

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120722\  
 Data File : VX033273.D  
 Acq On : 07 Dec 2022 09:46  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Dec 08 01:40:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 142504   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 225802   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 197000   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 90814    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 1812     | 1.982    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 3.960%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 1662     | 1.636    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 3.280%# |
| 50) Toluene-d8              | 8.653  | 98    | 3277     | 1.542    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 3.080%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 1827     | 1.125    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 2.240%# |

|                              |       |     |       |        |        |    |
|------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds             |       |     |       | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 1038  | 1.043  | ug/l   | 92 |
| 3) Chloromethane             | 1.294 | 50  | 1198  | 1.041  | ug/l   | 96 |
| 4) Vinyl Chloride            | 1.374 | 62  | 1445  | 1.100  | ug/l   | 92 |
| 5) Bromomethane              | 1.617 | 94  | 1154  | 1.197  | ug/l   | 95 |
| 6) Chloroethane              | 1.697 | 64  | 1105  | 1.109  | ug/l # | 87 |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 2793  | 1.132  | ug/l # | 80 |
| 8) Diethyl Ether             | 2.136 | 74  | 889   | 0.998  | ug/l   | 83 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 1257  | 0.960  | ug/l   | 92 |
| 10) Methyl Iodide            | 2.453 | 142 | 977   | 0.682  | ug/l # | 94 |
| 11) Tert butyl alcohol       | 2.940 | 59  | 1476  | 5.281  | ug/l # | 72 |
| 12) 1,1-Dichloroethene       | 2.318 | 96  | 1259  | 0.975  | ug/l   | 92 |
| 13) Acrolein                 | 2.233 | 56  | 1627  | 5.367  | ug/l   | 99 |
| 14) Allyl chloride           | 2.666 | 41  | 1931  | 0.936  | ug/l   | 94 |
| 15) Acrylonitrile            | 3.074 | 53  | 3013  | 4.352  | ug/l   | 96 |
| 16) Acetone                  | 2.392 | 43  | 3731  | 5.515  | ug/l   | 97 |
| 17) Carbon Disulfide         | 2.514 | 76  | 3391  | 1.023  | ug/l # | 93 |
| 18) Methyl Acetate           | 2.709 | 43  | 1734  | 0.885  | ug/l   | 96 |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 3742  | 0.836  | ug/l   | 93 |
| 20) Methylene Chloride       | 2.794 | 84  | 1618  | 1.072  | ug/l # | 85 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 1257  | 0.889  | ug/l   | 85 |
| 22) Diisopropyl ether        | 3.763 | 45  | 3754  | 0.849  | ug/l # | 77 |
| 23) Vinyl Acetate            | 3.733 | 43  | 14131 | 4.119  | ug/l # | 93 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 2507  | 0.965  | ug/l # | 93 |
| 25) 2-Butanone               | 4.574 | 43  | 4232  | 4.358  | ug/l   | 97 |
| 26) 2,2-Dichloropropane      | 4.464 | 77  | 1715  | 0.898  | ug/l # | 65 |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 1551  | 0.918  | ug/l   | 97 |
| 28) Bromochloromethane       | 4.903 | 49  | 1078  | 0.992  | ug/l # | 98 |
| 29) Tetrahydrofuran          | 5.031 | 42  | 2697  | 4.287  | ug/l   | 94 |
| 30) Chloroform               | 5.098 | 83  | 2666  | 0.925  | ug/l   | 98 |
| 31) Cyclohexane              | 5.470 | 56  | 2061  | 0.949  | ug/l # | 72 |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 2190  | 0.883  | ug/l # | 48 |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 1983  | 1.001  | ug/l   | 97 |
| 37) Ethyl Acetate            | 4.721 | 43  | 1606  | 0.858  | ug/l # | 77 |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 2156  | 0.972  | ug/l   | 85 |
| 39) Methylcyclohexane        | 7.385 | 83  | 2200  | 0.993  | ug/l   | 94 |
| 40) Benzene                  | 6.043 | 78  | 5324  | 0.922  | ug/l   | 99 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120722\  
 Data File : VX033273.D  
 Acq On : 07 Dec 2022 09:46  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Dec 08 01:40:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.940  | 41   | 836      | 0.811  | ug/l # | 69       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 2147     | 0.936  | ug/l   | 89       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 2534     | 0.841  | ug/l # | 94       |
| 44) Trichloroethene           | 7.129  | 130  | 1448     | 0.910  | ug/l   | 78       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 1355     | 0.918  | ug/l   | 93       |
| 46) Dibromomethane            | 7.580  | 93   | 1022     | 0.909  | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.824  | 83   | 1934     | 0.882  | ug/l # | 93       |
| 48) Methyl methacrylate       | 7.702  | 41   | 1402     | 0.902  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 7.714  | 88   | 439      | 12.386 | ug/l # | 66       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 8030     | 4.216  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 3231     | 0.866  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 1741     | 3.208  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1891     | 0.811  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 1456     | 0.928  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 1720     | 0.779  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 2174     | 0.862  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 4421     | 4.373  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 5946     | 4.236  | ug/l   | 93       |
| 60) Dibromochloromethane      | 9.518  | 129  | 1379     | 0.798  | ug/l   | 93       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1386     | 0.830  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1386     | 1.029  | ug/l   | 86       |
| 65) Chlorobenzene             | 10.079 | 112  | 3922     | 0.983  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1386     | 0.919  | ug/l # | 66       |
| 67) Ethyl Benzene             | 10.195 | 91   | 6381     | 0.918  | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.305 | 106  | 4964     | 1.836  | ug/l   | 98       |
| 69) o-Xylene                  | 10.646 | 106  | 2441     | 0.913  | ug/l   | 97       |
| 70) Styrene                   | 10.658 | 104  | 3668     | 0.838  | ug/l   | 95       |
| 71) Bromoform                 | 10.799 | 173  | 971      | 0.814  | ug/l # | 97       |
| 73) Isopropylbenzene          | 10.963 | 105  | 6074     | 0.923  | ug/l   | 96       |
| 74) N-amyl acetate            | 10.847 | 43   | 1731     | 0.771  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 1942     | 0.930  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 1993     | 1.079  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 1565     | 0.942  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 6530     | 0.888  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 4350     | 0.958  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4864     | 0.888  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 382      | 0.643  | ug/l # | 75       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 5105     | 0.967  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 4998     | 0.915  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 4957     | 0.906  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 5842     | 0.916  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 5219     | 0.950  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2736     | 0.909  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 2736     | 0.890  | ug/l   | 97       |
| 89) n-Butylbenzene            | 12.335 | 91   | 4003     | 0.889  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 897      | 0.960  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 2961     | 0.984  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 404      | 0.896  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1671     | 0.919  | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 811      | 1.114  | ug/l   | 91       |
| 95) Naphthalene               | 13.780 | 128  | 4665     | 0.769  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1739     | 0.944  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120722\  
Data File : VX033273.D  
Acq On : 07 Dec 2022 09:46  
Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

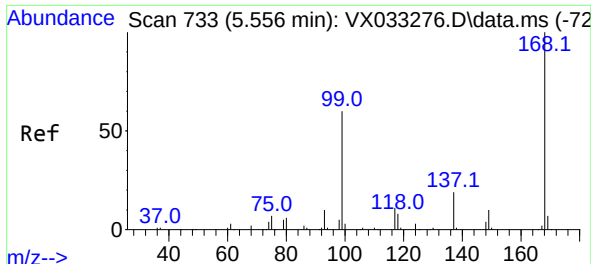
Quant Time: Dec 08 01:40:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 07 12:43:54 2022  
Response via : Initial Calibration

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

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

Quant Time: Dec 08 01:40:09 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 07 12:43:54 2022  
Response via : Initial Calibration

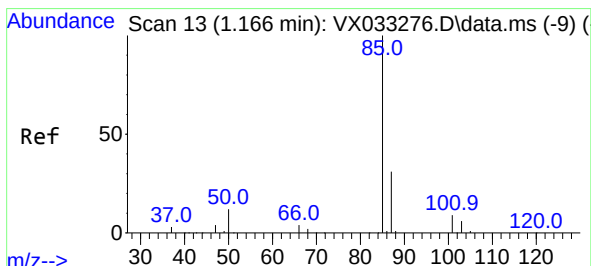
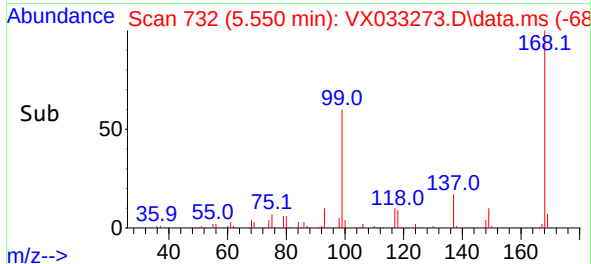
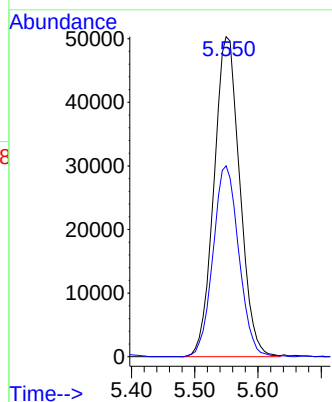
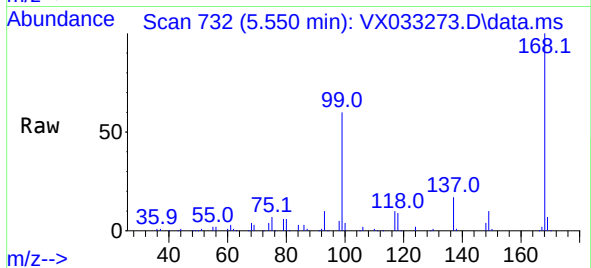




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

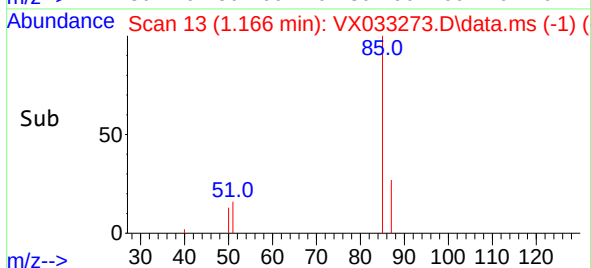
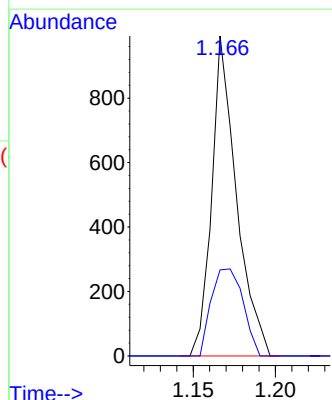
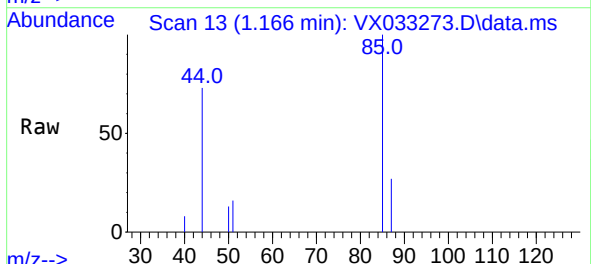
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:168 Resp: 142504  
Ion Ratio Lower Upper  
168 100  
99 59.6 46.1 69.1

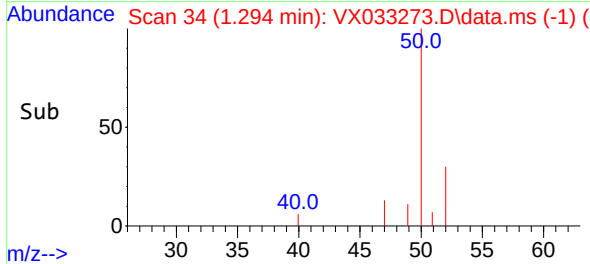
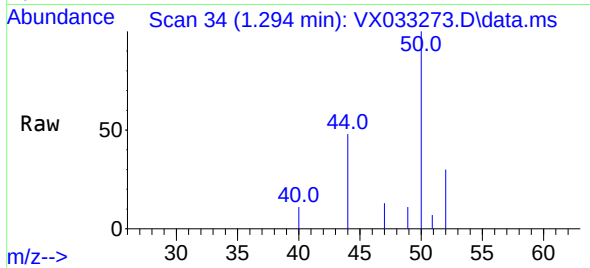
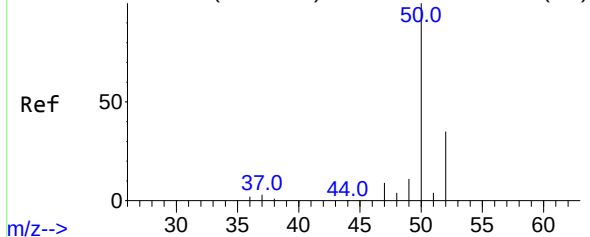


#2  
Dichlorodifluoromethane  
Concen: 1.043 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 85 Resp: 1038  
Ion Ratio Lower Upper  
85 100  
87 26.9 15.6 46.7



Abundance Scan 34 (1.294 min): VX033276.D\data.ms (-29)



#3

Chloromethane

Concen: 1.041 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

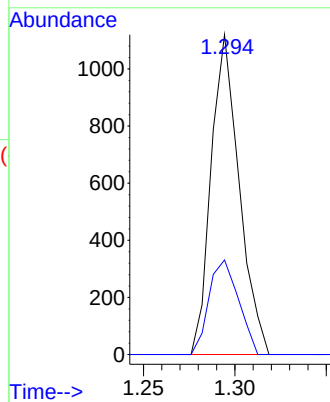
VSTDICC001

Tgt Ion: 50 Resp: 1198

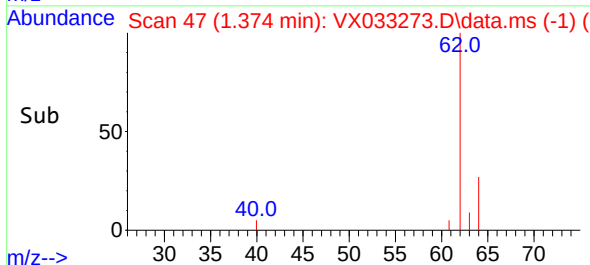
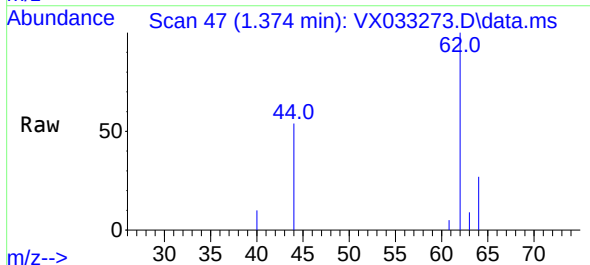
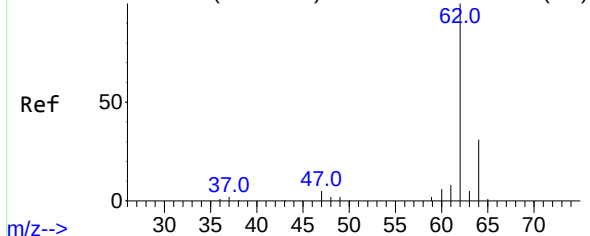
Ion Ratio Lower Upper

50 100

52 29.6 25.4 38.2



Abundance Scan 47 (1.373 min): VX033276.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 1.100 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX033273.D

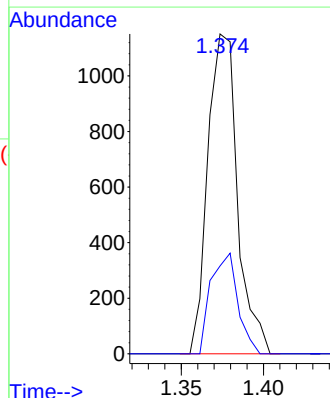
Acq: 07 Dec 2022 09:46

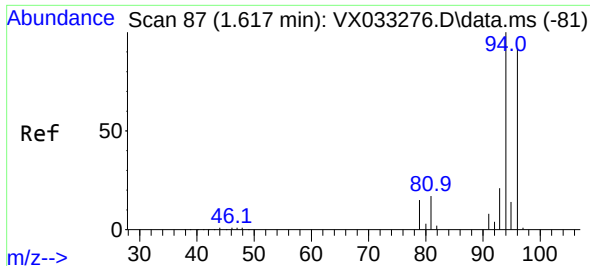
Tgt Ion: 62 Resp: 1445

Ion Ratio Lower Upper

62 100

64 27.5 25.8 38.6

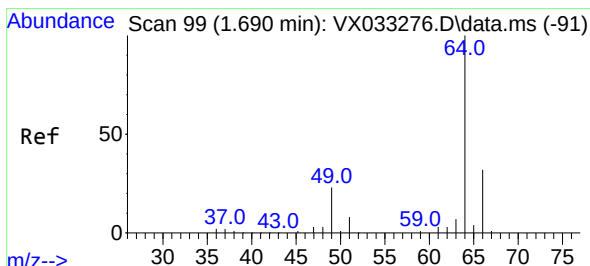
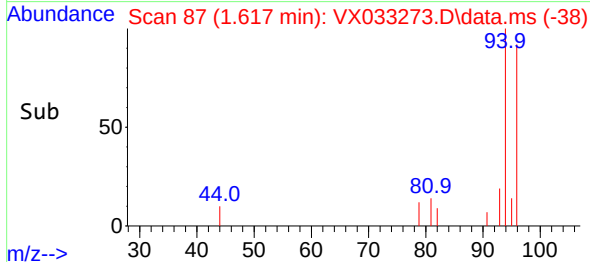
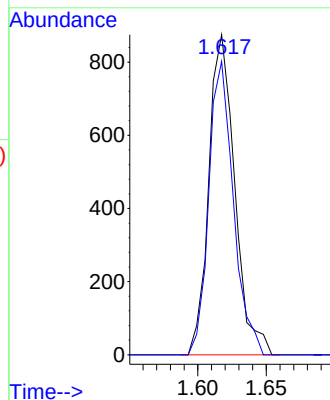
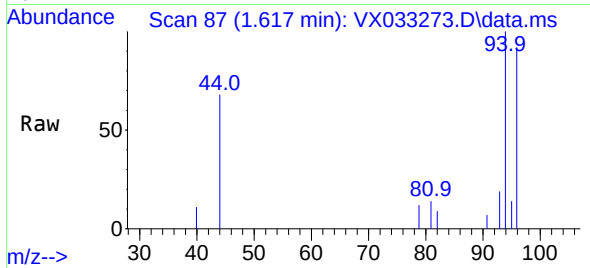




#5  
Bromomethane  
Concen: 1.197 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

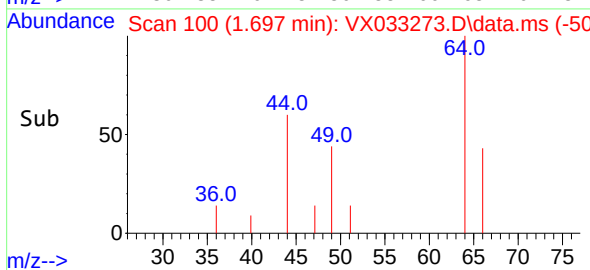
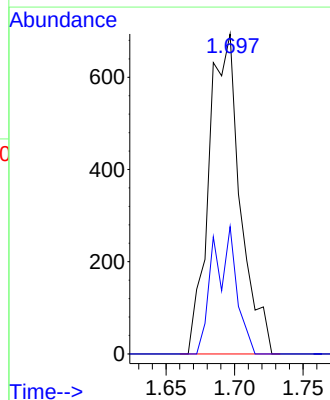
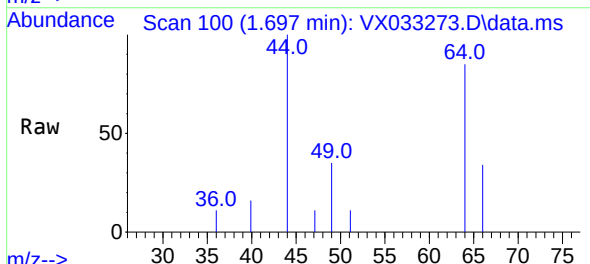
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

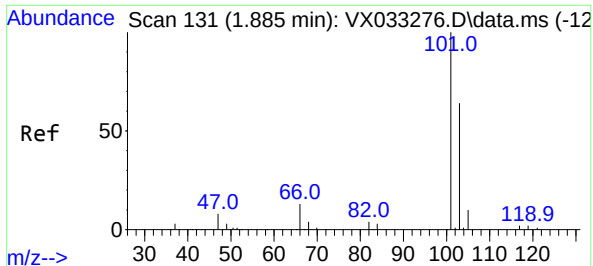
Tgt Ion: 94 Resp: 1154  
Ion Ratio Lower Upper  
94 100  
96 91.7 77.6 116.4



#6  
Chloroethane  
Concen: 1.109 ug/l  
RT: 1.697 min Scan# 100  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 64 Resp: 1105  
Ion Ratio Lower Upper  
64 100  
66 39.8 26.0 39.0

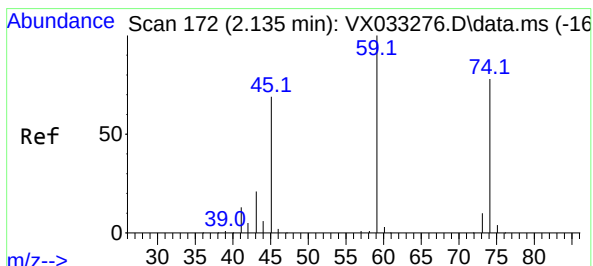
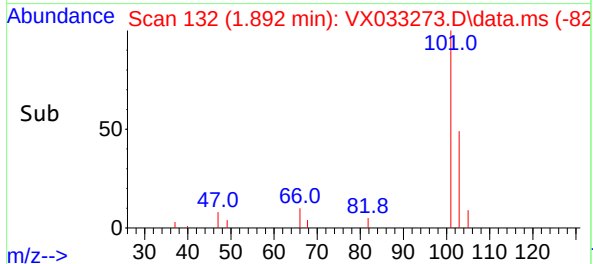
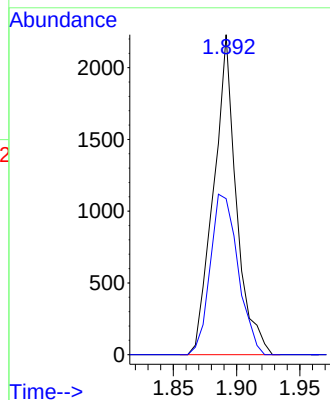
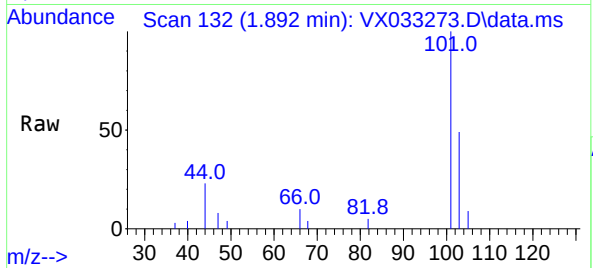




#7  
Trichlorofluoromethane  
Concen: 1.132 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

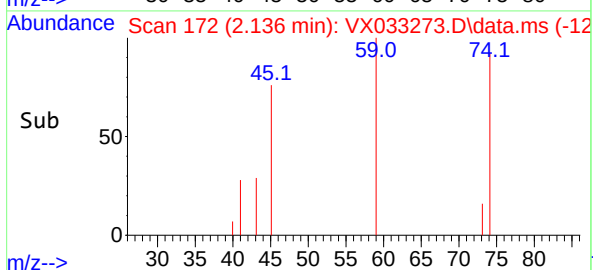
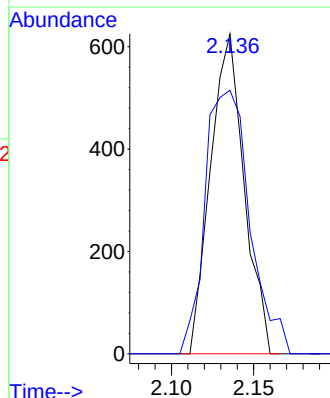
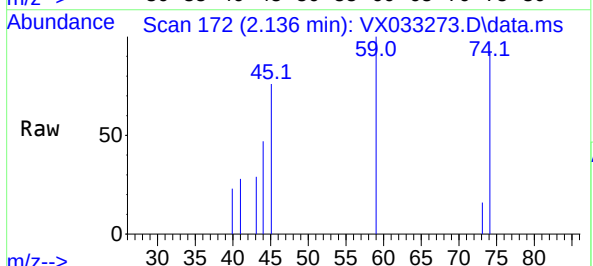
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:101 Resp: 2793  
Ion Ratio Lower Upper  
101 100  
103 48.7 51.4 77.2#

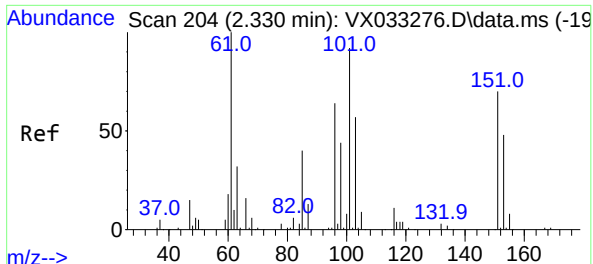


#8  
Diethyl Ether  
Concen: 0.998 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 74 Resp: 889  
Ion Ratio Lower Upper  
74 100  
45 109.8 46.6 139.7



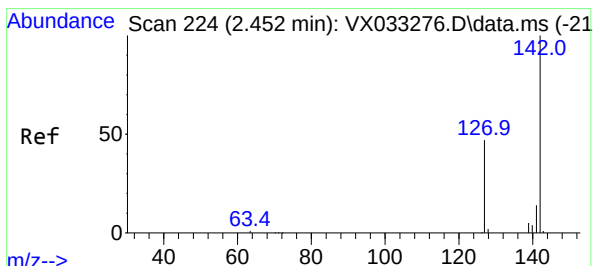
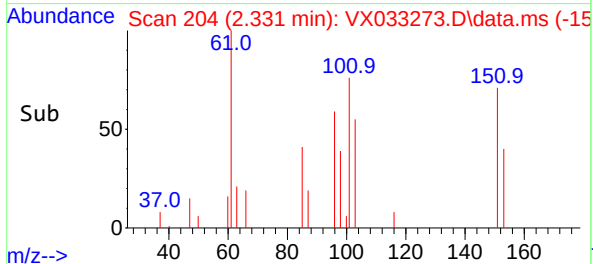
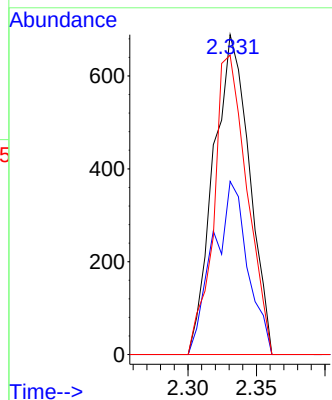
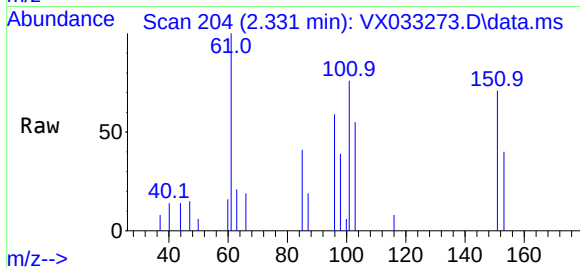




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.960 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

