

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
 Data File : VX032977.D  
 Acq On : 22 Nov 2022 12:56  
 Operator : JC/MD  
 Sample : VSTDIC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Quant Time: Nov 23 05:43:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 120950   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 191968   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 169802   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 76387    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.976  | 65    | 2105     | -1.442   | ug/l | 0.02     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | -2.880%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 1575     | 1.455    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 2.920%#  |
| 50) Toluene-d8              | 8.653  | 98    | 4941     | -0.669   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | -1.340%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 1634     | 1.149    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 2.300%#  |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 1046  | 1.132  | ug/l   | 96  |
| 3) Chloromethane             | 1.294 | 50  | 1209  | 1.212  | ug/l # | 87  |
| 4) Vinyl Chloride            | 1.374 | 62  | 1279  | 1.151  | ug/l   | 100 |
| 5) Bromomethane              | 1.617 | 94  | 1083  | 1.315  | ug/l   | 83  |
| 6) Chloroethane              | 1.691 | 64  | 890   | 0.984  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 2362  | 1.096  | ug/l   | 93  |
| 8) Diethyl Ether             | 2.136 | 74  | 676   | 0.996  | ug/l   | 84  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 1184  | 1.045  | ug/l   | 95  |
| 10) Methyl Iodide            | 2.447 | 142 | 959   | 0.739  | ug/l # | 95  |
| 11) Tert butyl alcohol       | 2.953 | 59  | 347   | 1.858  | ug/l # | 72  |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 1029  | 0.975  | ug/l   | 87  |
| 13) Acrolein                 | 2.239 | 56  | 1079  | 5.031  | ug/l   | 94  |
| 14) Allyl chloride           | 2.666 | 41  | 1721  | 1.010  | ug/l   | 97  |
| 15) Acrylonitrile            | 3.068 | 53  | 2698  | 5.109  | ug/l   | 97  |
| 16) Acetone                  | 2.404 | 43  | 3029  | 5.506  | ug/l # | 87  |
| 17) Carbon Disulfide         | 2.514 | 76  | 3541  | 1.214  | ug/l # | 93  |
| 18) Methyl Acetate           | 2.715 | 43  | 1647  | 1.082  | ug/l # | 81  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 3488  | 0.953  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.794 | 84  | 1865  | 0.341  | ug/l # | 84  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 1333  | 1.104  | ug/l   | 94  |
| 22) Diisopropyl ether        | 3.763 | 45  | 3432  | 0.925  | ug/l # | 81  |
| 23) Vinyl Acetate            | 3.727 | 43  | 12970 | 4.466  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 2092  | 0.985  | ug/l # | 94  |
| 25) 2-Butanone               | 4.580 | 43  | 3849  | 5.074  | ug/l   | 94  |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 1566  | 0.917  | ug/l # | 71  |
| 27) cis-1,2-Dichloroethene   | 4.501 | 96  | 1341  | 0.978  | ug/l   | 89  |
| 28) Bromochloromethane       | 4.910 | 49  | 891   | 0.955  | ug/l # | 97  |
| 29) Tetrahydrofuran          | 5.032 | 42  | 2495  | 5.184  | ug/l   | 96  |
| 30) Chloroform               | 5.092 | 83  | 2276  | 0.957  | ug/l   | 93  |
| 31) Cyclohexane              | 5.483 | 56  | 1983  | 1.039  | ug/l # | 88  |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 2052  | 0.964  | ug/l # | 51  |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 1851  | 1.070  | ug/l   | 95  |
| 37) Ethyl Acetate            | 4.727 | 43  | 861   | 0.570  | ug/l # | 70  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 1945  | 1.013  | ug/l # | 77  |
| 39) Methylcyclohexane        | 7.385 | 83  | 1956  | 0.991  | ug/l   | 95  |
| 40) Benzene                  | 6.037 | 78  | 4743  | 0.978  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
 Data File : VX032977.D  
 Acq On : 22 Nov 2022 12:56  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Nov 23 05:43:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.940  | 41   | 834      | 0.982  | ug/l # | 81       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 1898     | 0.972  | ug/l # | 77       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 2349     | 0.941  | ug/l # | 89       |
| 44) Trichloroethene           | 7.129  | 130  | 1329     | 0.976  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 1104     | 0.921  | ug/l # | 79       |
| 46) Dibromomethane            | 7.586  | 93   | 973      | 1.040  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.824  | 83   | 1657     | 0.917  | ug/l   | 88       |
| 48) Methyl methacrylate       | 7.702  | 41   | 1214     | 0.945  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.726  | 88   | 421      | 17.795 | ug/l # | 70       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 7205     | 4.676  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 2975     | 0.932  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 1322     | 2.177  | ug/l # | 86       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1654     | 0.849  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 9.159  | 97   | 1273     | 0.980  | ug/l # | 76       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 1451     | 0.810  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 2132     | 1.016  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 3922     | 4.613  | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 5161     | 4.535  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.525  | 129  | 1298     | 0.928  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1307     | 0.953  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1388     | 1.155  | ug/l # | 86       |
| 65) Chlorobenzene             | 10.079 | 112  | 3401     | 1.005  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 1134     | 0.914  | ug/l # | 64       |
| 67) Ethyl Benzene             | 10.195 | 91   | 5598     | 0.932  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 4527     | 1.925  | ug/l   | 97       |
| 69) o-Xylene                  | 10.646 | 106  | 2087     | 0.917  | ug/l   | 96       |
| 70) Styrene                   | 10.659 | 104  | 3177     | 0.853  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 818      | 0.860  | ug/l # | 92       |
| 73) Isopropylbenzene          | 10.963 | 105  | 5549     | 1.017  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.848 | 43   | 1644     | 0.885  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 1772     | 1.076  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 1848     | 1.277  | ug/l   | 85       |
| 77) Bromobenzene              | 11.201 | 156  | 1441     | 1.073  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 6068     | 0.972  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 4062     | 1.072  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4339     | 0.946  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 11.024 | 75   | 327      | 0.735  | ug/l # | 70       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 4698     | 1.058  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 4851     | 1.063  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 4397     | 0.962  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 5250     | 0.961  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 4403     | 0.952  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2732     | 1.085  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 2732     | 1.059  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 3804     | 0.954  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.542 | 117  | 736      | 0.968  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 2645     | 1.080  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 305      | 0.928  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1563     | 1.035  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 822      | 1.234  | ug/l   | 96       |
| 95) Naphthalene               | 13.780 | 128  | 4825     | 0.988  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1570     | 1.037  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112222\  
Data File : VX032977.D  
Acq On : 22 Nov 2022 12:56  
Operator : JC/MD  
Sample : VSTDICC001  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

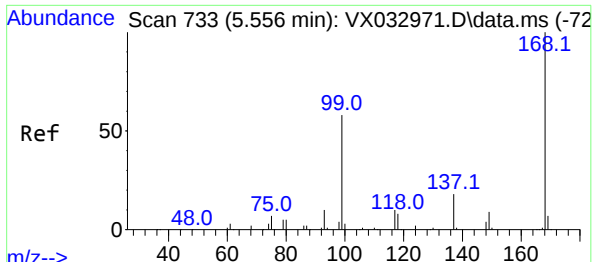
Quant Time: Nov 23 05:43:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 22 13:58:46 2022  
Response via : Initial Calibration

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

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

Quant Time: Nov 23 05:43:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 22 13:58:46 2022  
Response via : Initial Calibration

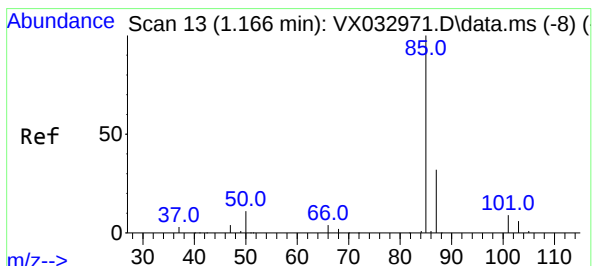
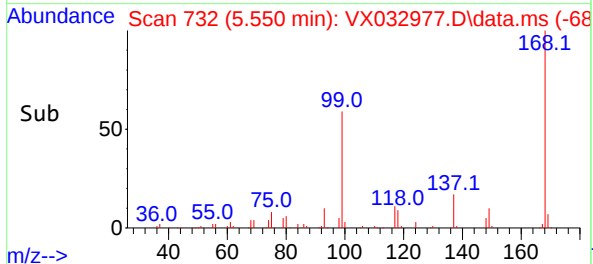
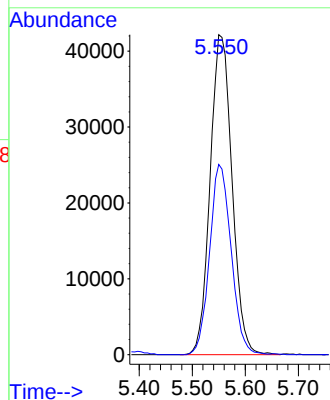
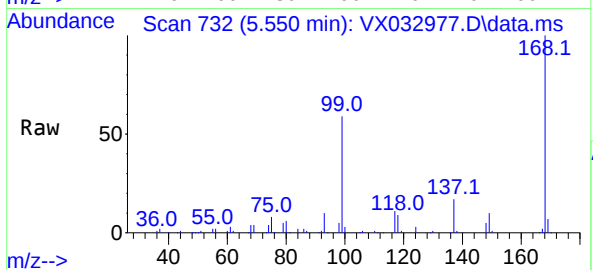




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

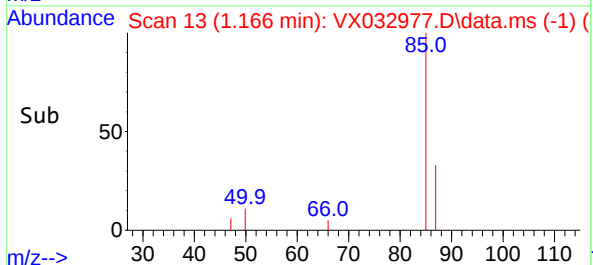
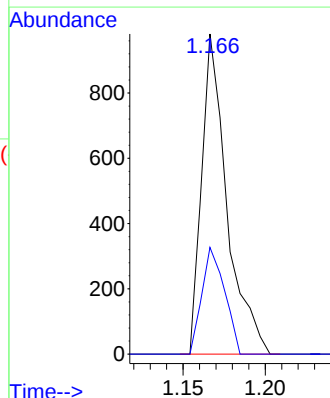
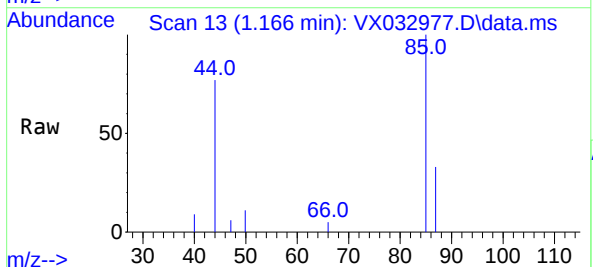
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:168 Resp: 120950  
Ion Ratio Lower Upper  
168 100  
99 59.5 46.1 69.1

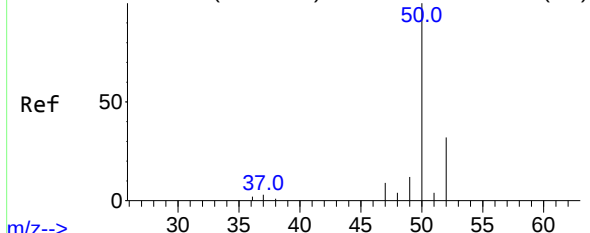


#2  
Dichlorodifluoromethane  
Concen: 1.132 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

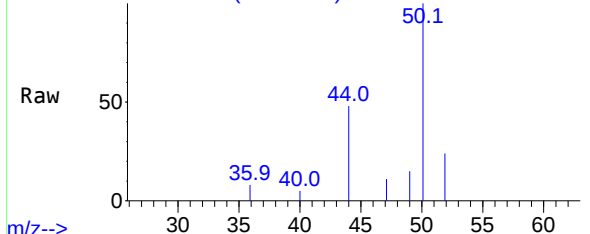
Tgt Ion: 85 Resp: 1046  
Ion Ratio Lower Upper  
85 100  
87 33.3 15.6 46.7



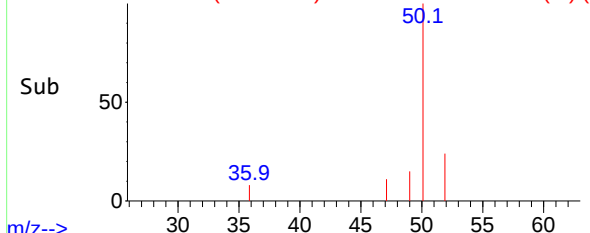
Abundance Scan 34 (1.294 min): VX032971.D\data.ms (-29)



Abundance Scan 34 (1.294 min): VX032977.D\data.ms



Abundance Scan 34 (1.294 min): VX032977.D\data.ms (-1) (



#3

Chloromethane

Concen: 1.212 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

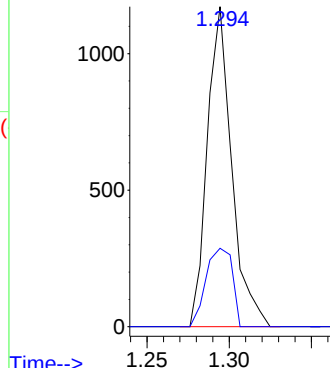
Tgt Ion: 50 Resp: 1209

Ion Ratio Lower Upper

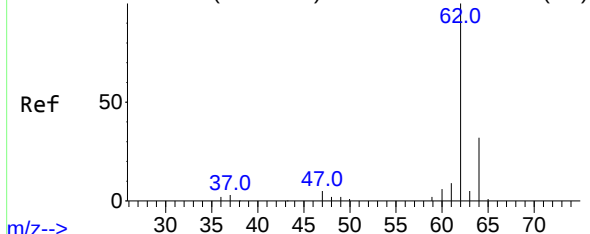
50 100

52 24.5 25.4 38.2#

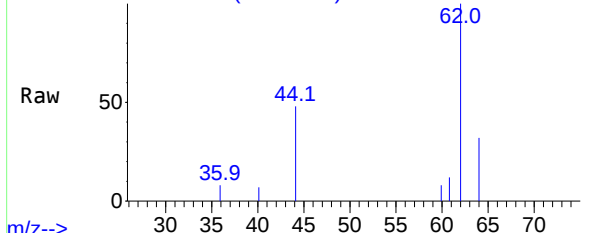
Abundance



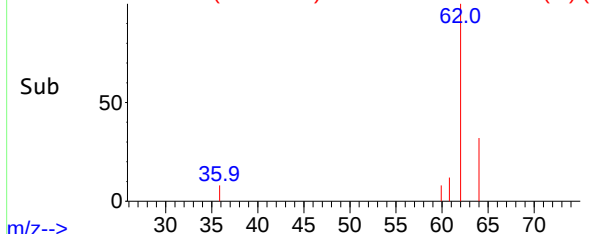
Abundance Scan 47 (1.374 min): VX032971.D\data.ms (-42)



Abundance Scan 47 (1.374 min): VX032977.D\data.ms



Abundance Scan 47 (1.374 min): VX032977.D\data.ms (-1) (



#4

Vinyl Chloride

Concen: 1.151 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

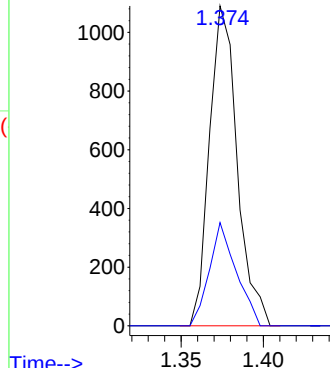
Tgt Ion: 62 Resp: 1279

Ion Ratio Lower Upper

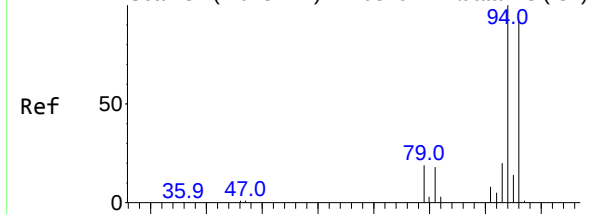
62 100

64 32.3 25.8 38.6

Abundance

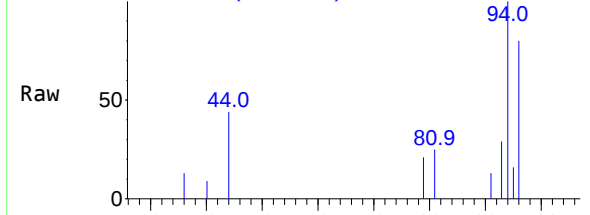


Abundance Scan 87 (1.618 min): VX032971.D\data.ms (-81)



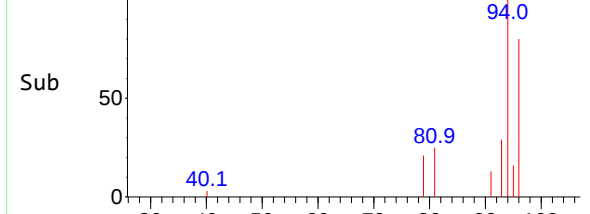
m/z-->

Abundance Scan 87 (1.617 min): VX032977.D\data.ms



m/z-->

Abundance Scan 87 (1.617 min): VX032977.D\data.ms (-36)



m/z-->

#5

Bromomethane

Concen: 1.315 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

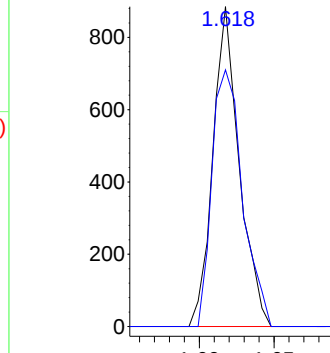
Tgt Ion: 94 Resp: 1083

Ion Ratio Lower Upper

94 100

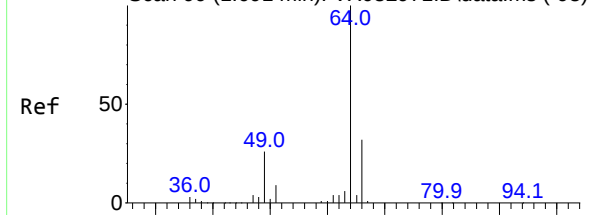
96 80.2 77.6 116.4

Abundance



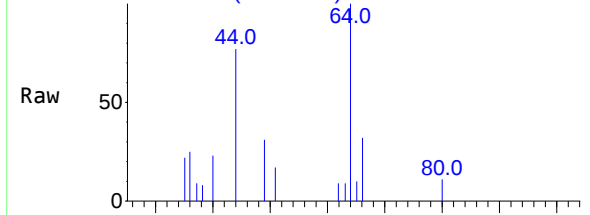
Time-->

Abundance Scan 99 (1.691 min): VX032971.D\data.ms (-93)



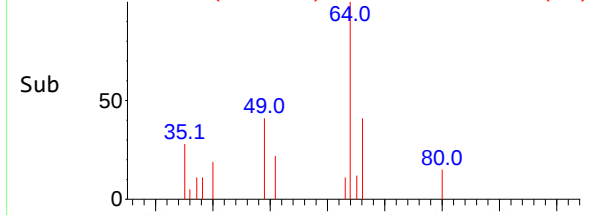
m/z-->

Abundance Scan 99 (1.691 min): VX032977.D\data.ms



m/z-->

Abundance Scan 99 (1.691 min): VX032977.D\data.ms (-49)



m/z-->

#6

Chloroethane

Concen: 0.984 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

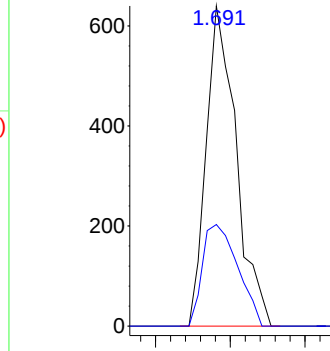
Tgt Ion: 64 Resp: 890

Ion Ratio Lower Upper

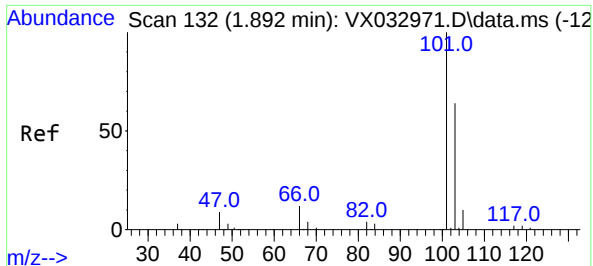
64 100

66 31.7 26.0 39.0

Abundance



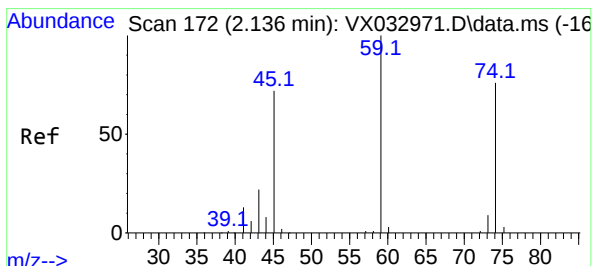
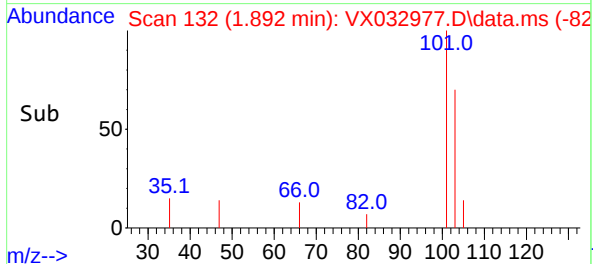
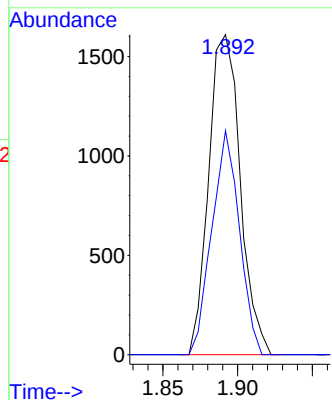
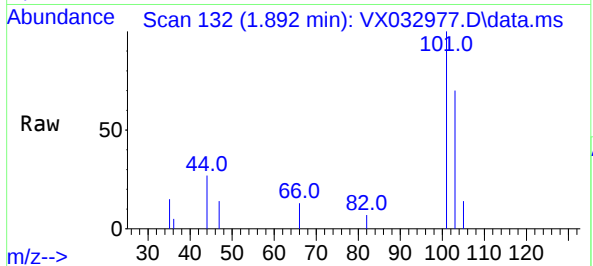
Time-->



#7  
Trichlorofluoromethane  
Concen: 1.096 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

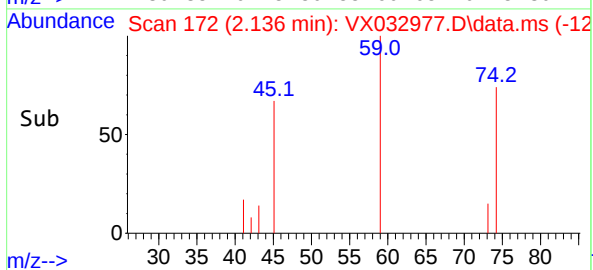
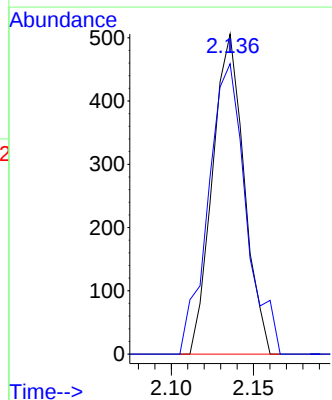
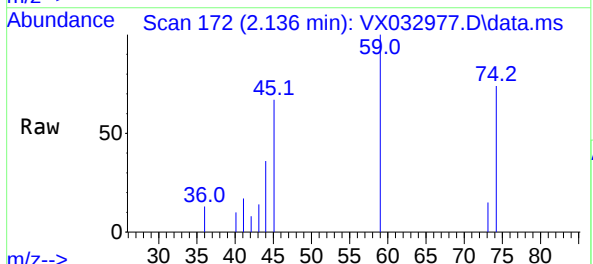
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

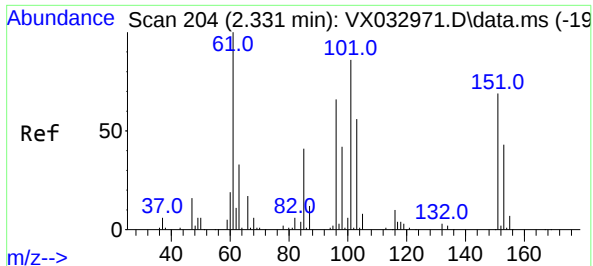
Tgt Ion:101 Resp: 2362  
Ion Ratio Lower Upper  
101 100  
103 69.9 51.4 77.2



#8  
Diethyl Ether  
Concen: 0.996 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 74 Resp: 676  
Ion Ratio Lower Upper  
74 100  
45 108.6 46.6 139.7

