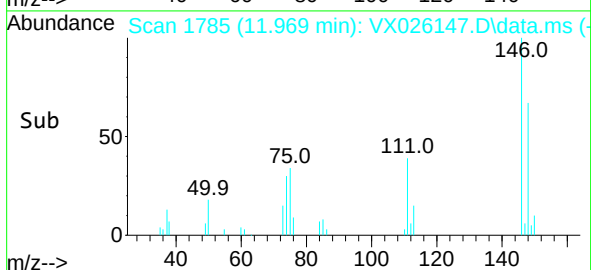
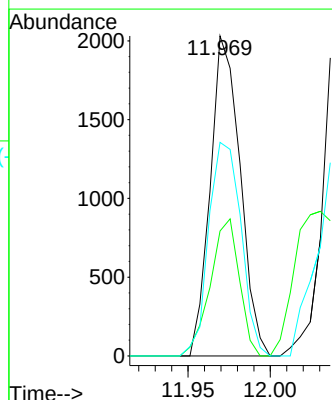
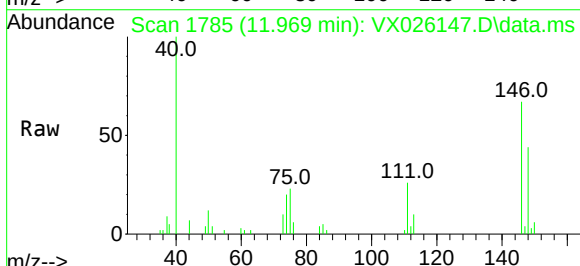
Tgt Ion:146 Resp: 2556

Ion Ratio Lower Upper

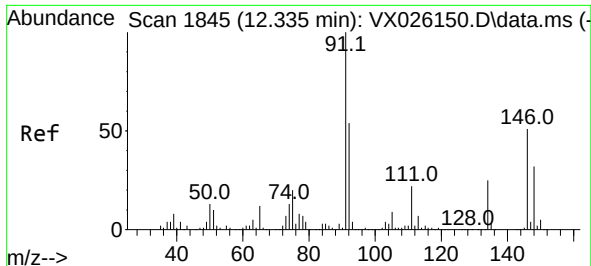
146 100

111 41.7 19.9 59.7

148 72.5 31.9 95.7







#89

n-Butylbenzene

Concen: 0.982 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026147.D

Acq: 29 Dec 2021 18:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

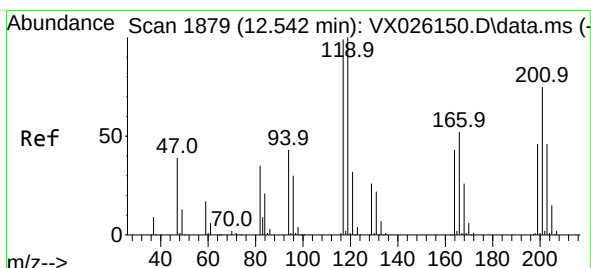
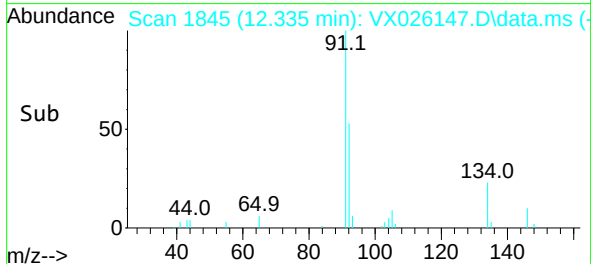
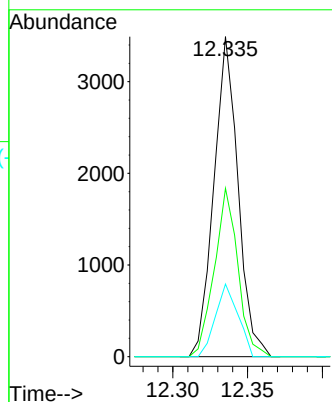
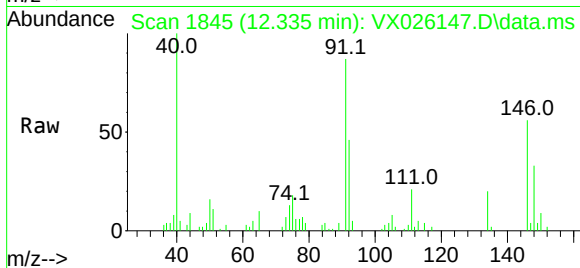
Tgt Ion: 91 Resp: 3912