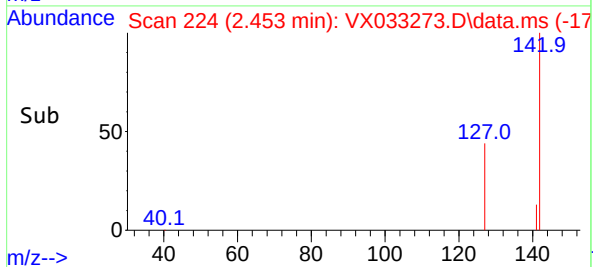
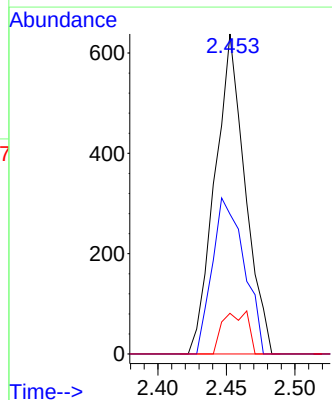
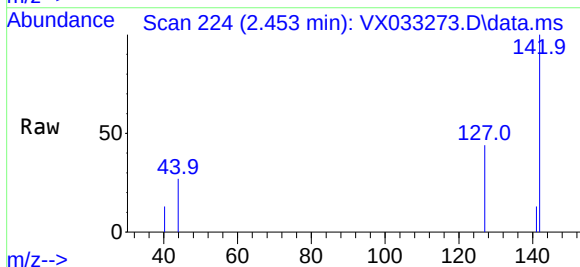
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

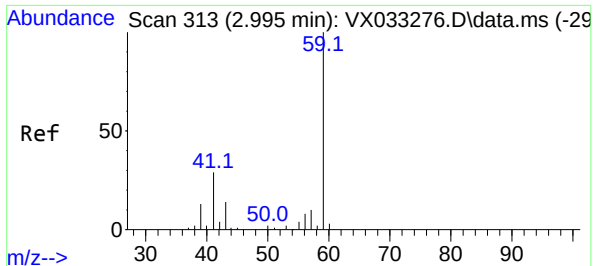
Tgt Ion:101 Resp: 1257  
Ion Ratio Lower Upper  
101 100  
85 52.3 37.0 55.4  
151 86.6 64.4 96.6



#10  
Methyl Iodide  
Concen: 0.682 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion:142 Resp: 977  
Ion Ratio Lower Upper  
142 100  
127 51.6 38.6 57.8  
141 11.2 11.4 17.2#





#11

Tert butyl alcohol

Concen: 5.281 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

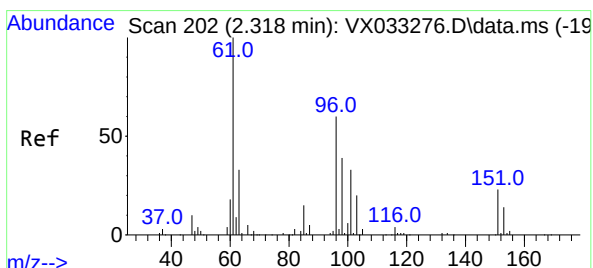
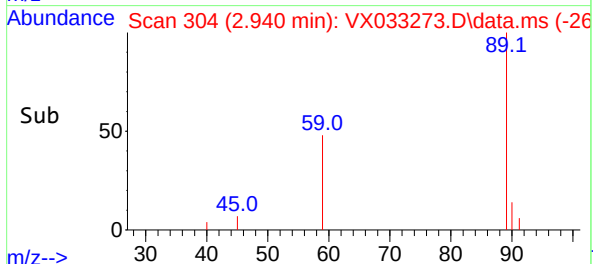
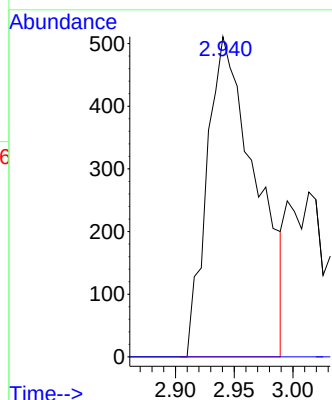
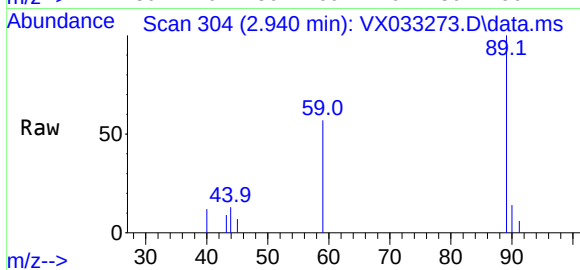
VSTDIC001

Tgt Ion: 59 Resp: 1476

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.975 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

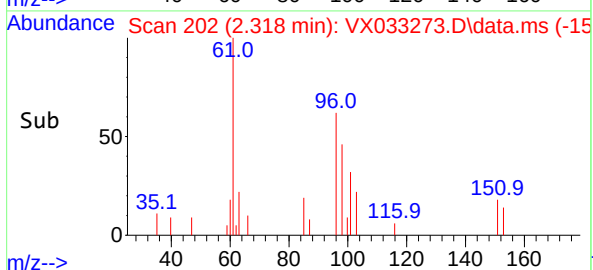
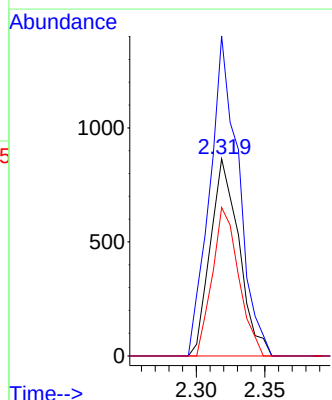
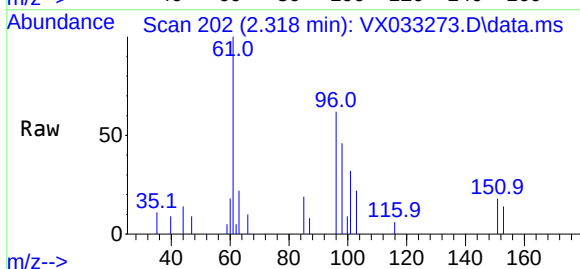
Tgt Ion: 96 Resp: 1259

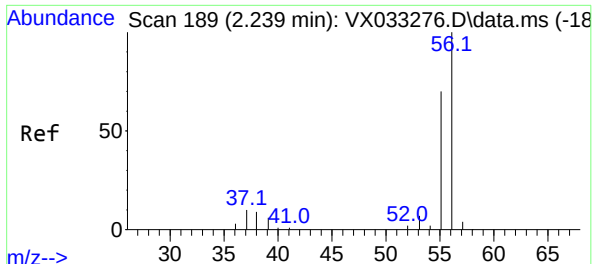
Ion Ratio Lower Upper

96 100

61 162.4 125.1 187.7

98 75.3 50.6 76.0





#13

Acrolein

Concen: 5.367 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

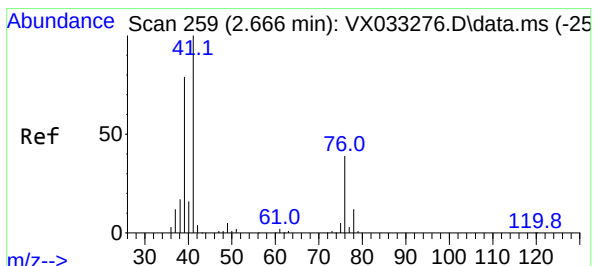
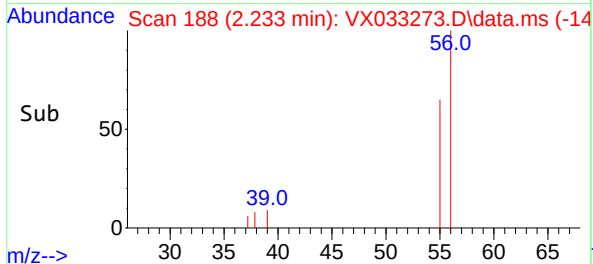
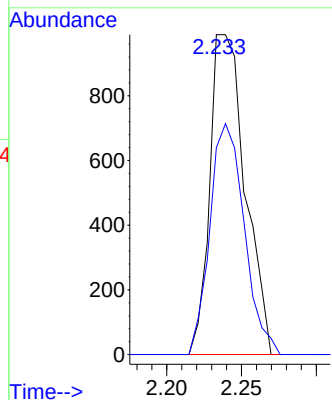
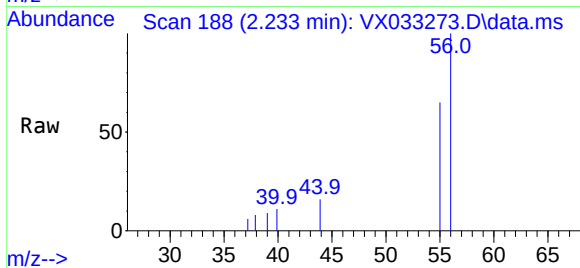
VSTDICC001

Tgt Ion: 56 Resp: 1627

Ion Ratio Lower Upper

56 100

55 70.2 56.9 85.3



#14

Allyl chloride

Concen: 0.936 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

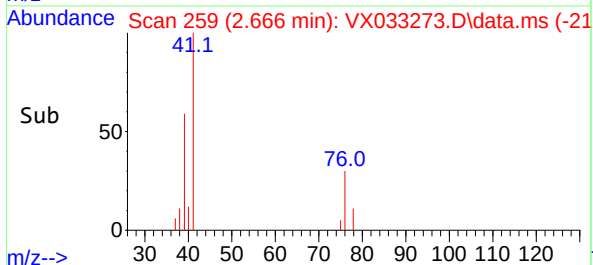
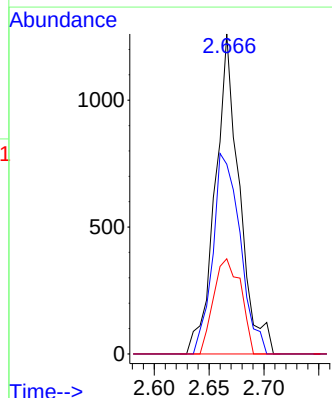
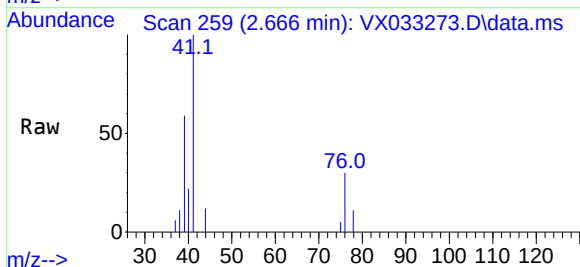
Tgt Ion: 41 Resp: 1931

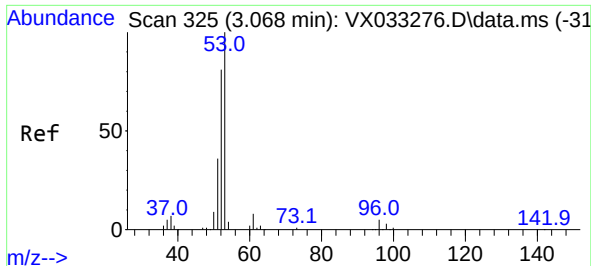
Ion Ratio Lower Upper

41 100

39 71.1 61.4 92.2

76 33.6 29.2 43.8

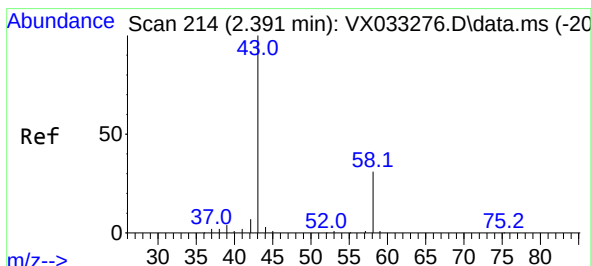
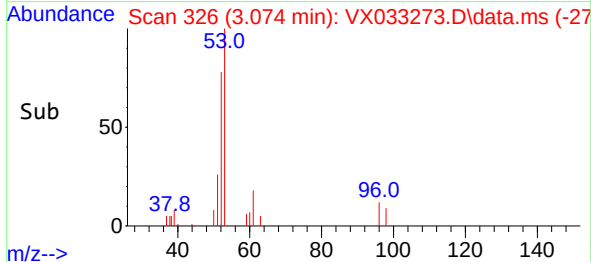
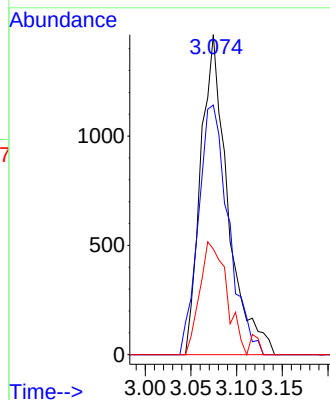
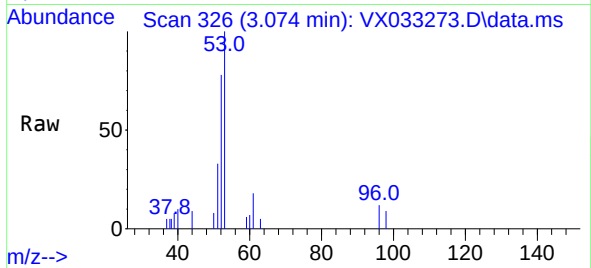




#15  
Acrylonitrile  
Concen: 4.352 ug/l  
RT: 3.074 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

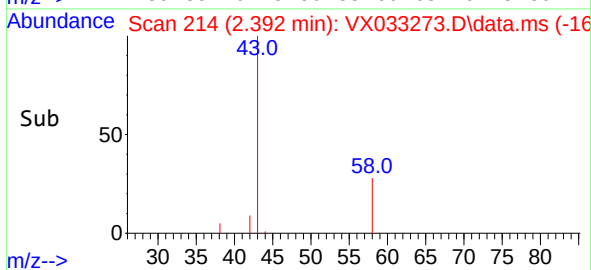
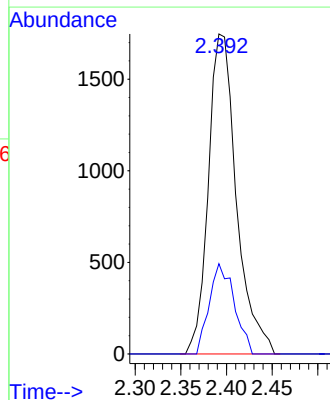
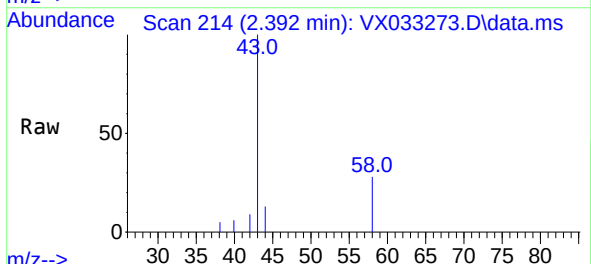
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

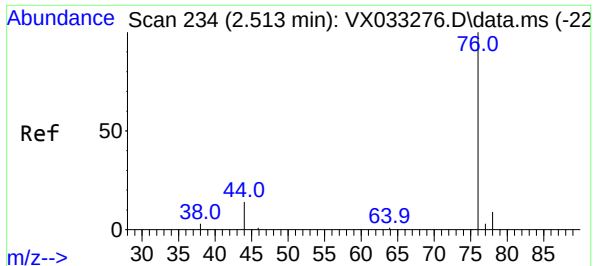
Tgt Ion: 53 Resp: 3013  
Ion Ratio Lower Upper  
53 100  
52 86.9 67.4 101.0  
51 35.0 30.3 45.5



#16  
Acetone  
Concen: 5.515 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 43 Resp: 3731  
Ion Ratio Lower Upper  
43 100  
58 28.2 23.8 35.8

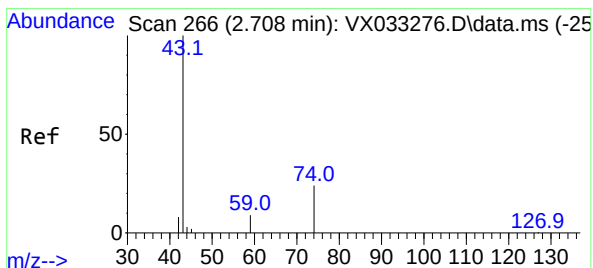
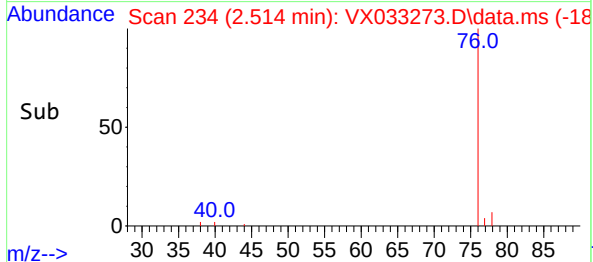
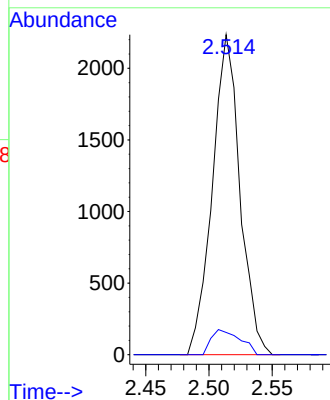
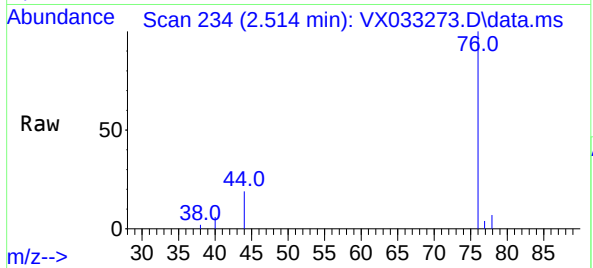




#17  
Carbon Disulfide  
Concen: 1.023 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

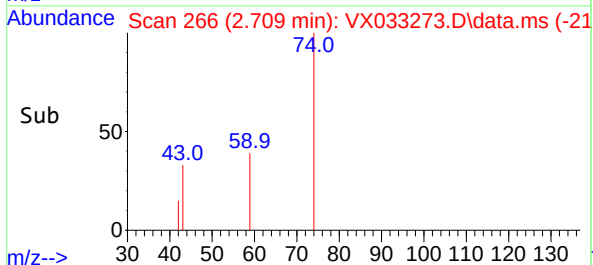
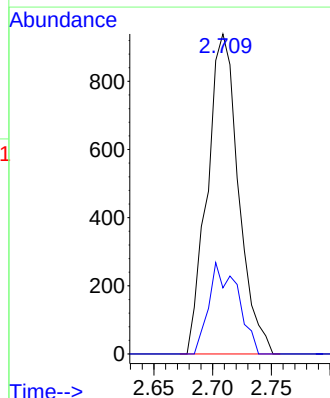
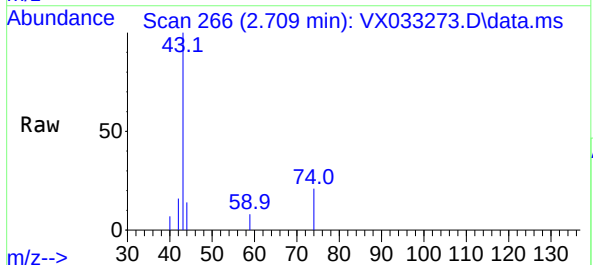
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

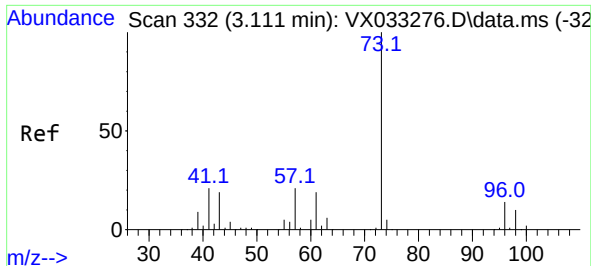
Tgt Ion: 76 Resp: 3391  
Ion Ratio Lower Upper  
76 100  
78 6.9 7.5 11.3#



#18  
Methyl Acetate  
Concen: 0.885 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 43 Resp: 1734  
Ion Ratio Lower Upper  
43 100  
74 26.4 19.4 29.0

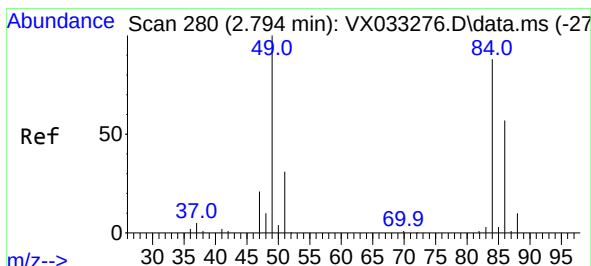
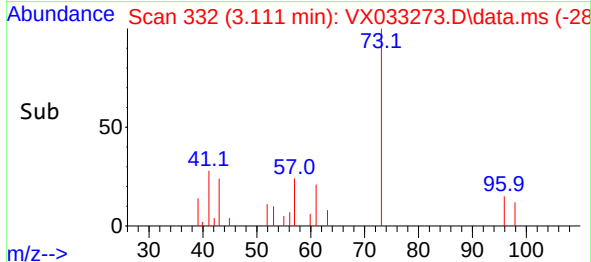
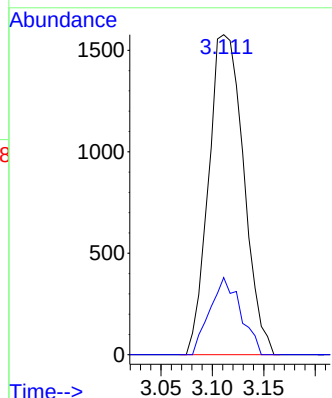
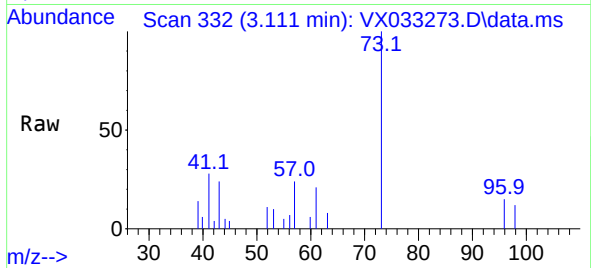




#19  
Methyl tert-butyl Ether  
Concen: 0.836 ug/l  
RT: 3.111 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

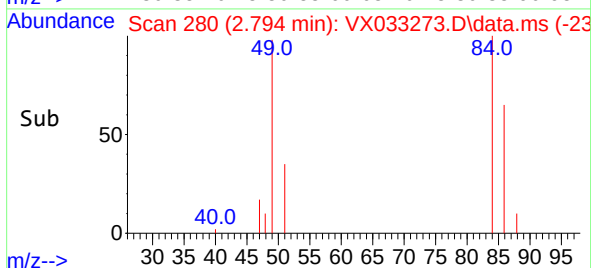
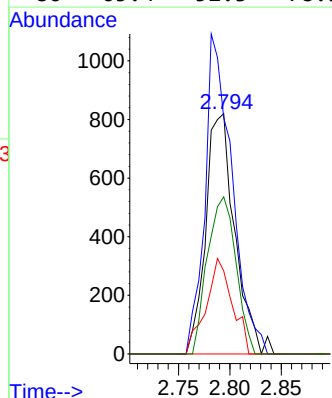
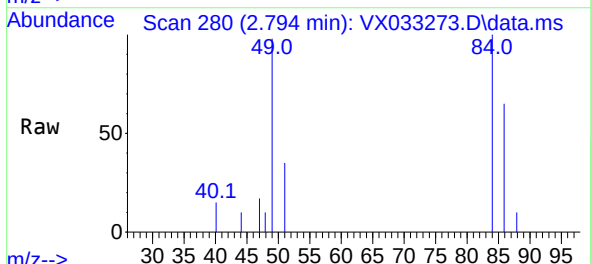
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

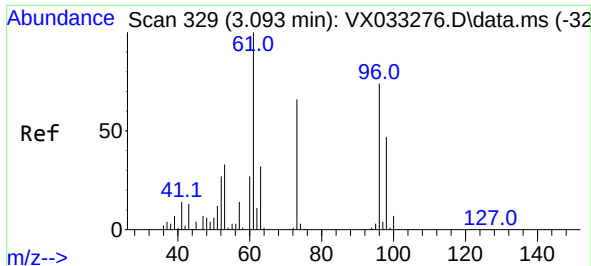
Tgt Ion: 73 Resp: 3742  
Ion Ratio Lower Upper  
73 100  
57 24.1 16.6 25.0



#20  
Methylene Chloride  
Concen: 1.072 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 84 Resp: 1618  
Ion Ratio Lower Upper  
84 100  
49 98.3 101.0 151.6#  
51 34.5 31.1 46.7  
86 65.4 52.3 78.5

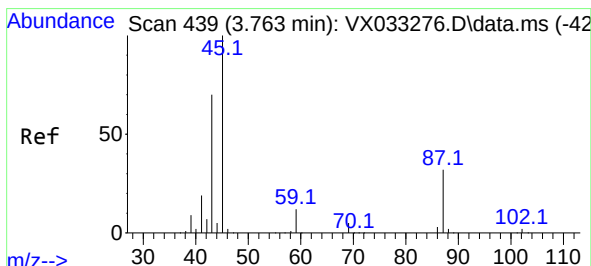
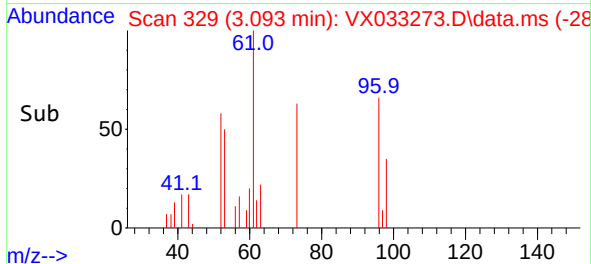
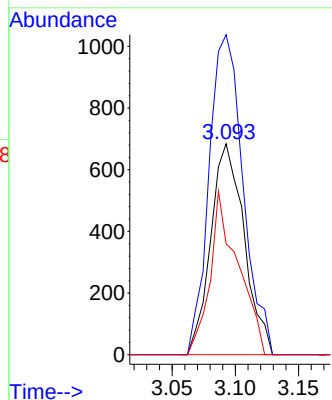
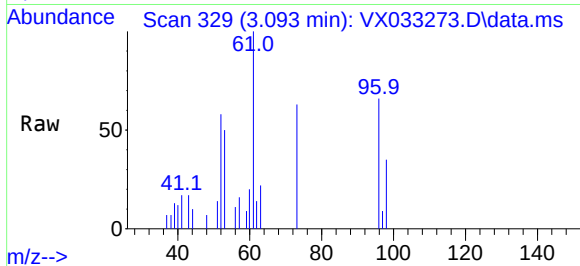




#21  
trans-1,2-Dichloroethene  
Concen: 0.889 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