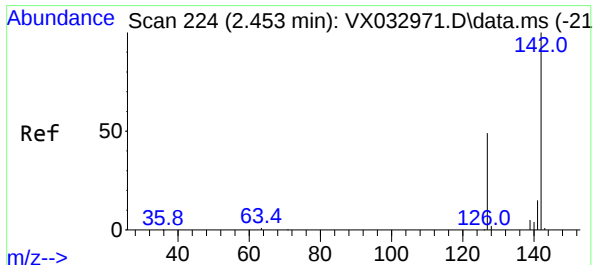
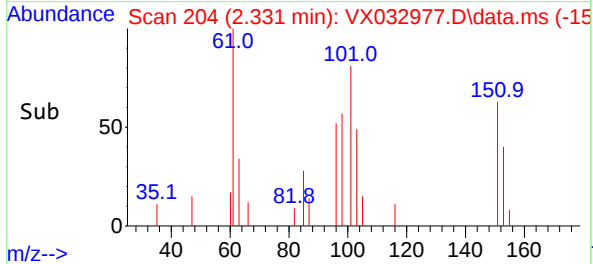
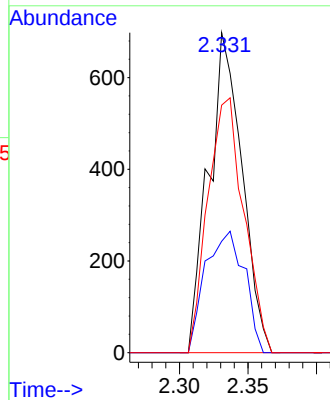
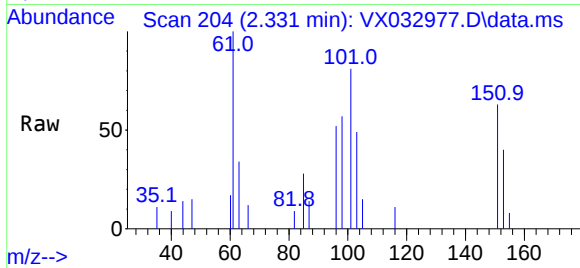




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 1.045 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

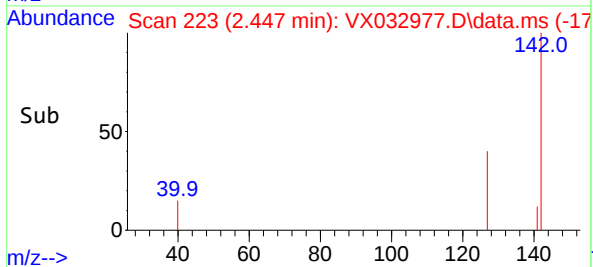
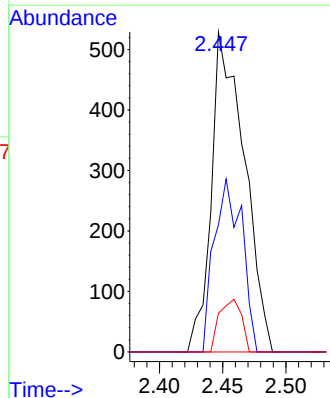
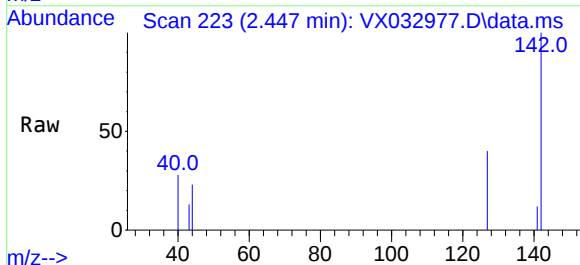
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

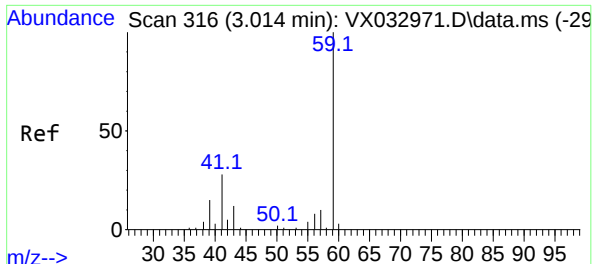
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 1184  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 44.2  | 37.0  | 55.4  |
| 151      | 85.8  | 64.4  | 96.6  |



#10  
Methyl Iodide  
Concen: 0.739 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. -0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 959   |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.4  | 38.6  | 57.8  |
| 141      | 11.1  | 11.4  | 17.2  |





#11

Tert butyl alcohol

Concen: 1.858 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

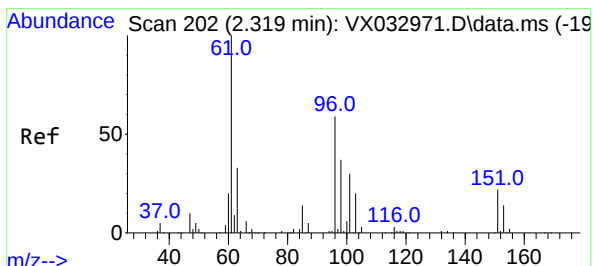
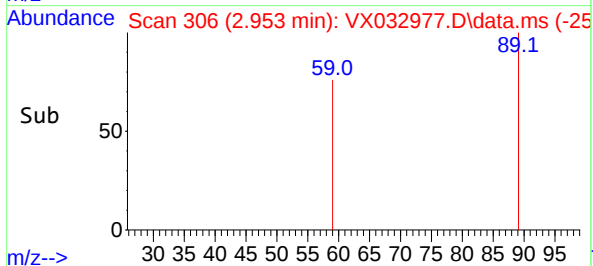
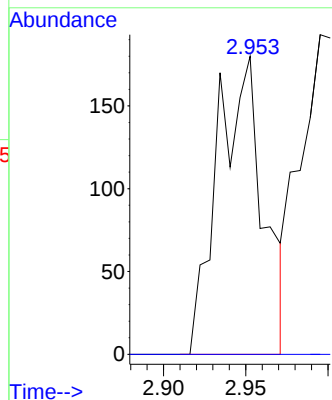
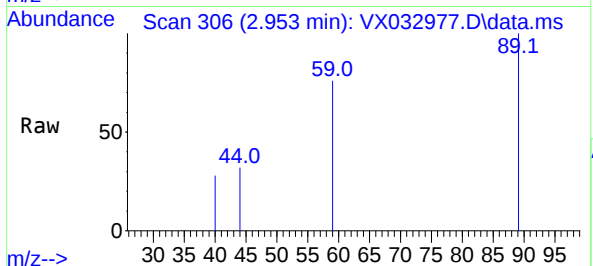
ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 347

Ion Ratio Lower Upper

59 100  
57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.975 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

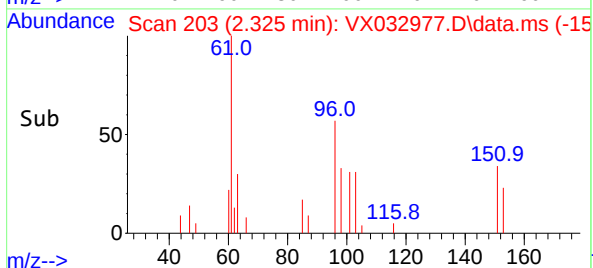
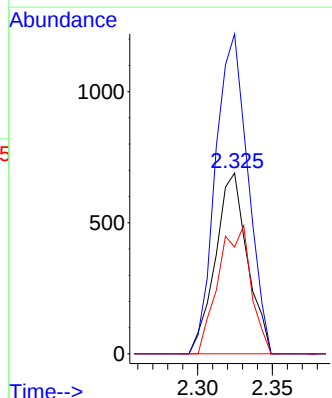
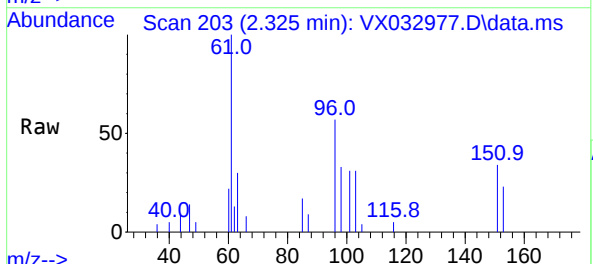
Lab File: VX032977.D

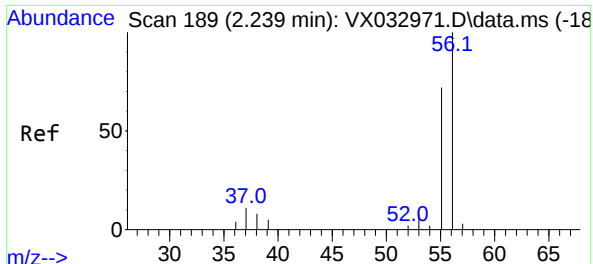
Acq: 22 Nov 2022 12:56

Tgt Ion: 96 Resp: 1029

Ion Ratio Lower Upper

96 100  
61 176.8 125.1 187.7  
98 59.0 50.6 76.0

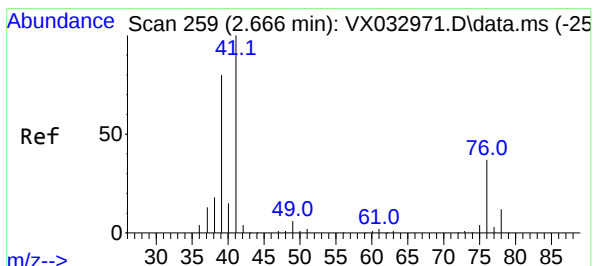
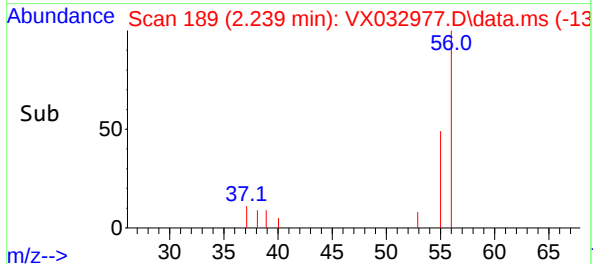
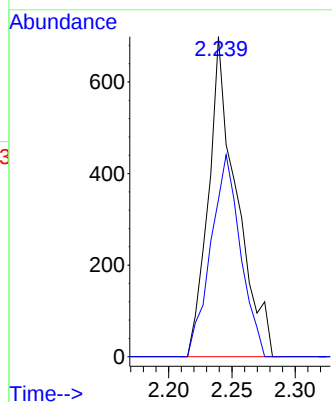
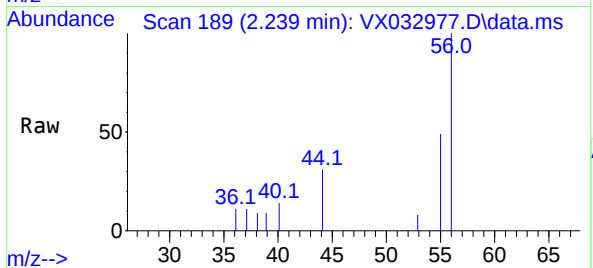




#13  
Acrolein  
Concen: 5.031 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

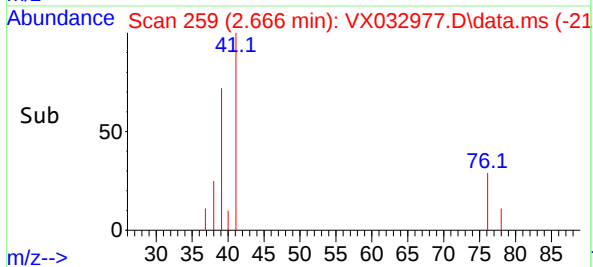
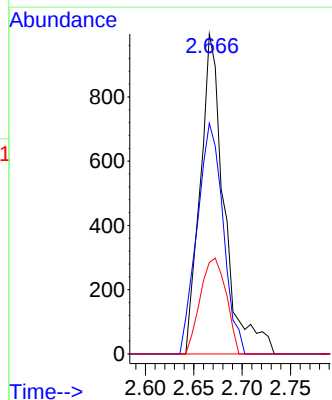
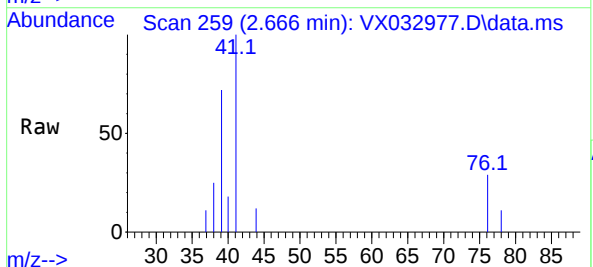
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

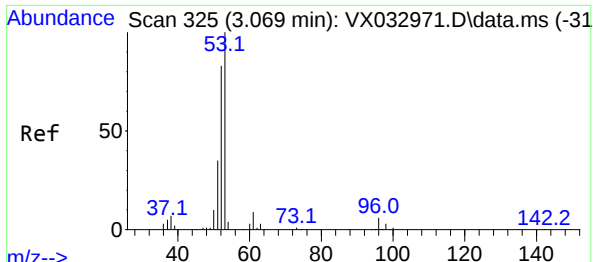
Tgt Ion: 56 Resp: 1079  
Ion Ratio Lower Upper  
56 100  
55 66.5 56.9 85.3



#14  
Allyl chloride  
Concen: 1.010 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

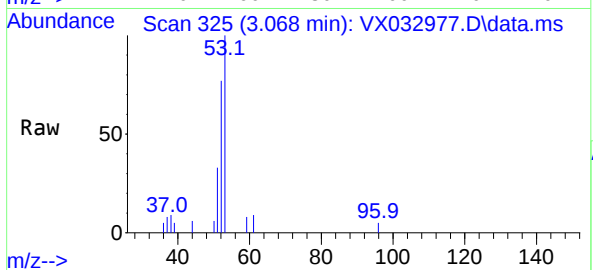
Tgt Ion: 41 Resp: 1721  
Ion Ratio Lower Upper  
41 100  
39 77.9 61.4 92.2  
76 32.1 29.2 43.8





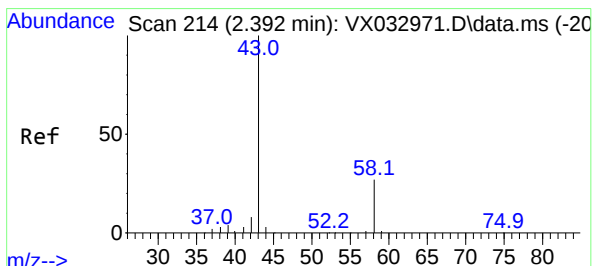
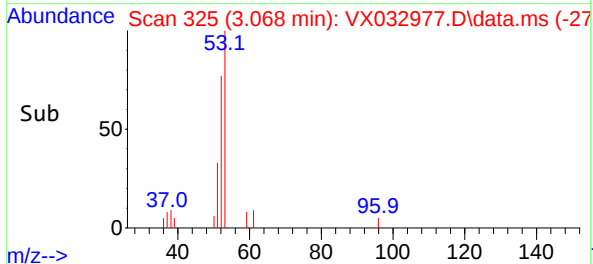
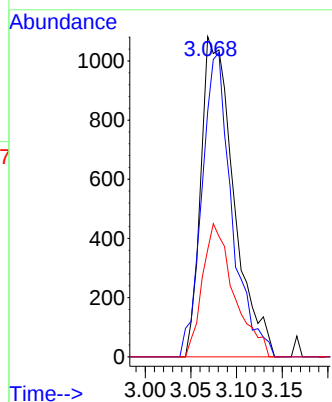
#15  
Acrylonitrile  
Concen: 5.109 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 53 Resp: 2698

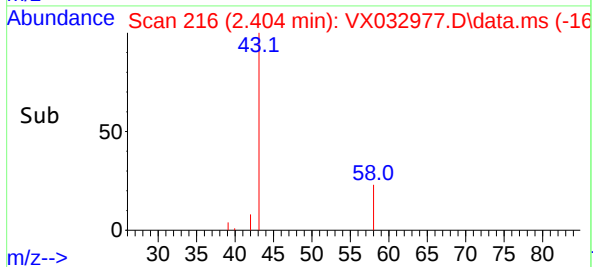
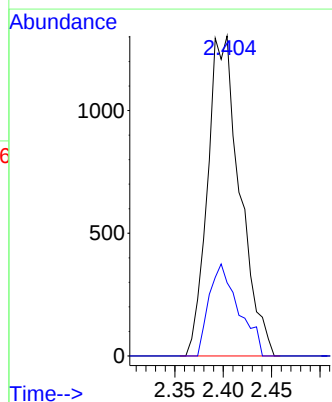
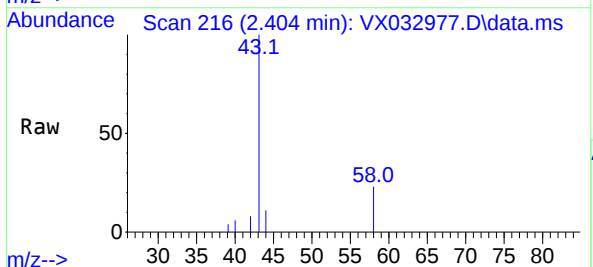
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 86.8  | 67.4  | 101.0 |
| 51  | 40.1  | 30.3  | 45.5  |

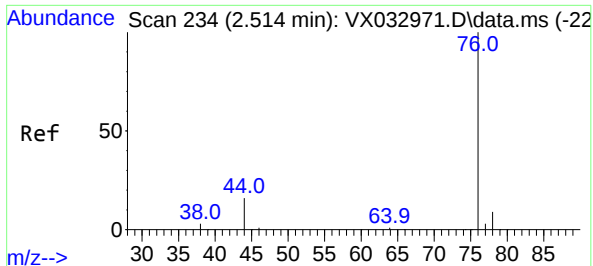


#16  
Acetone  
Concen: 5.506 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. 0.024 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 43 Resp: 3029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 22.9  | 23.8  | 35.8# |

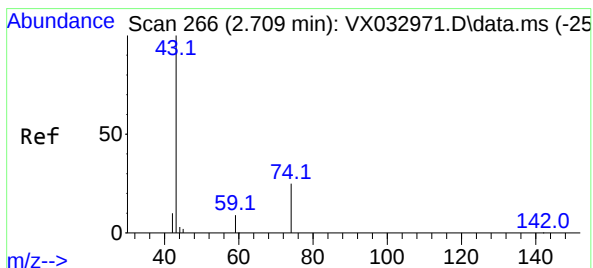
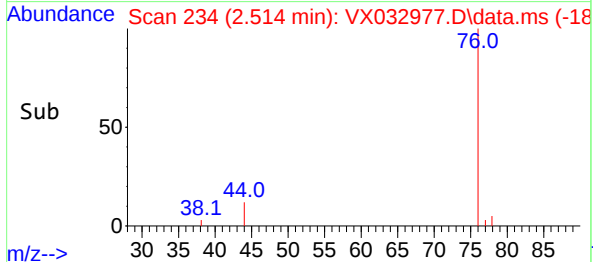
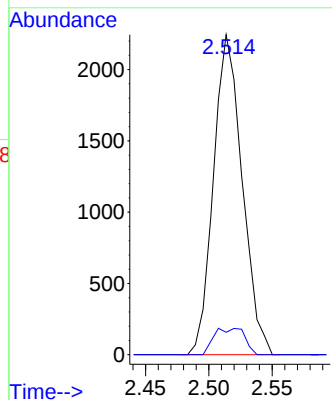
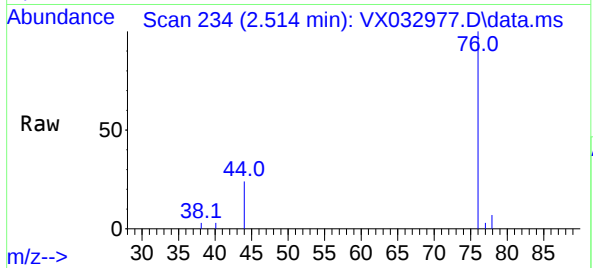




#17  
Carbon Disulfide  
Concen: 1.214 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

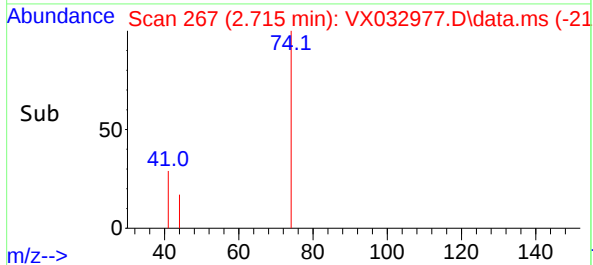
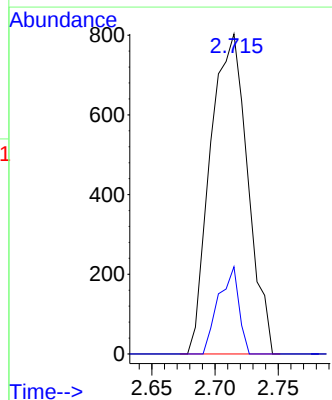
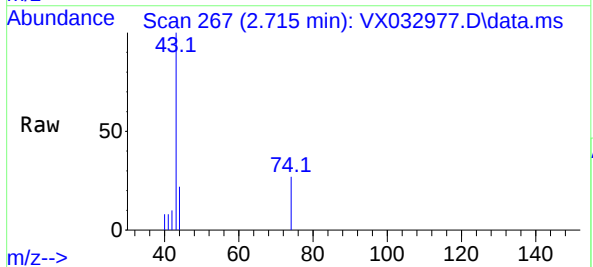
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

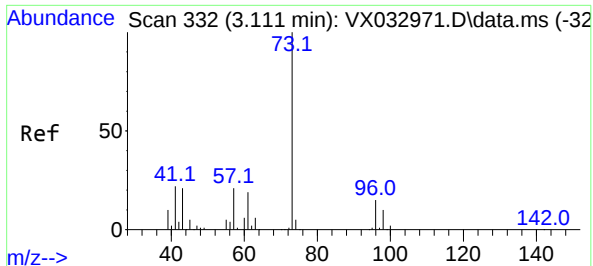
Tgt Ion: 76 Resp: 3541  
Ion Ratio Lower Upper  
76 100  
78 7.0 7.5 11.3#



#18  
Methyl Acetate  
Concen: 1.082 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.012 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 43 Resp: 1647  
Ion Ratio Lower Upper  
43 100  
74 14.9 19.4 29.0#

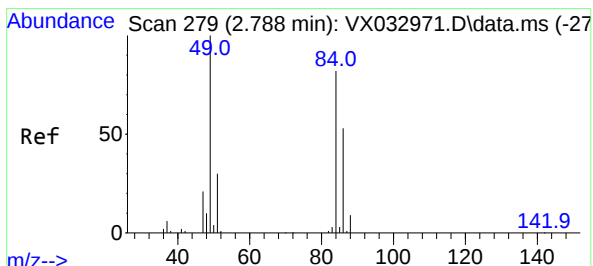
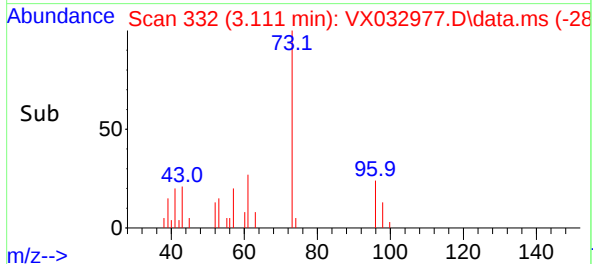
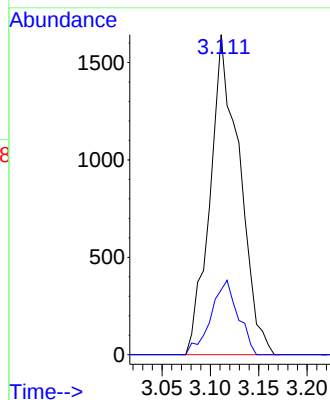
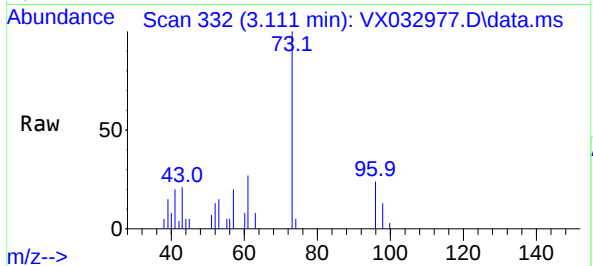




#19  
Methyl tert-butyl Ether  
Concen: 0.953 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

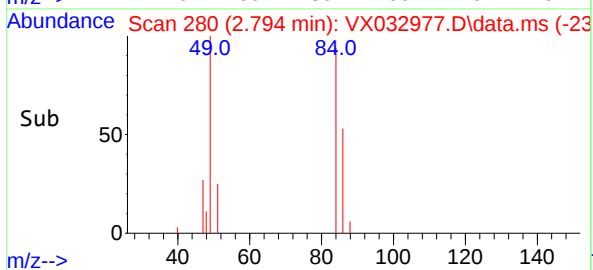
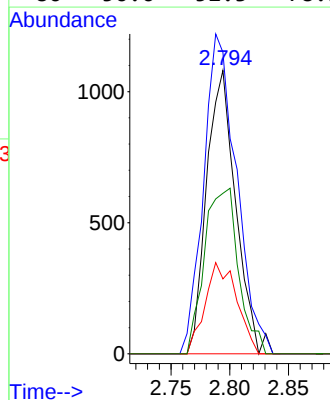
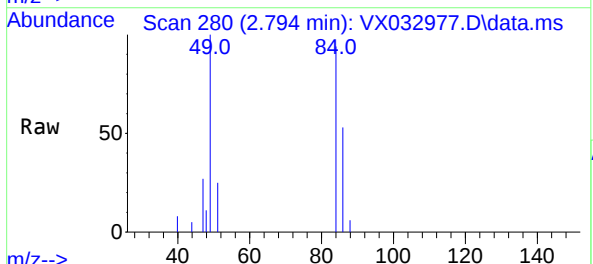
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