Ion Ratio Lower Upper

91 100

92 51.5 27.3 81.8

134 21.2 13.5 40.4



#90

Hexachloroethane

Concen: 1.007 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX026147.D

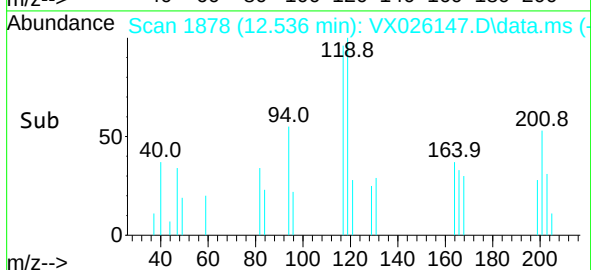
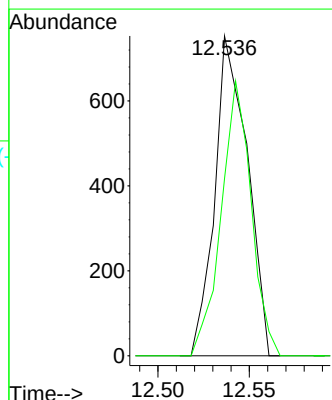
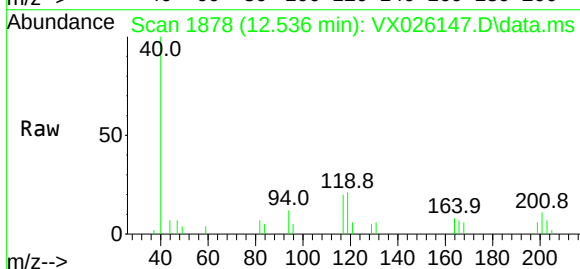
Acq: 29 Dec 2021 18:56

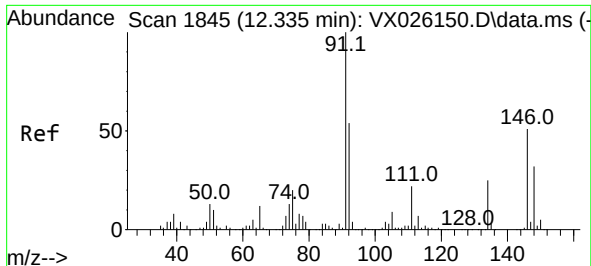
Tgt Ion: 117 Resp: 933

Ion Ratio Lower Upper

117 100

201 79.2 35.4 106.3

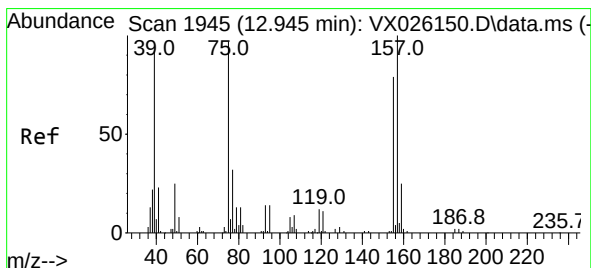
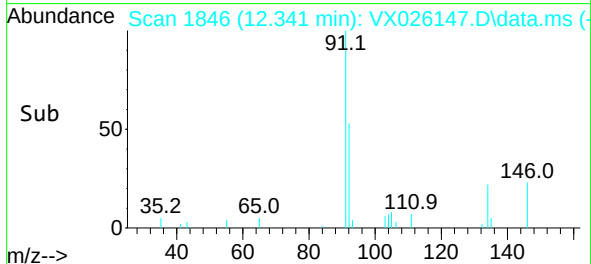
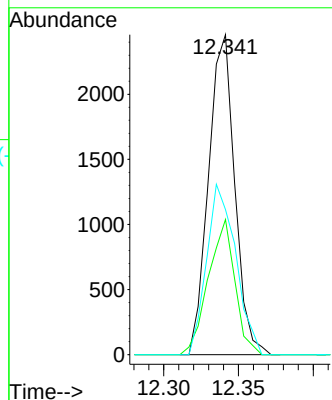
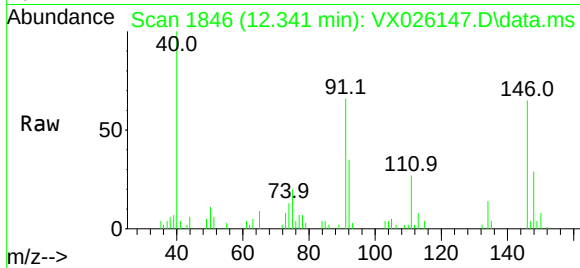




#91  
 1,2-Dichlorobenzene  
 Concen: 1.171 ug/l  
 RT: 12.341 min Scan# 1845  
 Delta R.T. 0.006 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