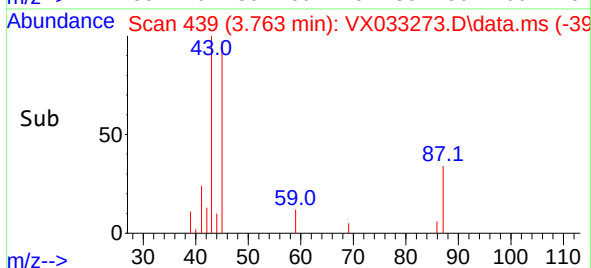
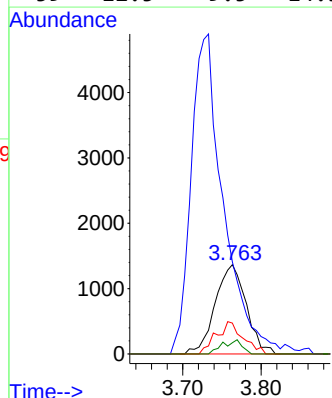
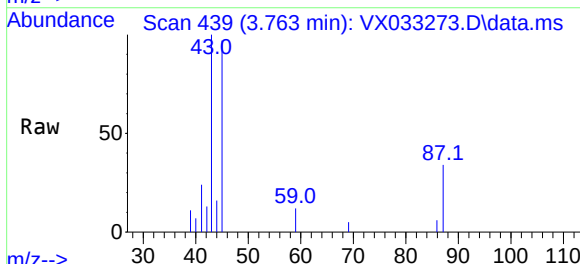
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

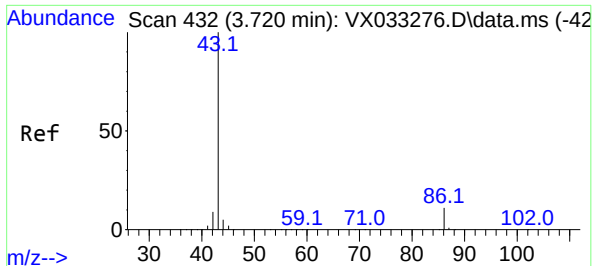
Tgt Ion: 96 Resp: 1257  
Ion Ratio Lower Upper  
96 100  
61 151.8 106.6 160.0  
98 52.5 51.0 76.6



#22  
Diisopropyl ether  
Concen: 0.849 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 45 Resp: 3754  
Ion Ratio Lower Upper  
45 100  
43 97.5 56.4 84.6#  
87 34.6 24.4 36.6  
59 12.5 9.5 14.3

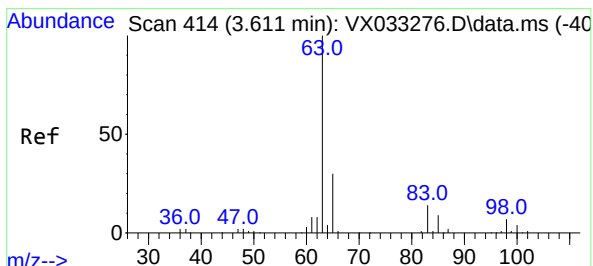
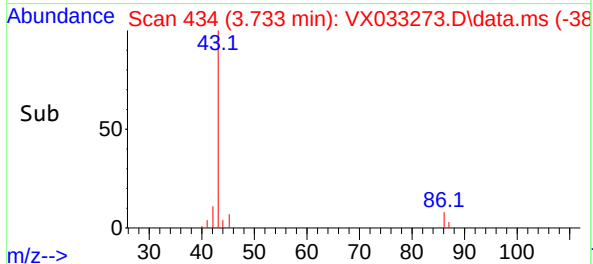
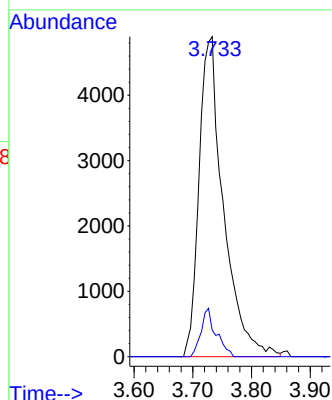
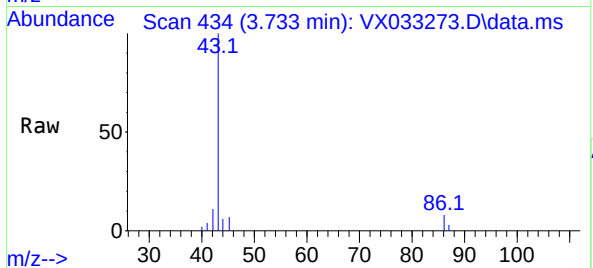




#23  
 Vinyl Acetate  
 Concen: 4.119 ug/l  
 RT: 3.733 min Scan# 41  
 Delta R.T. 0.012 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

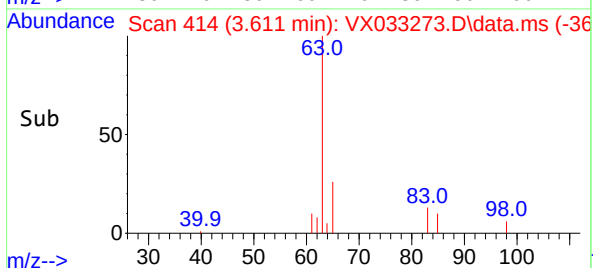
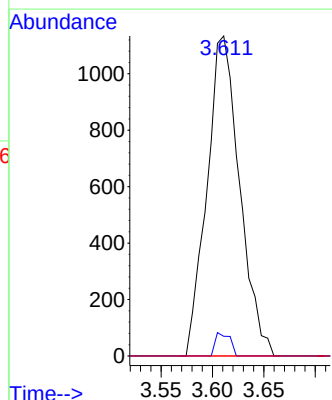
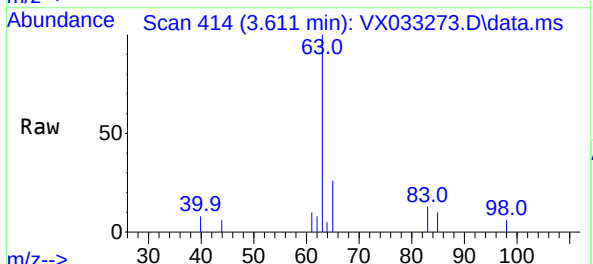
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 43 Resp: 14131  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 8.6 12.8#

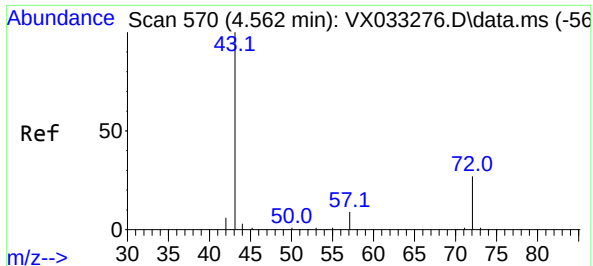


#24  
 1,1-Dichloroethane  
 Concen: 0.965 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

Tgt Ion: 63 Resp: 2507  
 Ion Ratio Lower Upper  
 63 100  
 98 6.2 3.5 10.4  
 100 0.0 2.3 6.8#



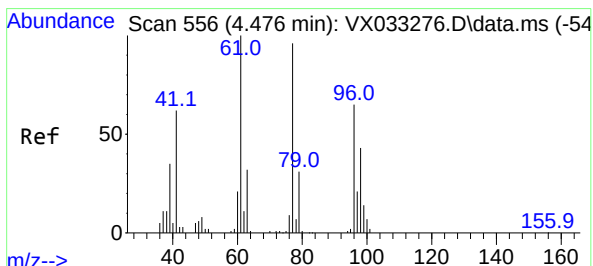
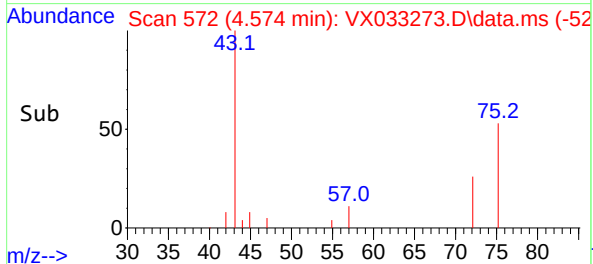
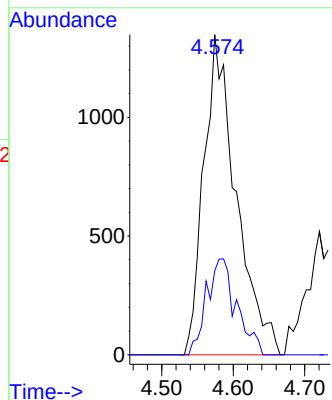
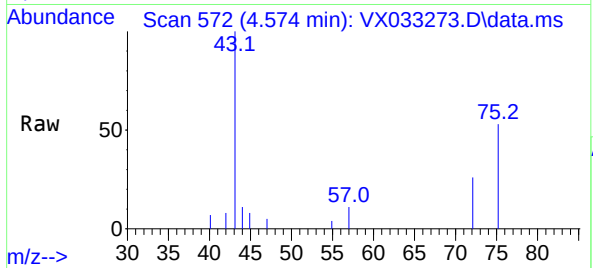




#25  
2-Butanone  
Concen: 4.358 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

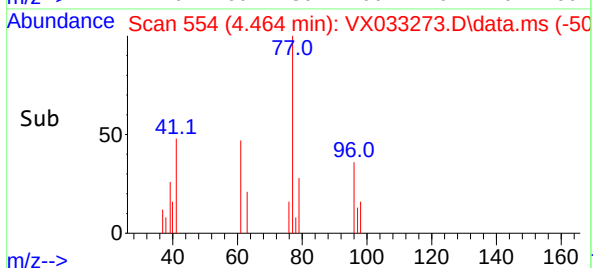
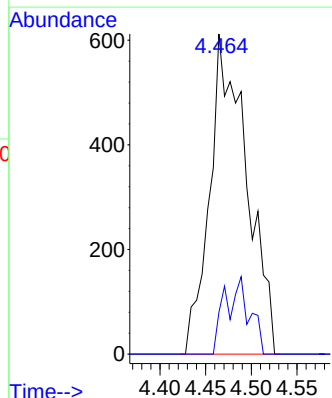
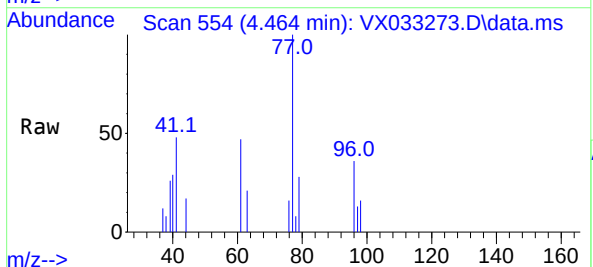
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

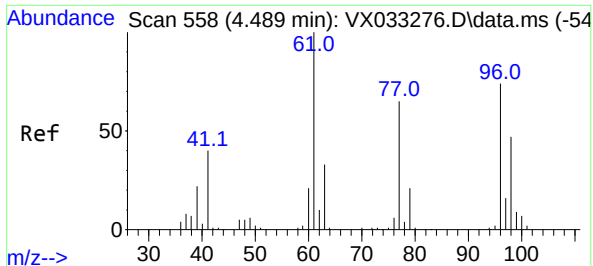
Tgt Ion: 43 Resp: 4232  
Ion Ratio Lower Upper  
43 100  
72 26.3 22.2 33.2



#26  
2,2-Dichloropropane  
Concen: 0.898 ug/l  
RT: 4.464 min Scan# 554  
Delta R.T. -0.012 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 77 Resp: 1715  
Ion Ratio Lower Upper  
77 100  
97 5.9 11.4 34.1#



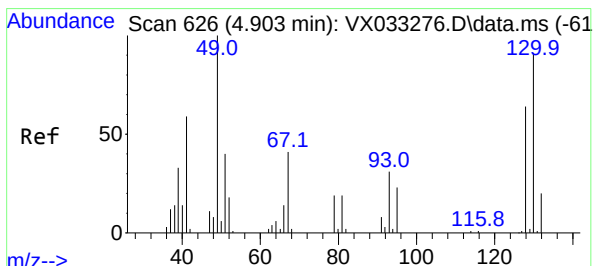
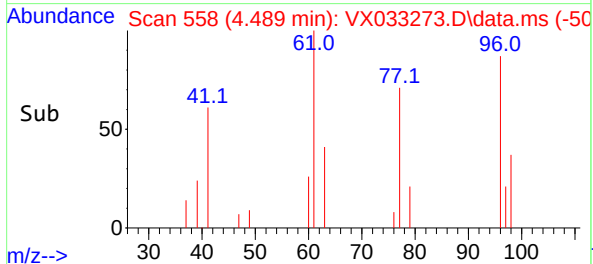
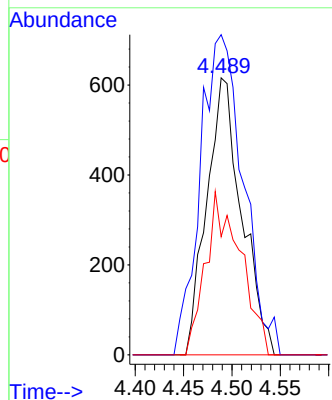
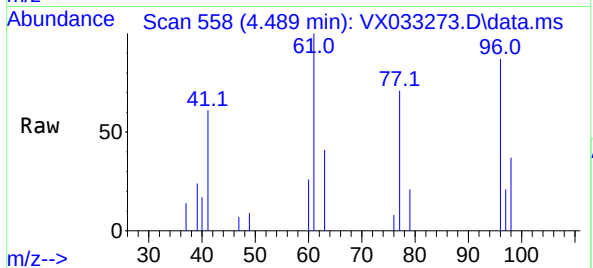


#27  
 cis-1,2-Dichloroethene  
 Concen: 0.918 ug/l  
 RT: 4.489 min Scan# 511  
 Delta R.T. 0.000 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 96 Resp: 1551

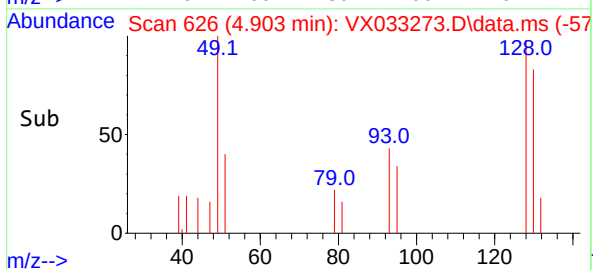
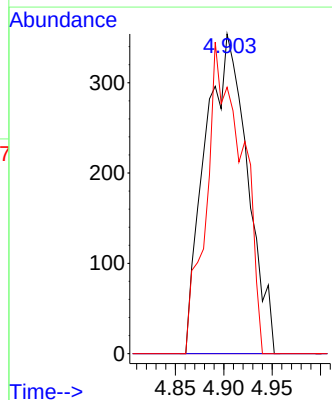
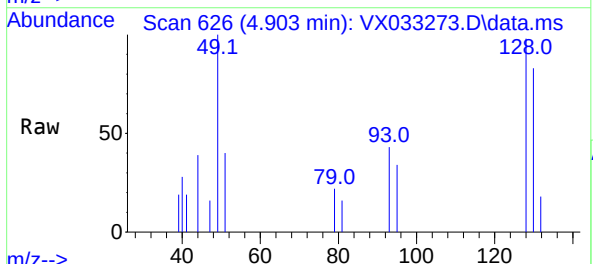
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 141.5 | 0.0   | 286.0 |
| 98  | 58.6  | 0.0   | 129.6 |

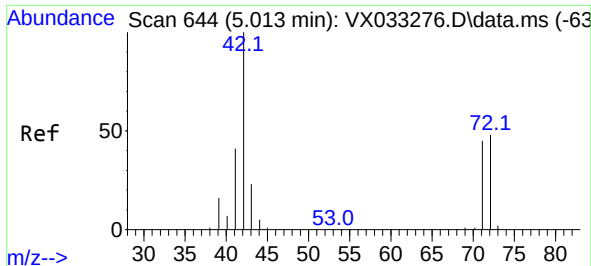


#28  
 Bromochloromethane  
 Concen: 0.992 ug/l  
 RT: 4.903 min Scan# 626  
 Delta R.T. 0.000 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

Tgt Ion: 49 Resp: 1078

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 3.8   |
| 130 | 82.5  | 67.5  | 101.3 |



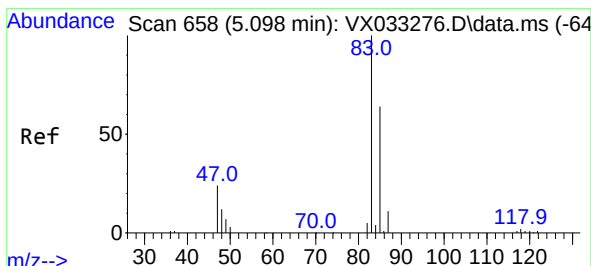
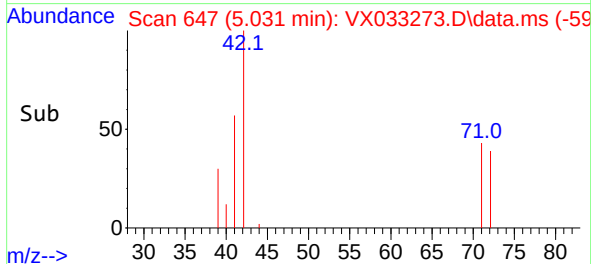
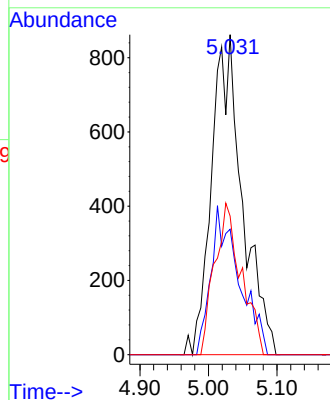
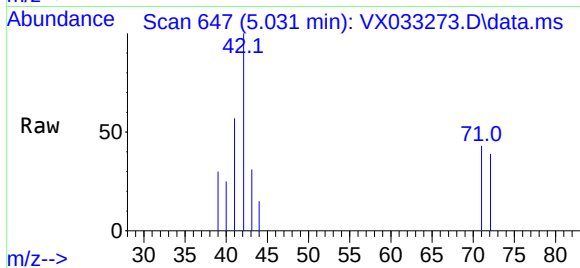


#29  
Tetrahydrofuran  
Concen: 4.287 ug/l  
RT: 5.031 min Scan# 644  
Delta R.T. 0.018 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 42 Resp: 2697

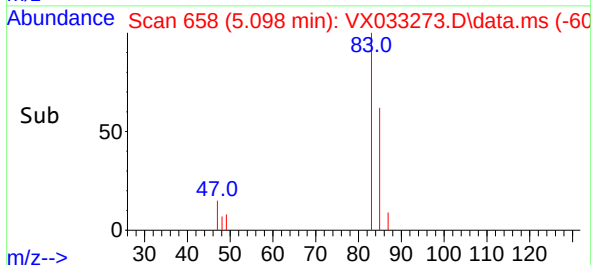
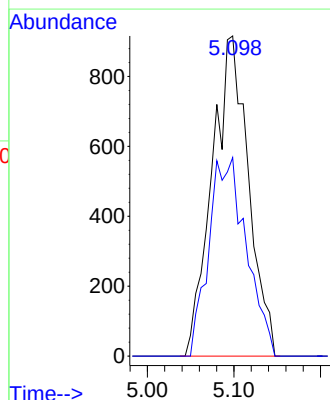
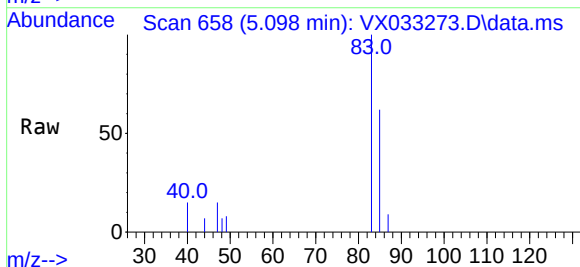
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 42.4  | 37.6  | 56.4  |
| 71  | 40.8  | 34.7  | 52.1  |

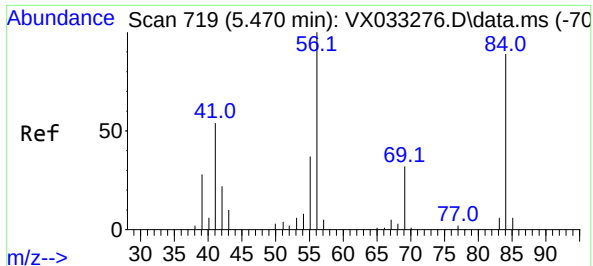


#30  
Chloroform  
Concen: 0.925 ug/l  
RT: 5.098 min Scan# 658  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 83 Resp: 2666

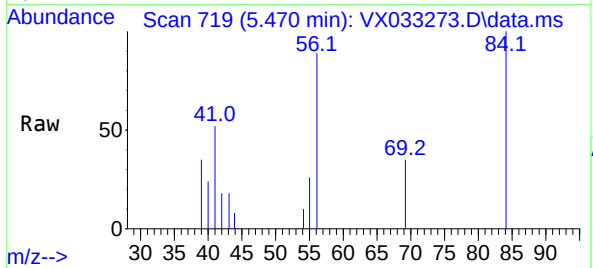
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.0  | 51.1  | 76.7  |



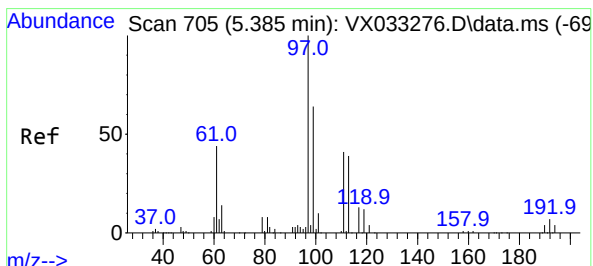
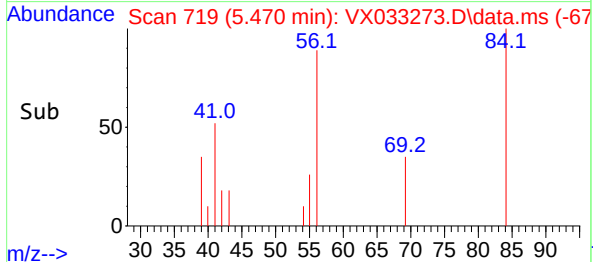
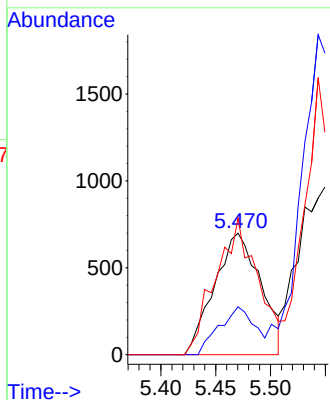


#31  
Cyclohexane  
Concen: 0.949 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

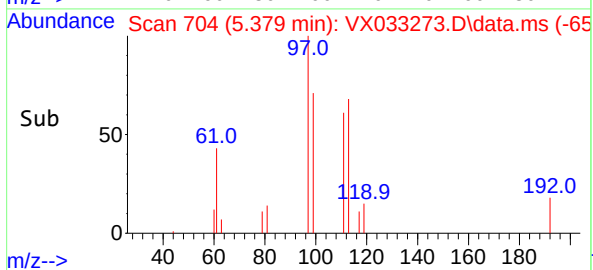
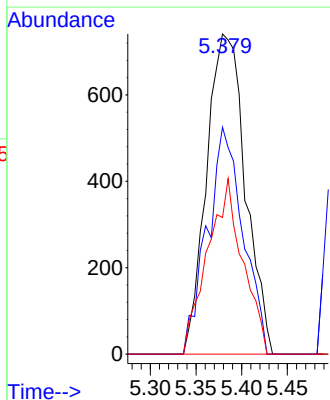
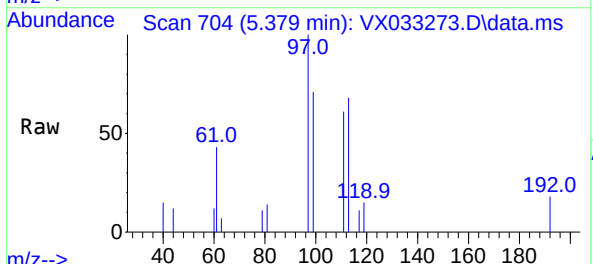


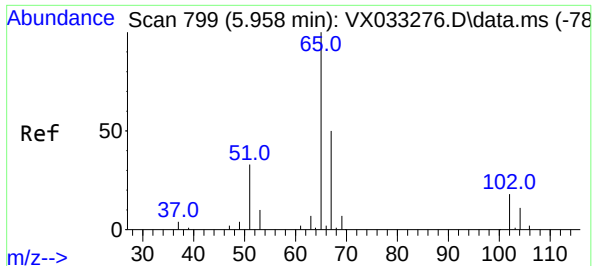
Tgt Ion: 56 Resp: 2061  
Ion Ratio Lower Upper  
56 100  
69 39.3 24.1 36.1#  
84 112.3 66.9 100.3#



#32  
1,1,1-Trichloroethane  
Concen: 0.883 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 97 Resp: 2190  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.4 77.0#  
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 1.982 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

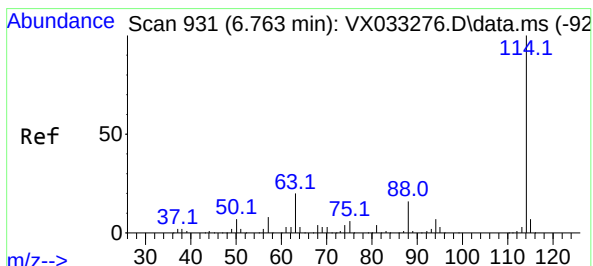
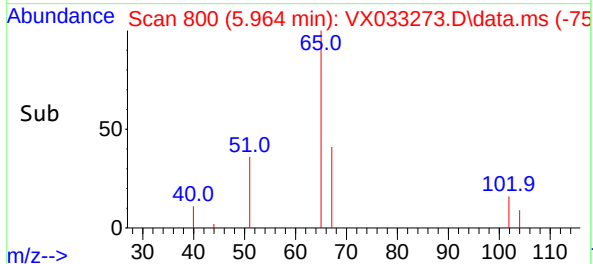
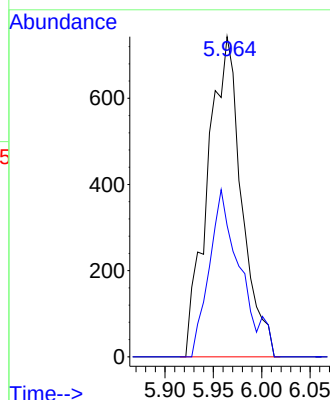
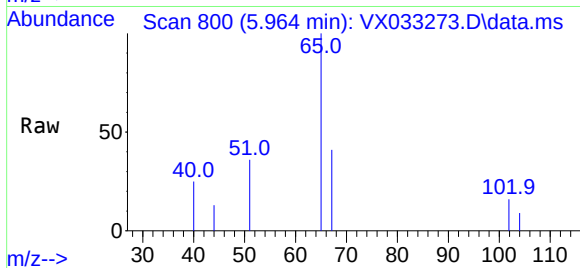
VSTDIC001