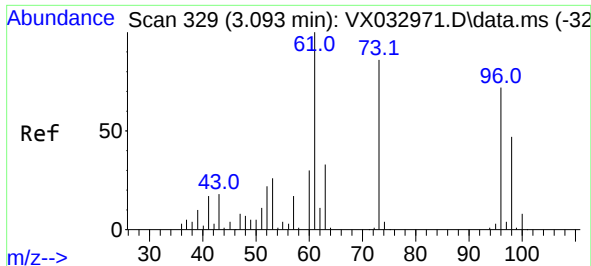
Tgt Ion: 73 Resp: 3488  
Ion Ratio Lower Upper  
73 100  
57 20.3 16.6 25.0



#20  
Methylene Chloride  
Concen: 0.341 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 84 Resp: 1865  
Ion Ratio Lower Upper  
84 100  
49 106.4 101.0 151.6  
51 26.5 31.1 46.7#  
86 56.6 52.3 78.5

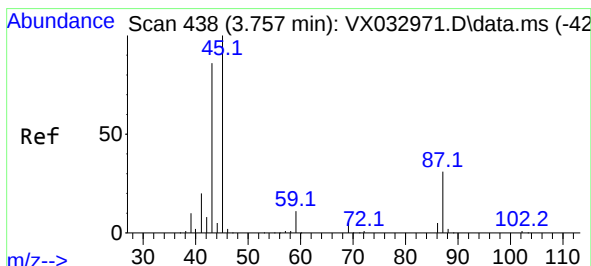
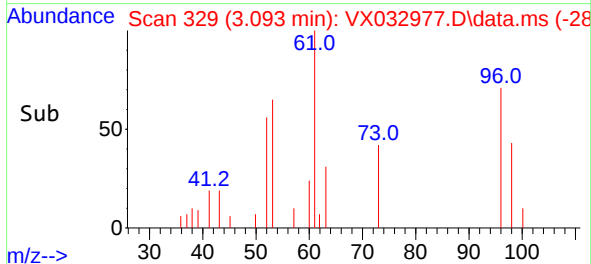
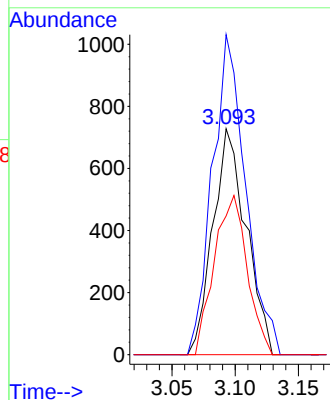
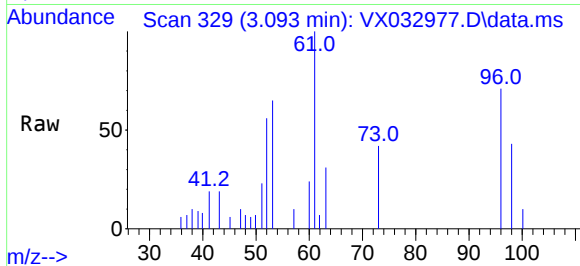




#21  
trans-1,2-Dichloroethene  
Concen: 1.104 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

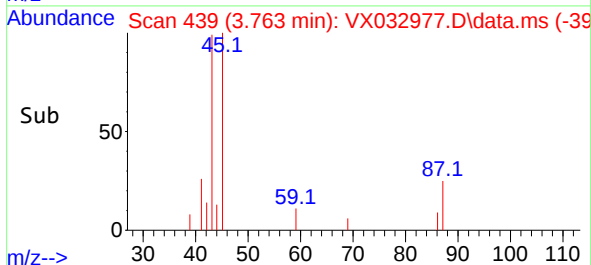
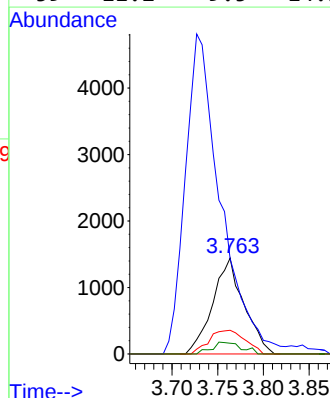
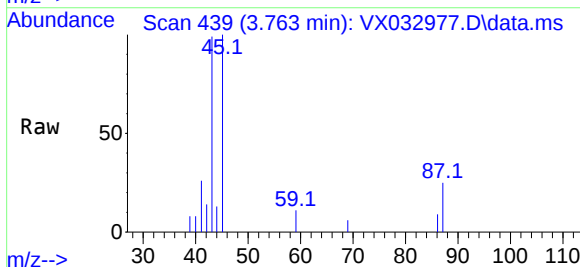
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

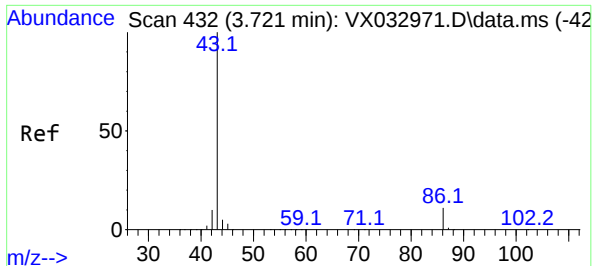
Tgt Ion: 96 Resp: 1333  
Ion Ratio Lower Upper  
96 100  
61 141.6 106.6 160.0  
98 61.4 51.0 76.6



#22  
Diisopropyl ether  
Concen: 0.925 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 45 Resp: 3432  
Ion Ratio Lower Upper  
45 100  
43 91.3 56.4 84.6#  
87 24.8 24.4 36.6  
59 11.2 9.5 14.3

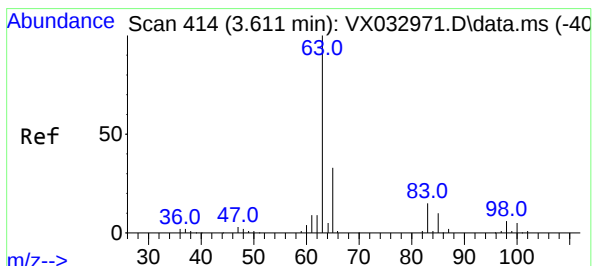
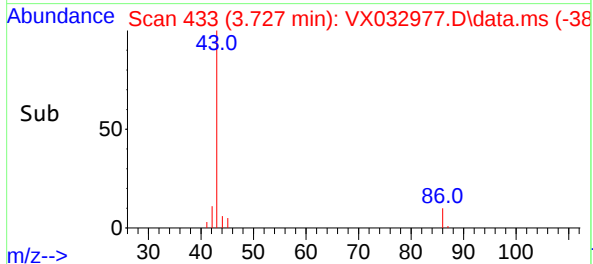
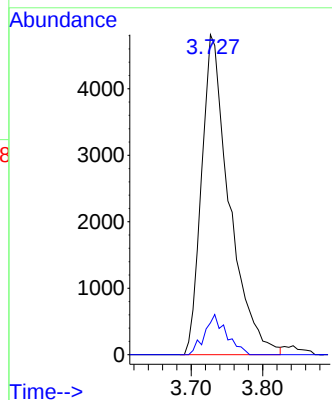
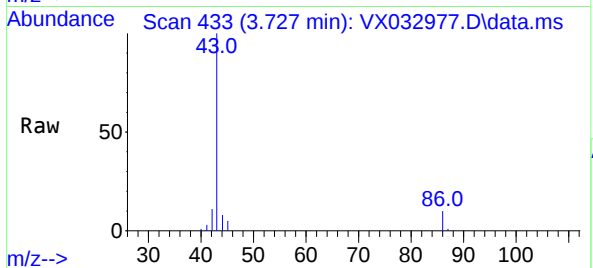




#23  
 Vinyl Acetate  
 Concen: 4.466 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX032977.D  
 Acq: 22 Nov 2022 12:56

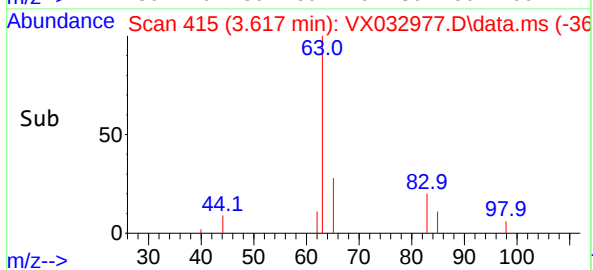
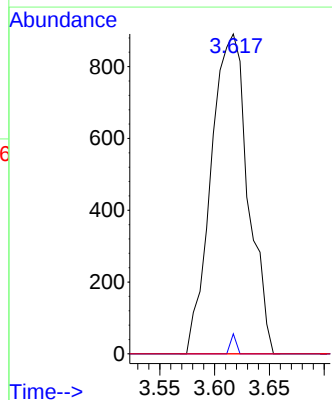
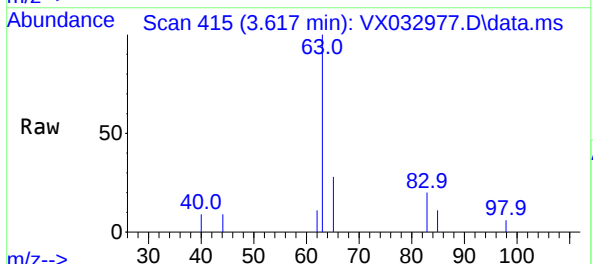
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

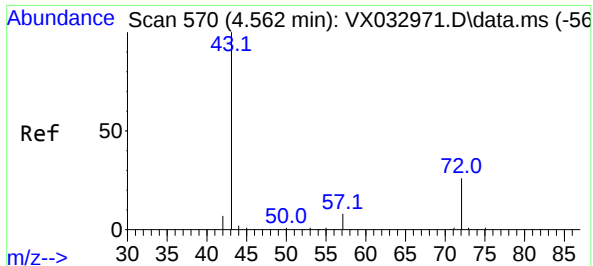
Tgt Ion: 43 Resp: 12970  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 0.985 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.006 min  
 Lab File: VX032977.D  
 Acq: 22 Nov 2022 12:56

Tgt Ion: 63 Resp: 2092  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.5 10.4  
 100 0.0 2.3 6.8#





#25

2-Butanone

Concen: 5.074 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

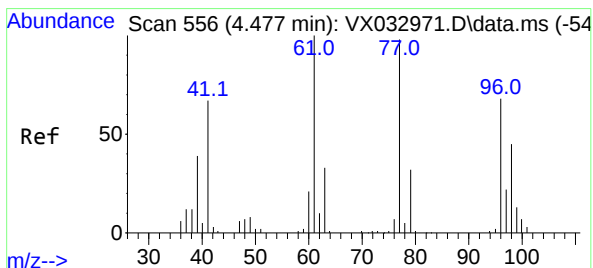
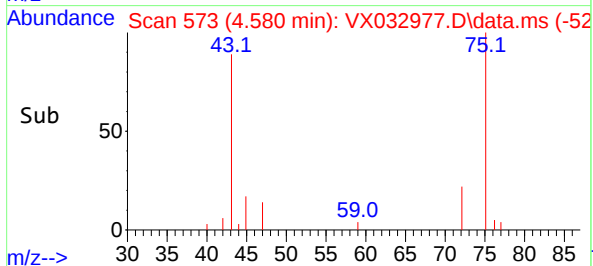
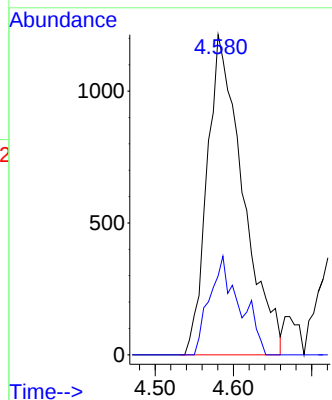
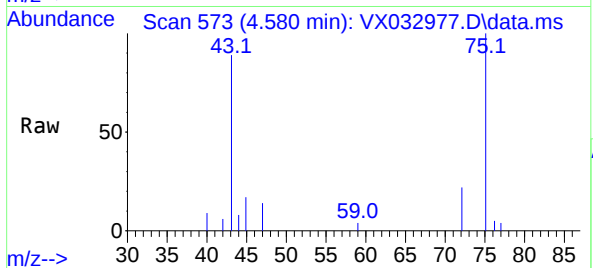
VSTDICC001

Tgt Ion: 43 Resp: 3849

Ion Ratio Lower Upper

43 100

72 24.6 22.2 33.2



#26

2,2-Dichloropropane

Concen: 0.917 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX032977.D

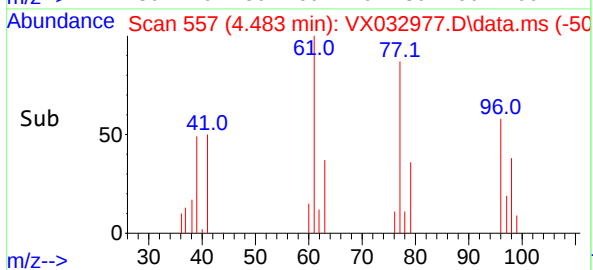
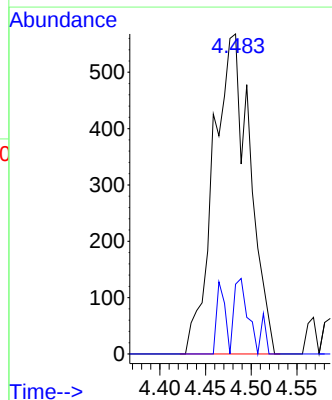
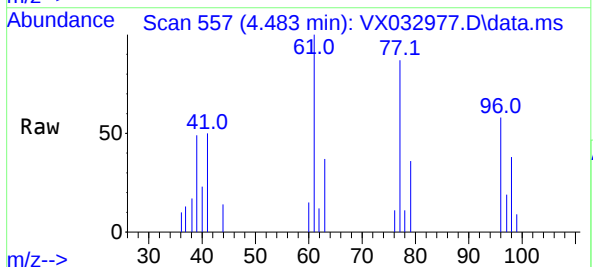
Acq: 22 Nov 2022 12:56

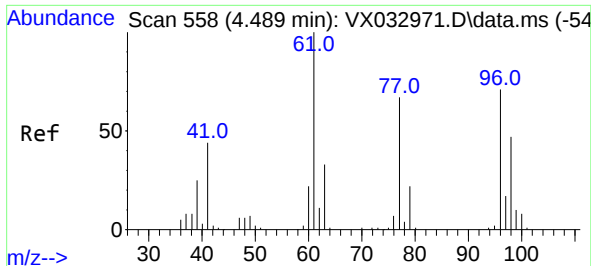
Tgt Ion: 77 Resp: 1566

Ion Ratio Lower Upper

77 100

97 8.9 11.4 34.1#





#27

cis-1,2-Dichloroethene

Concen: 0.978 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

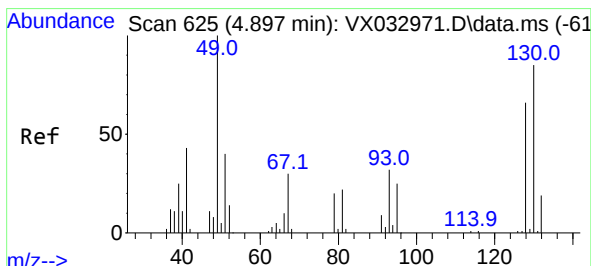
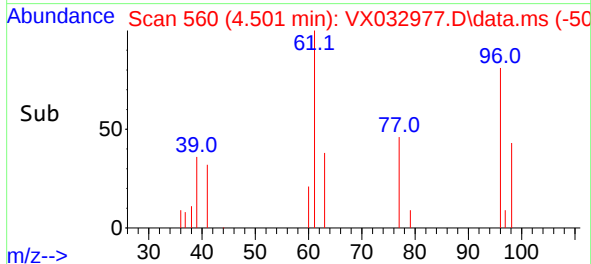
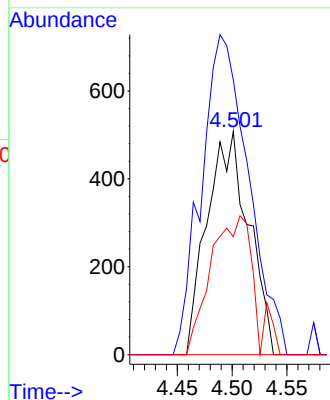
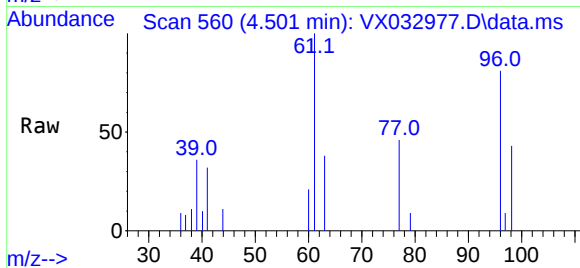
Tgt Ion: 96 Resp: 1341

Ion Ratio Lower Upper

96 100

61 162.0 0.0 286.0

98 64.6 0.0 129.6



#28

Bromochloromethane

Concen: 0.955 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.006 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

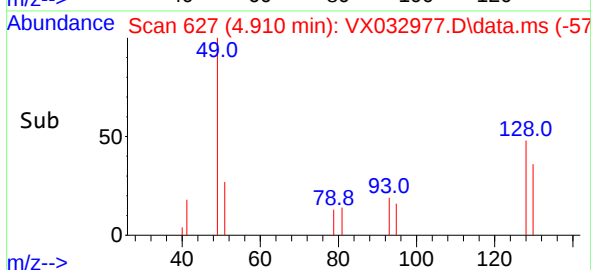
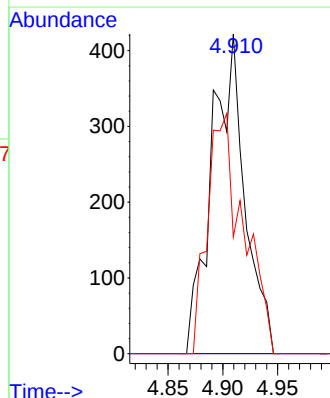
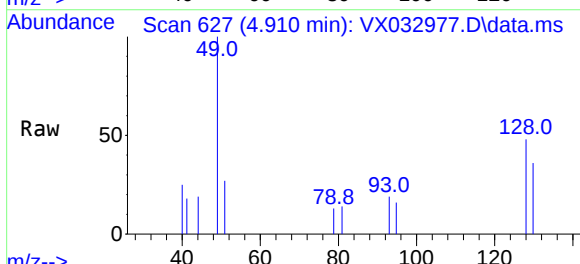
Tgt Ion: 49 Resp: 891

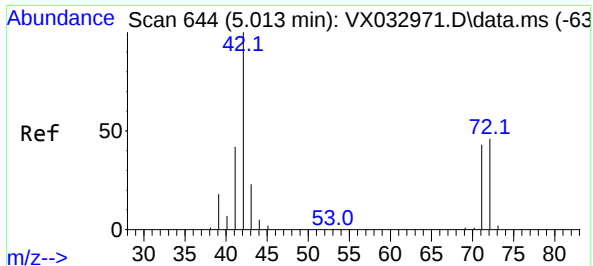
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 81.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 5.184 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

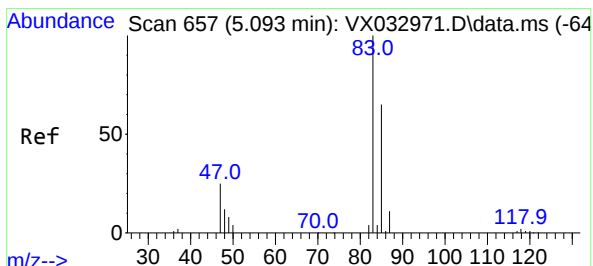
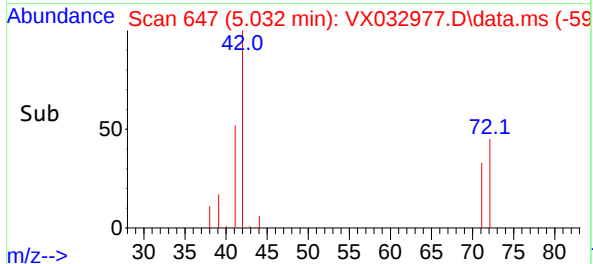
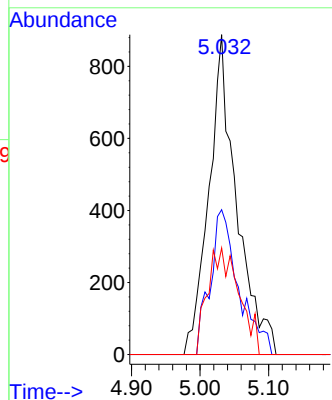
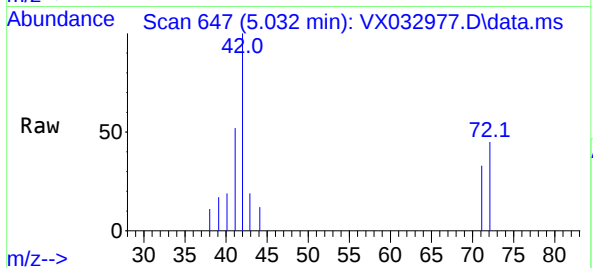
Tgt Ion: 42 Resp: 2495

Ion Ratio Lower Upper

42 100

72 46.7 37.6 56.4

71 37.9 34.7 52.1



#30

Chloroform

Concen: 0.957 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.007 min

Lab File: VX032977.D

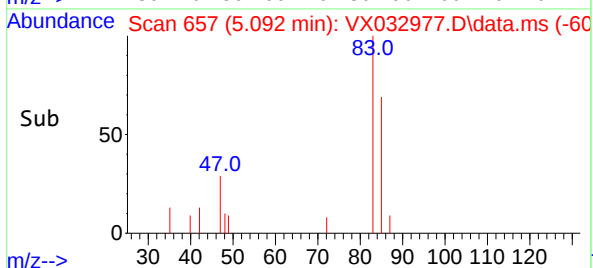
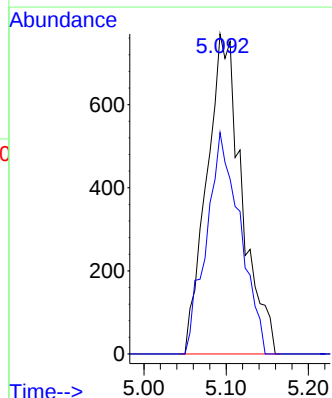
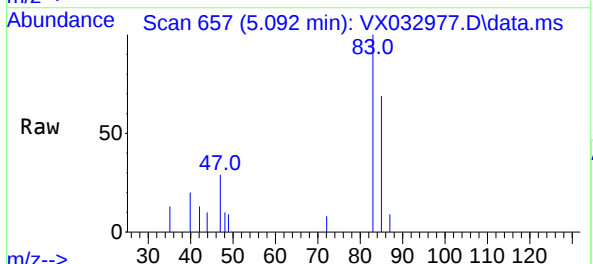
Acq: 22 Nov 2022 12:56

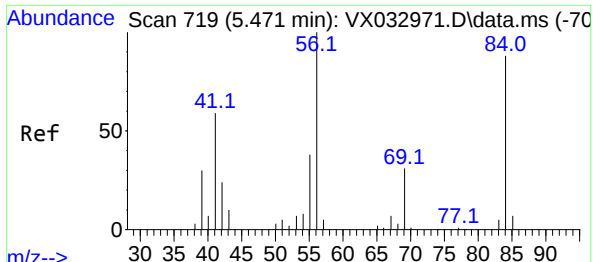
Tgt Ion: 83 Resp: 2276

Ion Ratio Lower Upper

83 100

85 69.2 51.1 76.7

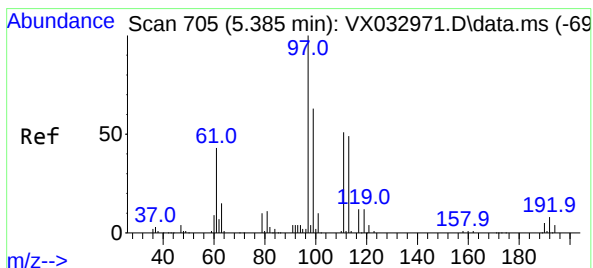
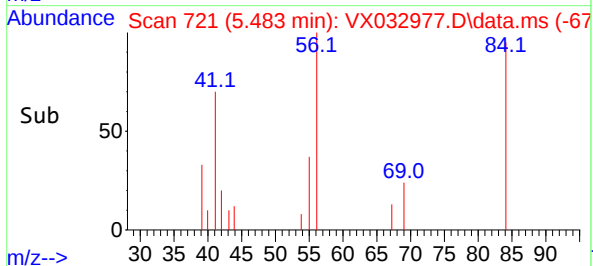
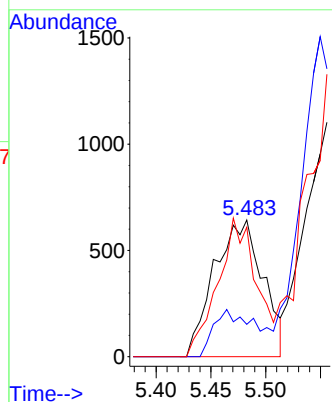
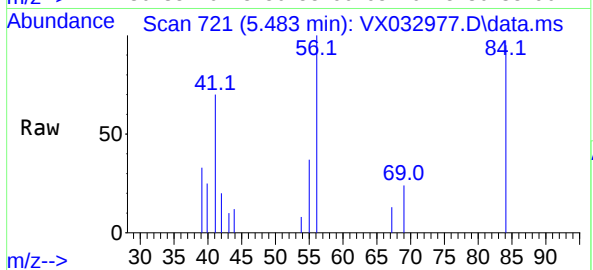