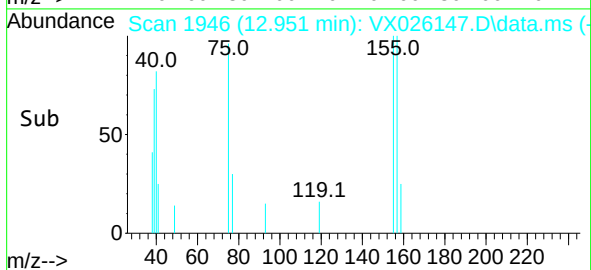
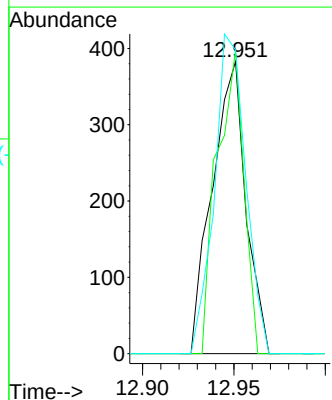
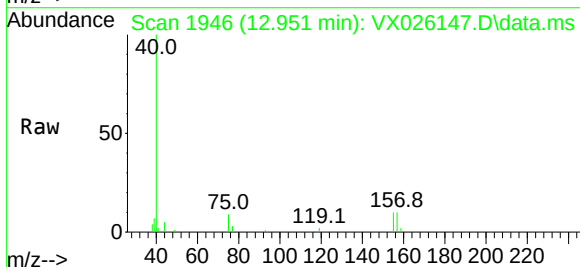
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

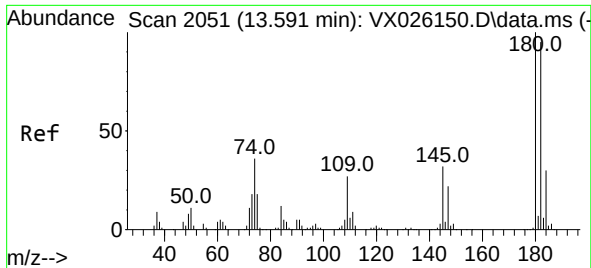
Tgt Ion:146 Resp: 2996  
 Ion Ratio Lower Upper  
 146 100  
 111 42.8 20.6 61.9  
 148 59.1 31.9 95.7



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.092 ug/l  
 RT: 12.951 min Scan# 1946  
 Delta R.T. 0.006 min  
 Lab File: VX026147.D  
 Acq: 29 Dec 2021 18:56

Tgt Ion: 75 Resp: 490  
 Ion Ratio Lower Upper  
 75 100  
 155 83.1 44.0 131.8  
 157 102.2 55.5 166.5

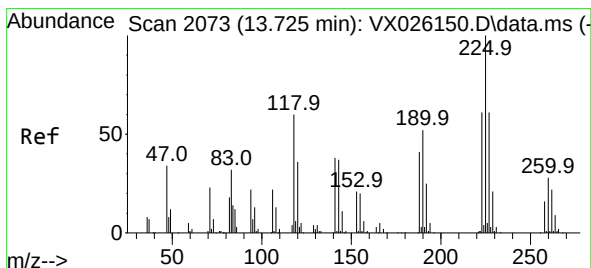
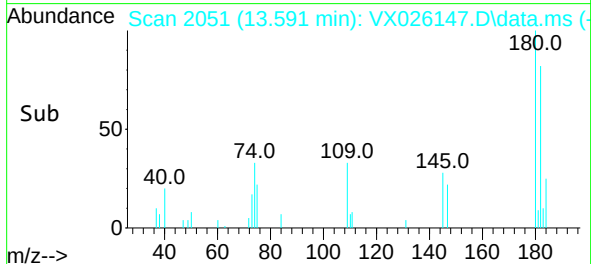
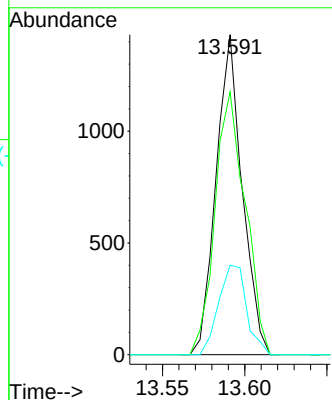
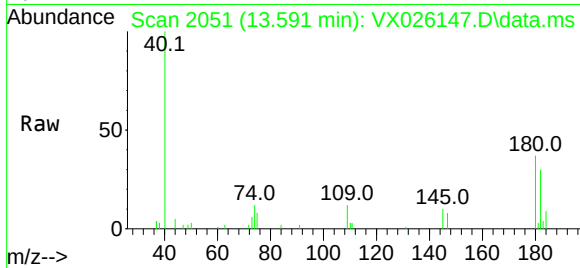




#93  
1,2,4-Trichlorobenzene  
Concen: 1.174 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