Tgt Ion: 65 Resp: 1812

Ion Ratio Lower Upper

65 100

67 48.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

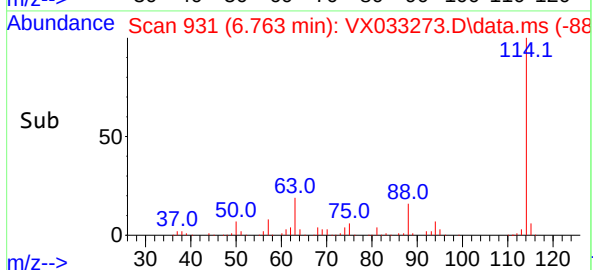
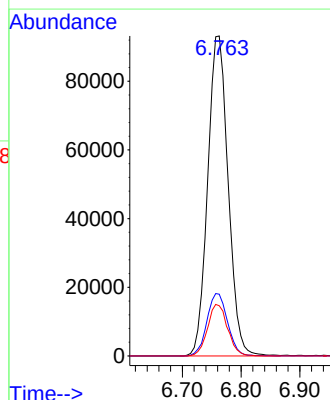
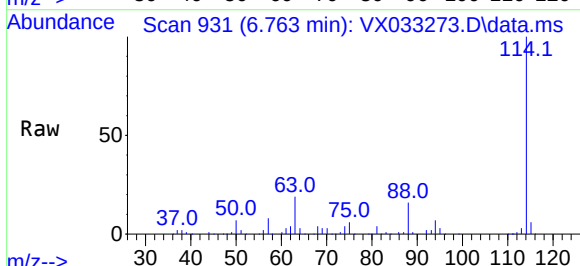
Tgt Ion:114 Resp: 225802

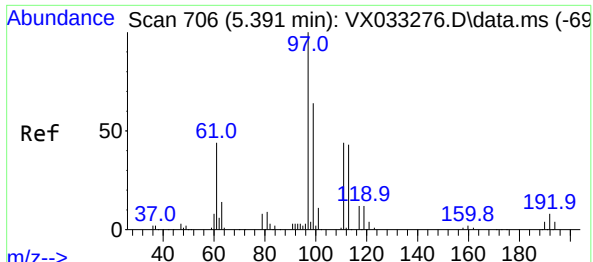
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 15.7 0.0 33.4

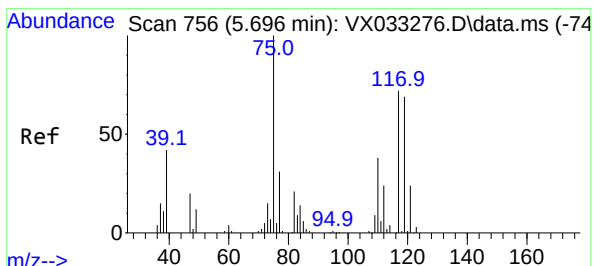
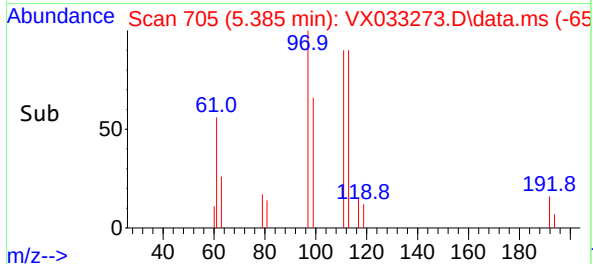
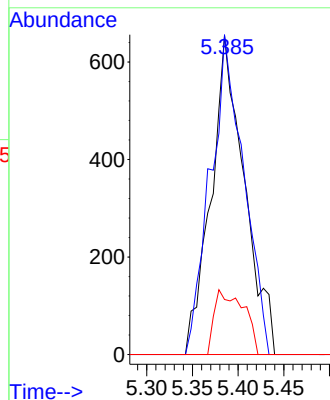
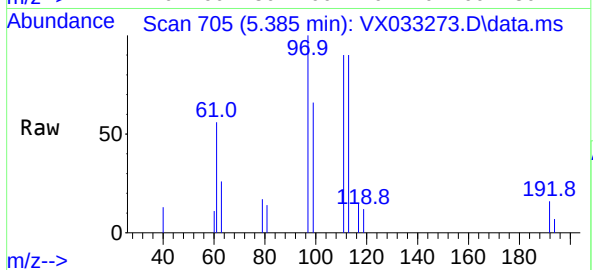




#35  
Dibromofluoromethane  
Concen: 1.636 ug/l  
RT: 5.385 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

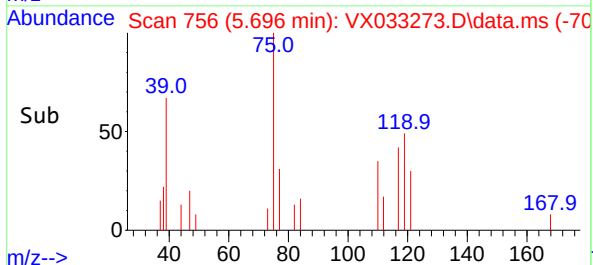
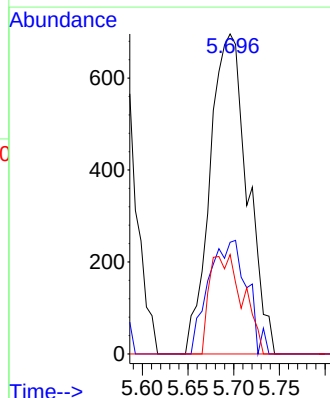
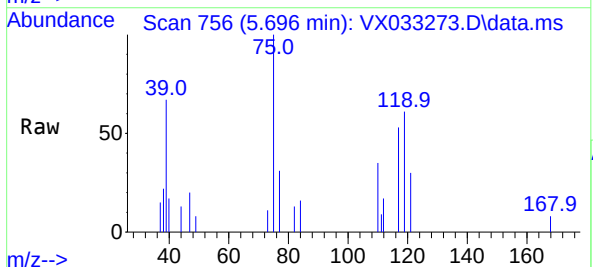
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

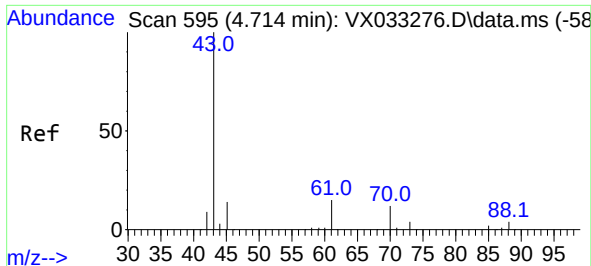
Tgt Ion:113 Resp: 1662  
Ion Ratio Lower Upper  
113 100  
111 100.3 82.4 123.6  
192 17.7 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 1.001 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 75 Resp: 1983  
Ion Ratio Lower Upper  
75 100  
110 36.4 18.4 55.2  
77 27.5 24.5 36.7





#37

Ethyl Acetate

Concen: 0.858 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX033273.D

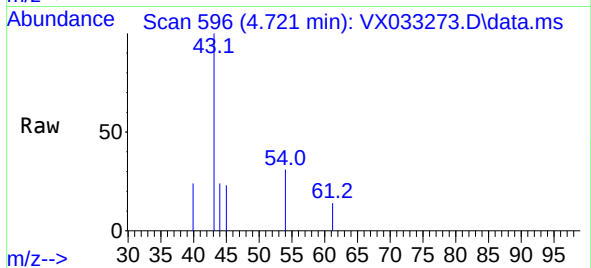
Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

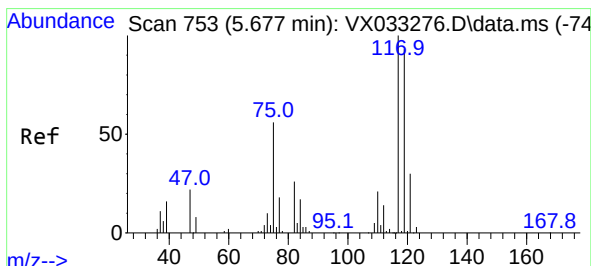
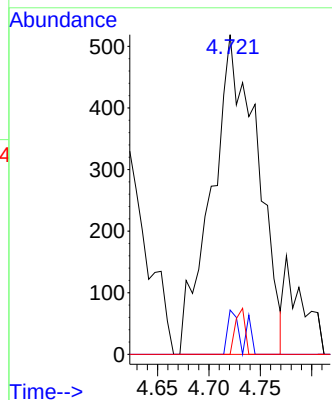
ClientSampleId :

VSTDIC001



Tgt Ion: 43 Resp: 1606

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 4.5   | 11.5  | 17.3# |
| 70  | 3.1   | 9.1   | 13.7# |



#38

Carbon Tetrachloride

Concen: 0.972 ug/l

RT: 5.672 min Scan# 752

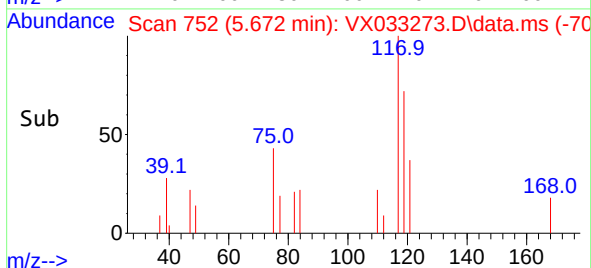
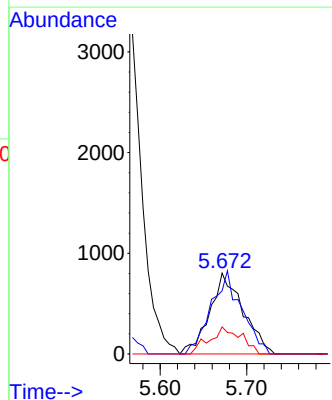
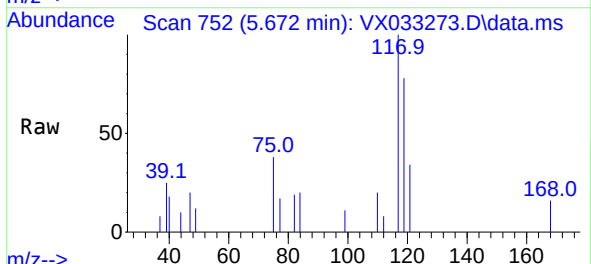
Delta R.T. -0.006 min

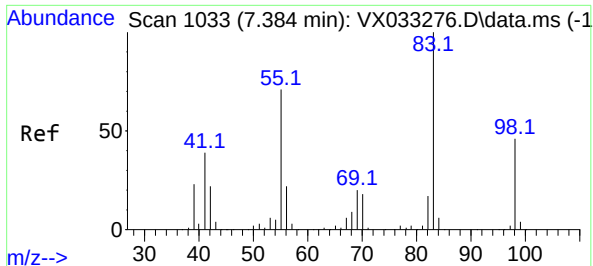
Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Tgt Ion: 117 Resp: 2156

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 78.3  | 77.2  | 115.8 |
| 121 | 33.5  | 25.8  | 38.6  |





#39

Methylcyclohexane

Concen: 0.993 ug/l

RT: 7.385 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

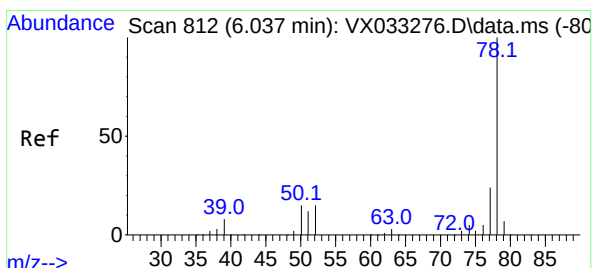
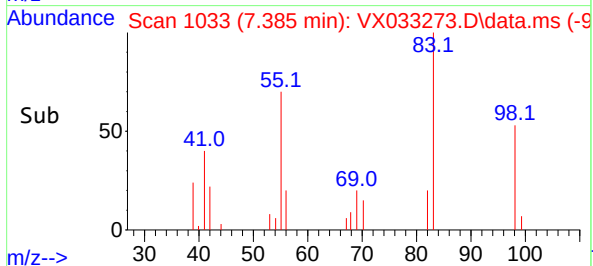
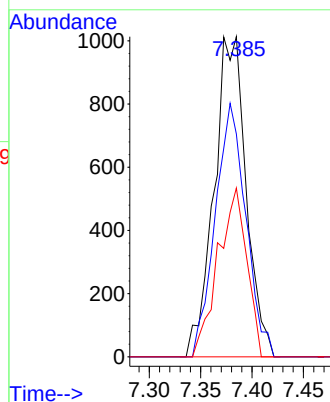
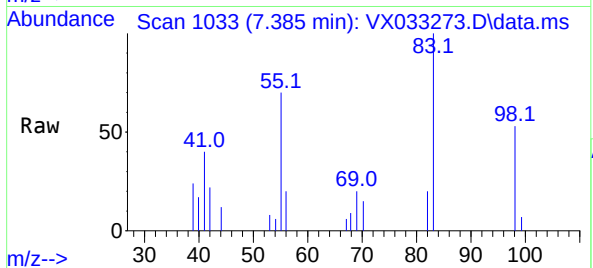
Tgt Ion: 83 Resp: 2200

Ion Ratio Lower Upper

83 100

55 69.6 58.4 87.6

98 52.7 37.2 55.8



#40

Benzene

Concen: 0.922 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX033273.D

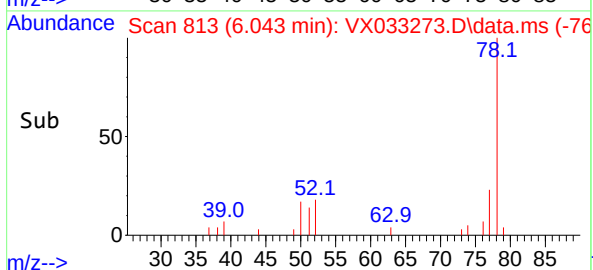
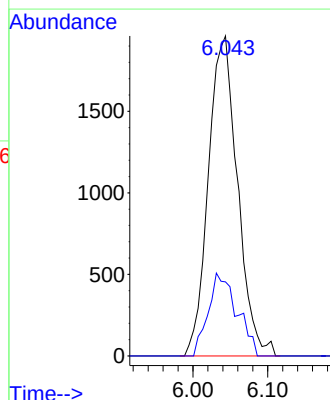
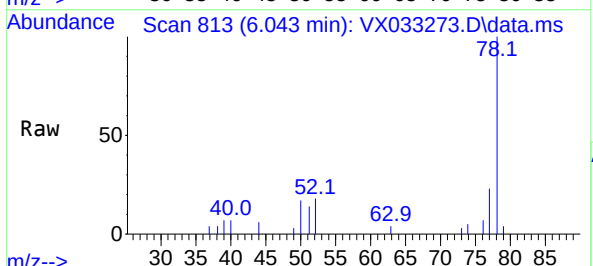
Acq: 07 Dec 2022 09:46

Tgt Ion: 78 Resp: 5324

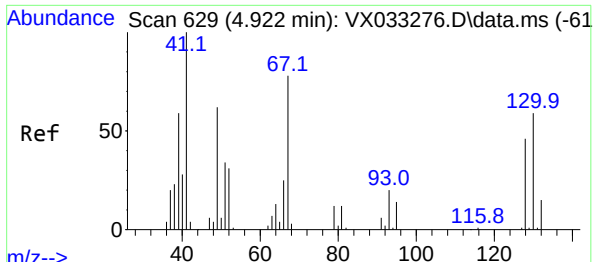
Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4





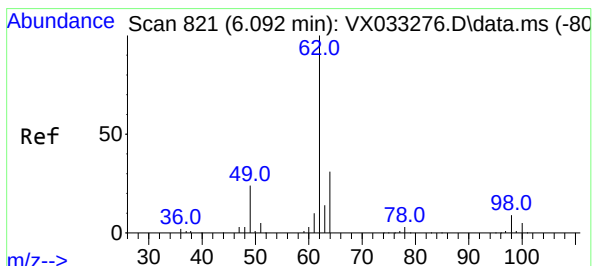
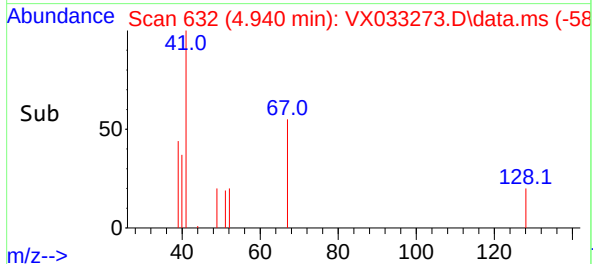
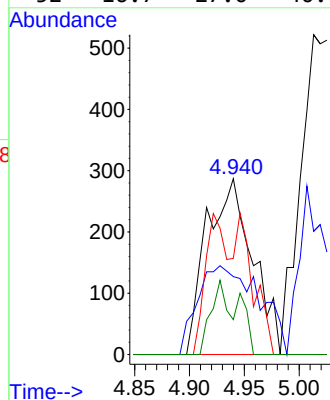
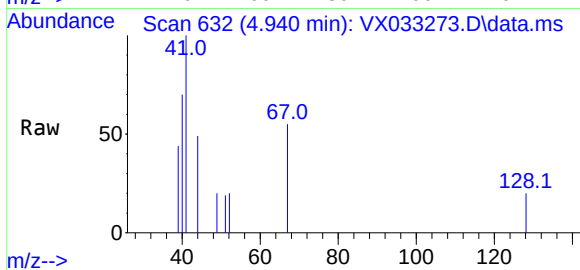


#41  
Methacrylonitrile  
Concen: 0.811 ug/l  
RT: 4.940 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 41 Resp: 836

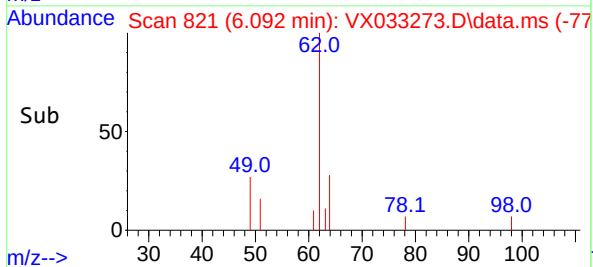
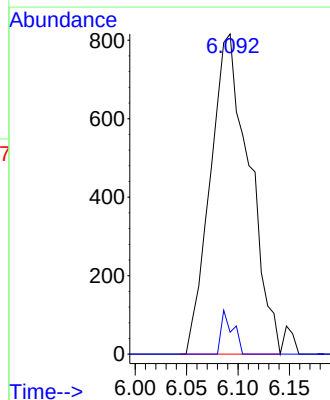
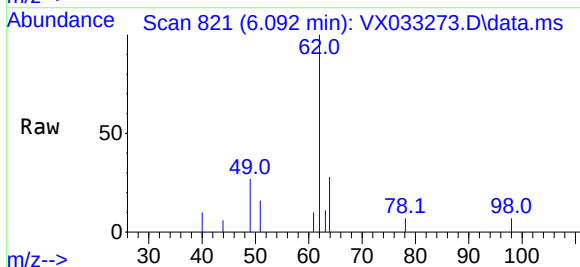
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 67.6  | 47.5  | 71.3  |
| 67  | 35.8  | 60.5  | 90.7# |
| 52  | 16.7  | 27.0  | 40.6# |

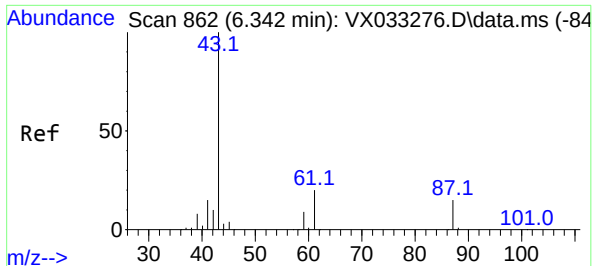


#42  
1,2-Dichloroethane  
Concen: 0.936 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 62 Resp: 2147

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 4.1   | 0.0   | 16.0  |

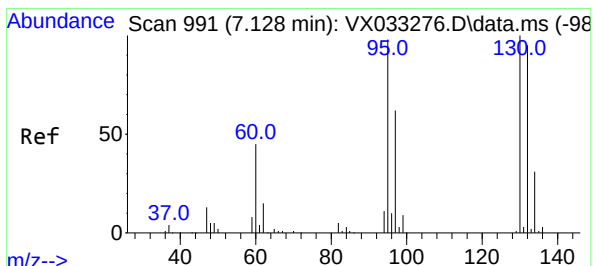
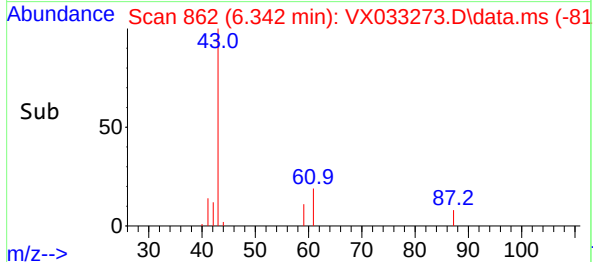
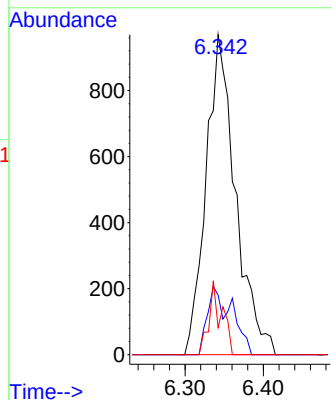
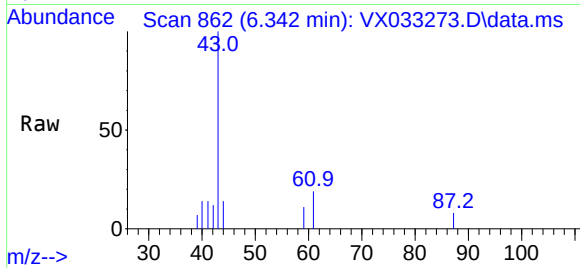




#43  
Isopropyl Acetate  
Concen: 0.841 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

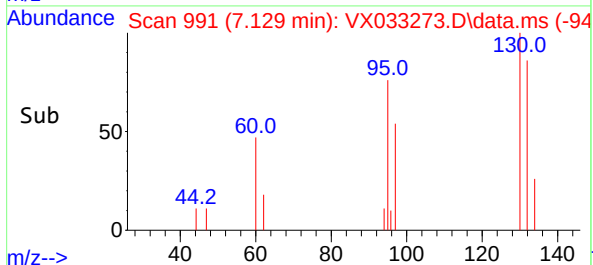
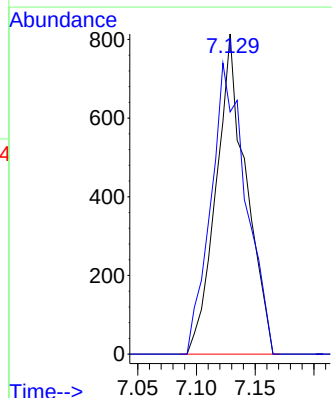
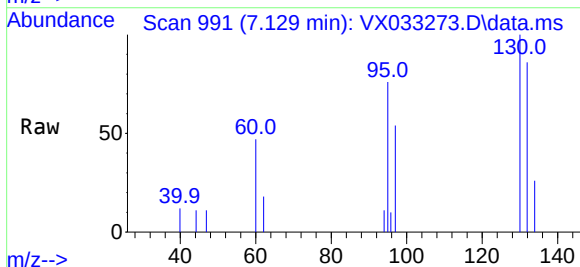
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

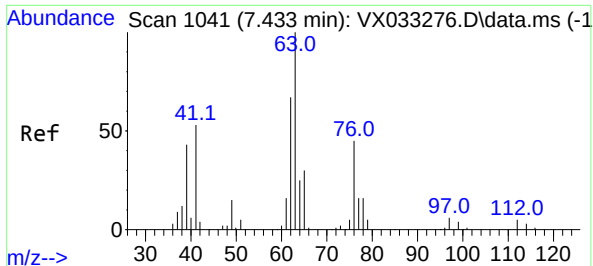
Tgt Ion: 43 Resp: 2534  
Ion Ratio Lower Upper  
43 100  
61 17.6 15.4 23.0  
87 10.0 10.8 16.2#



#44  
Trichloroethene  
Concen: 0.910 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion:130 Resp: 1448  
Ion Ratio Lower Upper  
130 100  
95 75.7 0.0 195.2





#45

1,2-Dichloropropane

Concen: 0.918 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

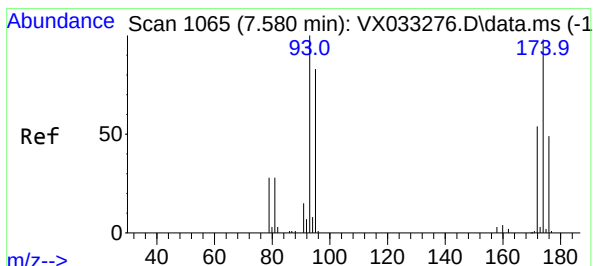
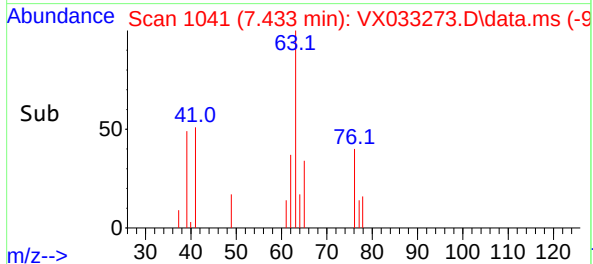
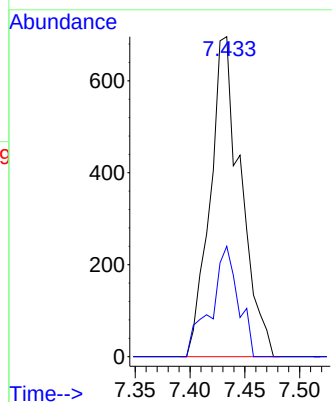
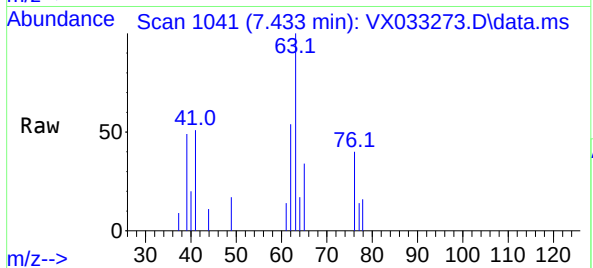
VSTDIC001

Tgt Ion: 63 Resp: 1355

Ion Ratio Lower Upper

63 100

65 34.5 24.6 36.8



#46

Dibromomethane

Concen: 0.909 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

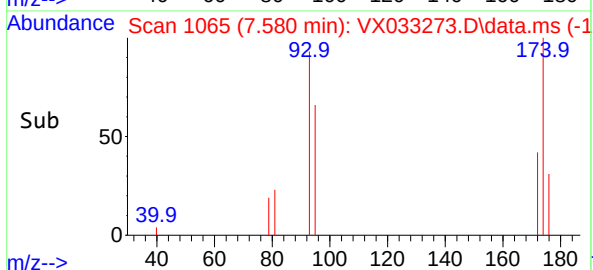
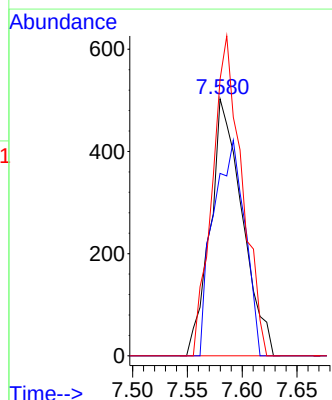
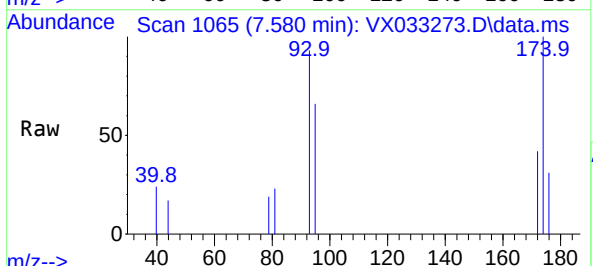
Tgt Ion: 93 Resp: 1022