#31  
Cyclohexane  
Concen: 1.039 ug/l  
RT: 5.483 min Scan# 719  
Delta R.T. 0.013 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

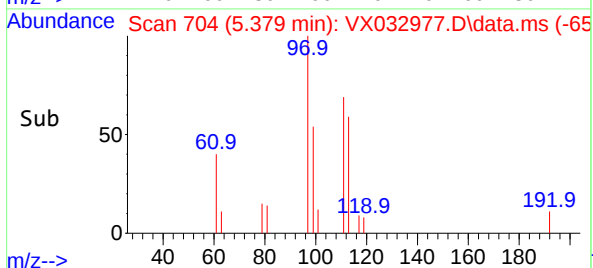
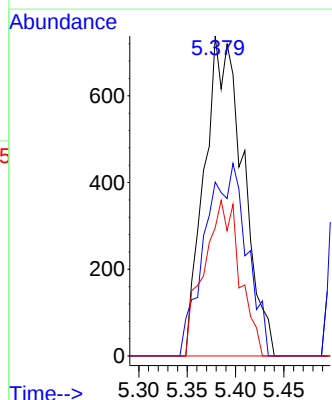
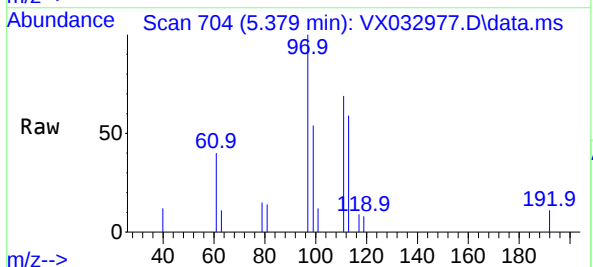
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

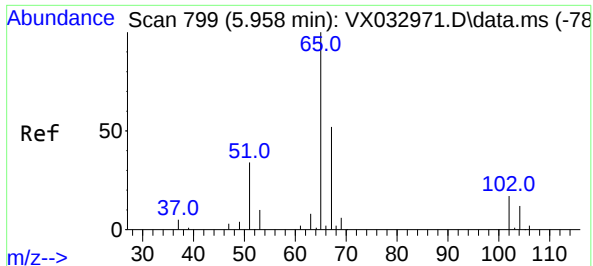
Tgt Ion: 56 Resp: 1983  
Ion Ratio Lower Upper  
56 100  
69 23.6 24.1 36.1#  
84 94.7 66.9 100.3



#32  
1,1,1-Trichloroethane  
Concen: 0.964 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 97 Resp: 2052  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.4 77.0#  
61 45.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: -1.442 ug/l

RT: 5.976 min Scan# 80

Delta R.T. 0.018 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

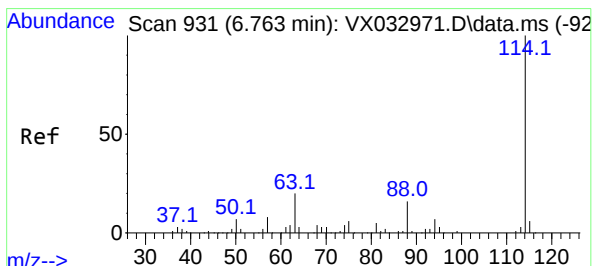
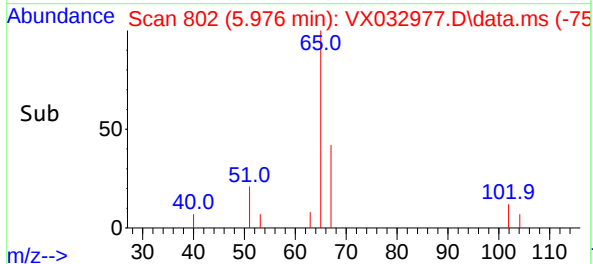
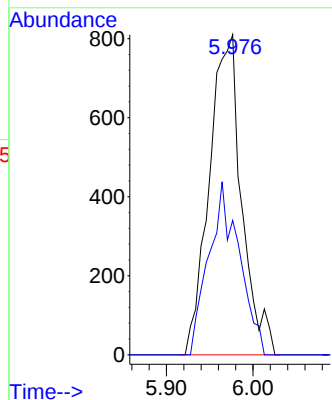
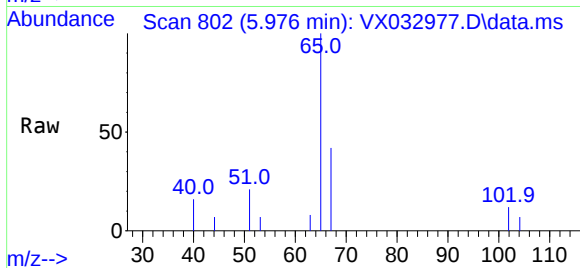
VSTDIC001

Tgt Ion: 65 Resp: 2105

Ion Ratio Lower Upper

65 100

67 50.8 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: VX032977.D

Acq: 22 Nov 2022 12:56

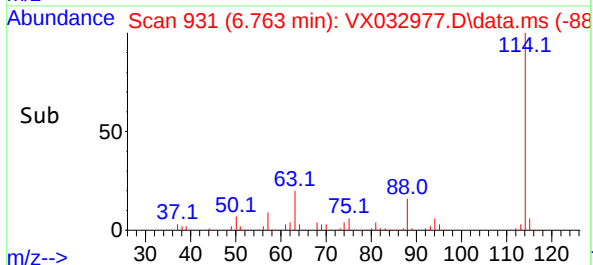
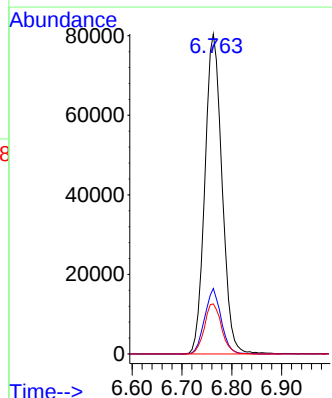
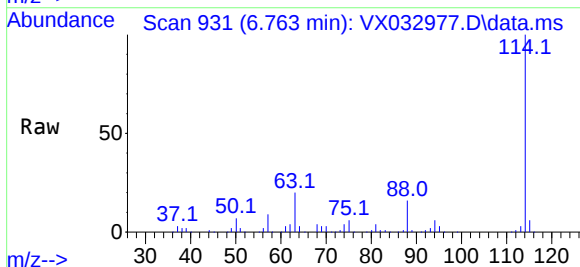
Tgt Ion: 114 Resp: 191968

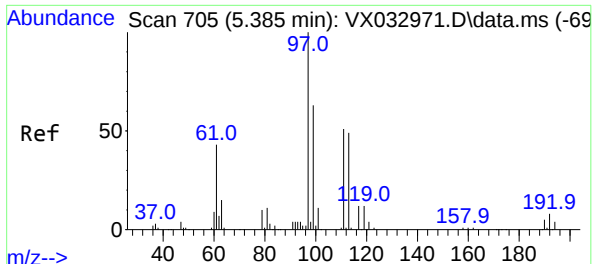
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.6

88 15.6 0.0 33.4

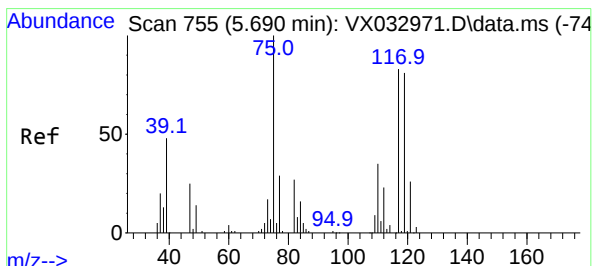
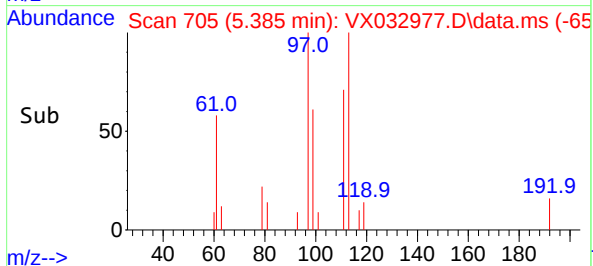
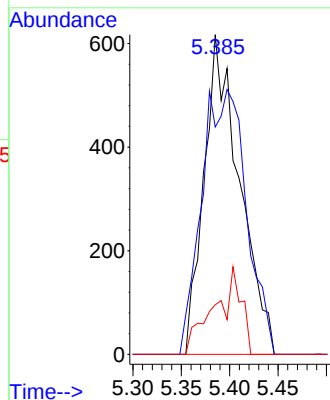
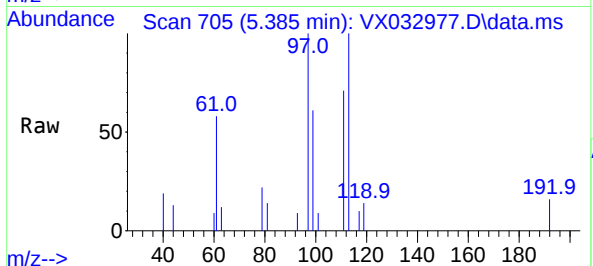




#35  
Dibromofluoromethane  
Concen: 1.455 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

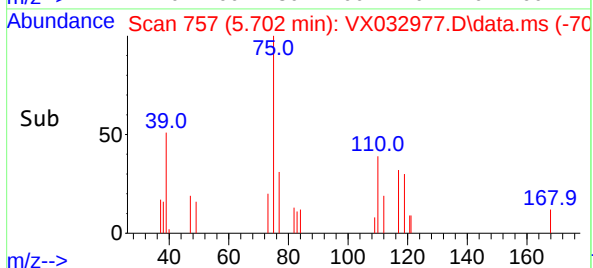
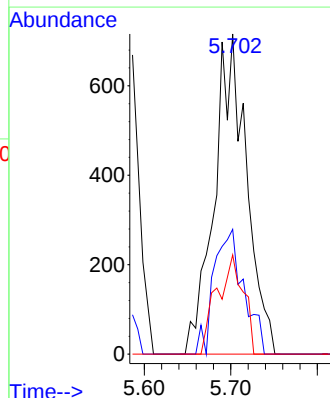
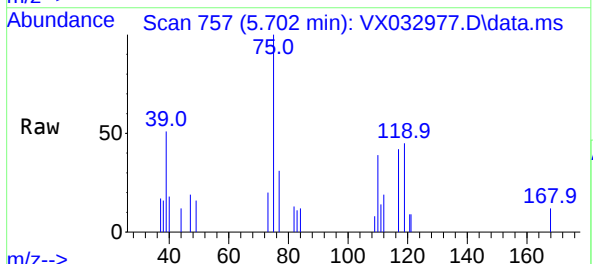
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

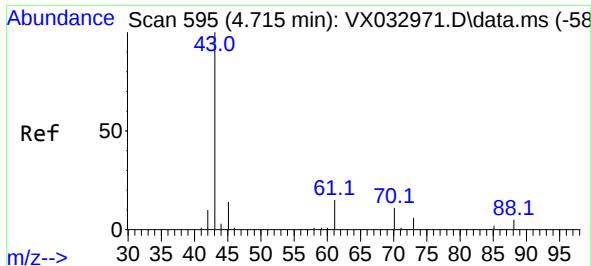
Tgt Ion:113 Resp: 1575  
Ion Ratio Lower Upper  
113 100  
111 103.9 82.4 123.6  
192 20.8 15.4 23.2



#36  
1,1-Dichloropropene  
Concen: 1.070 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 75 Resp: 1851  
Ion Ratio Lower Upper  
75 100  
110 35.9 18.4 55.2  
77 25.4 24.5 36.7





#37

Ethyl Acetate

Concen: 0.570 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

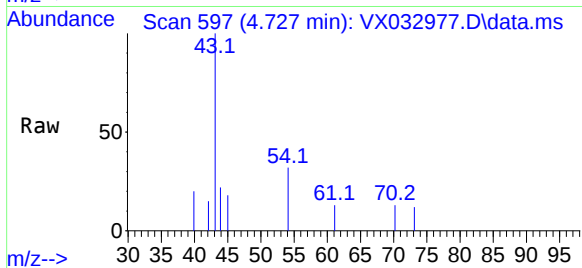
Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

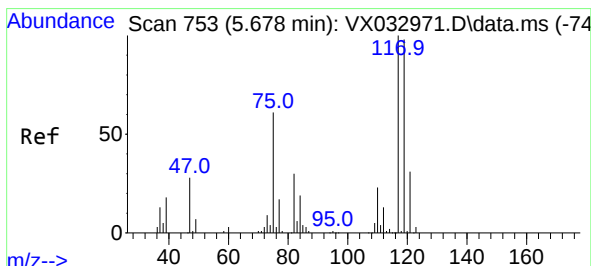
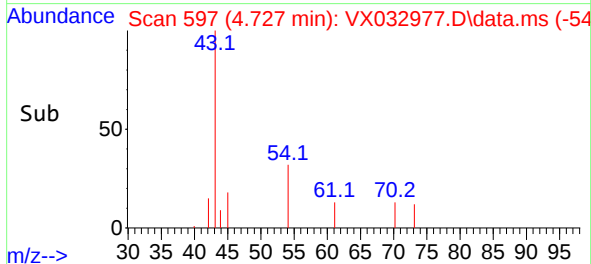
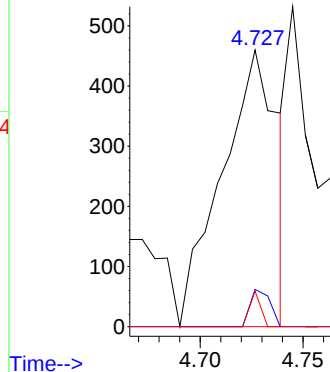
43 100

61 0.0 11.5 17.3#

70 2.6 9.1 13.7#



Abundance



#38

Carbon Tetrachloride

Concen: 1.013 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

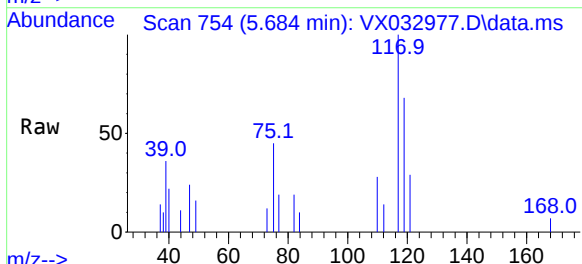
Tgt Ion: 117 Resp: 1945

Ion Ratio Lower Upper

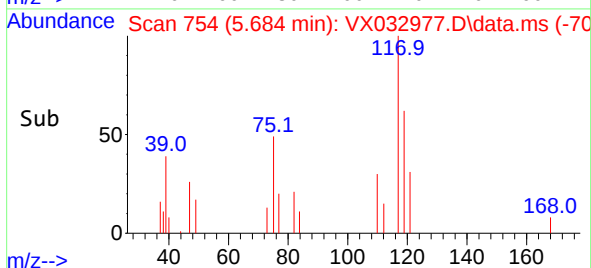
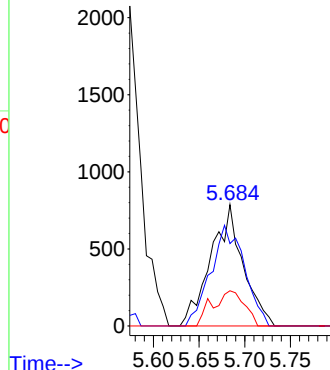
117 100

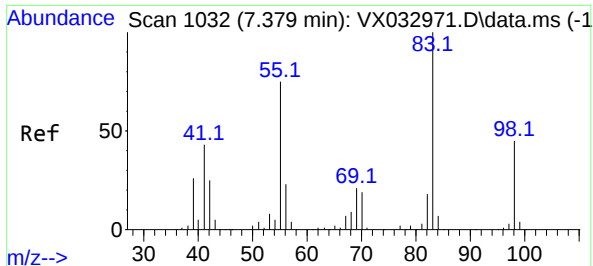
119 68.0 77.2 115.8#

121 29.1 25.8 38.6



Abundance





#39

Methylcyclohexane

Concen: 0.991 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

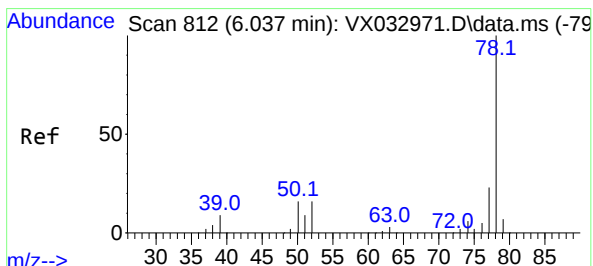
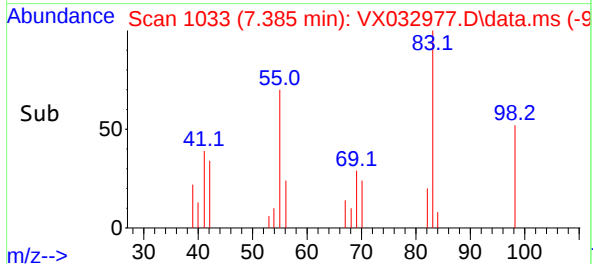
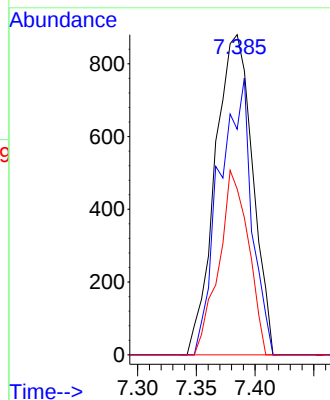
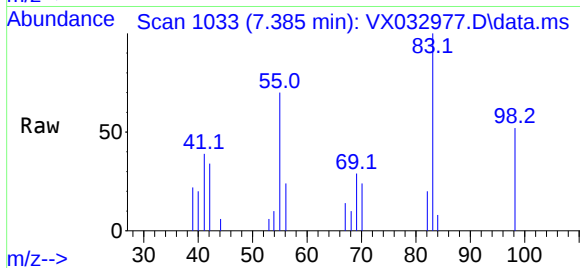
Tgt Ion: 83 Resp: 1956

Ion Ratio Lower Upper

83 100

55 70.5 58.4 87.6

98 51.8 37.2 55.8



#40

Benzene

Concen: 0.978 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX032977.D

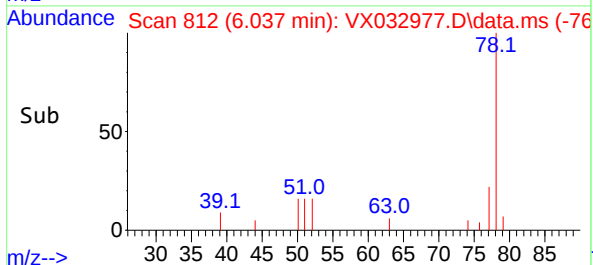
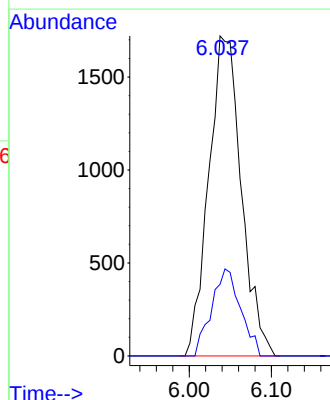
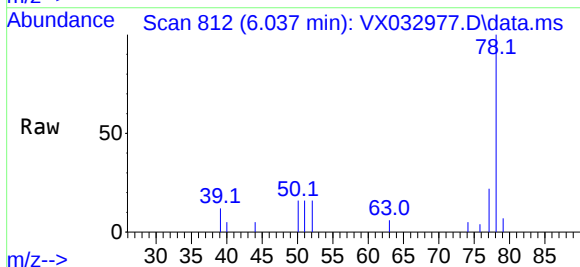
Acq: 22 Nov 2022 12:56

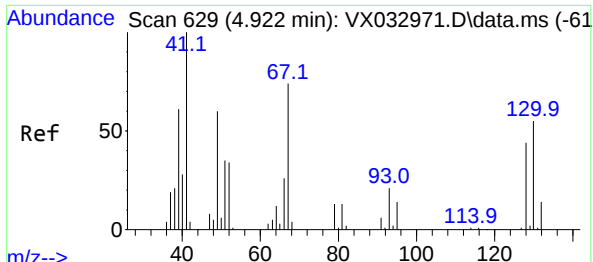
Tgt Ion: 78 Resp: 4743

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.4



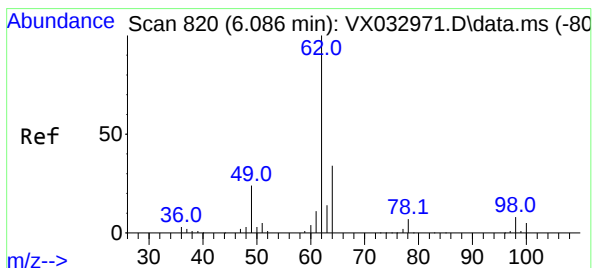
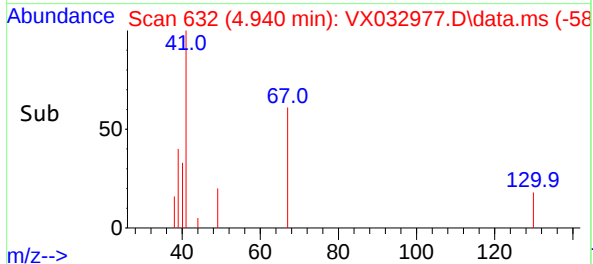
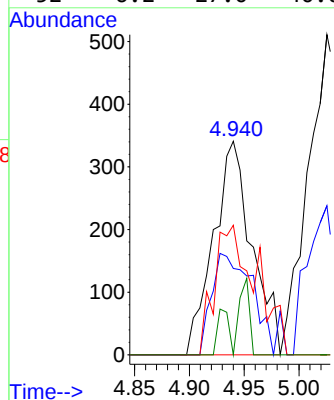
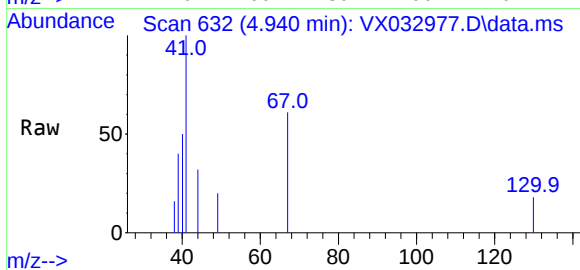


#41  
Methacrylonitrile  
Concen: 0.982 ug/l  
RT: 4.940 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 41 Resp: 834

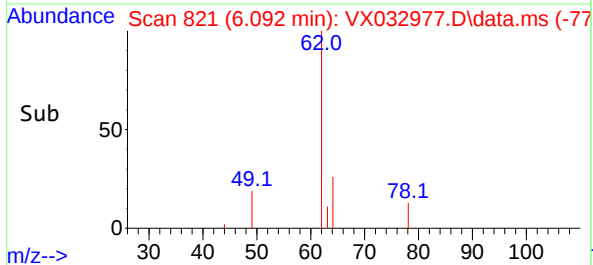
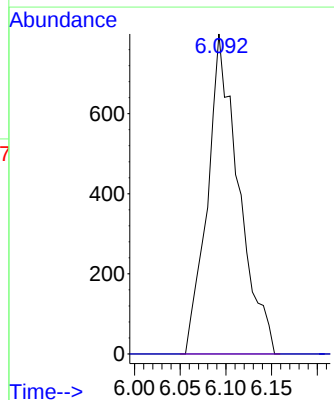
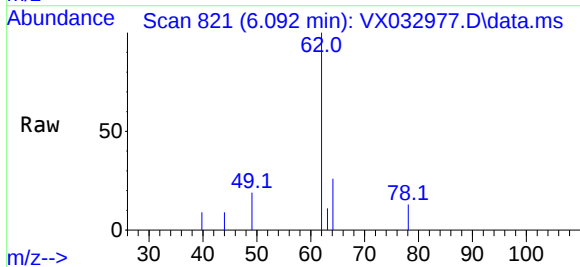
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 49.5  | 47.5  | 71.3  |
| 67  | 66.3  | 60.5  | 90.7  |
| 52  | 6.2   | 27.0  | 40.6  |