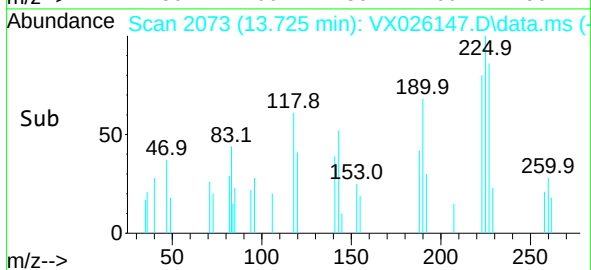
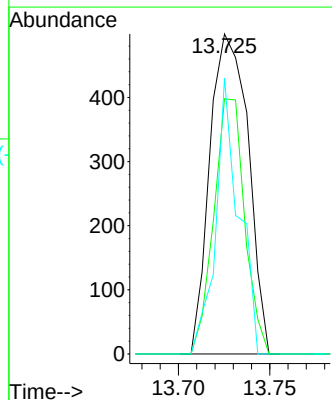
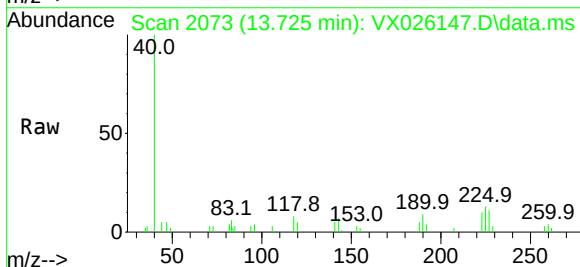
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

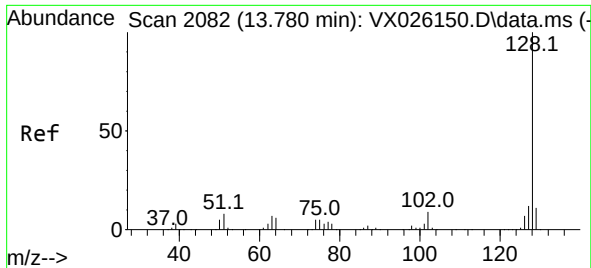
Tgt Ion:180 Resp: 1584  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.2 141.6  
145 29.9 16.3 48.9



#94  
Hexachlorobutadiene  
Concen: 1.271 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

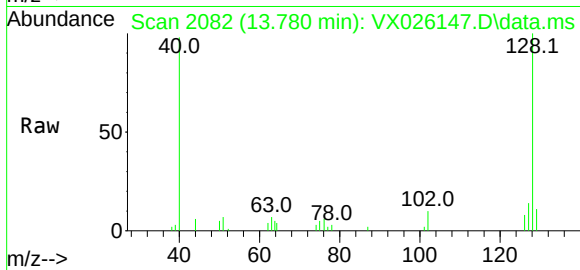
Tgt Ion:225 Resp: 729  
Ion Ratio Lower Upper  
225 100  
223 64.2 31.6 95.0  
227 52.0 32.5 97.5



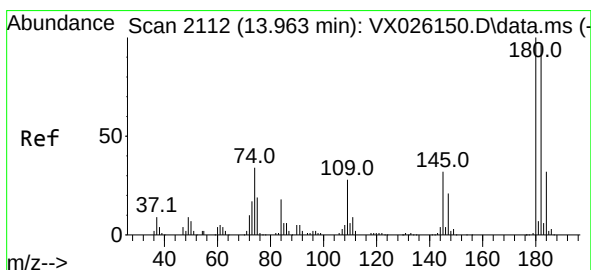
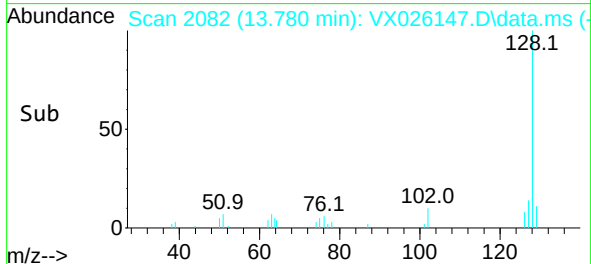
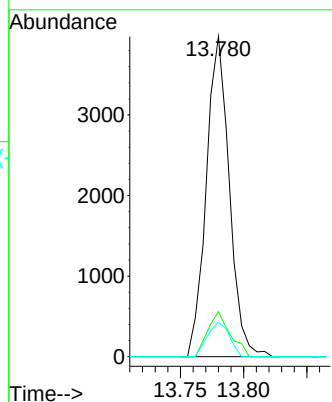


#95  
Naphthalene  
Concen: 1.106 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 5035  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.7  | 10.3  | 15.5  |
| 129      | 10.2  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 1.134 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX026147.D  
Acq: 29 Dec 2021 18:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1531  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 103.5 | 47.5  | 142.6 |
| 145      | 36.2  | 16.7  | 50.1  |