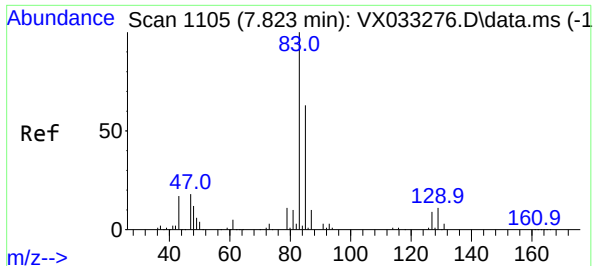
Ion Ratio Lower Upper

93 100

95 82.4 65.8 98.8

174 115.3 79.8 119.6

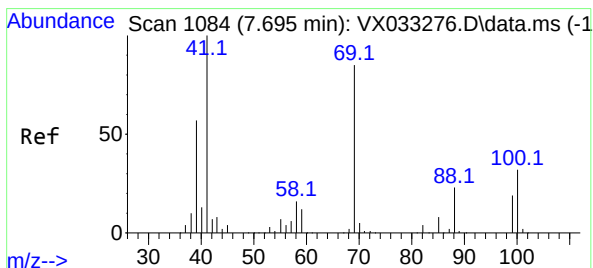
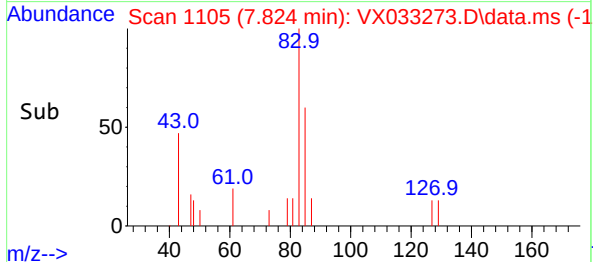
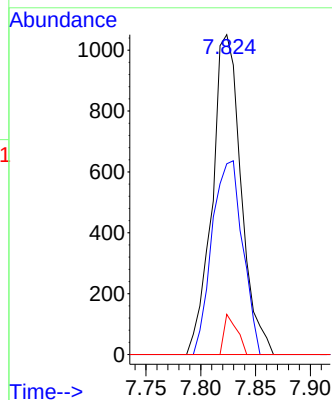
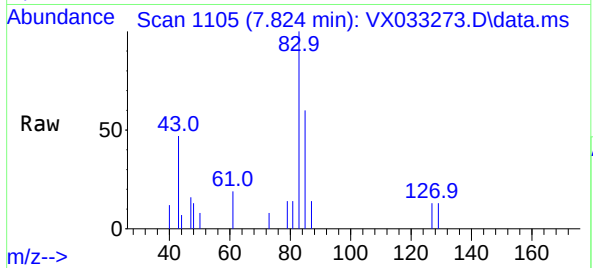




#47  
Bromodichloromethane  
Concen: 0.882 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

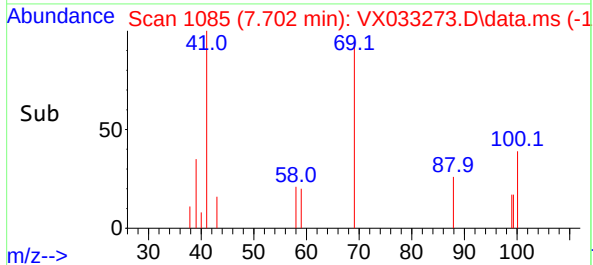
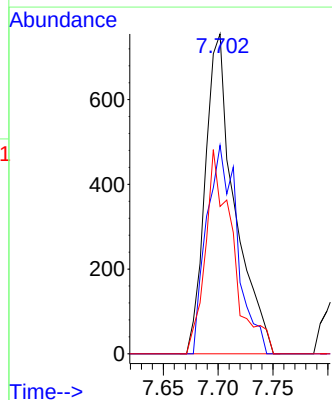
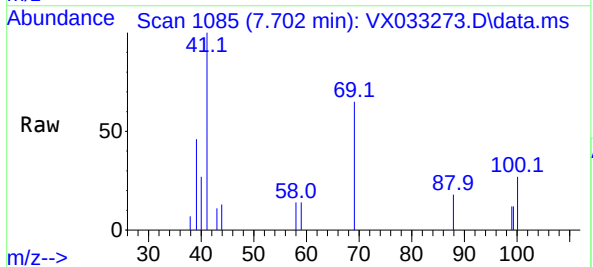
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

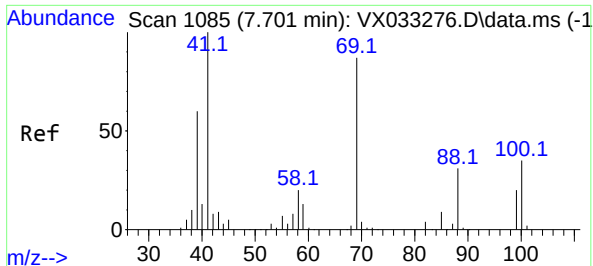
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 1934     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 59.7 52.2 78.4 |
| 127         | 12.6 7.4 11.2# |



#48  
Methyl methacrylate  
Concen: 0.902 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

|             |                |
|-------------|----------------|
| Tgt Ion: 41 | Resp: 1402     |
| Ion Ratio   | Lower Upper    |
| 41          | 100            |
| 69          | 68.5 65.1 97.7 |
| 39          | 59.7 51.9 77.9 |





#49

1,4-Dioxane

Concen: 12.386 ug/l

RT: 7.714 min Scan# 1085

Delta R.T. 0.012 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

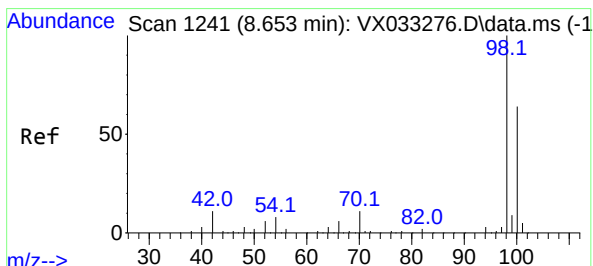
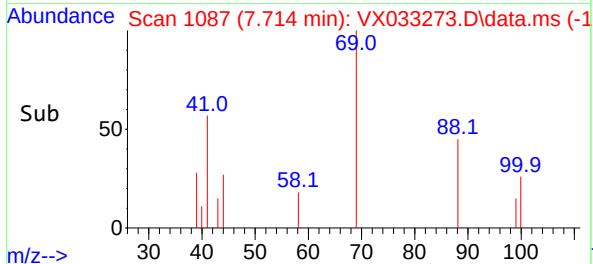
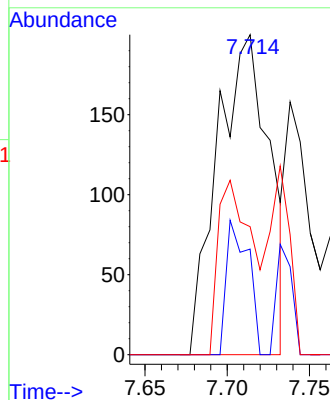
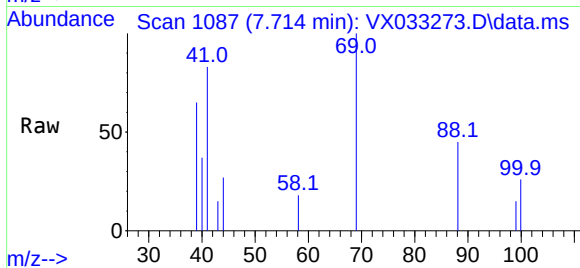
Tgt Ion: 88 Resp: 439

Ion Ratio Lower Upper

88 100

43 17.8 26.6 39.8#

58 34.9 51.7 77.5#



#50

Toluene-d8

Concen: 1.542 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033273.D

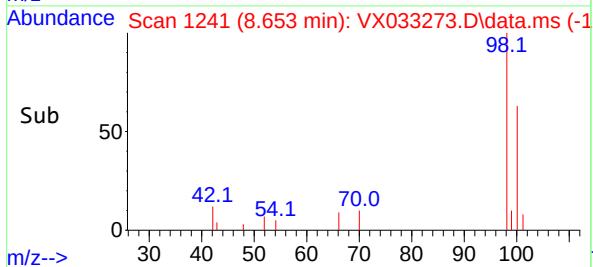
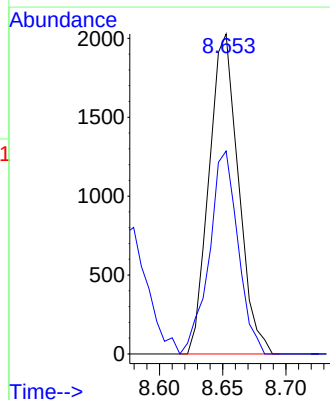
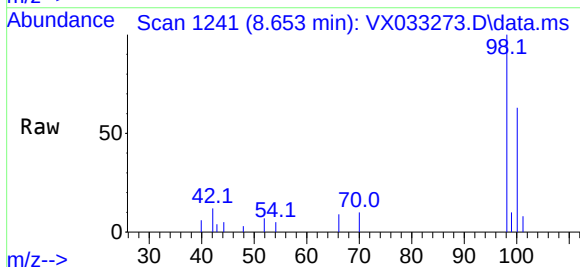
Acq: 07 Dec 2022 09:46

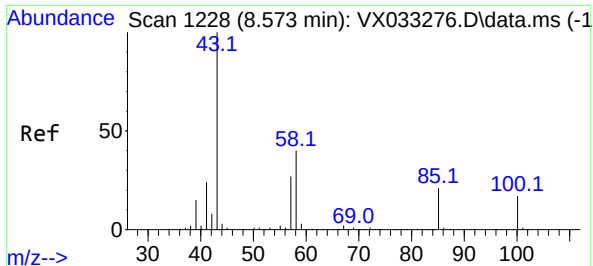
Tgt Ion: 98 Resp: 3277

Ion Ratio Lower Upper

98 100

100 62.0 50.9 76.3

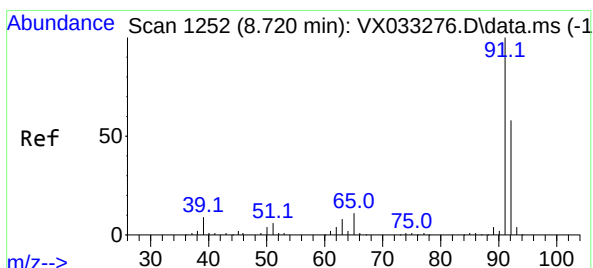
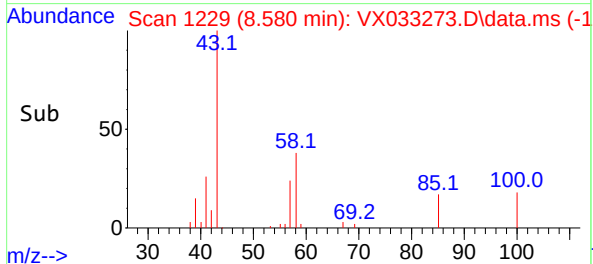
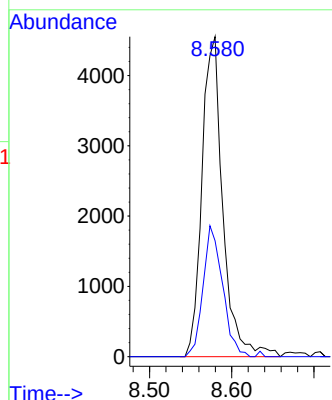
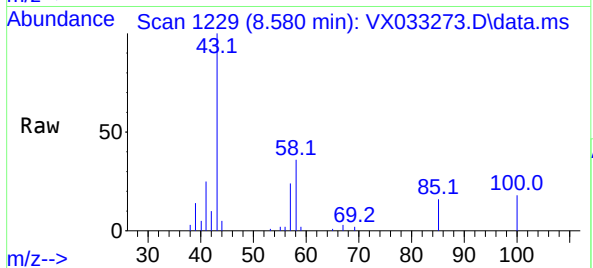




#51  
4-Methyl-2-Pentanone  
Concen: 4.216 ug/l  
RT: 8.580 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

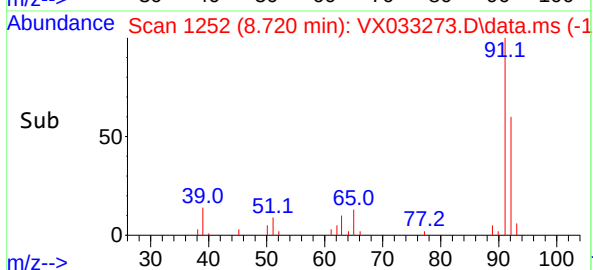
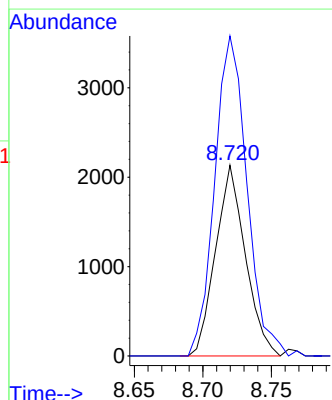
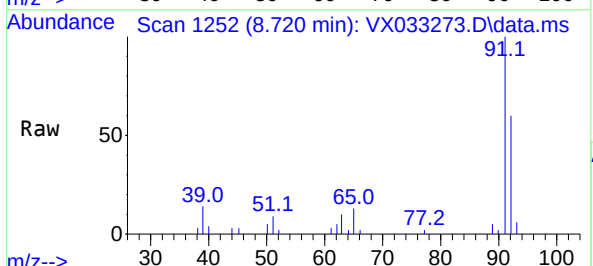
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

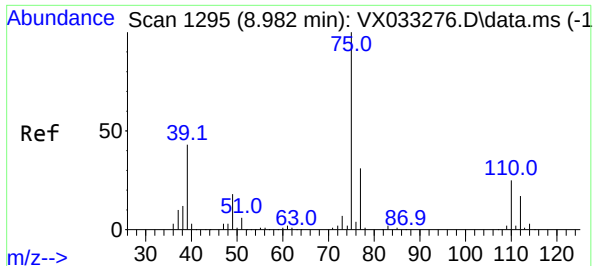
Tgt Ion: 43 Resp: 8030  
Ion Ratio Lower Upper  
43 100  
58 38.2 30.9 46.3



#52  
Toluene  
Concen: 0.866 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 92 Resp: 3231  
Ion Ratio Lower Upper  
92 100  
91 181.7 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 3.208 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

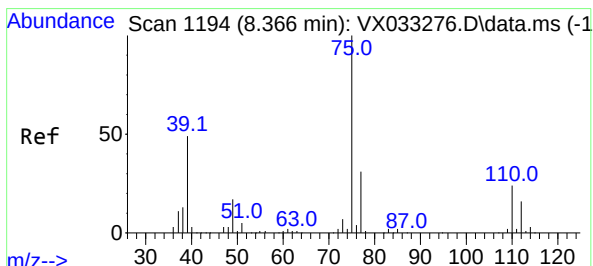
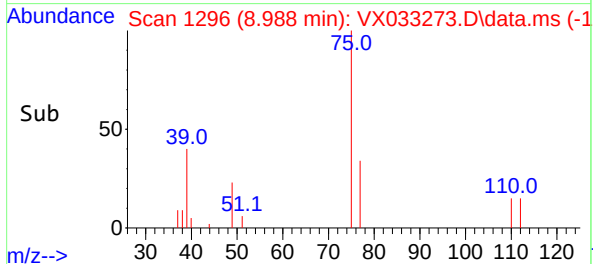
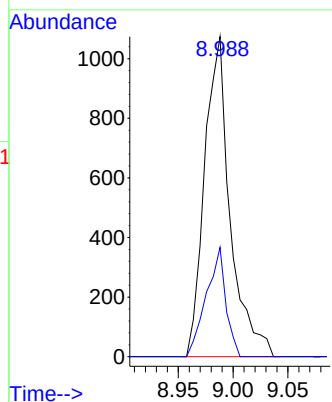
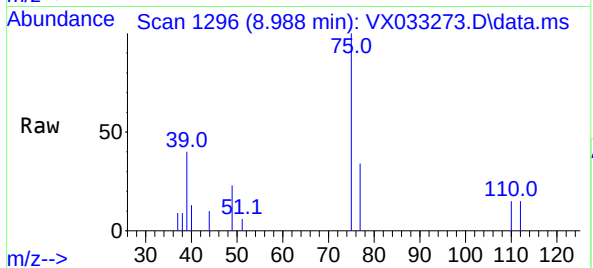
VSTDICC001

Tgt Ion: 75 Resp: 1741

Ion Ratio Lower Upper

75 100

77 34.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 0.811 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

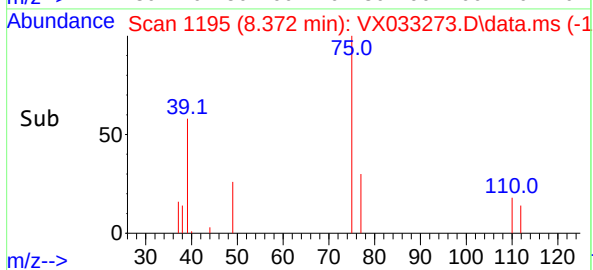
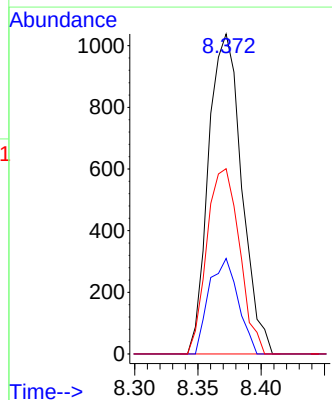
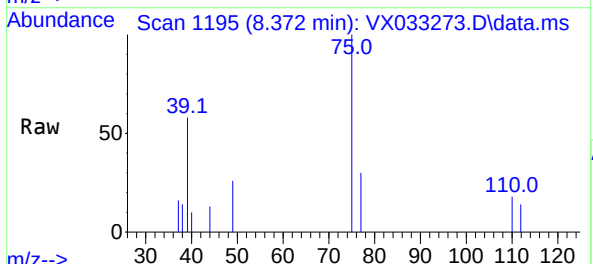
Tgt Ion: 75 Resp: 1891

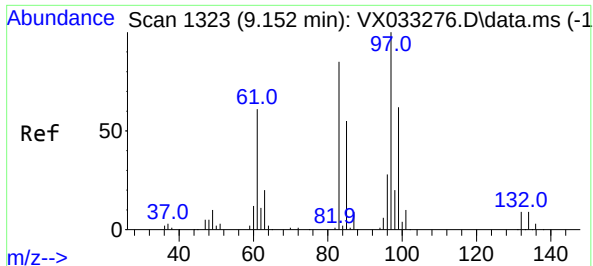
Ion Ratio Lower Upper

75 100

77 29.9 25.1 37.7

39 57.9 45.5 68.3



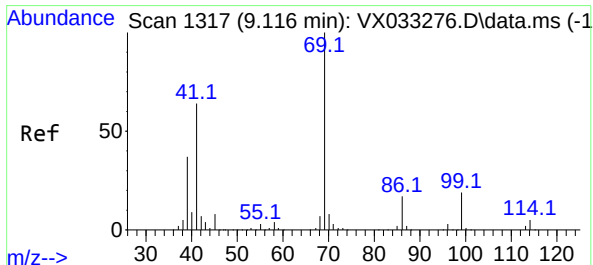
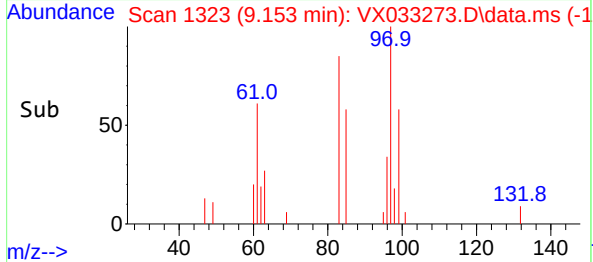
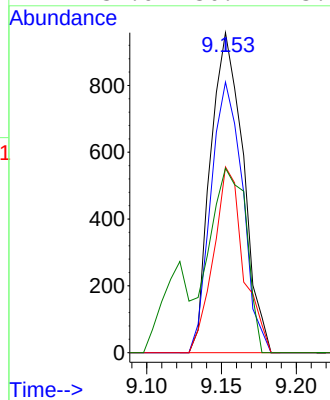
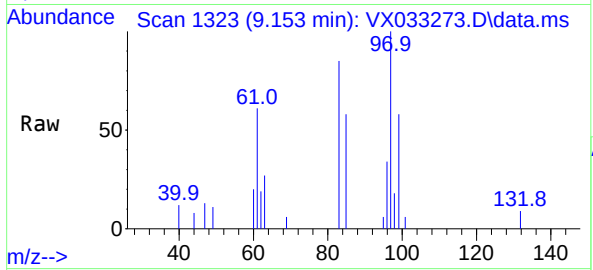


#55  
1,1,2-Trichloroethane  
Concen: 0.928 ug/l  
RT: 9.153 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 97 Resp: 1456

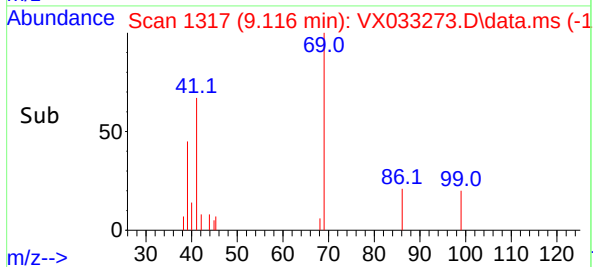
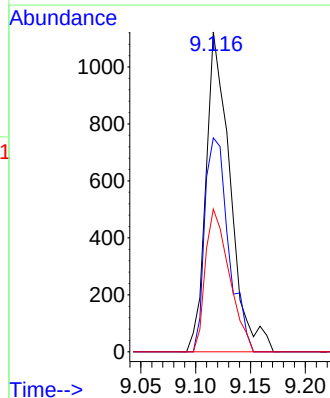
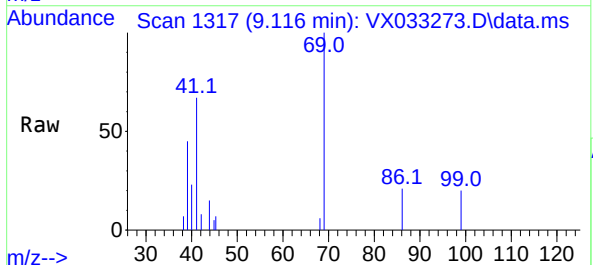
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.6  | 68.1  | 102.1 |
| 85  | 58.0  | 43.3  | 64.9  |
| 99  | 57.6  | 50.4  | 75.6  |



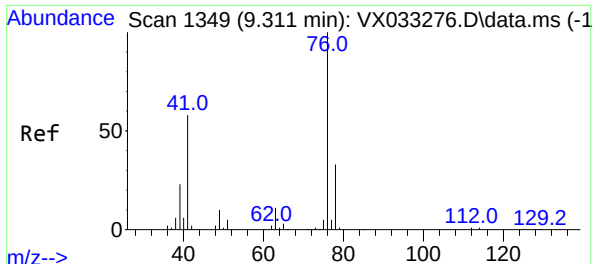
#56  
Ethyl methacrylate  
Concen: 0.779 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 69 Resp: 1720

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 66.0  | 54.3  | 81.5  |
| 39  | 44.1  | 35.2  | 52.8  |



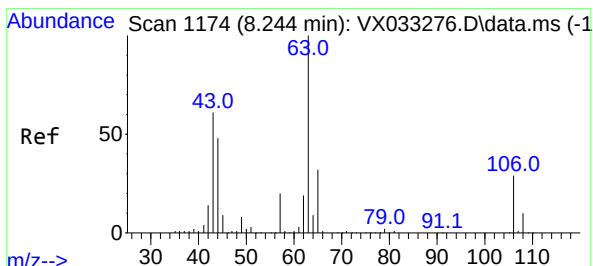
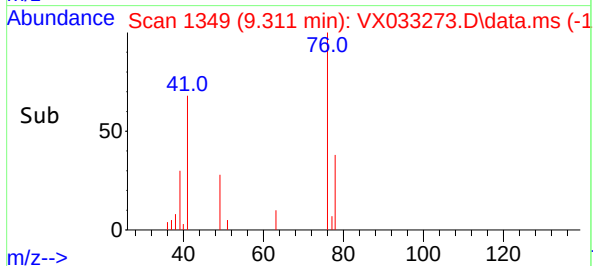
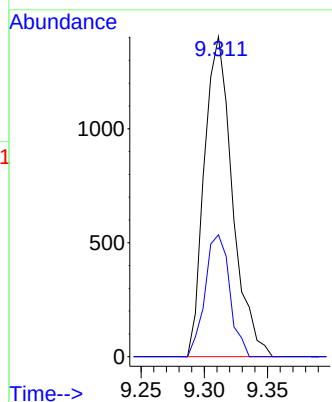
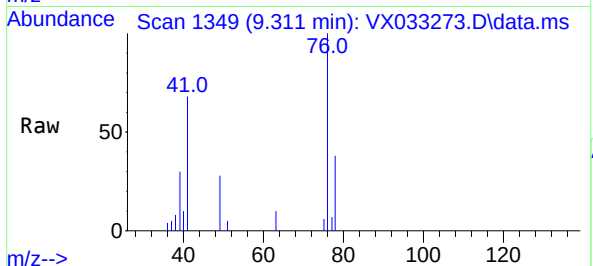




#57  
1,3-Dichloropropane  
Concen: 0.862 ug/l  
RT: 9.311 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

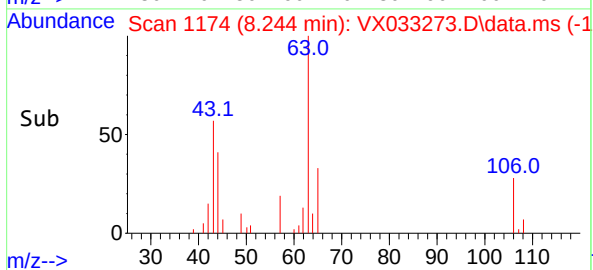
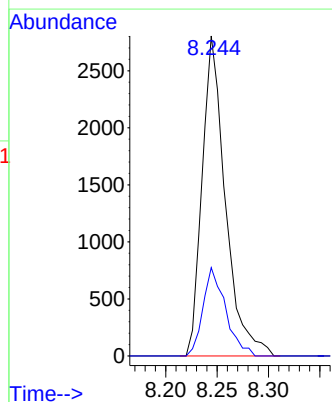
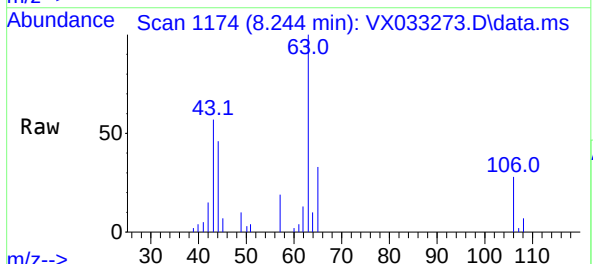
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

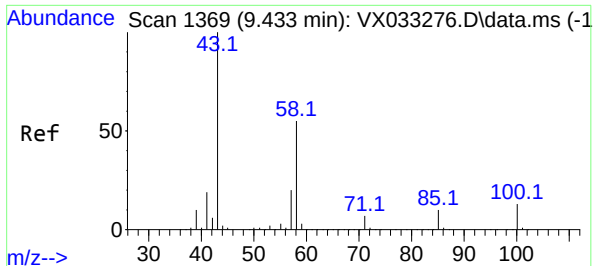
Tgt Ion: 76 Resp: 2174  
Ion Ratio Lower Upper  
76 100  
78 33.3 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 4.373 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 63 Resp: 4421  
Ion Ratio Lower Upper  
63 100  
106 26.8 23.3 34.9