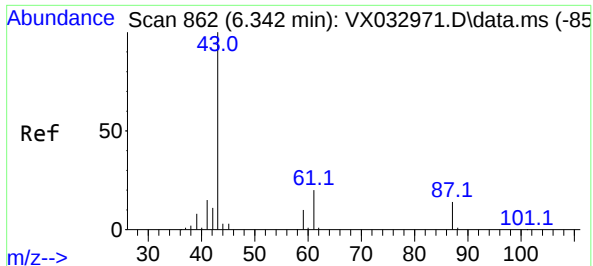


#42  
1,2-Dichloroethane  
Concen: 0.972 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 62 Resp: 1898

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

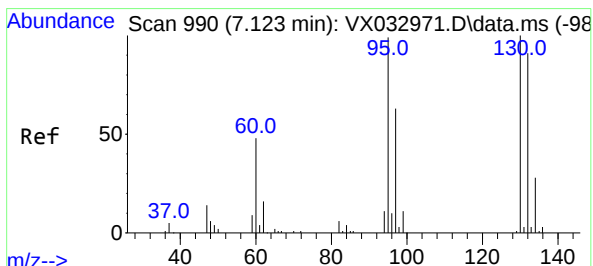
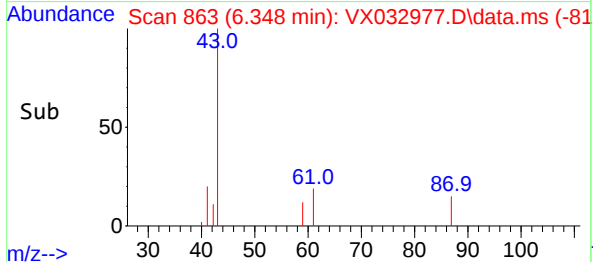
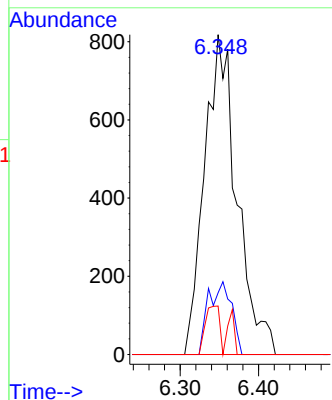
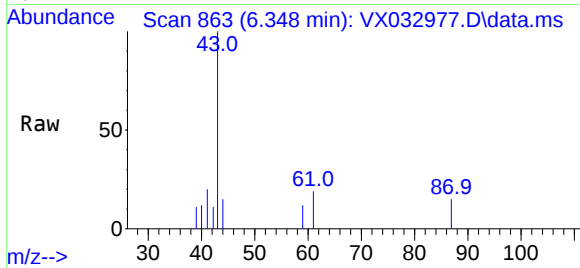




#43  
Isopropyl Acetate  
Concen: 0.941 ug/l  
RT: 6.348 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

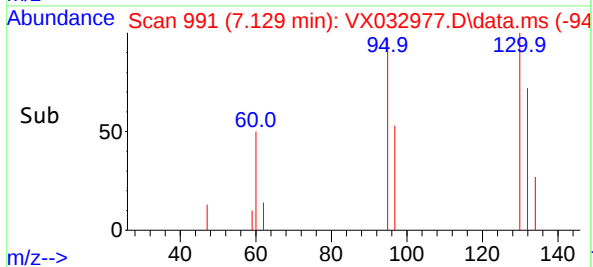
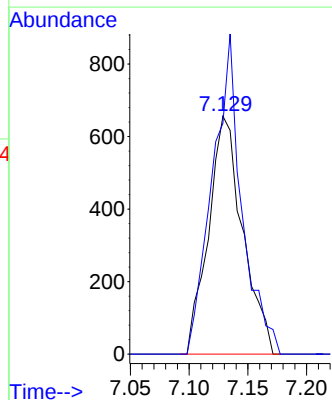
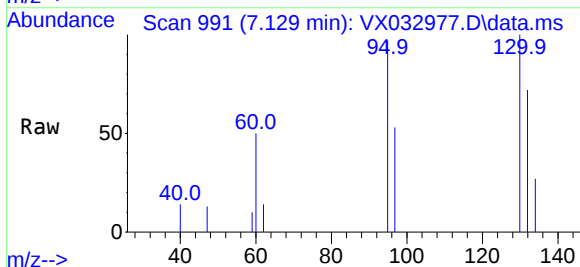
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

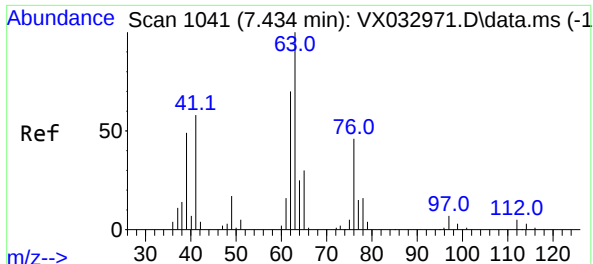
Tgt Ion: 43 Resp: 2349  
Ion Ratio Lower Upper  
43 100  
61 16.3 15.4 23.0  
87 6.6 10.8 16.2#



#44  
Trichloroethene  
Concen: 0.976 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 130 Resp: 1329  
Ion Ratio Lower Upper  
130 100  
95 97.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 0.921 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.007 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

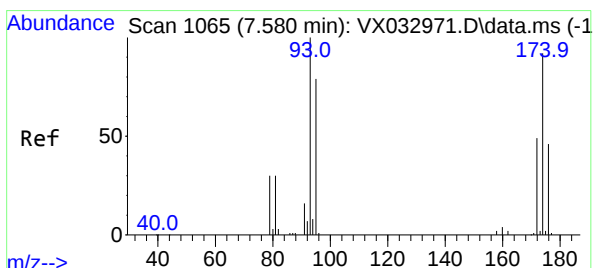
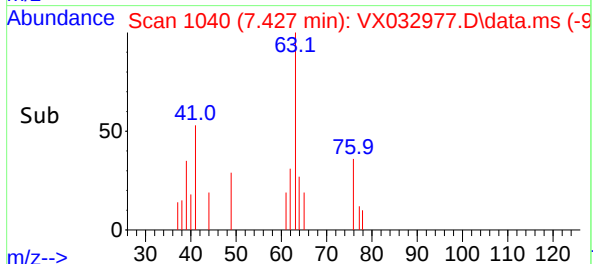
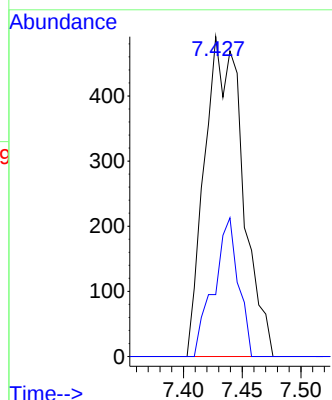
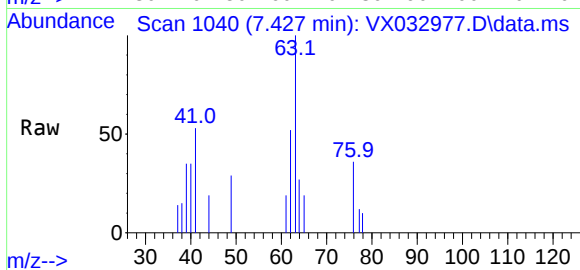
VSTDIC001

Tgt Ion: 63 Resp: 1104

Ion Ratio Lower Upper

63 100

65 19.3 24.6 36.8#



#46

Dibromomethane

Concen: 1.040 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

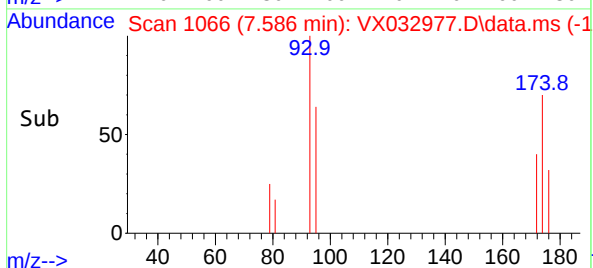
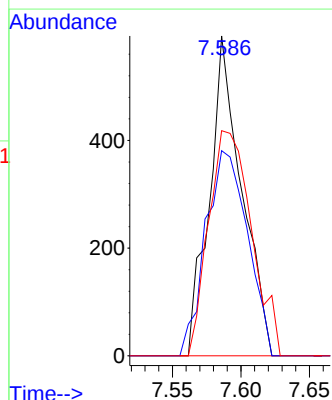
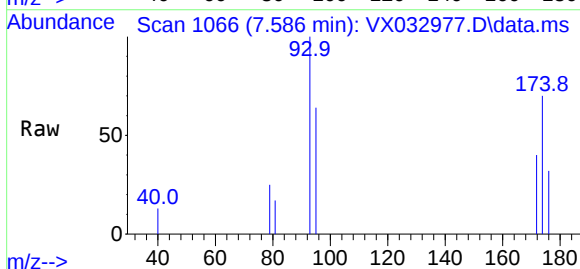
Tgt Ion: 93 Resp: 973

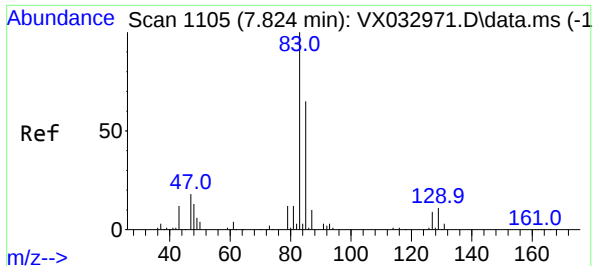
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 93.5 79.8 119.6



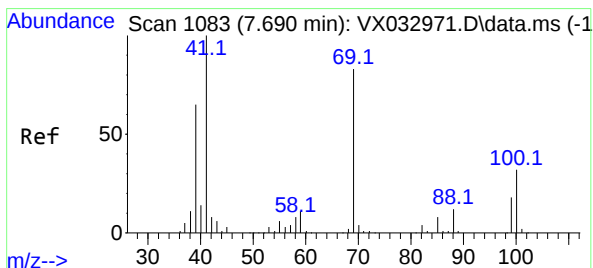
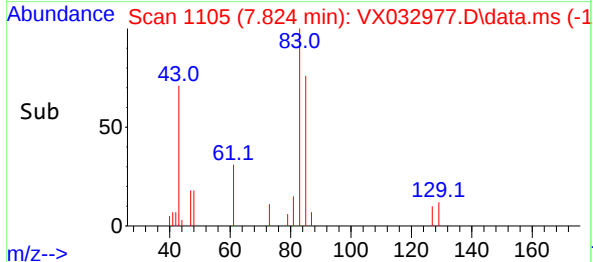
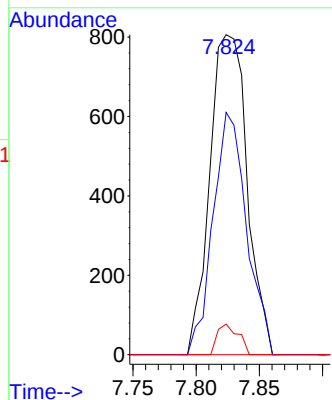
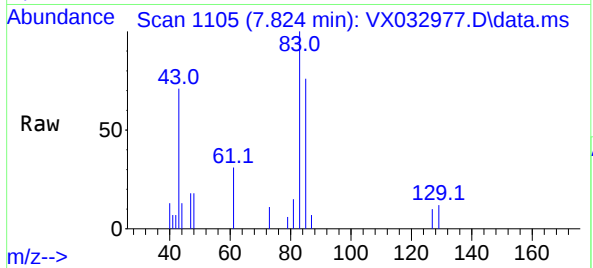


#47  
Bromodichloromethane  
Concen: 0.917 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 83 Resp: 1657

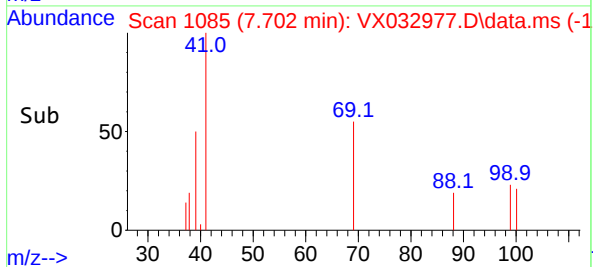
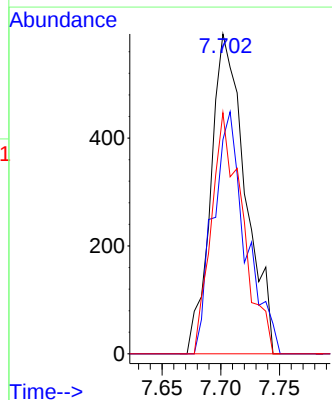
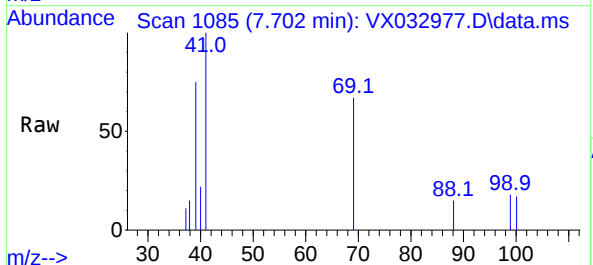
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 75.7  | 52.2  | 78.4  |
| 127 | 9.6   | 7.4   | 11.2  |

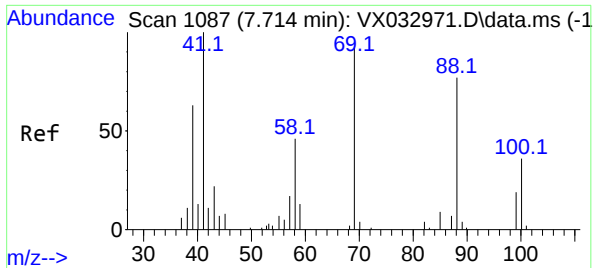


#48  
Methyl methacrylate  
Concen: 0.945 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 41 Resp: 1214

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 71.3  | 65.1  | 97.7  |
| 39  | 67.9  | 51.9  | 77.9  |

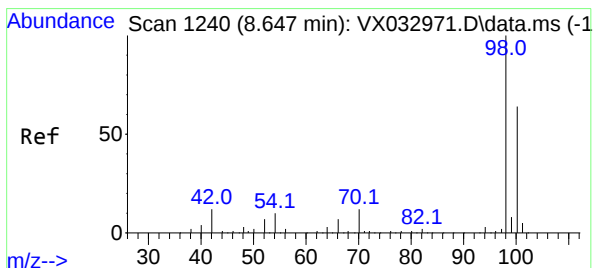
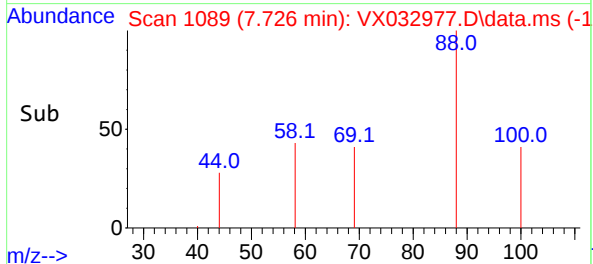
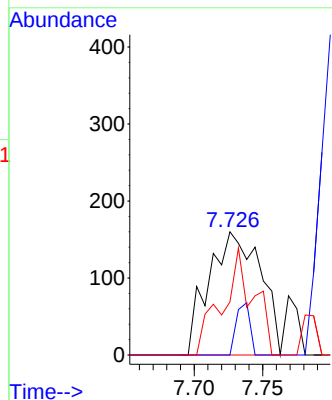
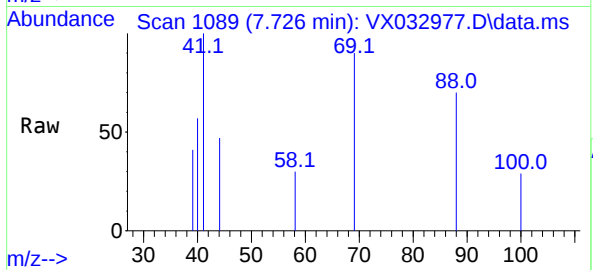




#49  
1,4-Dioxane  
Concen: 17.795 ug/l  
RT: 7.726 min Scan# 1089  
Delta R.T. 0.055 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

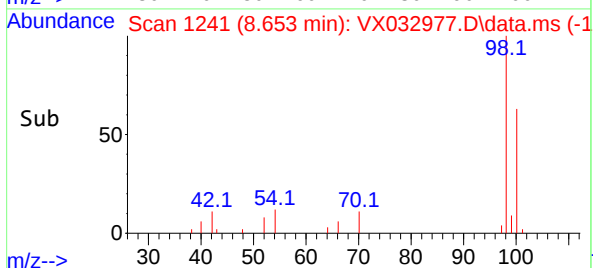
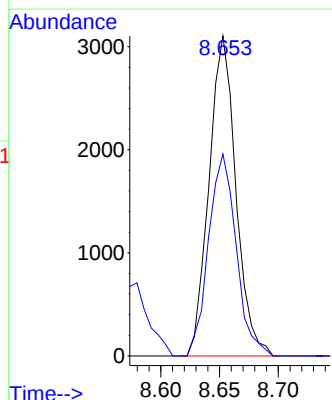
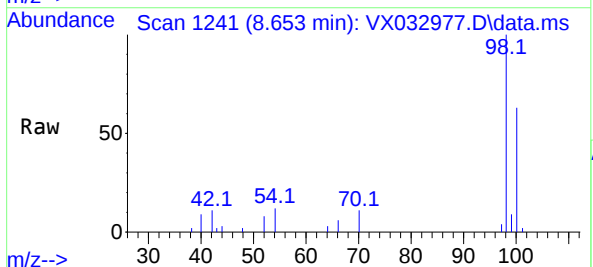
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

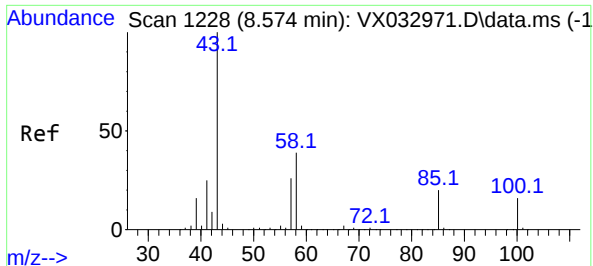
Tgt Ion: 88 Resp: 421  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.6 39.8#  
58 52.3 51.7 77.5



#50  
Toluene-d8  
Concen: -0.669 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 98 Resp: 4941  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 4.676 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

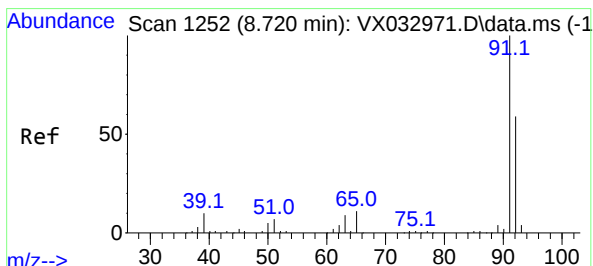
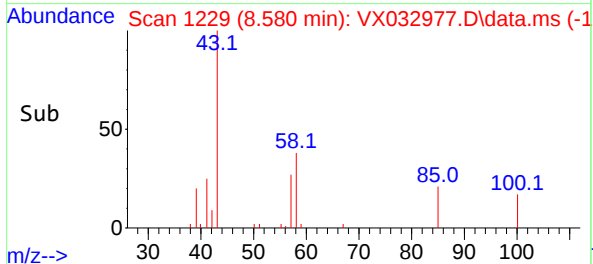
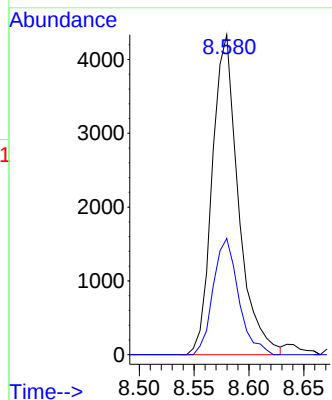
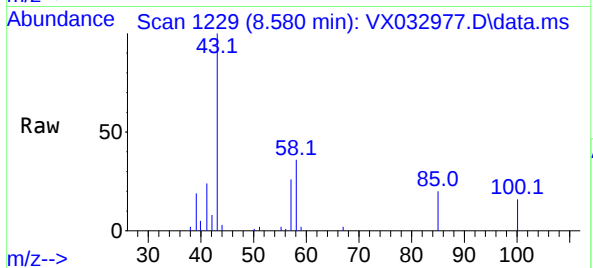
VSTDICC001

Tgt Ion: 43 Resp: 7205

Ion Ratio Lower Upper

43 100

58 35.3 30.9 46.3



#52

Toluene

Concen: 0.932 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX032977.D

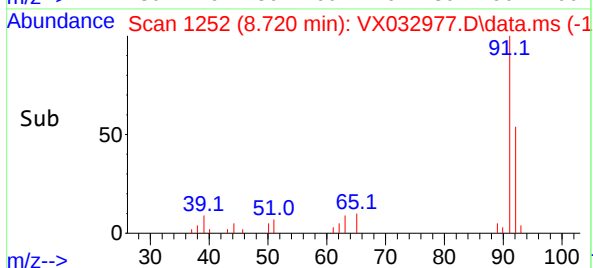
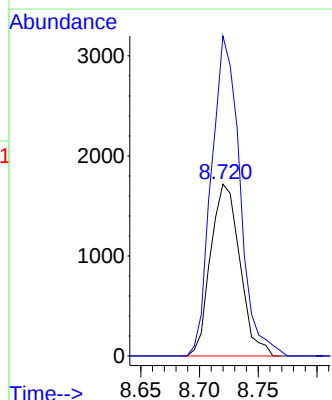
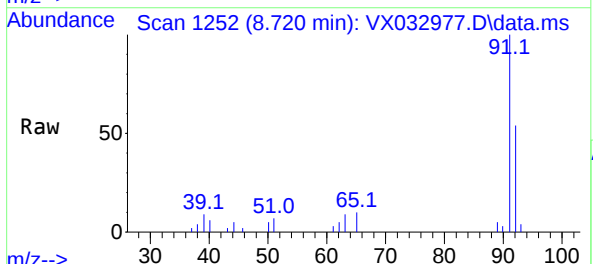
Acq: 22 Nov 2022 12:56

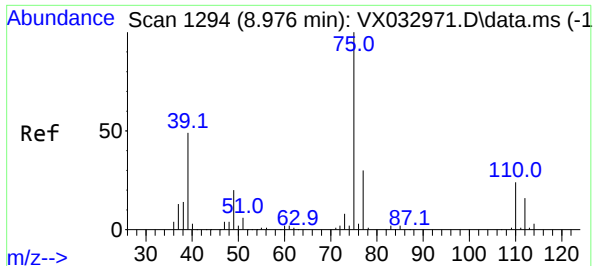
Tgt Ion: 92 Resp: 2975

Ion Ratio Lower Upper

92 100

91 180.9 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 2.177 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

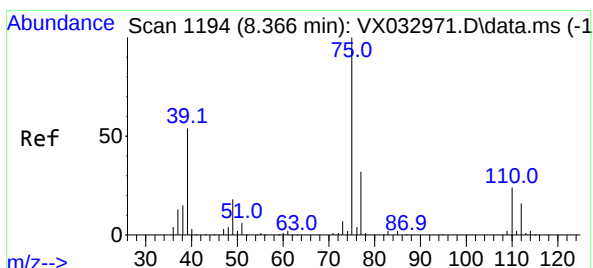
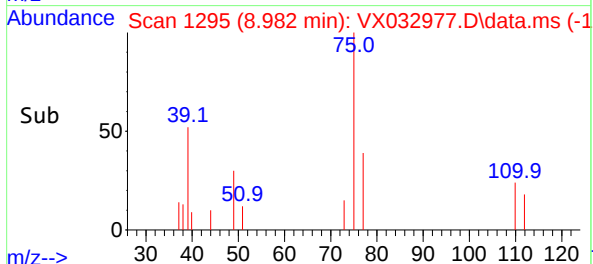
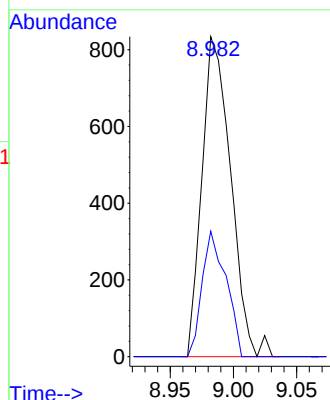
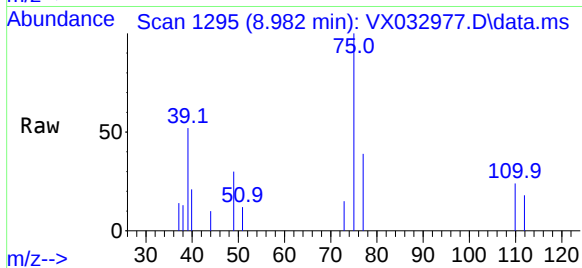
VSTDIC001