#59

2-Hexanone

Concen: 4.236 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

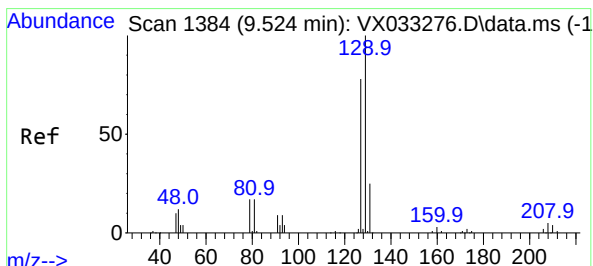
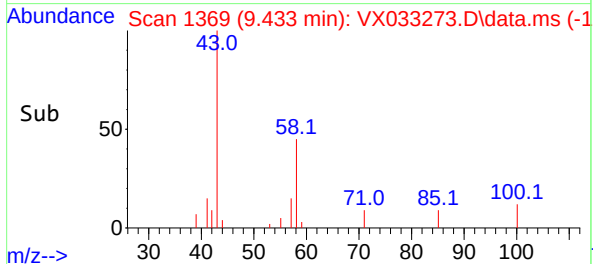
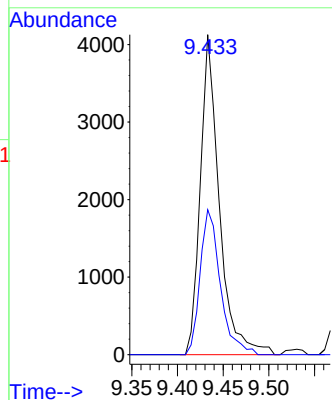
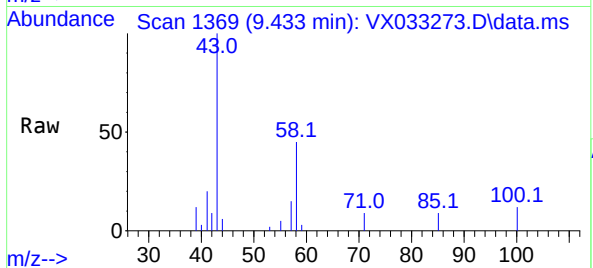
VSTDIC001

Tgt Ion: 43 Resp: 5946

Ion Ratio Lower Upper

43 100

58 48.4 26.5 79.5



#60

Dibromochloromethane

Concen: 0.798 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033273.D

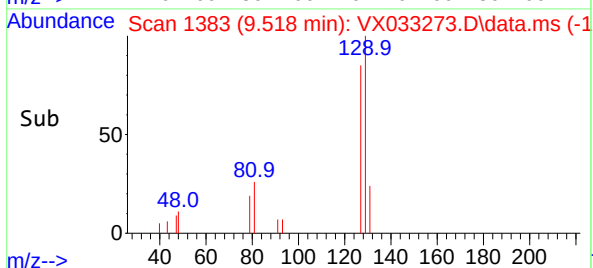
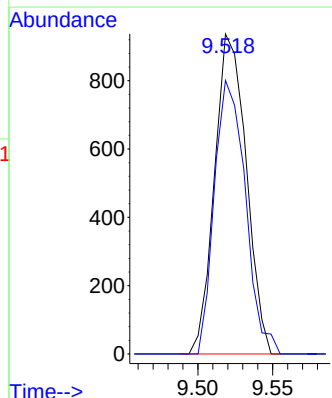
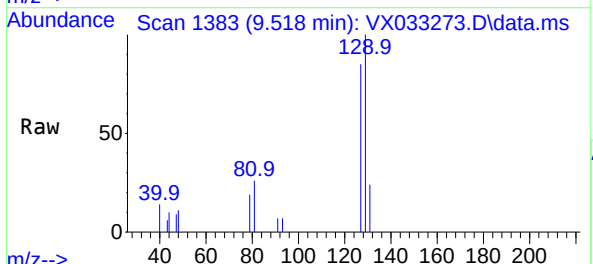
Acq: 07 Dec 2022 09:46

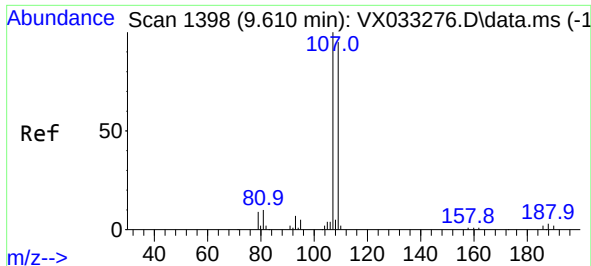
Tgt Ion: 129 Resp: 1379

Ion Ratio Lower Upper

129 100

127 83.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.830 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

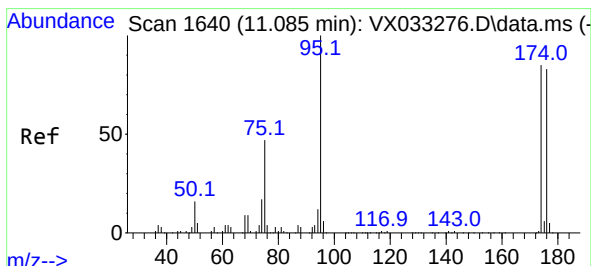
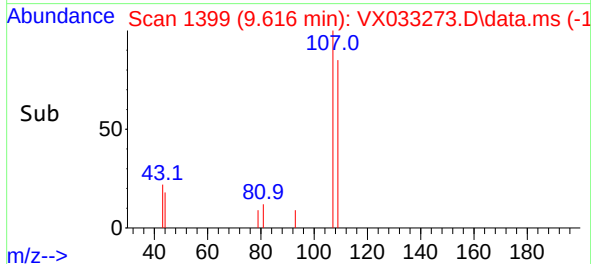
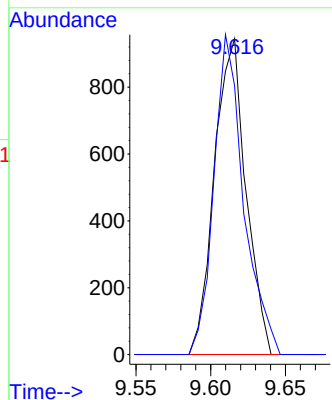
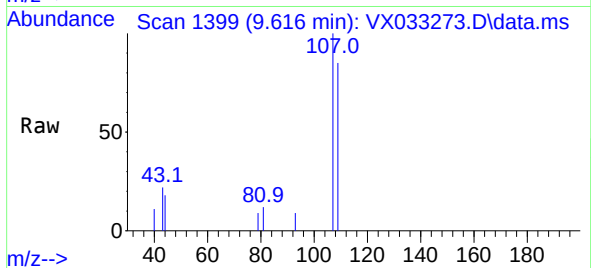
VSTDIC001

Tgt Ion:107 Resp: 1386

Ion Ratio Lower Upper

107 100

109 95.6 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 1.125 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

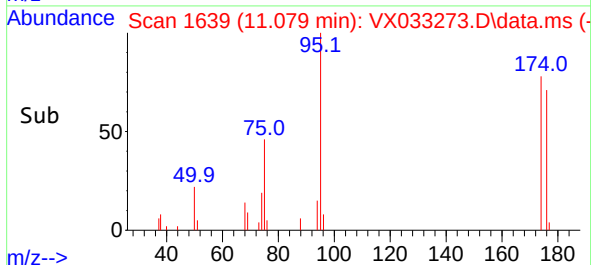
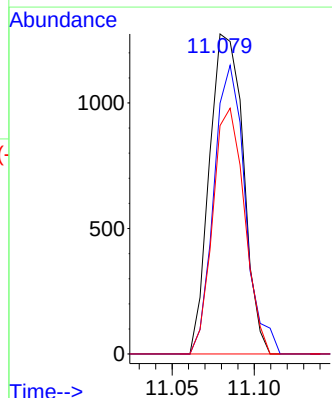
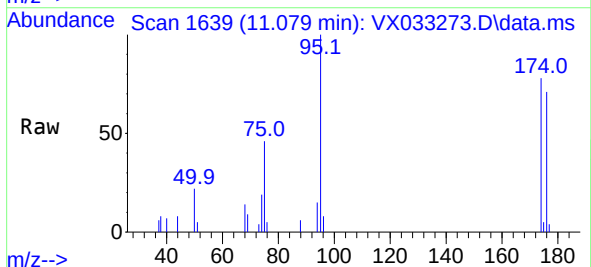
Tgt Ion: 95 Resp: 1827

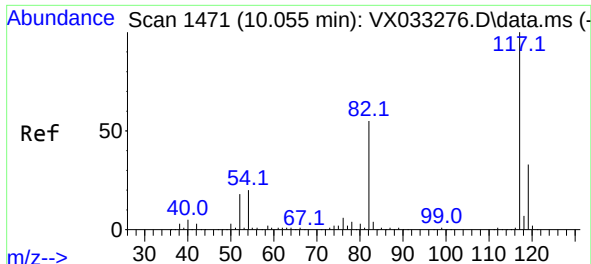
Ion Ratio Lower Upper

95 100

174 83.4 0.0 164.0

176 72.1 0.0 154.4

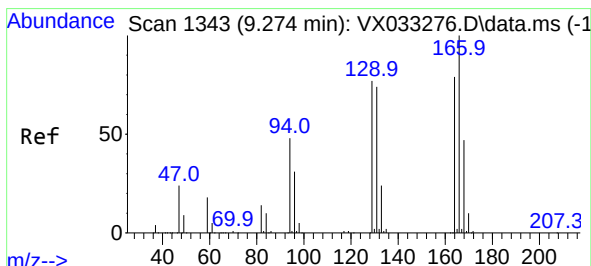
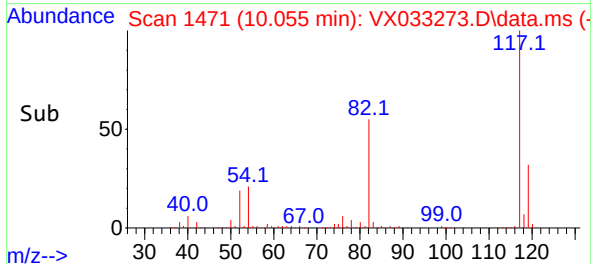
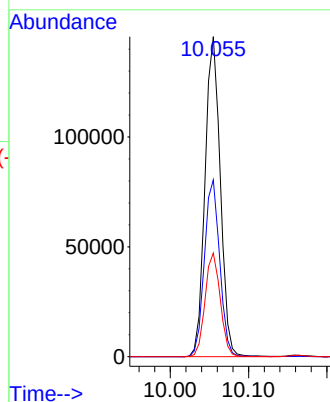
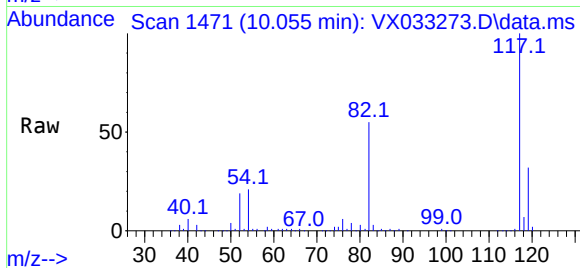




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

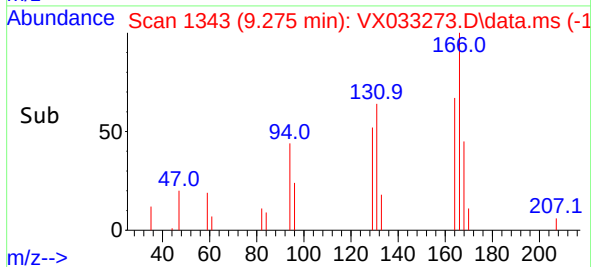
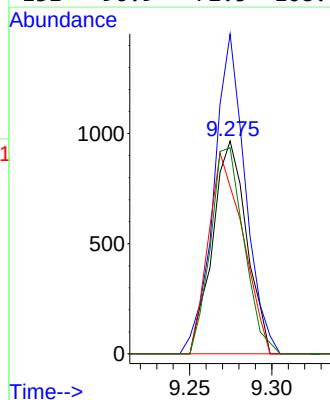
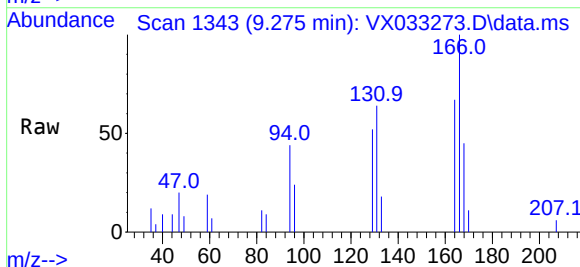
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

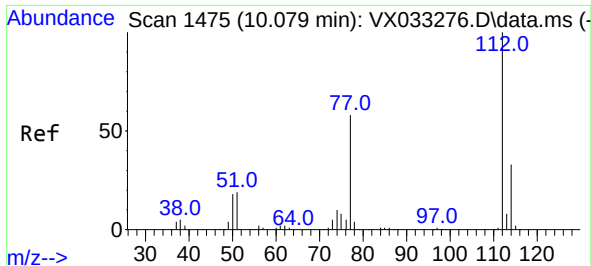
Tgt Ion:117 Resp: 197000  
Ion Ratio Lower Upper  
117 100  
82 55.3 44.3 66.5  
119 32.4 25.7 38.5



#64  
Tetrachloroethene  
Concen: 1.029 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion:164 Resp: 1386  
Ion Ratio Lower Upper  
164 100  
166 150.3 105.4 158.2  
129 78.6 78.2 117.2  
131 96.9 72.5 108.7

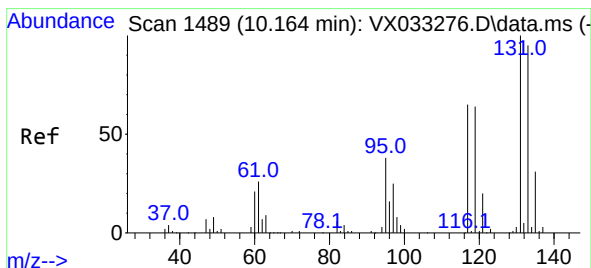
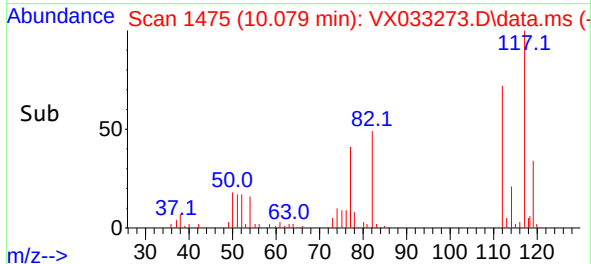
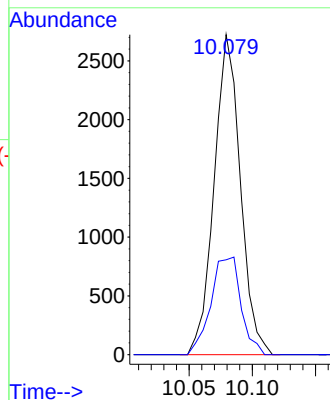
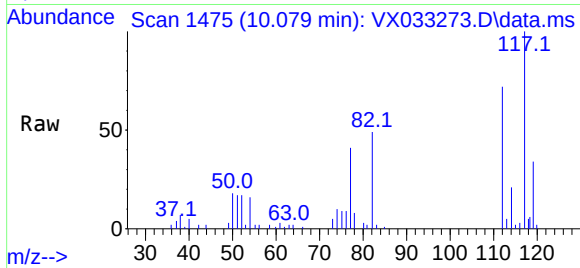




#65  
Chlorobenzene  
Concen: 0.983 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

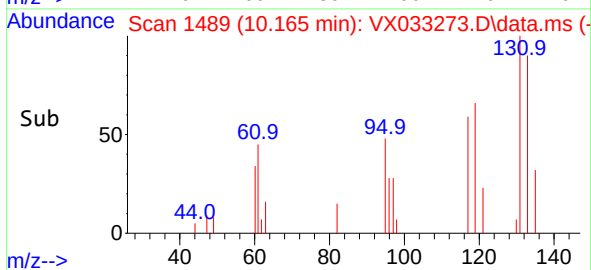
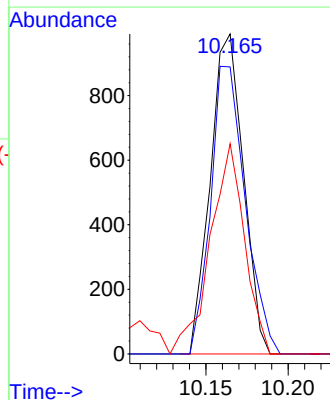
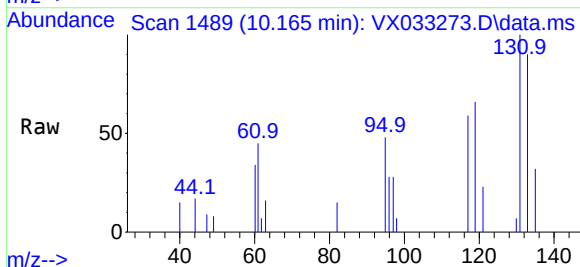
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

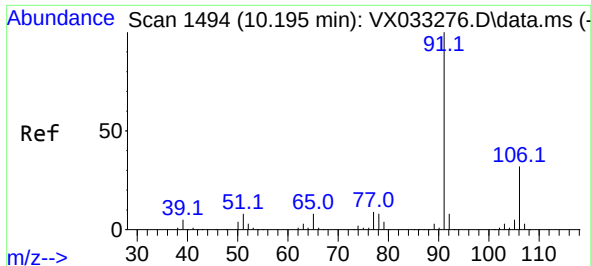
Tgt Ion:112 Resp: 3922  
Ion Ratio Lower Upper  
112 100  
114 29.6 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.919 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion:131 Resp: 1386  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.6 142.9  
119 0.0 32.4 97.0#





#67

Ethyl Benzene

Concen: 0.918 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

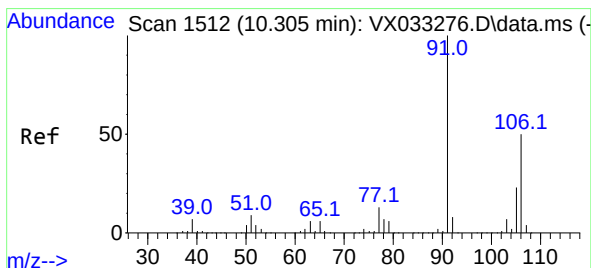
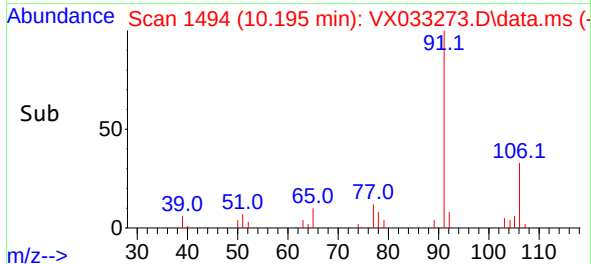
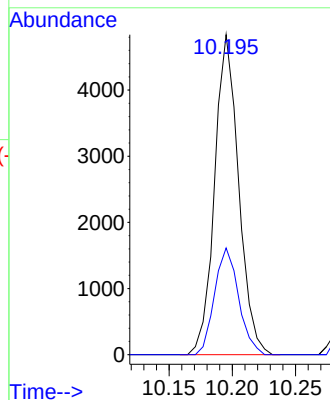
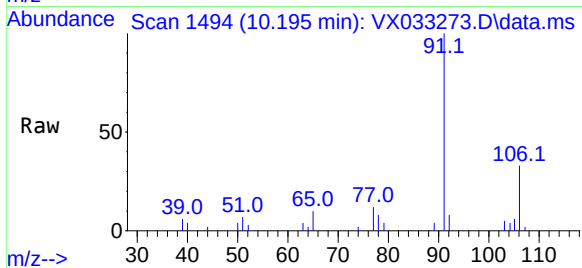
VSTDICC001

Tgt Ion: 91 Resp: 6381

Ion Ratio Lower Upper

91 100

106 33.4 25.0 37.6



#68

m/p-Xylenes

Concen: 1.836 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX033273.D

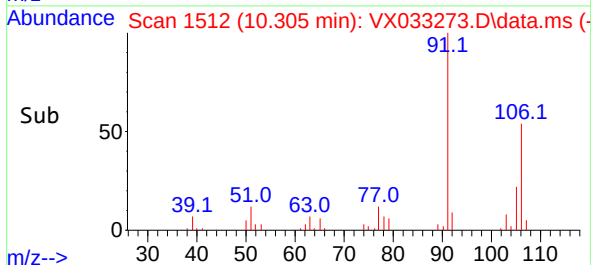
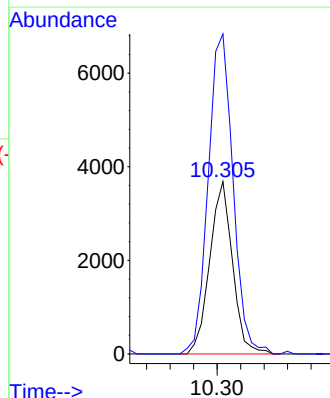
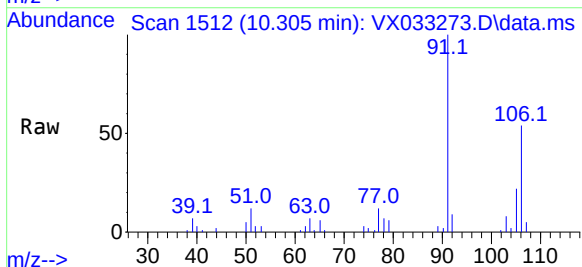
Acq: 07 Dec 2022 09:46

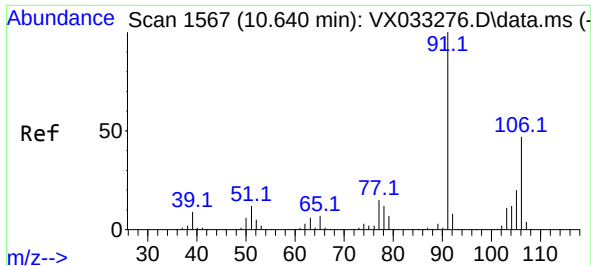
Tgt Ion:106 Resp: 4964

Ion Ratio Lower Upper

106 100

91 202.0 164.5 246.7

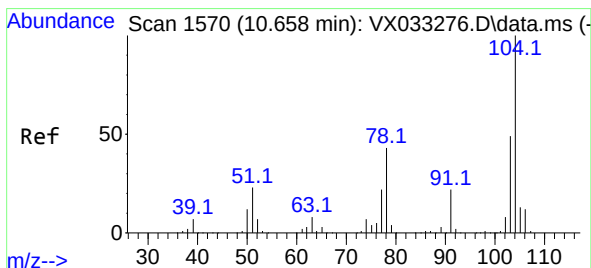
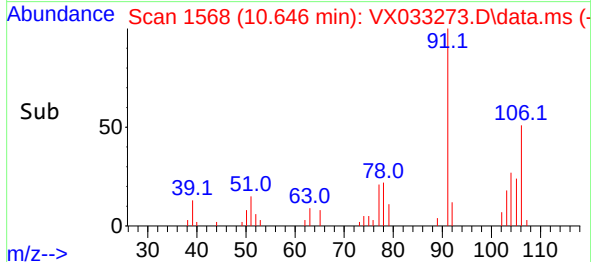
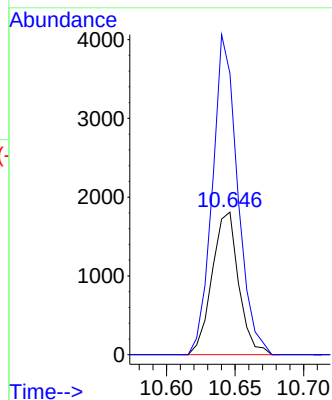
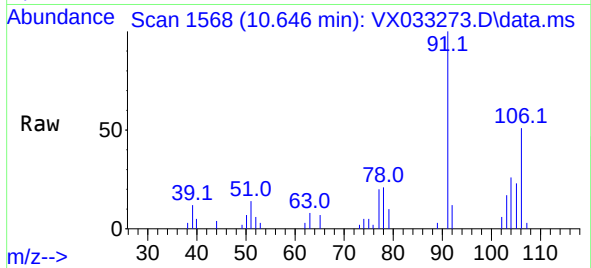




#69  
o-Xylene  
Concen: 0.913 ug/l  
RT: 10.646 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

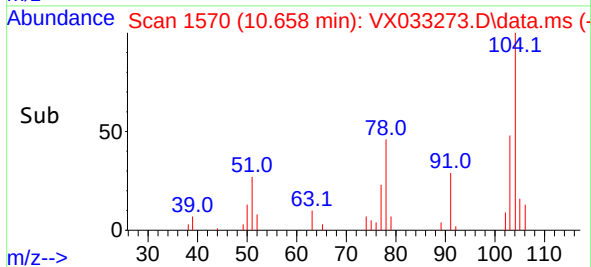
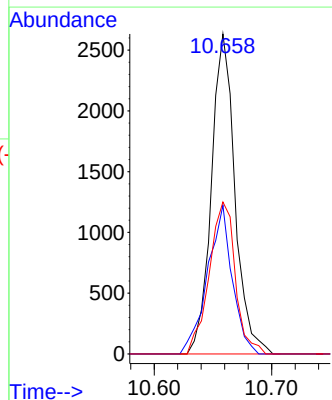
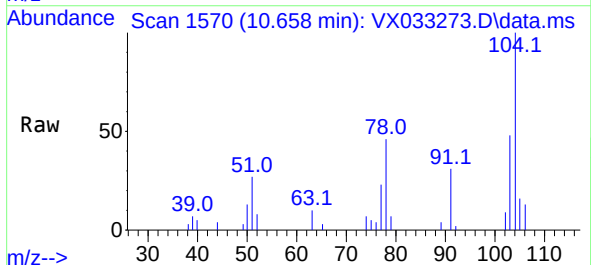
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

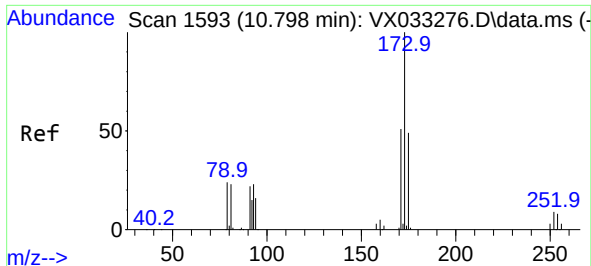
Tgt Ion:106 Resp: 2441  
Ion Ratio Lower Upper  
106 100  
91 213.0 109.2 327.6



#70  
Styrene  
Concen: 0.838 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion:104 Resp: 3668  
Ion Ratio Lower Upper  
104 100  
78 48.7 41.8 62.8  
103 52.5 44.5 66.7

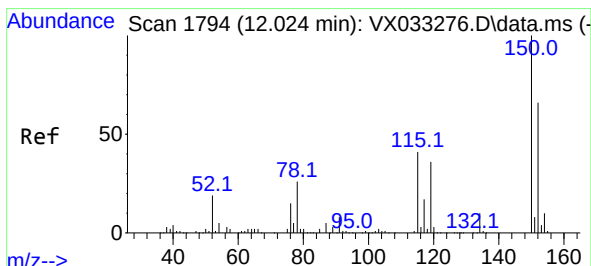
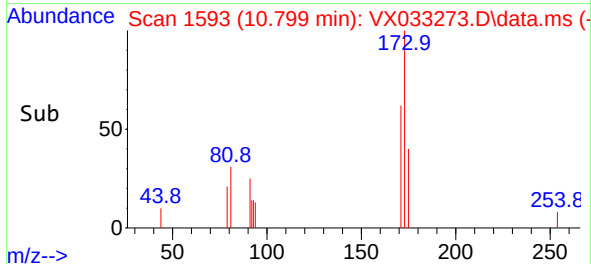
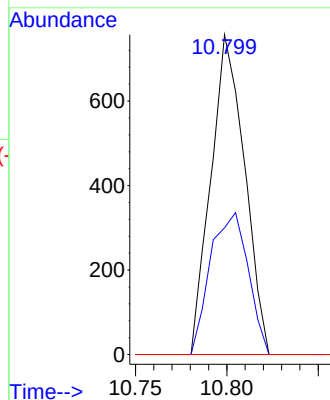
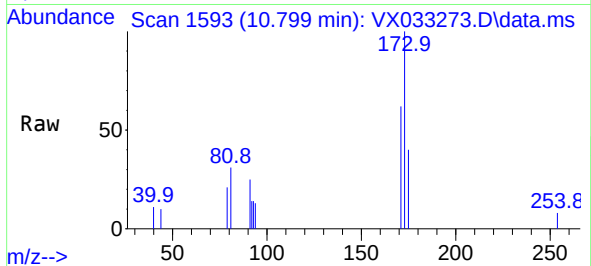




#71  
Bromoform  
Concen: 0.814 ug/l  
RT: 10.799 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

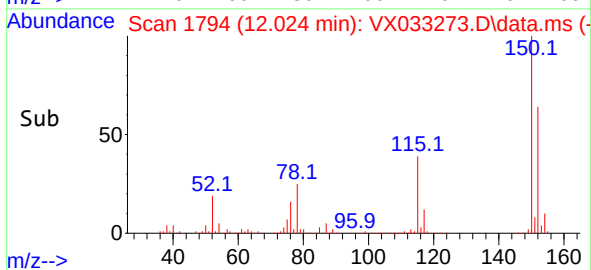
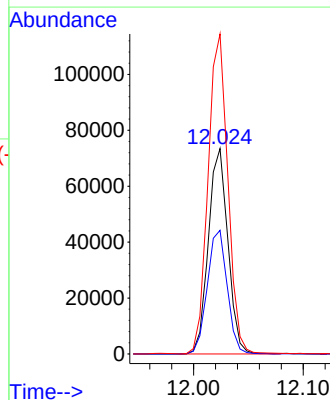
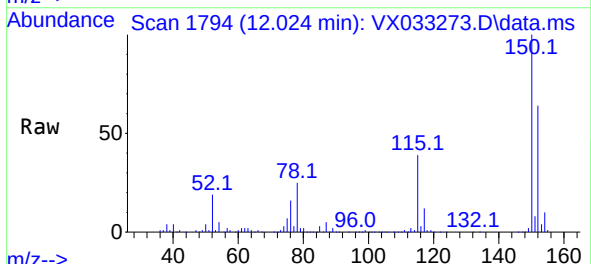
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:173 Resp: 971  
Ion Ratio Lower Upper  
173 100  
175 49.8 23.9 71.8  
254 0.0 0.0 0.0

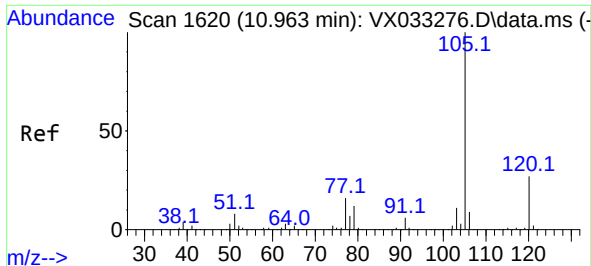


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion:152 Resp: 90814  
Ion Ratio Lower Upper  
152 100  
115 61.3 44.0 132.0  
150 158.4 0.0 351.8



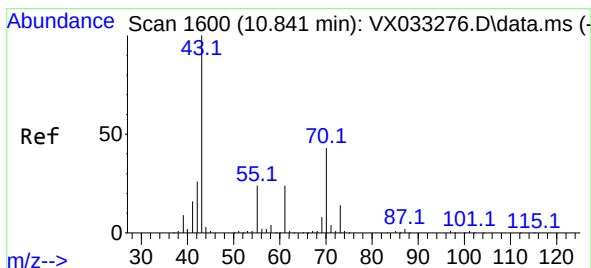
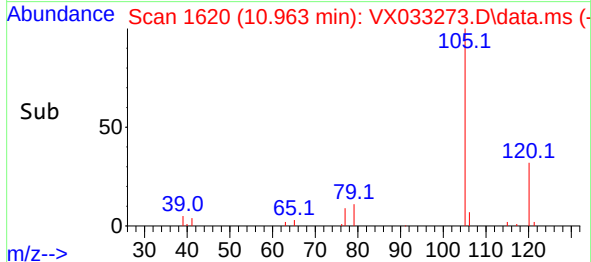
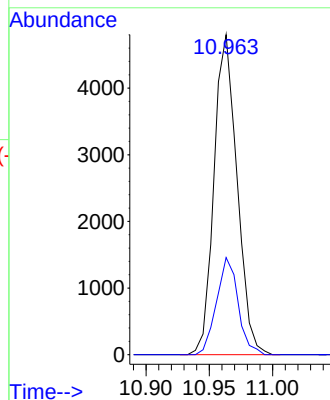
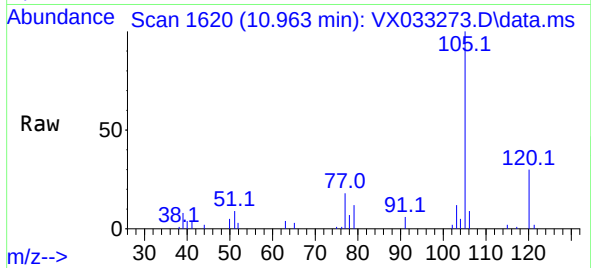




#73  
Isopropylbenzene  
Concen: 0.923 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

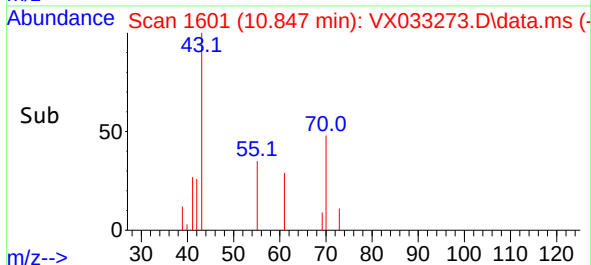
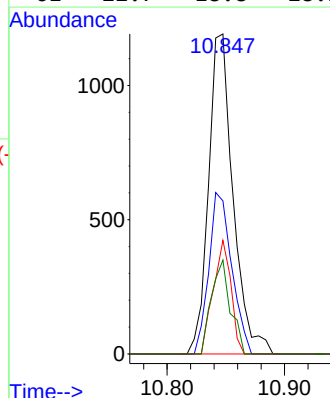
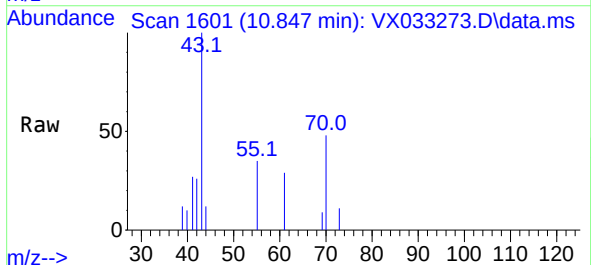
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

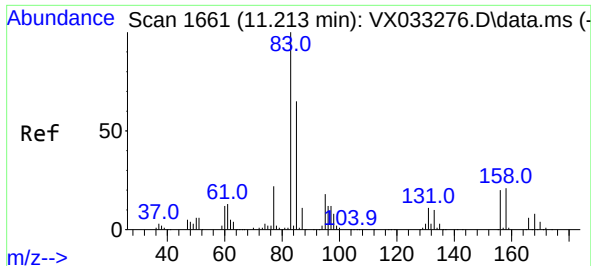
Tgt Ion:105 Resp: 6074  
Ion Ratio Lower Upper  
105 100  
120 28.4 13.1 39.3



#74  
N-ethyl acetate  
Concen: 0.771 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 43 Resp: 1731  
Ion Ratio Lower Upper  
43 100  
70 46.9 33.6 50.4  
55 25.6 19.4 29.2  
61 22.7 18.8 28.2

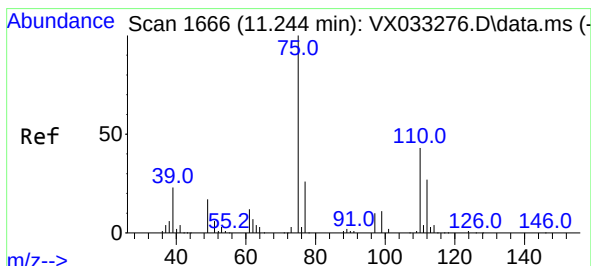
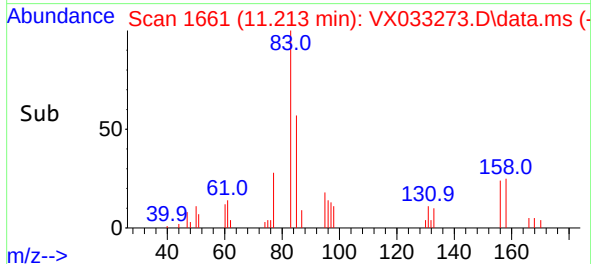
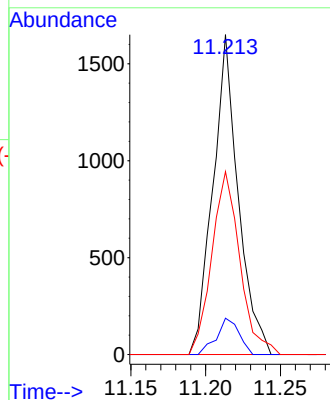
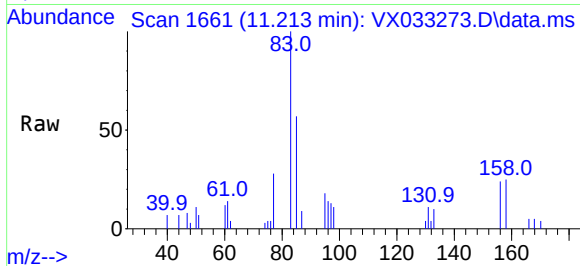




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.930 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

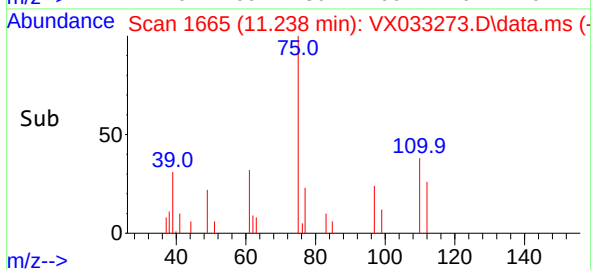
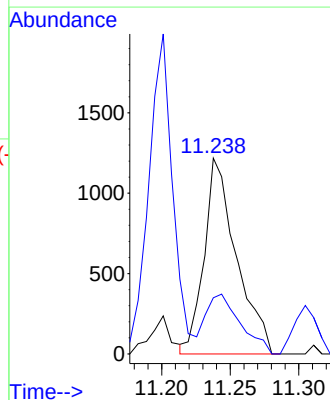
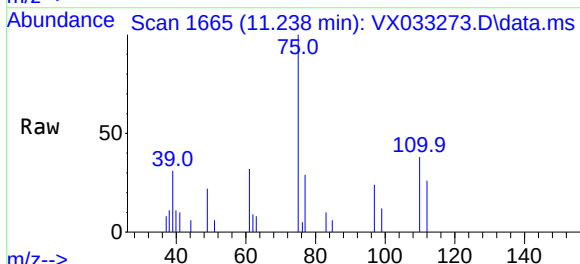
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

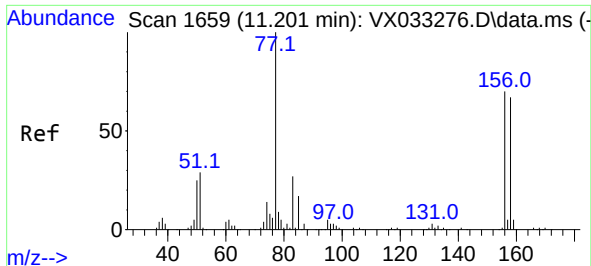
Tgt Ion: 83 Resp: 1942  
 Ion Ratio Lower Upper  
 83 100  
 131 10.1 5.4 16.2  
 85 63.4 31.9 95.9



#76  
 1,2,3-Trichloropropane  
 Concen: 1.079 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.006 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

Tgt Ion: 75 Resp: 1993  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 20.0 60.0

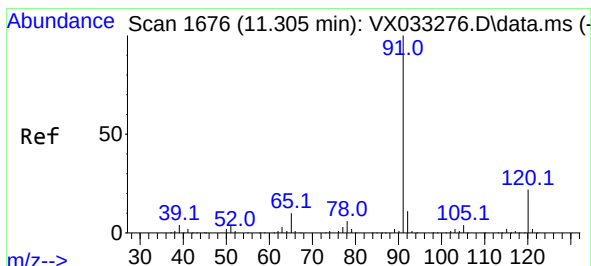
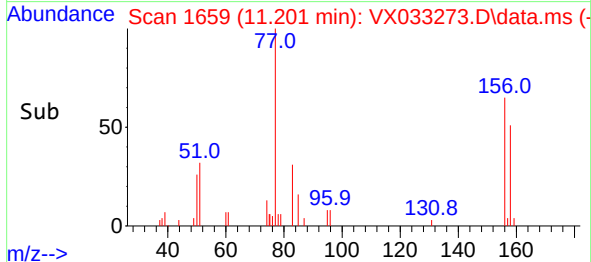
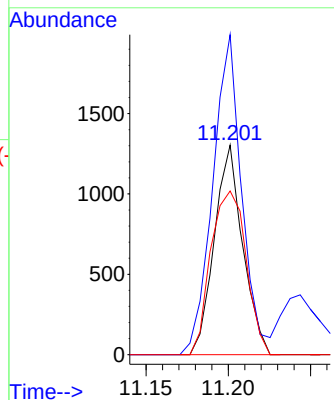
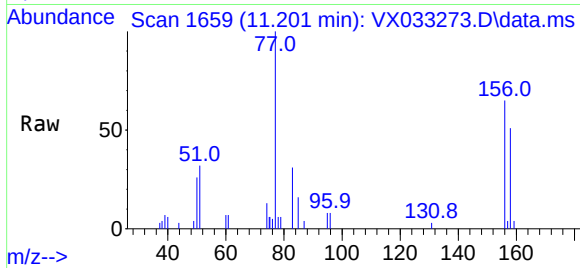




#77  
Bromobenzene  
Concen: 0.942 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

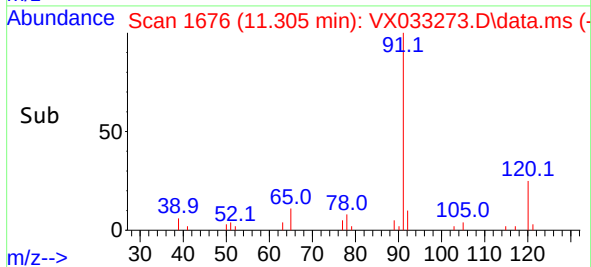
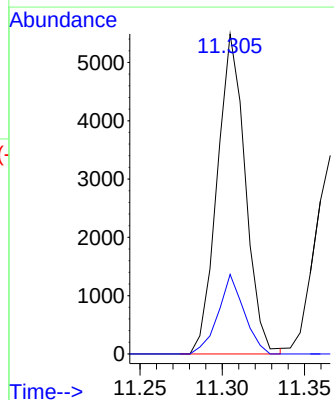
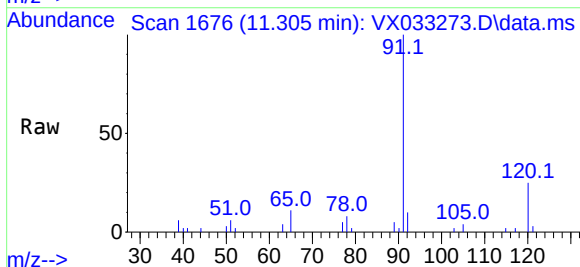
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

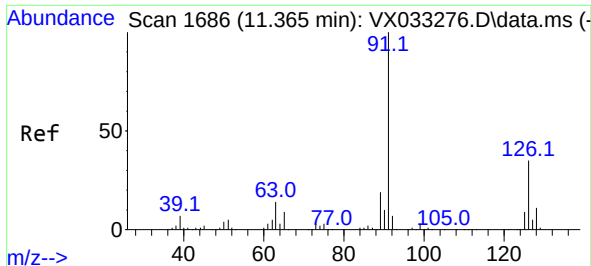
Tgt Ion:156 Resp: 1565  
Ion Ratio Lower Upper  
156 100  
77 155.7 76.1 228.4  
158 97.1 48.8 146.3



#78  
n-propylbenzene  
Concen: 0.888 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 91 Resp: 6530  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.958 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

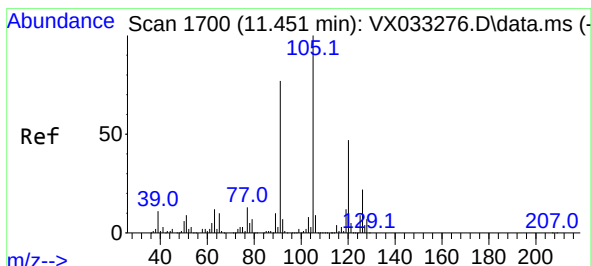
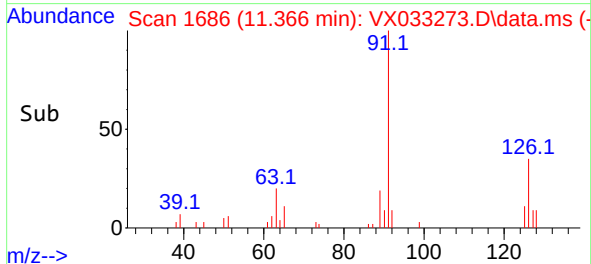
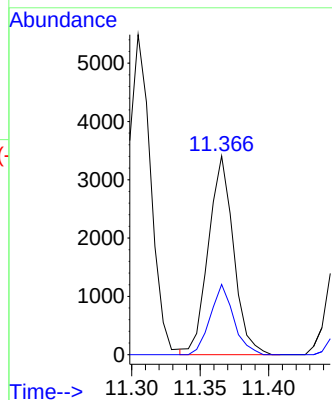
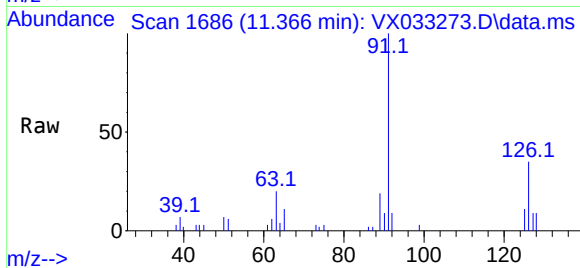
VSTDICC001

Tgt Ion: 91 Resp: 4350

Ion Ratio Lower Upper

91 100

126 32.9 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 0.888 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033273.D

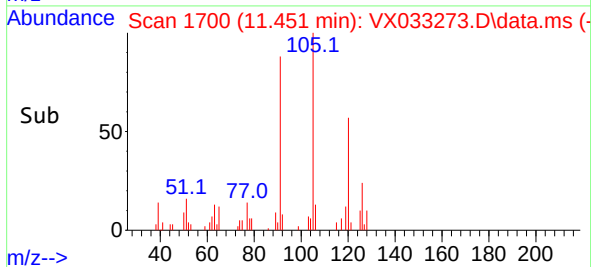
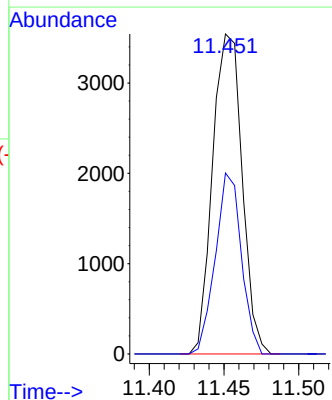
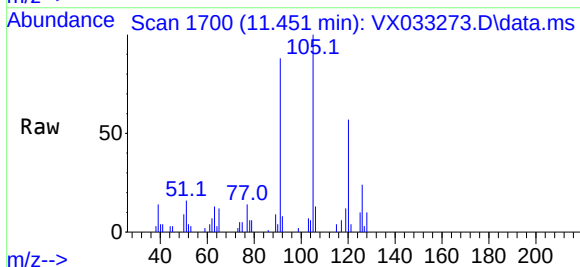
Acq: 07 Dec 2022 09:46

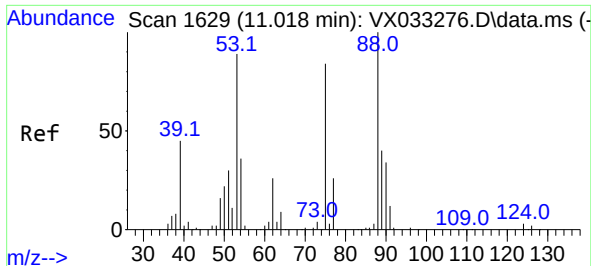
Tgt Ion: 105 Resp: 4864

Ion Ratio Lower Upper

105 100

120 49.8 23.6 71.0

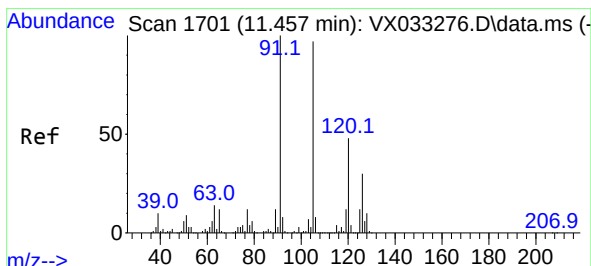
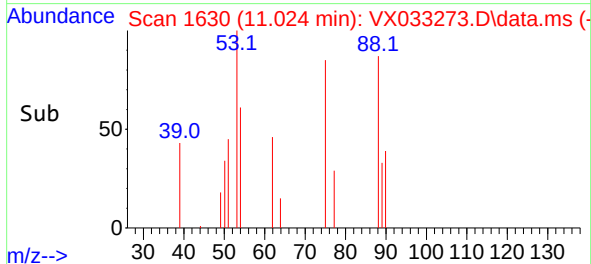
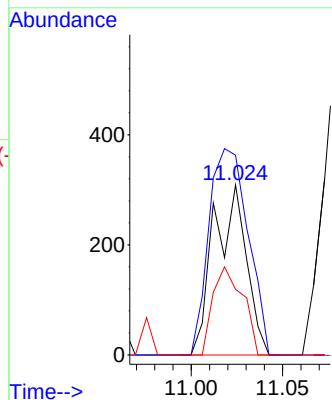
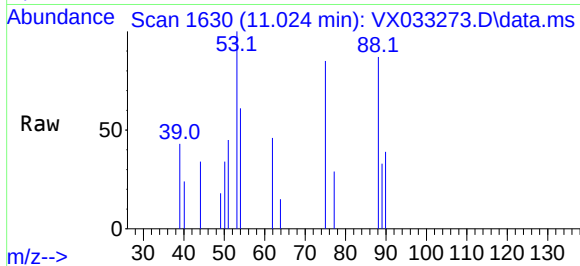




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.643 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

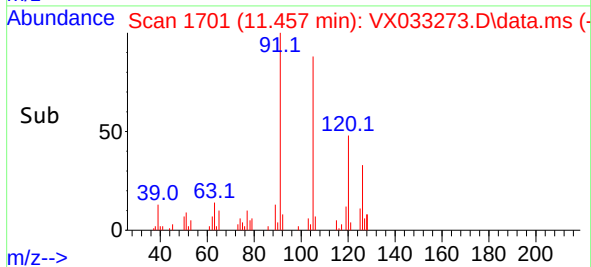
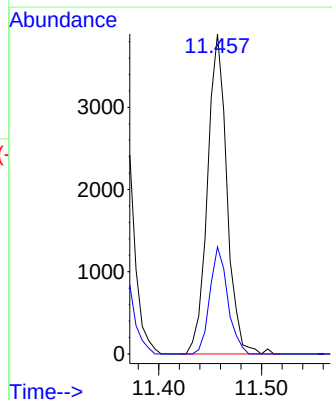
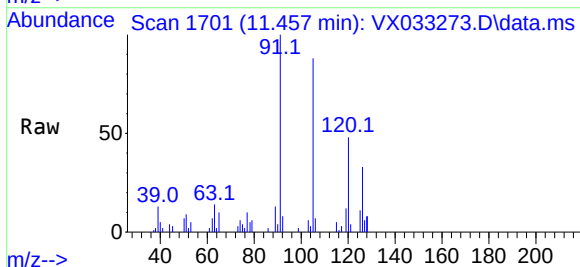
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

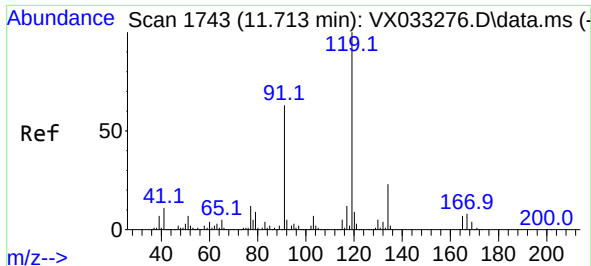
Tgt Ion: 75 Resp: 382  
Ion Ratio Lower Upper  
75 100  
53 146.6 86.9 130.3#  
89 47.6 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 0.967 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 91 Resp: 5105  
Ion Ratio Lower Upper  
91 100  
126 30.7 14.8 44.4

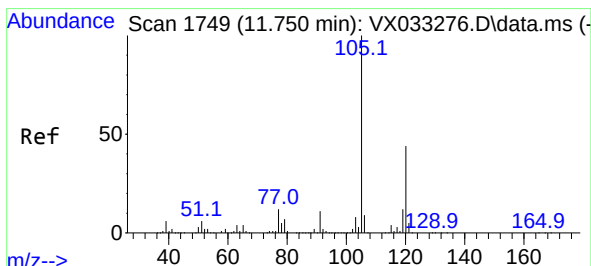
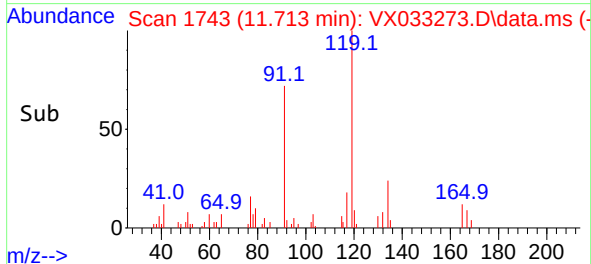
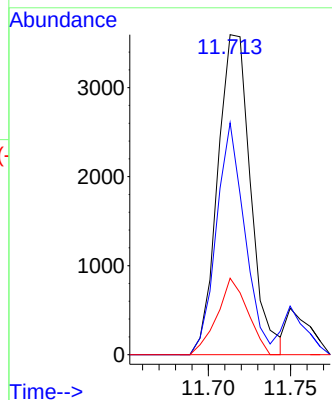
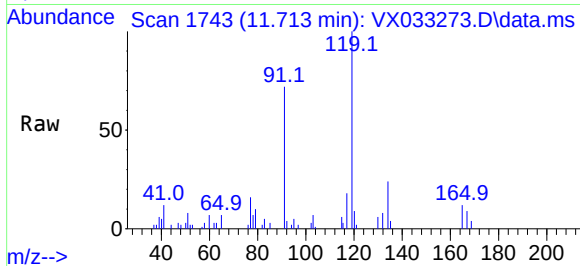