Tgt Ion: 75 Resp: 1322

Ion Ratio Lower Upper

75 100

77 39.2 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 0.849 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

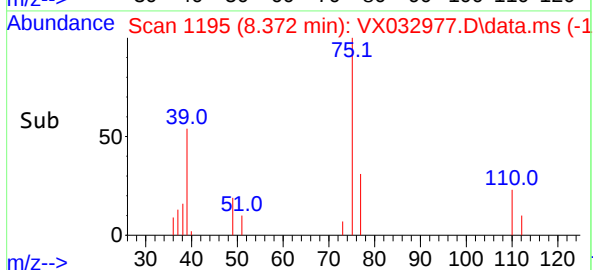
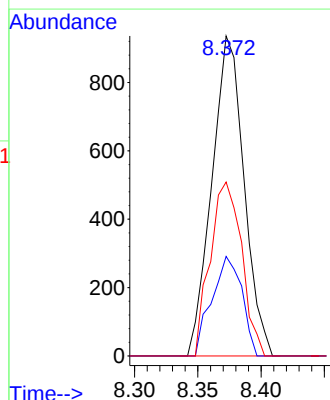
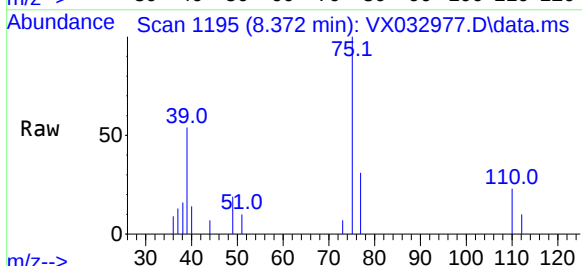
Tgt Ion: 75 Resp: 1654

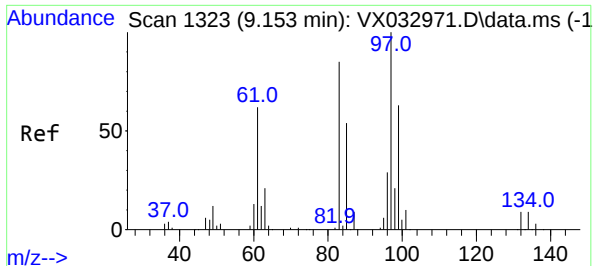
Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

39 54.4 45.5 68.3



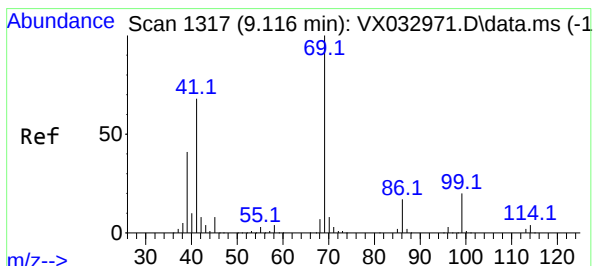
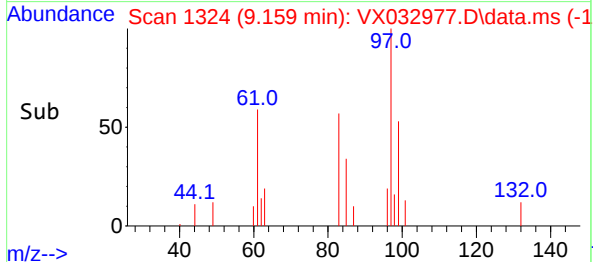
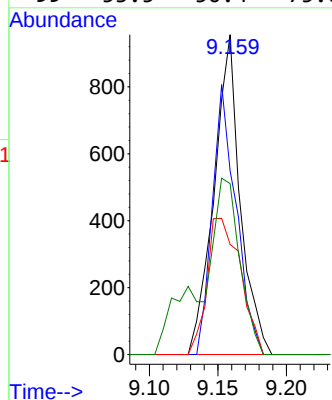
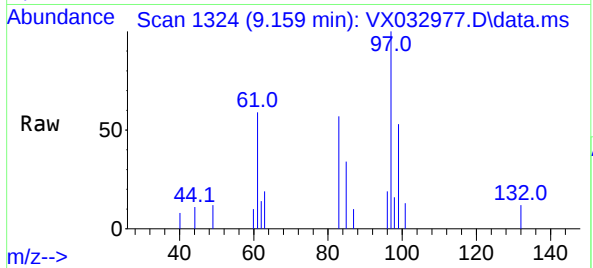


#55  
1,1,2-Trichloroethane  
Concen: 0.980 ug/l  
RT: 9.159 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 97 Resp: 1273

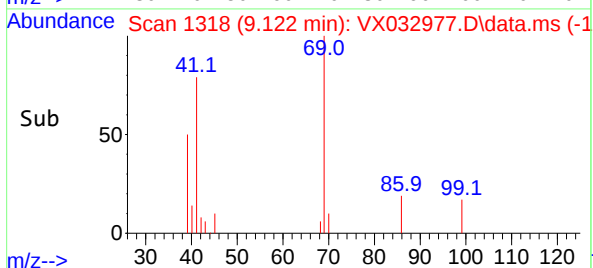
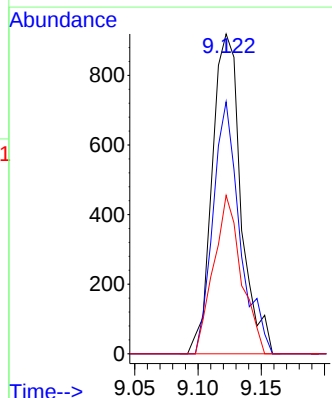
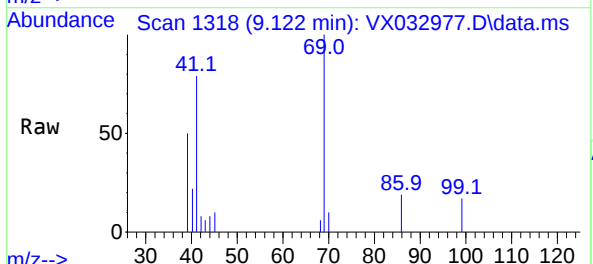
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 97  | 100   |       |        |
| 83  | 57.4  | 68.1  | 102.1# |
| 85  | 34.4  | 43.3  | 64.9#  |
| 99  | 53.5  | 50.4  | 75.6   |

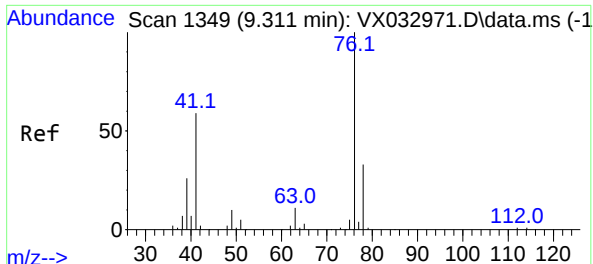


#56  
Ethyl methacrylate  
Concen: 0.810 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 69 Resp: 1451

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 73.6  | 54.3  | 81.5  |
| 39  | 47.7  | 35.2  | 52.8  |

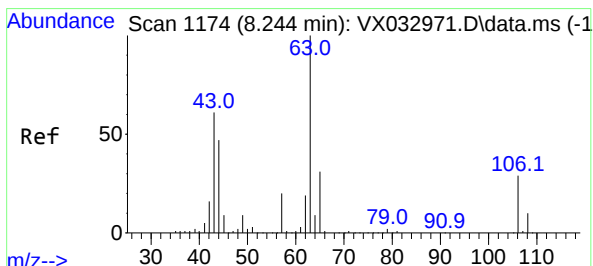
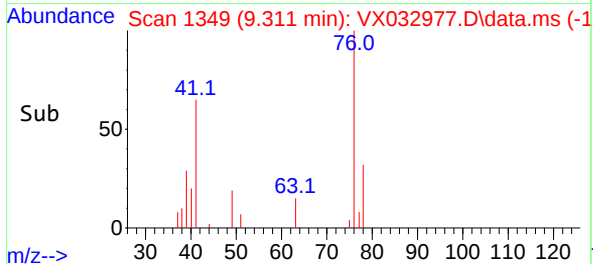
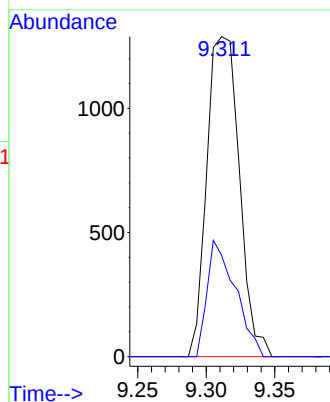
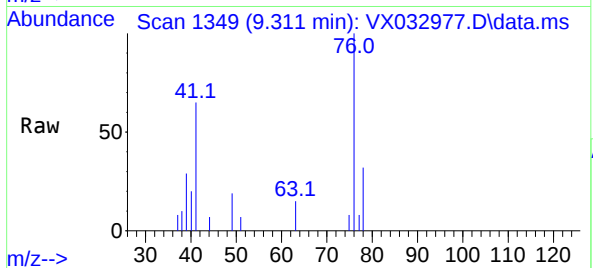




#57  
1,3-Dichloropropane  
Concen: 1.016 ug/l  
RT: 9.311 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

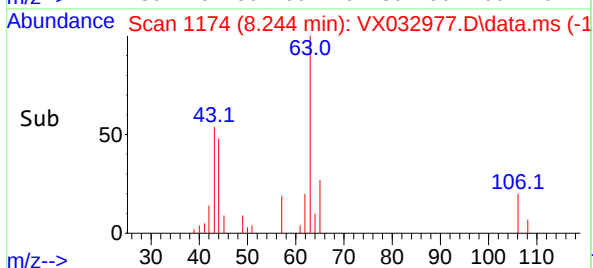
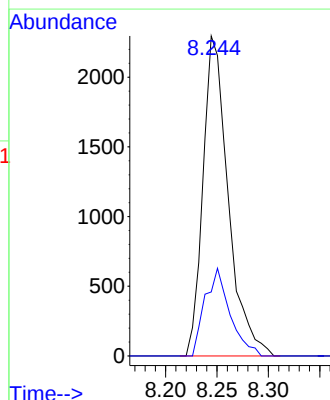
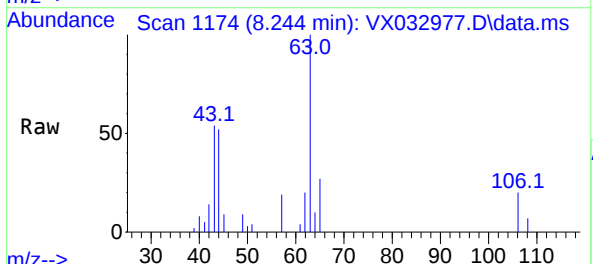
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

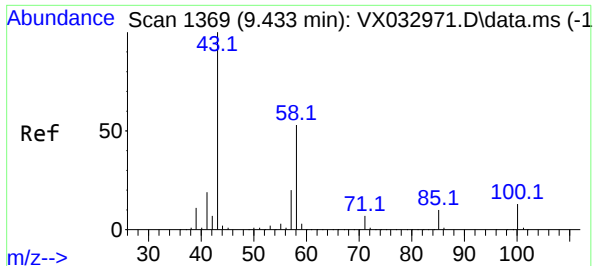
Tgt Ion: 76 Resp: 2132  
Ion Ratio Lower Upper  
76 100  
78 31.4 26.0 39.0



#58  
2-Chloroethyl Vinyl ether  
Concen: 4.613 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 63 Resp: 3922  
Ion Ratio Lower Upper  
63 100  
106 27.2 23.3 34.9





#59

2-Hexanone

Concen: 4.535 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

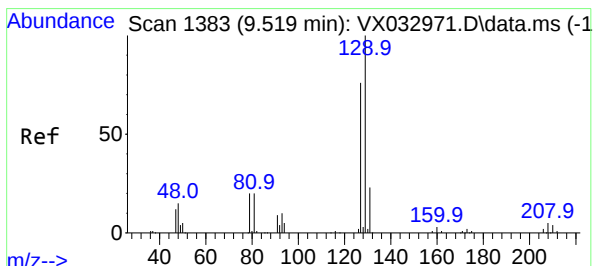
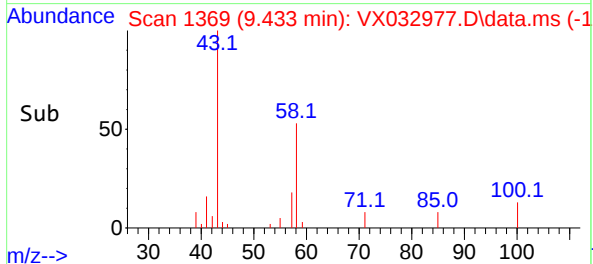
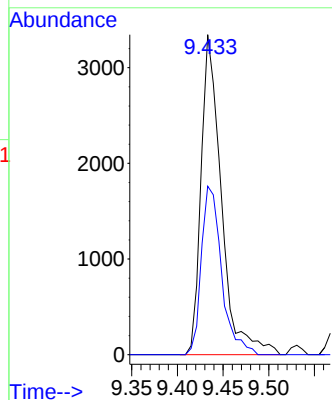
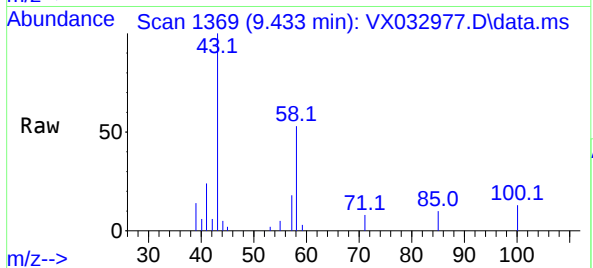
VSTDICC001

Tgt Ion: 43 Resp: 5161

Ion Ratio Lower Upper

43 100

58 52.6 26.5 79.5



#60

Dibromochloromethane

Concen: 0.928 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX032977.D

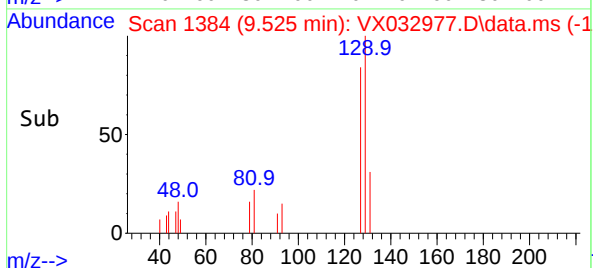
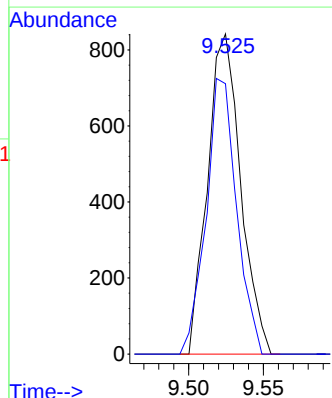
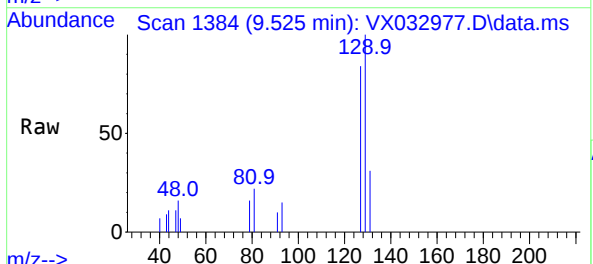
Acq: 22 Nov 2022 12:56

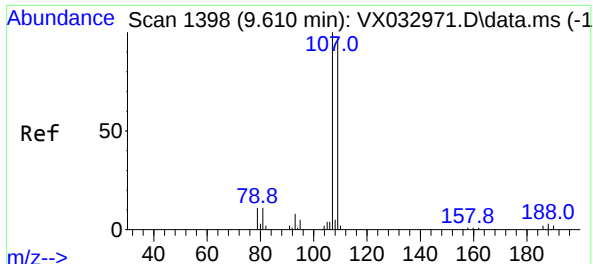
Tgt Ion:129 Resp: 1298

Ion Ratio Lower Upper

129 100

127 79.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.953 ug/l

RT: 9.616 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

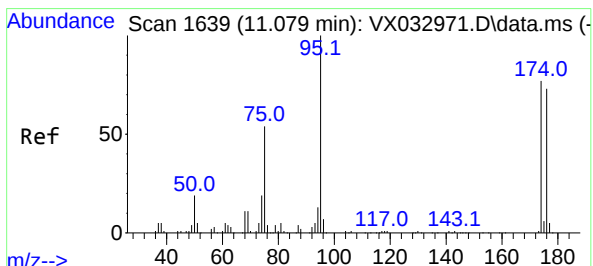
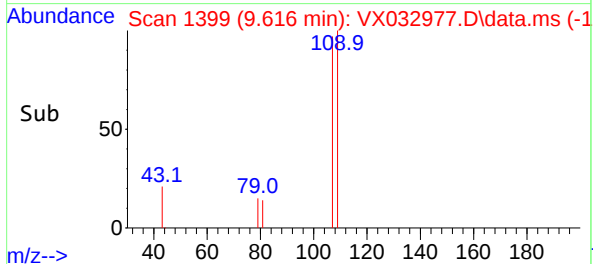
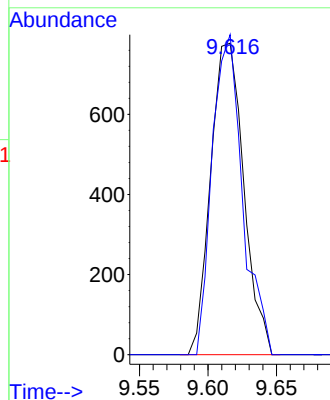
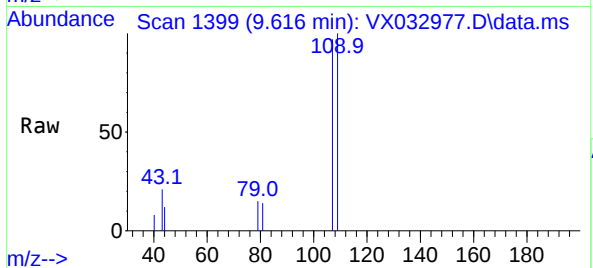
VSTDIC001

Tgt Ion:107 Resp: 1307

Ion Ratio Lower Upper

107 100

109 94.1 76.0 114.0



#62

4-Bromofluorobenzene

Concen: 1.149 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

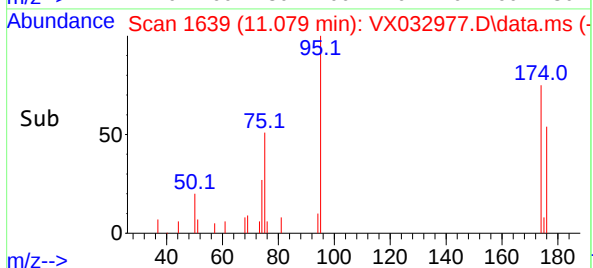
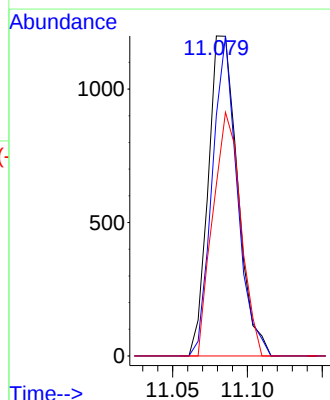
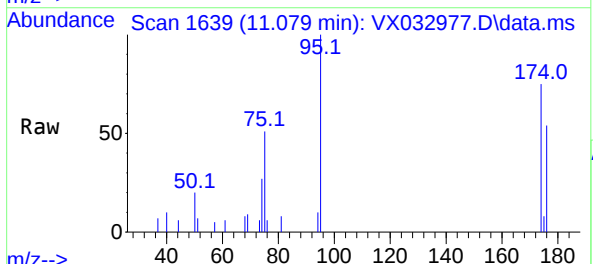
Tgt Ion: 95 Resp: 1634

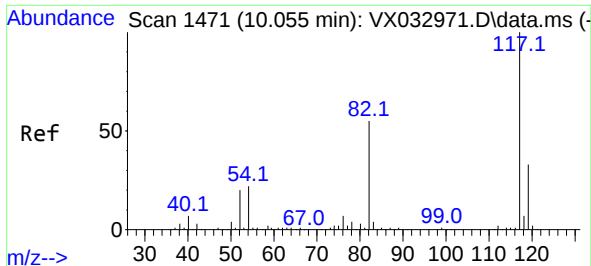
Ion Ratio Lower Upper

95 100

174 85.1 0.0 164.0

176 72.2 0.0 154.4

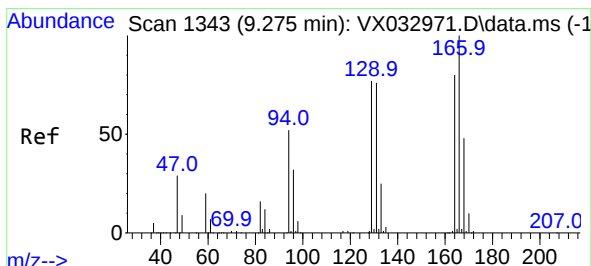
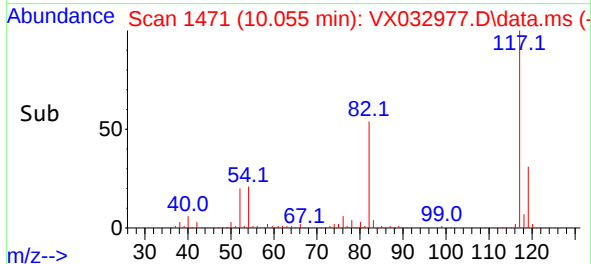
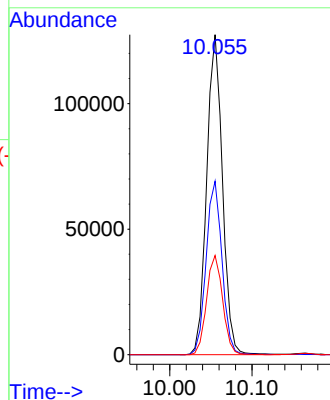
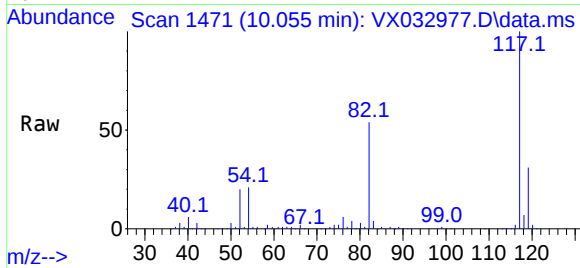




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

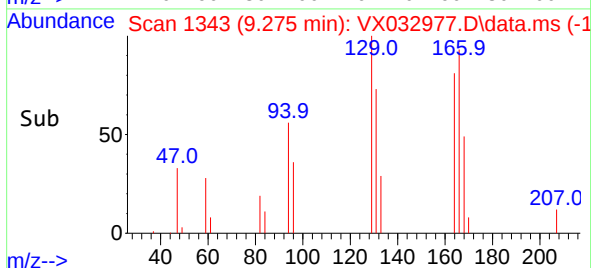
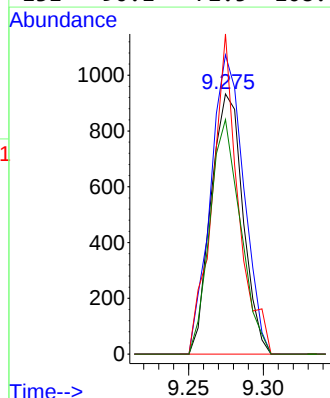
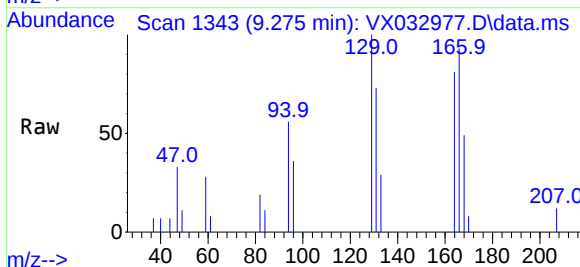
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

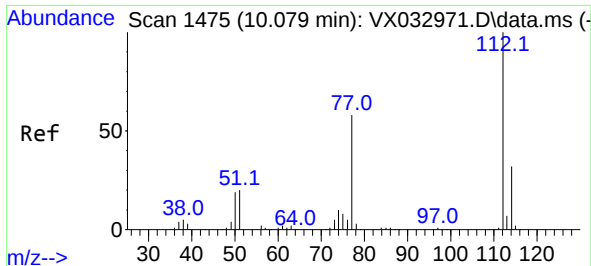
Tgt Ion:117 Resp: 169802  
Ion Ratio Lower Upper  
117 100  
82 54.2 44.3 66.5  
119 31.0 25.7 38.5



#64  
Tetrachloroethene  
Concen: 1.155 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion:164 Resp: 1388  
Ion Ratio Lower Upper  
164 100  
166 115.0 105.4 158.2  
129 123.0 78.2 117.2#  
131 90.1 72.5 108.7

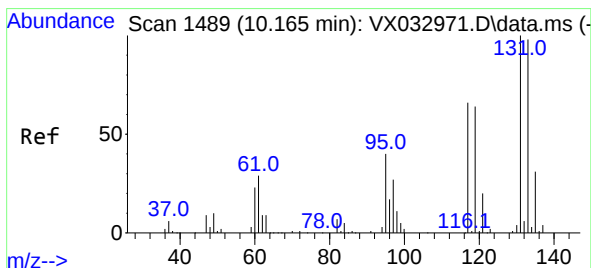
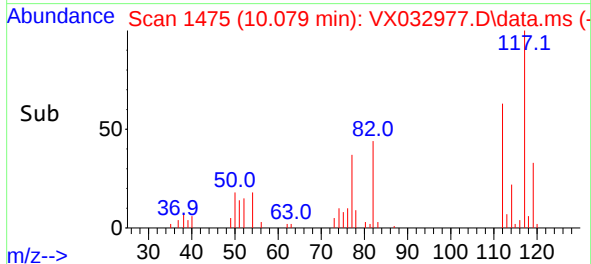
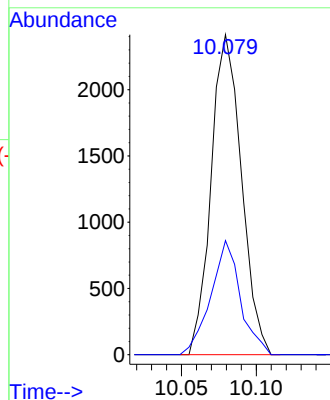
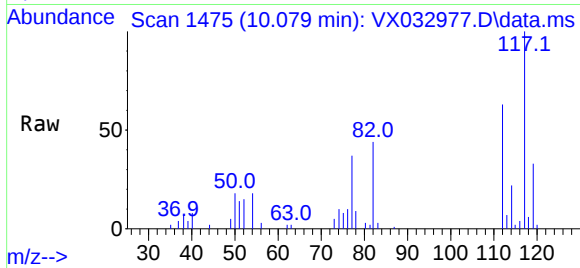




#65  
Chlorobenzene  
Concen: 1.005 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

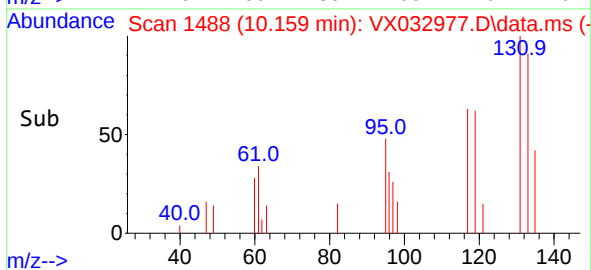
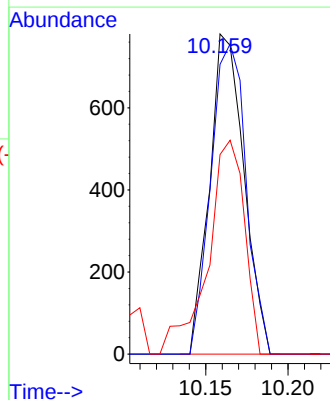
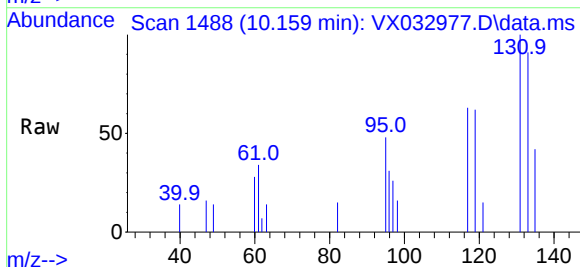
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

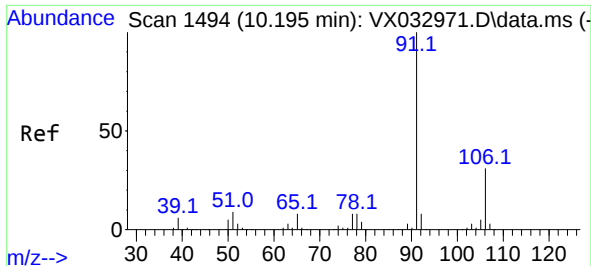
Tgt Ion:112 Resp: 3401  
Ion Ratio Lower Upper  
112 100  
114 35.7 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.914 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion:131 Resp: 1134  
Ion Ratio Lower Upper  
131 100  
133 99.4 47.6 142.9  
119 0.0 32.4 97.0#





#67

Ethyl Benzene

Concen: 0.932 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

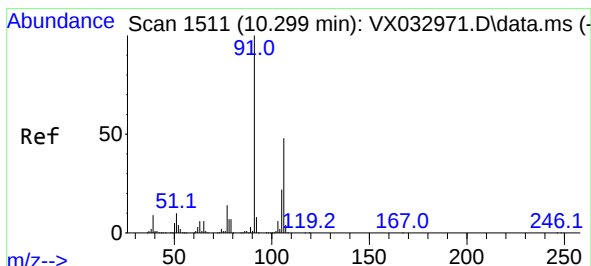
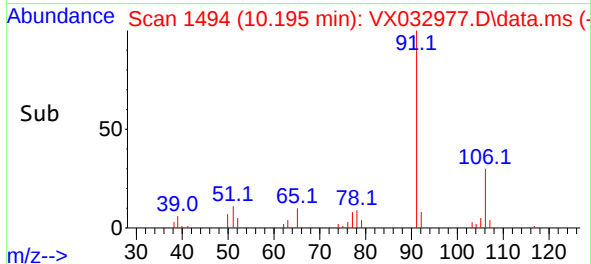
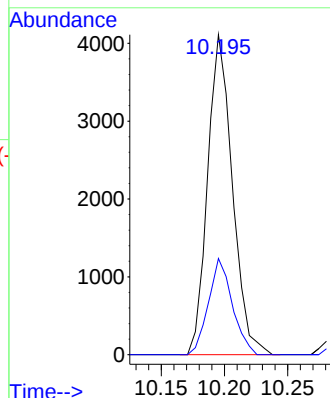
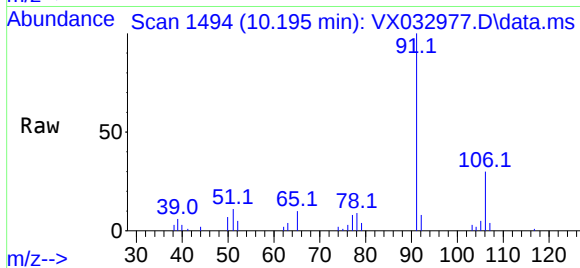
VSTDIC001

Tgt Ion: 91 Resp: 5598

Ion Ratio Lower Upper

91 100

106 30.0 25.0 37.6



#68

m/p-Xylenes

Concen: 1.925 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX032977.D

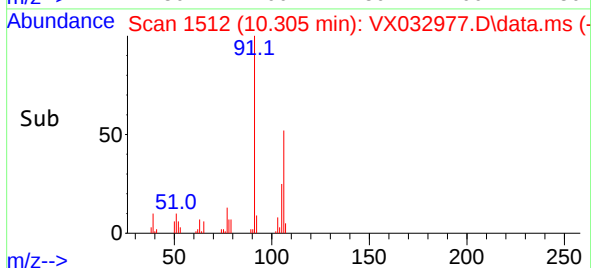
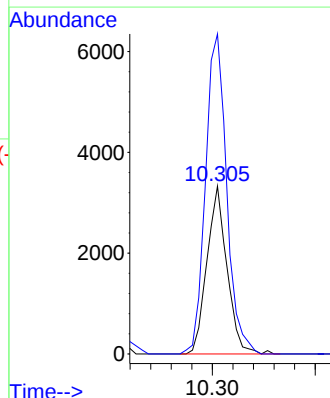
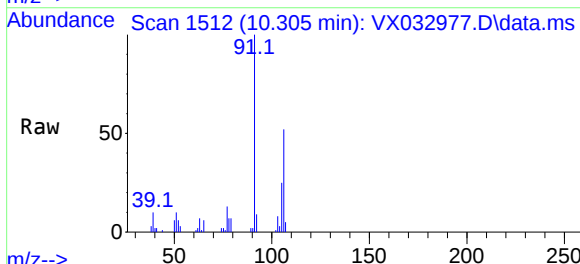
Acq: 22 Nov 2022 12:56

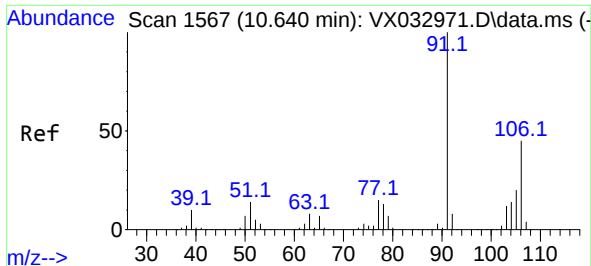
Tgt Ion: 106 Resp: 4527

Ion Ratio Lower Upper

106 100

91 201.0 164.5 246.7

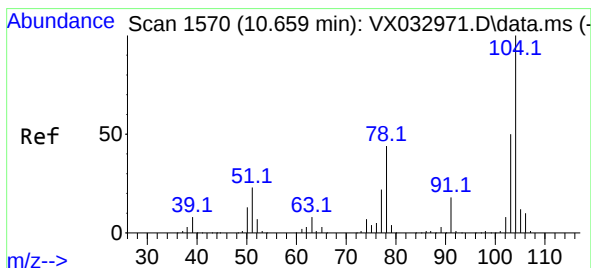
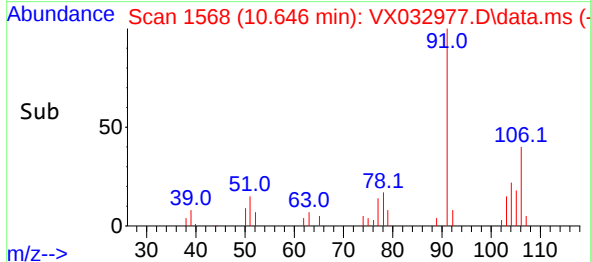
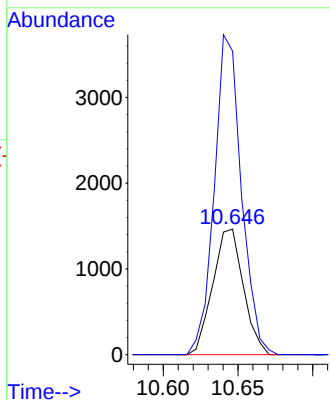
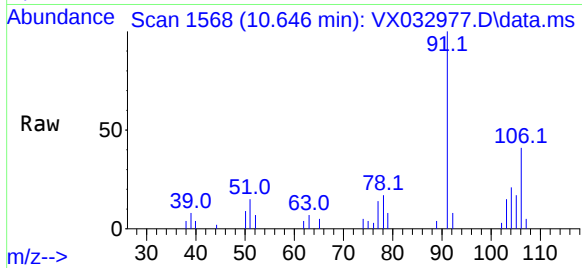




#69  
o-Xylene  
Concen: 0.917 ug/l  
RT: 10.646 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

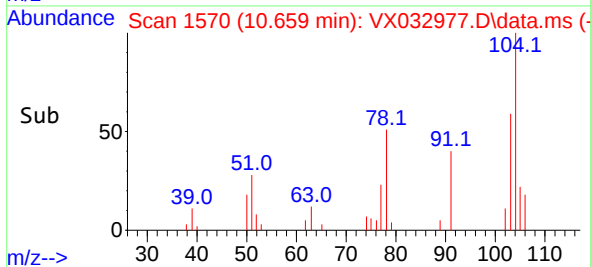
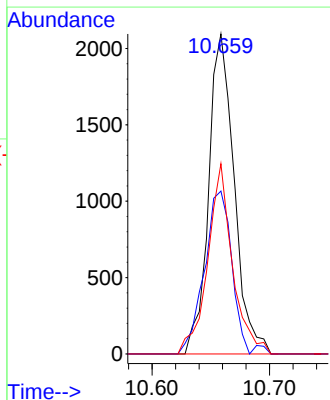
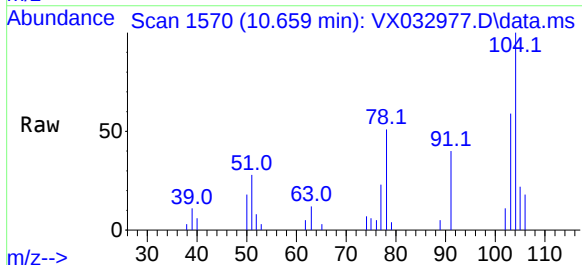
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

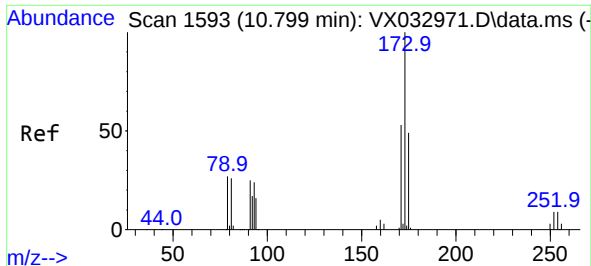
Tgt Ion:106 Resp: 2087  
Ion Ratio Lower Upper  
106 100  
91 225.5 109.2 327.6



#70  
Styrene  
Concen: 0.853 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion:104 Resp: 3177  
Ion Ratio Lower Upper  
104 100  
78 55.3 41.8 62.8  
103 57.5 44.5 66.7

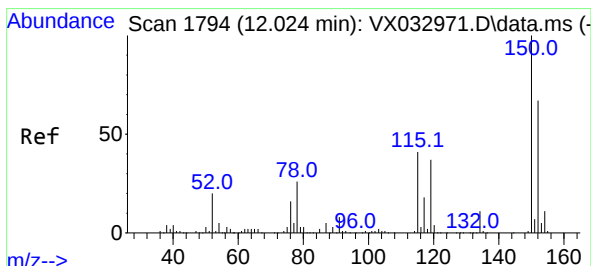
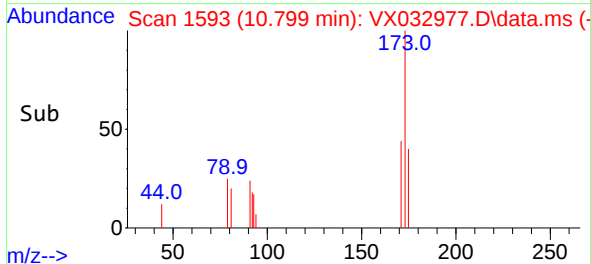
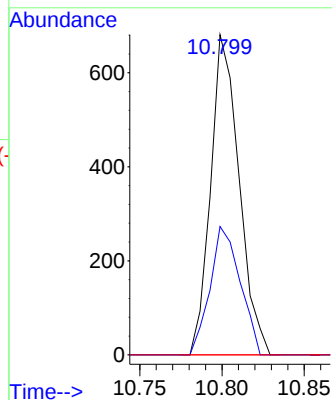
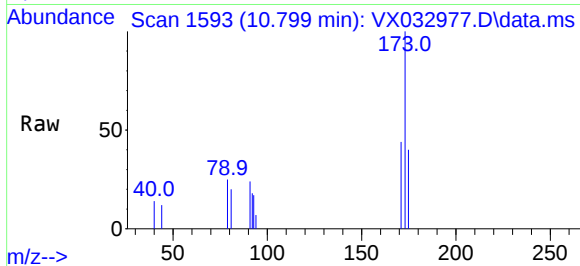




#71  
Bromoform  
Concen: 0.860 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

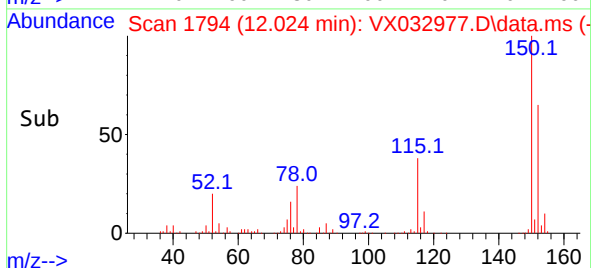
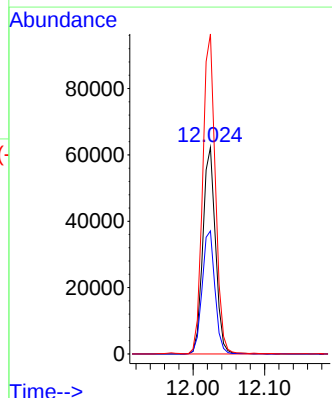
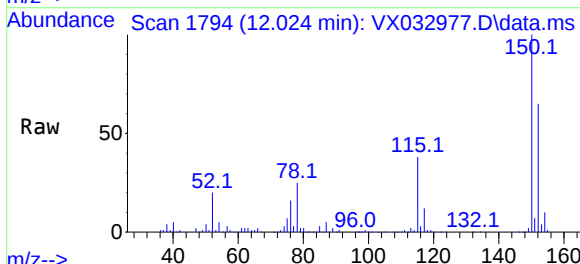
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

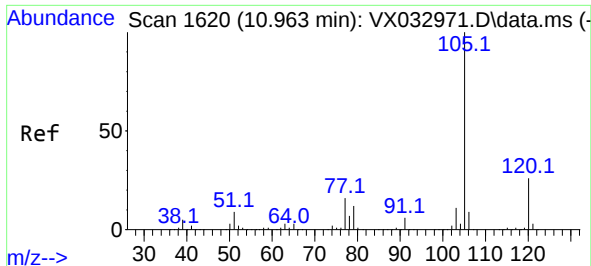
Tgt Ion:173 Resp: 818  
Ion Ratio Lower Upper  
173 100  
175 42.4 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion:152 Resp: 76387  
Ion Ratio Lower Upper  
152 100  
115 60.5 44.0 132.0  
150 156.4 0.0 351.8

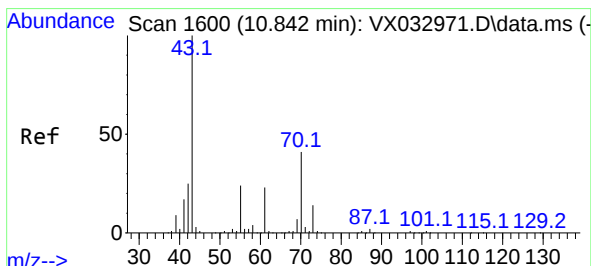
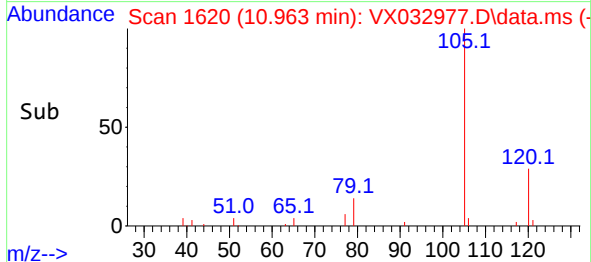
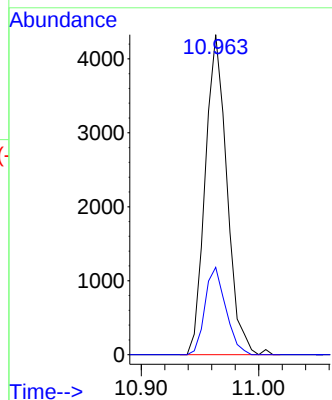
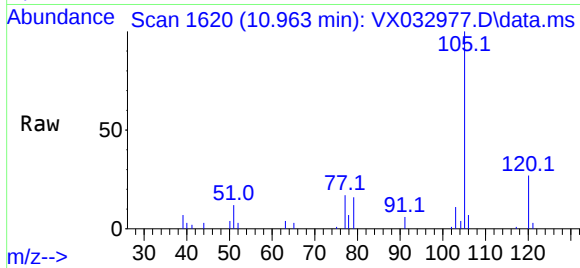




#73  
Isopropylbenzene  
Concen: 1.017 ug/l  
RT: 10.963 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

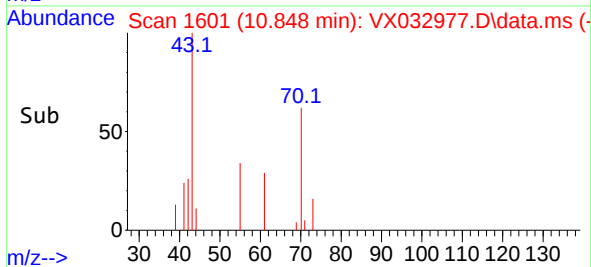
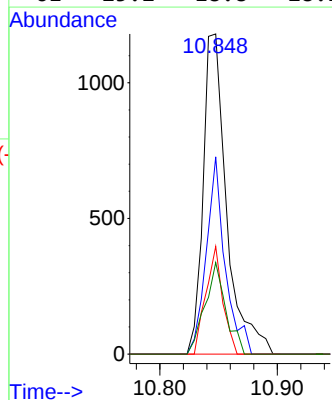
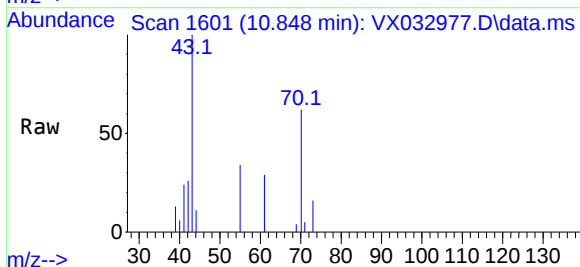
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

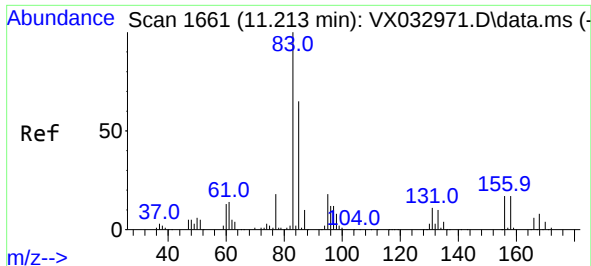
Tgt Ion:105 Resp: 5549  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.1 39.3



#74  
N-ethyl acetate  
Concen: 0.885 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.007 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 43 Resp: 1644  
Ion Ratio Lower Upper  
43 100  
70 49.1 33.6 50.4  
55 24.1 19.4 29.2  
61 25.2 18.8 28.2

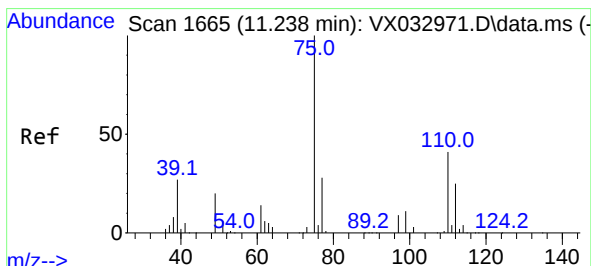
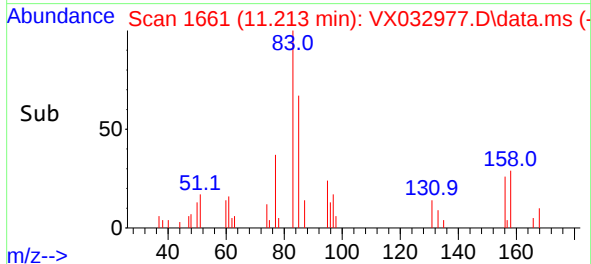
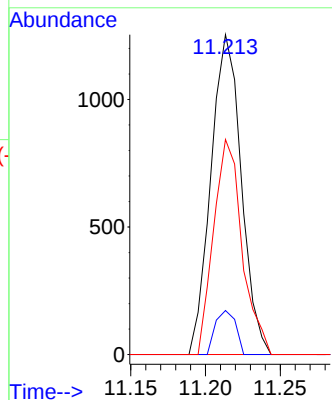
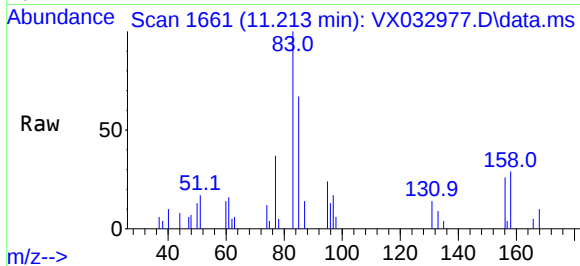




#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.076 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

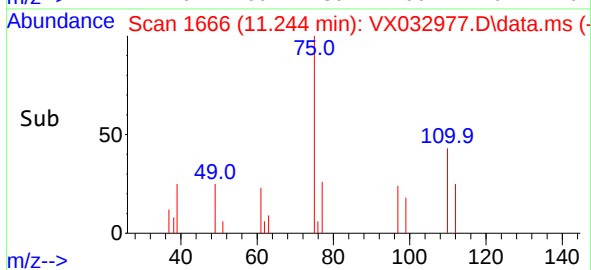
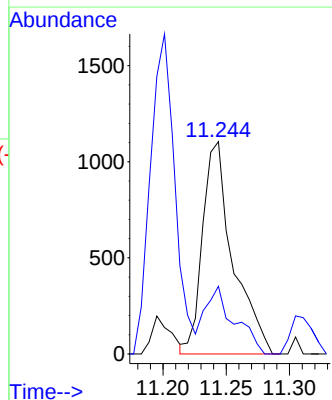
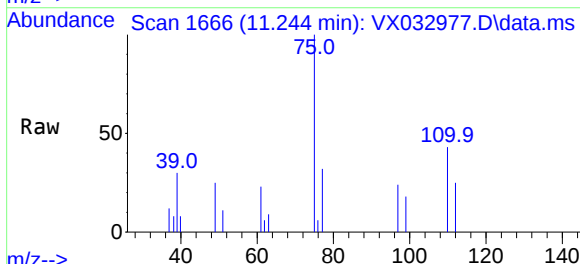
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