#83  
tert-Butylbenzene  
Concen: 0.915 ug/l  
RT: 11.713 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

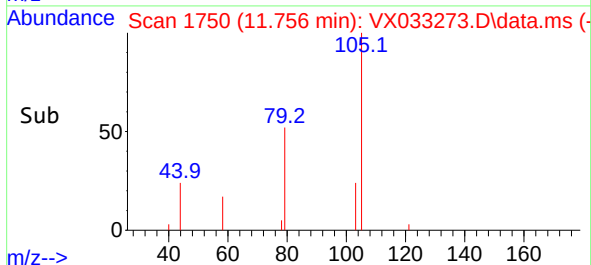
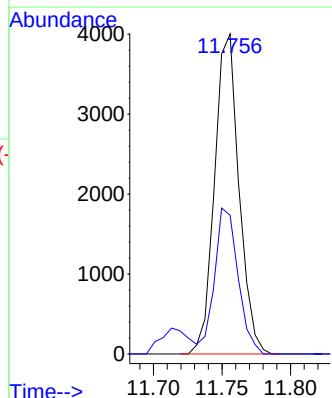
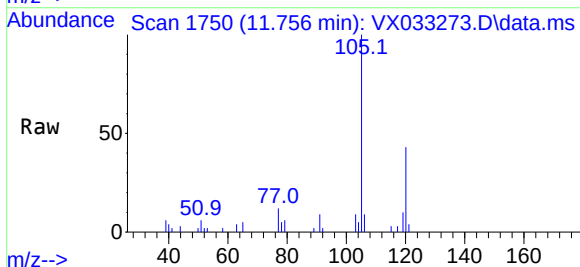
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

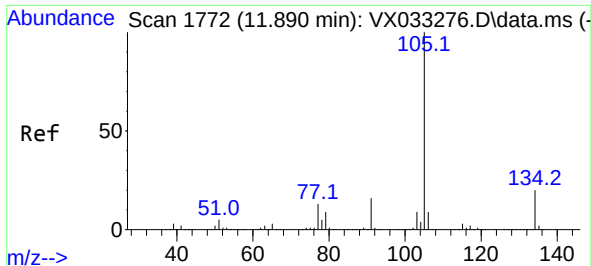
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 4998  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 62.4  | 29.4  | 88.2  |
| 134      | 22.2  | 11.0  | 33.0  |



#84  
1,2,4-Trimethylbenzene  
Concen: 0.906 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 4957  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 43.9  | 21.9  | 65.5  |

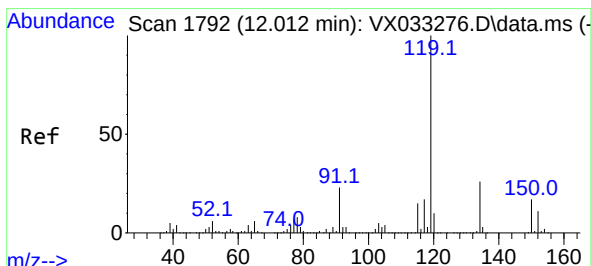
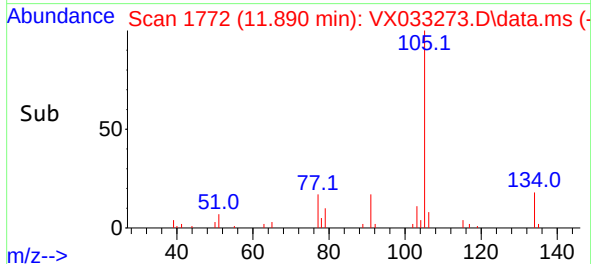
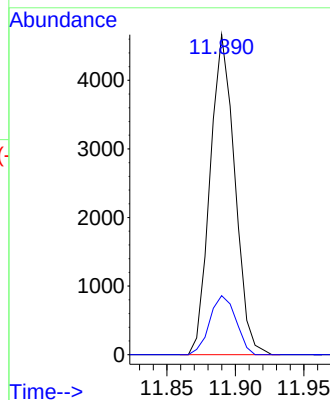
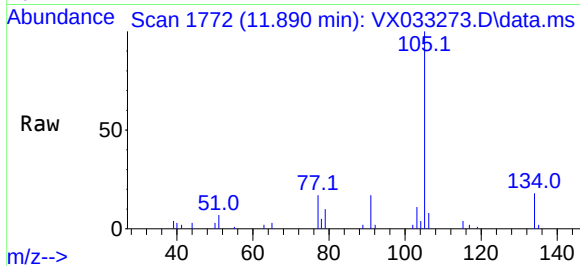




#85  
 sec-Butylbenzene  
 Concen: 0.916 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

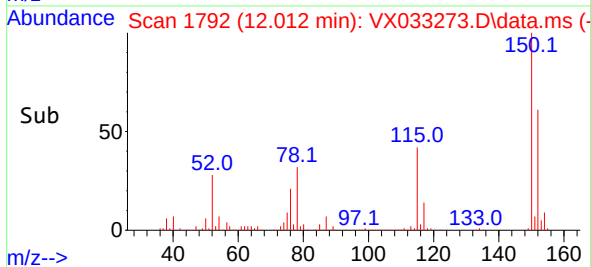
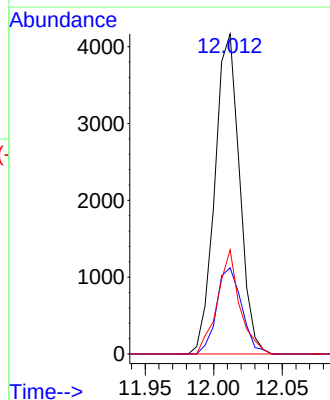
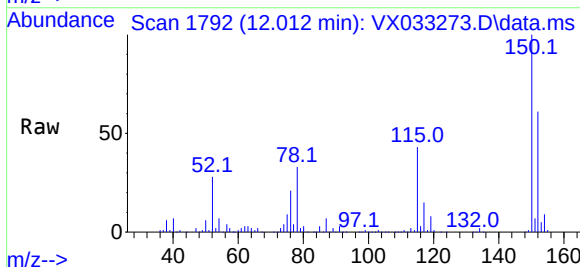
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

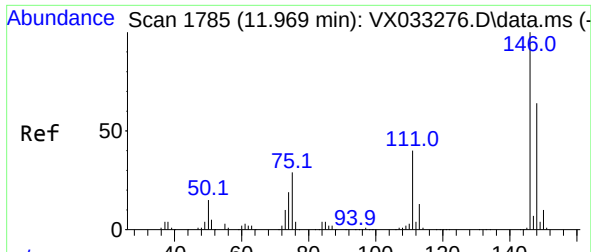
Tgt Ion:105 Resp: 5842  
 Ion Ratio Lower Upper  
 105 100  
 134 19.6 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 0.950 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX033273.D  
 Acq: 07 Dec 2022 09:46

Tgt Ion:119 Resp: 5219  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 12.9 38.7  
 91 29.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 0.909 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

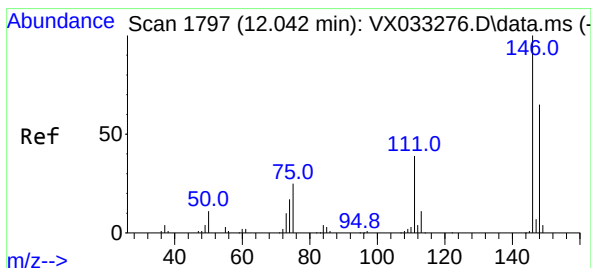
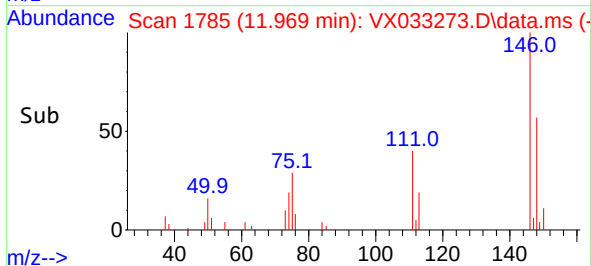
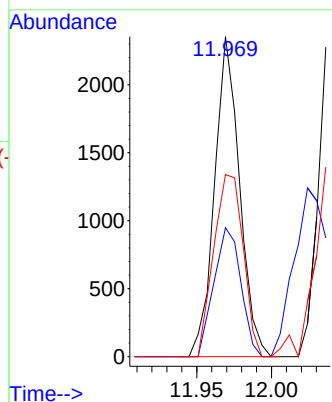
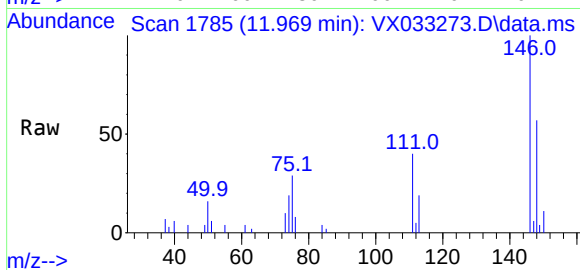
Tgt Ion:146 Resp: 2736

Ion Ratio Lower Upper

146 100

111 43.3 20.6 61.8

148 66.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.890 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

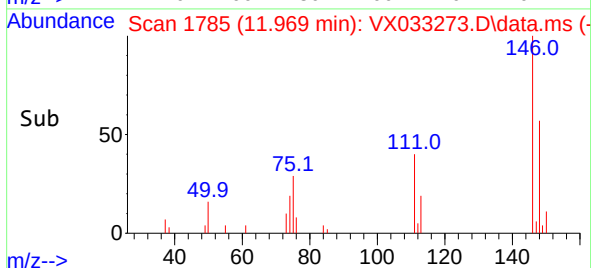
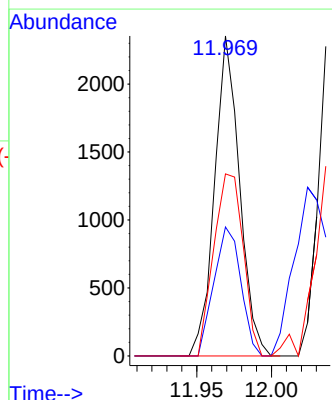
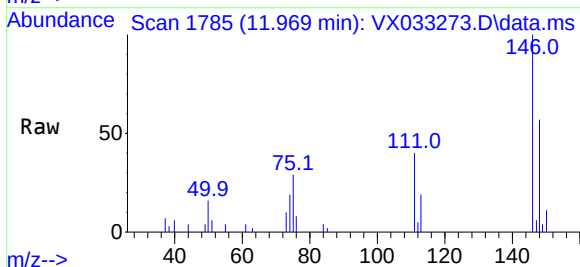
Tgt Ion:146 Resp: 2736

Ion Ratio Lower Upper

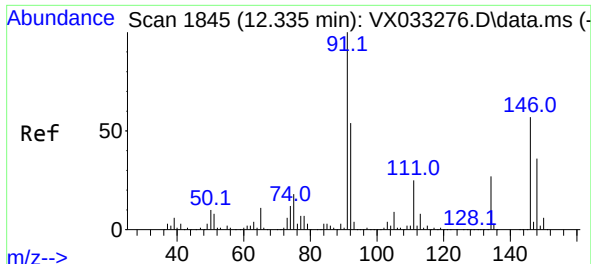
146 100

111 43.3 20.5 61.6

148 66.9 32.2 96.6



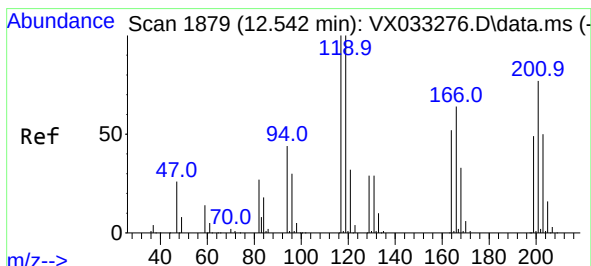
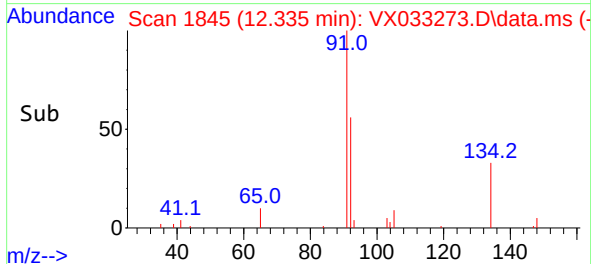
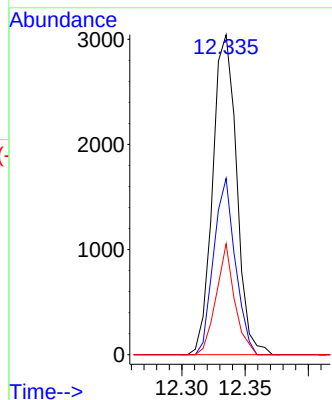
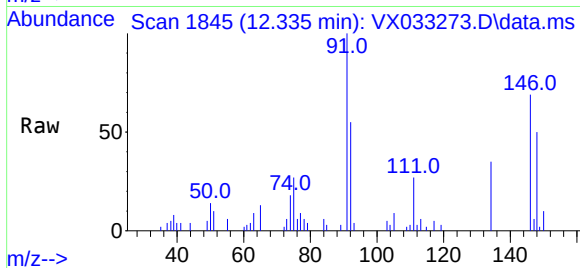




#89  
n-Butylbenzene  
Concen: 0.889 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

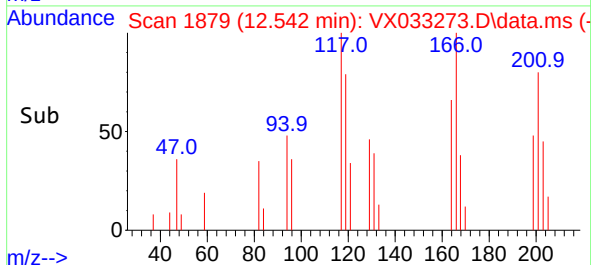
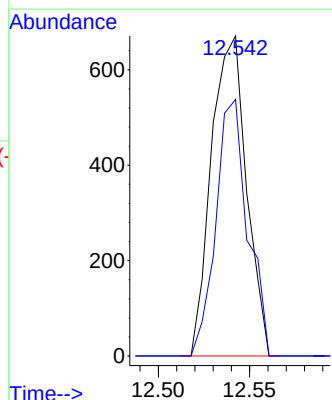
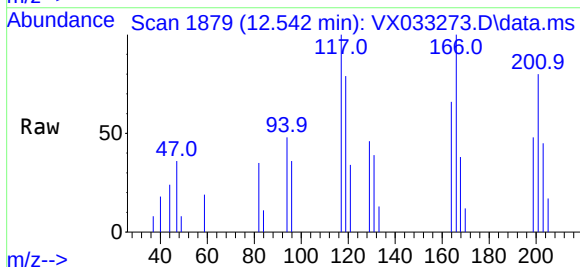
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

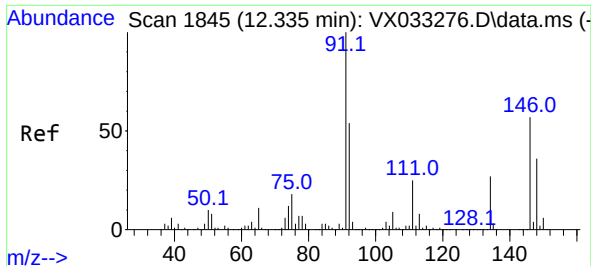
Tgt Ion: 91 Resp: 4003  
Ion Ratio Lower Upper  
91 100  
92 49.8 26.2 78.6  
134 26.9 12.9 38.6



#90  
Hexachloroethane  
Concen: 0.960 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 117 Resp: 897  
Ion Ratio Lower Upper  
117 100  
201 72.5 37.6 112.9



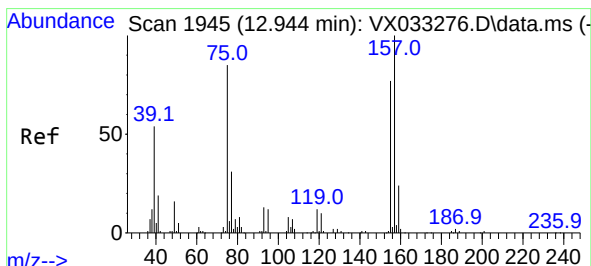
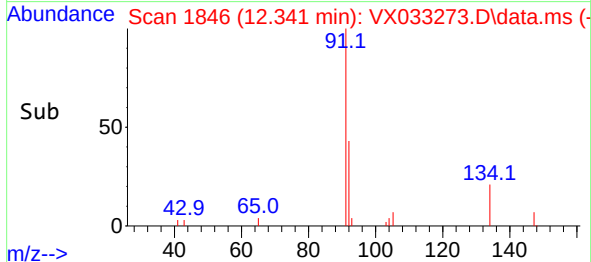
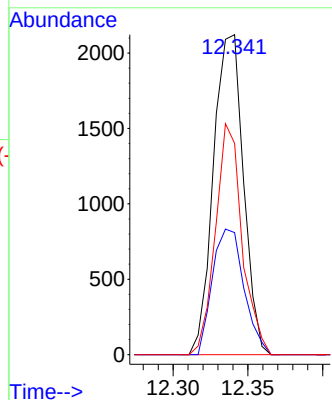
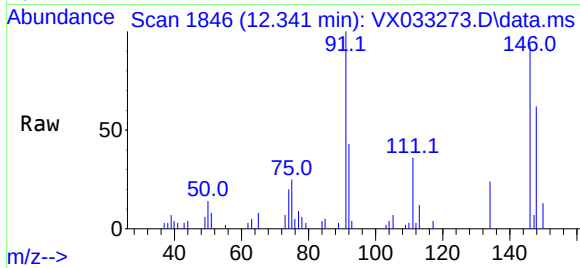


#91  
1,2-Dichlorobenzene  
Concen: 0.984 ug/l  
RT: 12.341 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:146 Resp: 2961

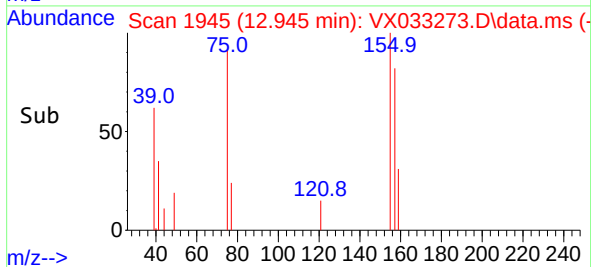
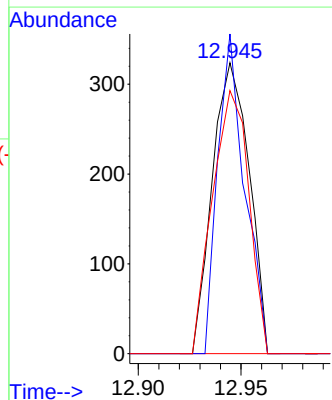
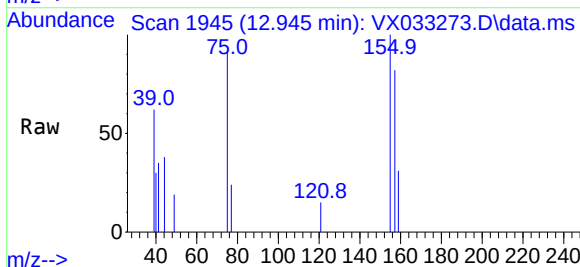
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.3  | 21.5  | 64.5  |
| 148 | 64.1  | 32.0  | 96.2  |

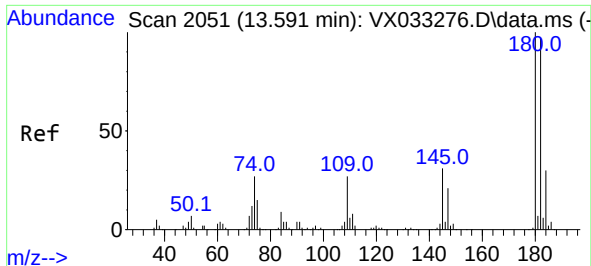


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.896 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Tgt Ion: 75 Resp: 404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 80.2  | 41.6  | 124.8 |
| 157 | 89.1  | 54.1  | 162.4 |





#93

1,2,4-Trichlorobenzene

Concen: 0.919 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

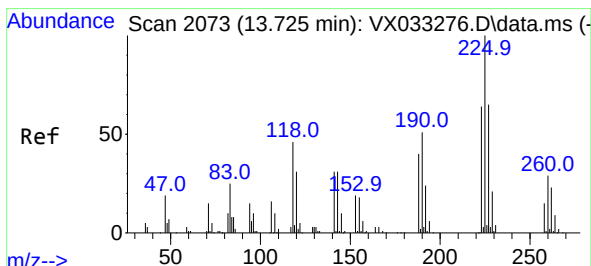
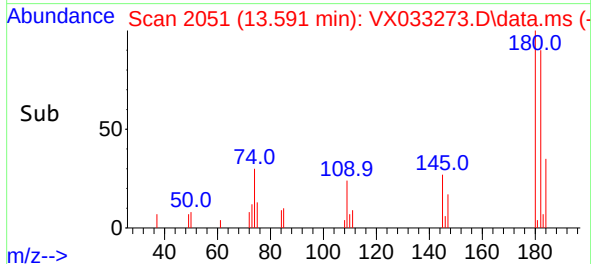
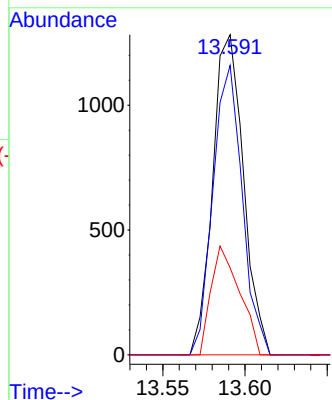
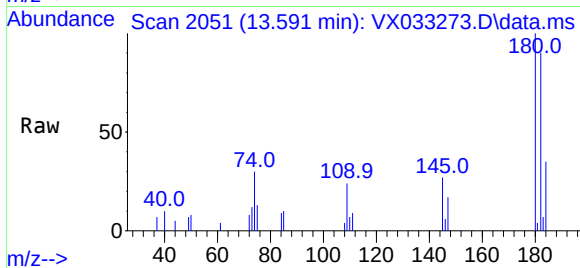
Tgt Ion:180 Resp: 1671

Ion Ratio Lower Upper

180 100

182 85.9 48.4 145.0

145 31.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 1.114 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX033273.D

Acq: 07 Dec 2022 09:46

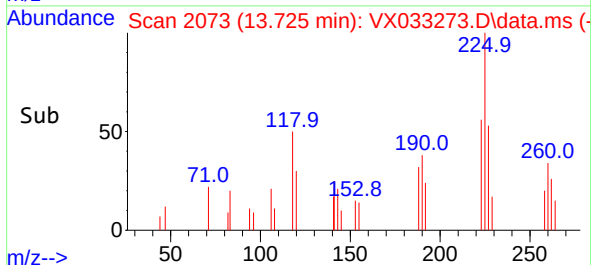
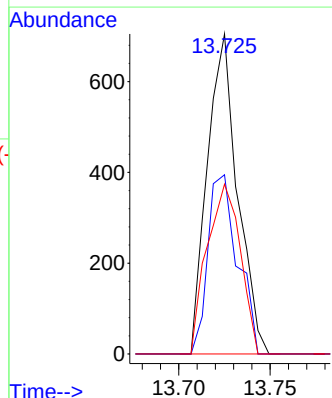
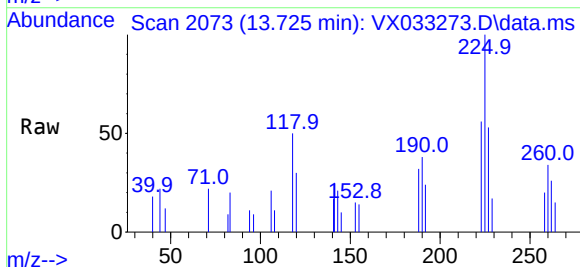
Tgt Ion:225 Resp: 811

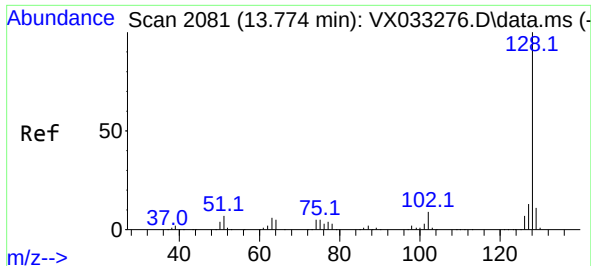
Ion Ratio Lower Upper

225 100

223 55.2 31.9 95.9

227 58.3 31.9 95.5

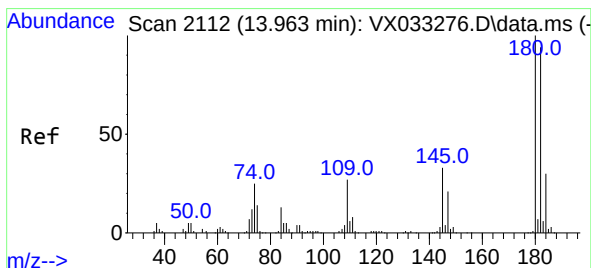
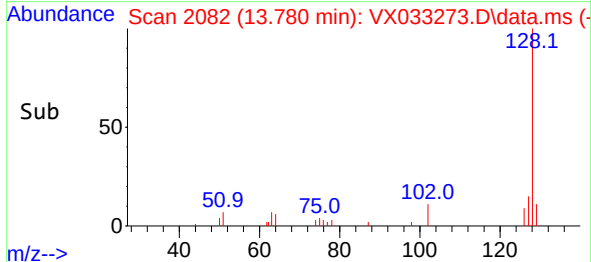
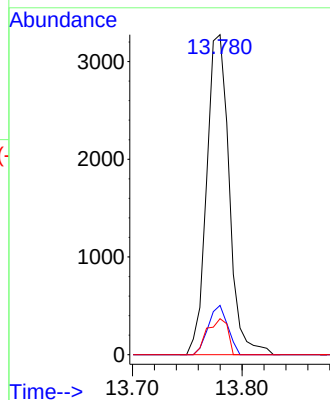
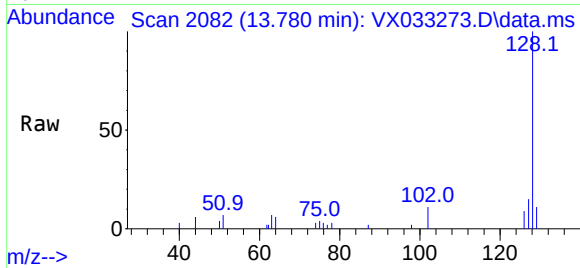




#95  
Naphthalene  
Concen: 0.769 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 4665  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.4  | 10.2  | 15.4  |
| 129      | 10.2  | 8.9   | 13.3  |



#96  
1,2,3-Trichlorobenzene  
Concen: 0.944 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX033273.D  
Acq: 07 Dec 2022 09:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1739  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 91.4  | 47.5  | 142.6 |
| 145      | 34.1  | 16.9  | 50.6  |