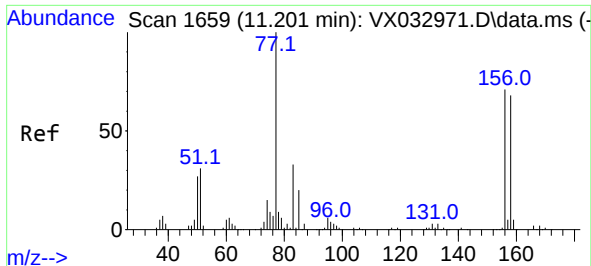
Tgt Ion: 83 Resp: 1772  
Ion Ratio Lower Upper  
83 100  
131 9.2 5.4 16.2  
85 63.0 31.9 95.9



#76  
1,2,3-Trichloropropane  
Concen: 1.277 ug/l  
RT: 11.244 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 75 Resp: 1848  
Ion Ratio Lower Upper  
75 100  
77 30.8 20.0 60.0

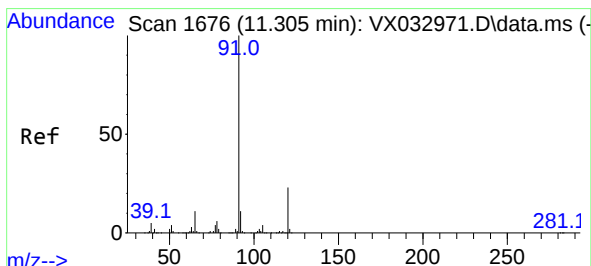
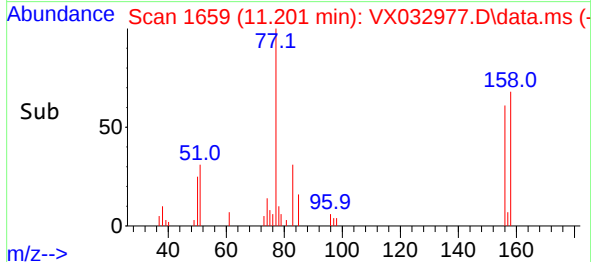
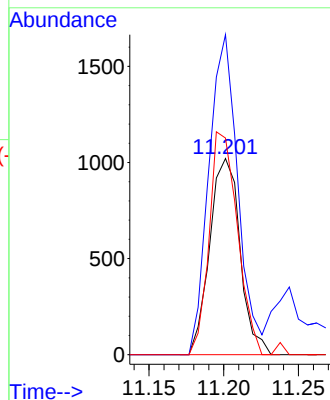
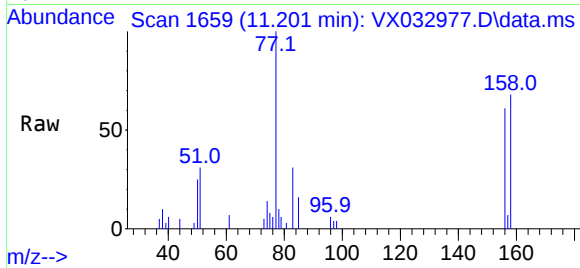




#77  
Bromobenzene  
Concen: 1.073 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

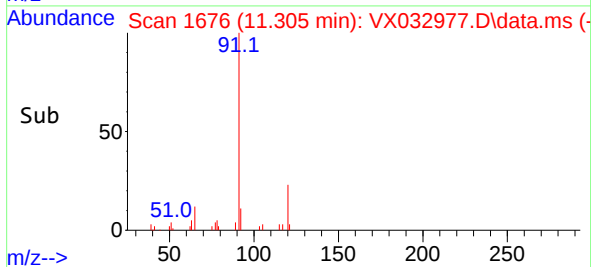
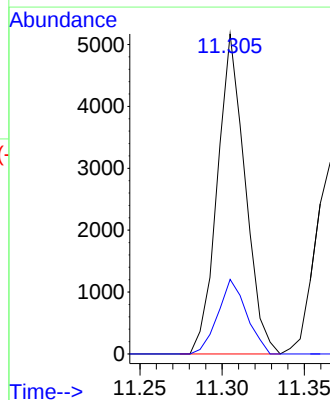
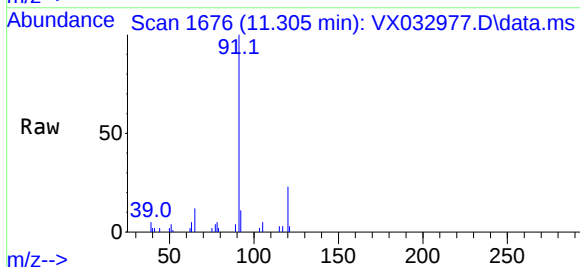
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

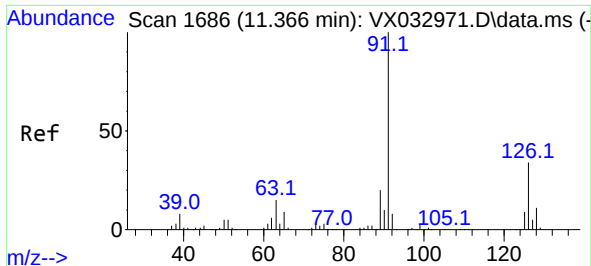
Tgt Ion:156 Resp: 1441  
Ion Ratio Lower Upper  
156 100  
77 155.8 76.1 228.4  
158 105.9 48.8 146.3



#78  
n-propylbenzene  
Concen: 0.972 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 91 Resp: 6068  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 1.072 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

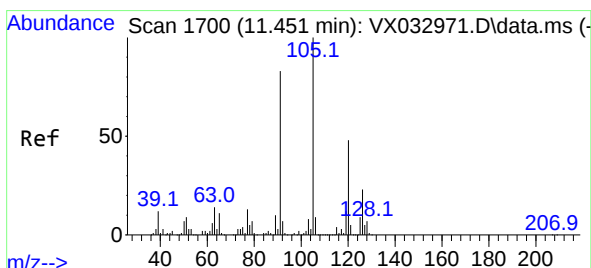
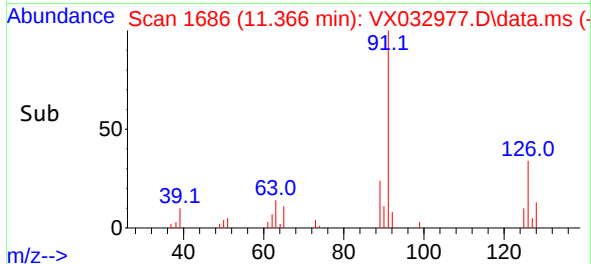
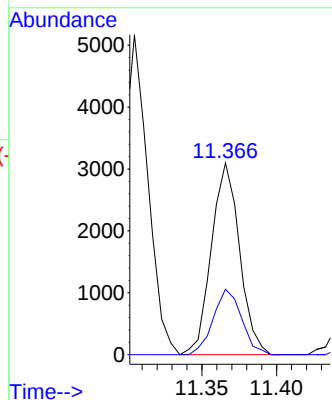
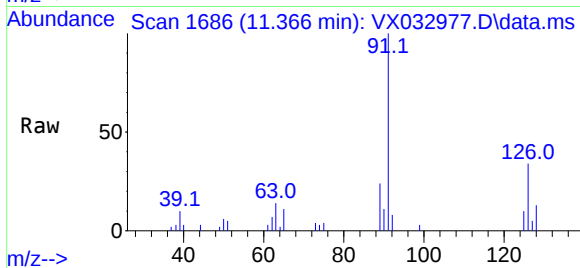
VSTDICC001

Tgt Ion: 91 Resp: 4062

Ion Ratio Lower Upper

91 100

126 34.3 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 0.946 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX032977.D

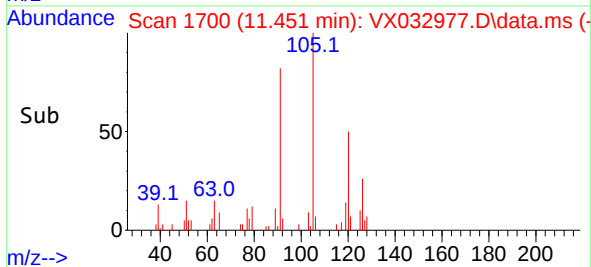
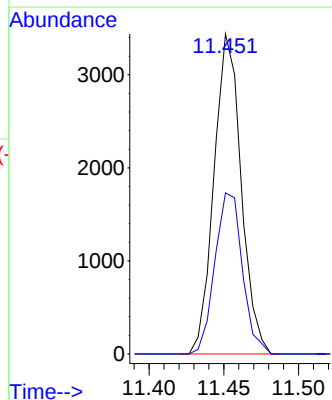
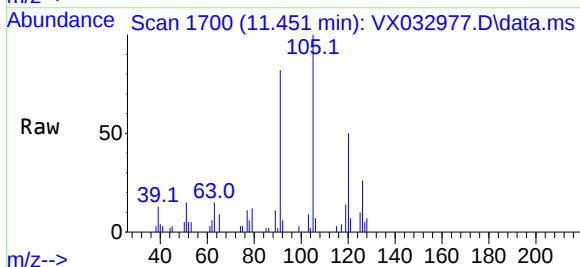
Acq: 22 Nov 2022 12:56

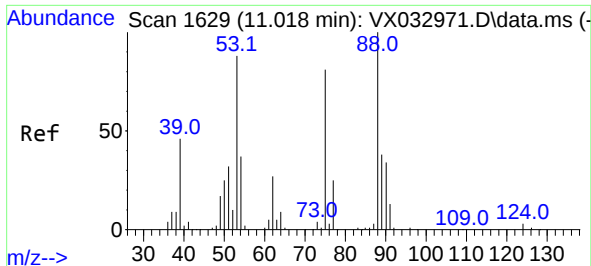
Tgt Ion: 105 Resp: 4339

Ion Ratio Lower Upper

105 100

120 51.0 23.6 71.0

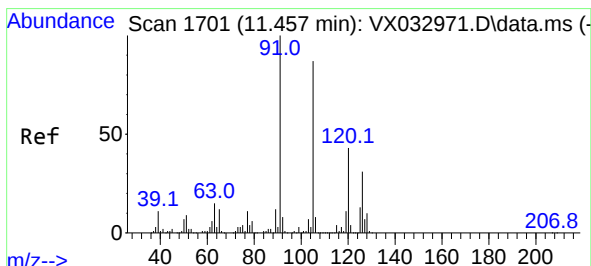
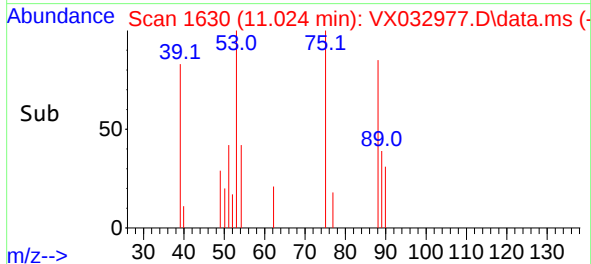
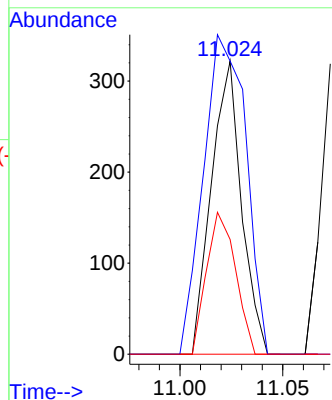
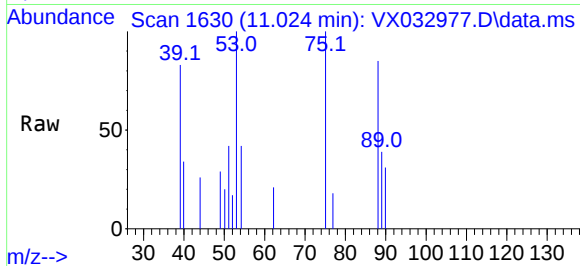




#81  
trans-1,4-Dichloro-2-butene  
Concen: 0.735 ug/l  
RT: 11.024 min Scan# 1630  
Delta R.T. 0.006 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

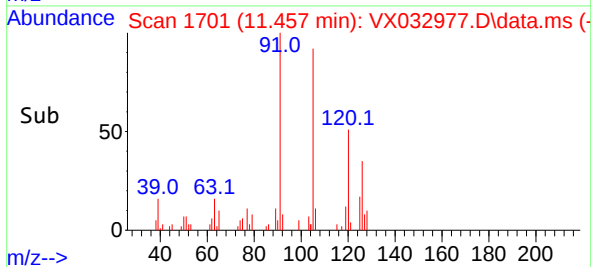
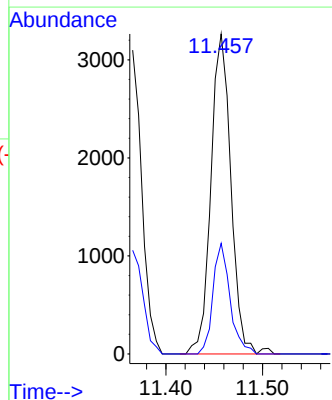
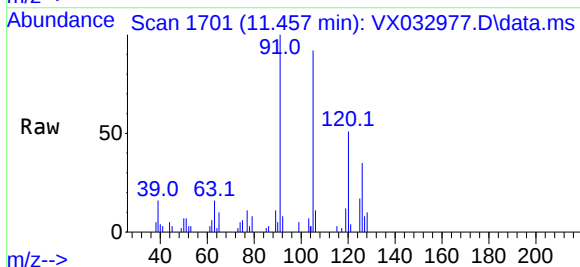
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

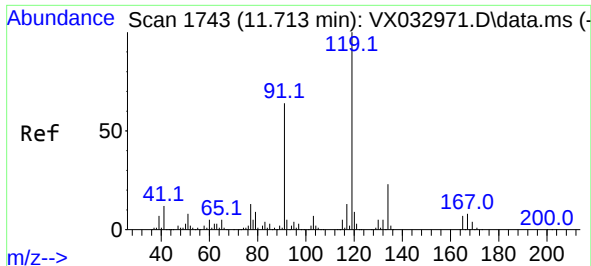
Tgt Ion: 75 Resp: 327  
Ion Ratio Lower Upper  
75 100  
53 153.8 86.9 130.3#  
89 46.8 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 1.058 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion: 91 Resp: 4698  
Ion Ratio Lower Upper  
91 100  
126 29.5 14.8 44.4

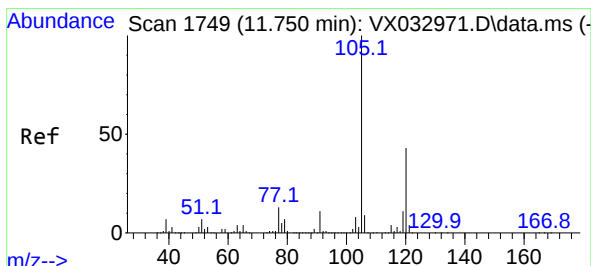
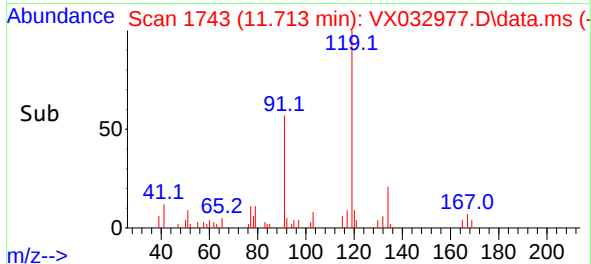
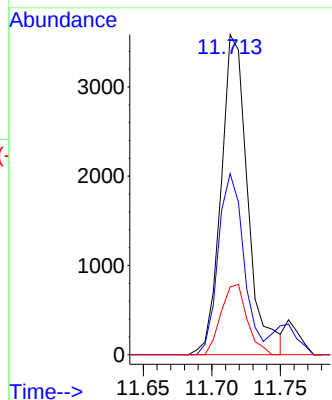
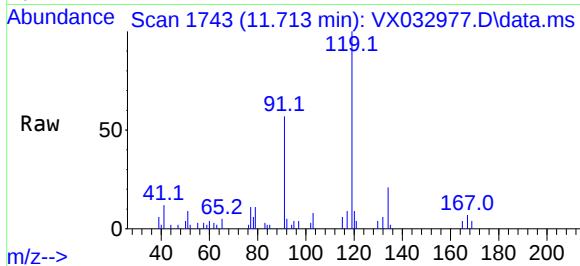




#83  
tert-Butylbenzene  
Concen: 1.063 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

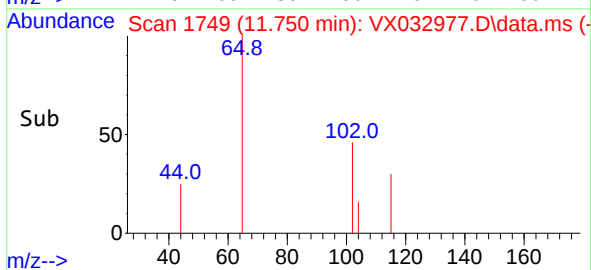
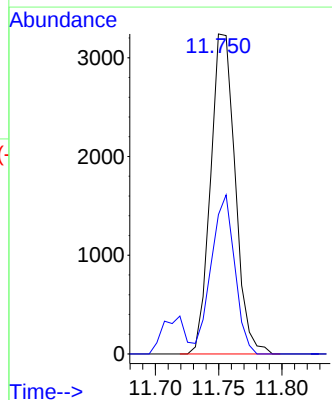
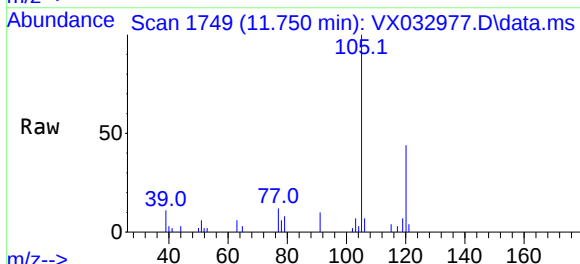
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

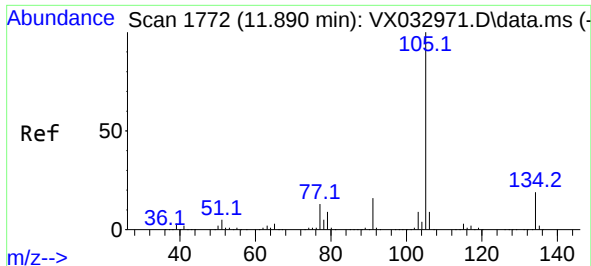
Tgt Ion:119 Resp: 4851  
Ion Ratio Lower Upper  
119 100  
91 54.5 29.4 88.2  
134 21.4 11.0 33.0



#84  
1,2,4-Trimethylbenzene  
Concen: 0.962 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion:105 Resp: 4397  
Ion Ratio Lower Upper  
105 100  
120 46.9 21.9 65.5

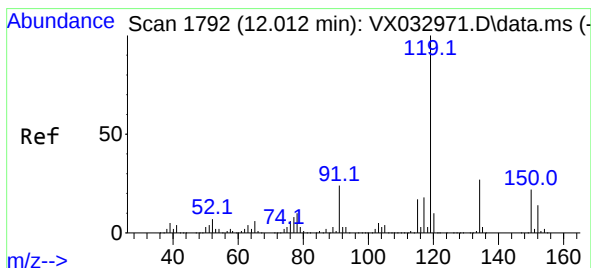
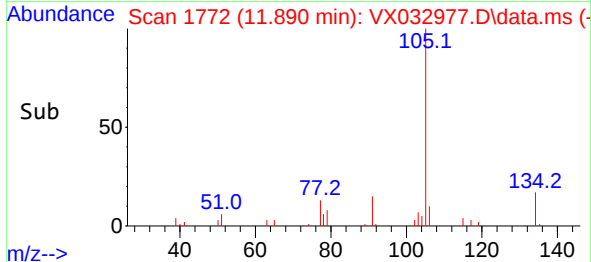
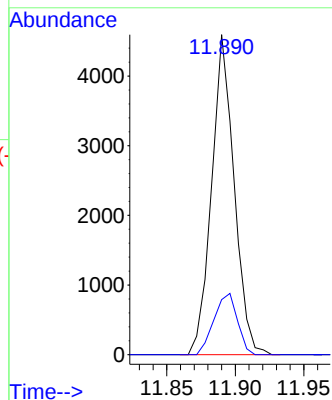
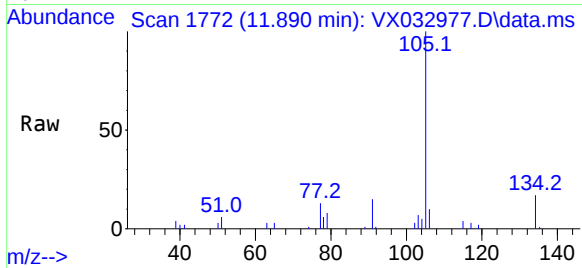




#85  
 sec-Butylbenzene  
 Concen: 0.961 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX032977.D  
 Acq: 22 Nov 2022 12:56

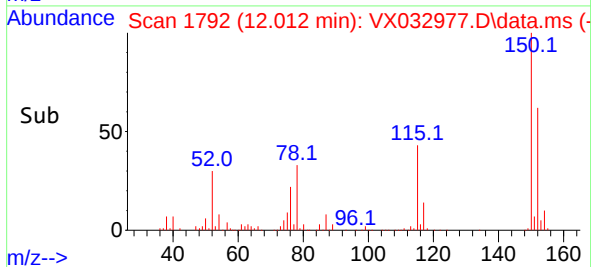
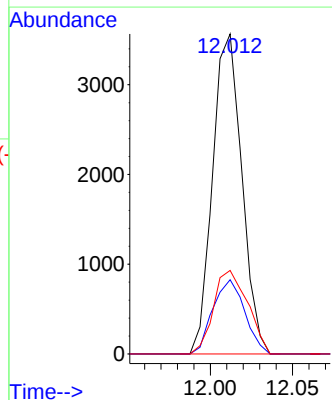
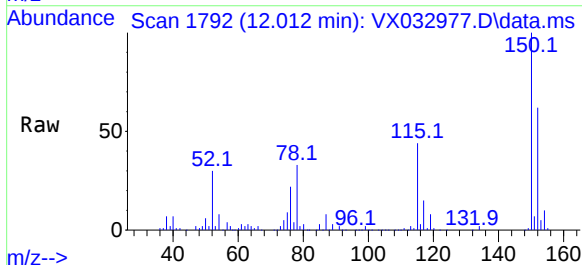
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

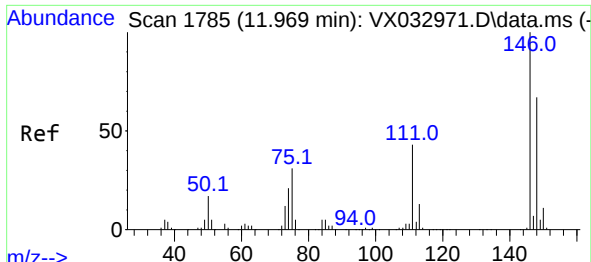
Tgt Ion:105 Resp: 5250  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 0.952 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. -0.000 min  
 Lab File: VX032977.D  
 Acq: 22 Nov 2022 12:56

Tgt Ion:119 Resp: 4403  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.9 38.7  
 91 30.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 1.085 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

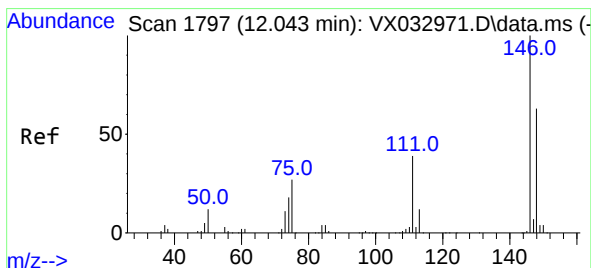
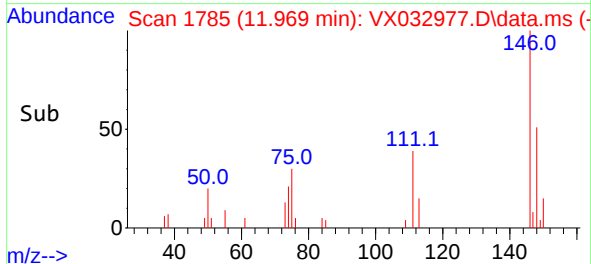
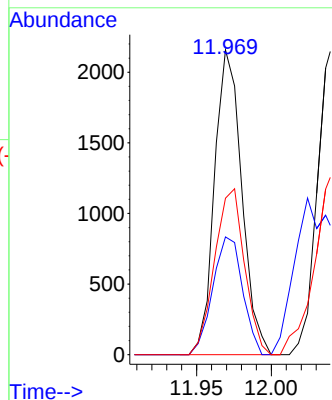
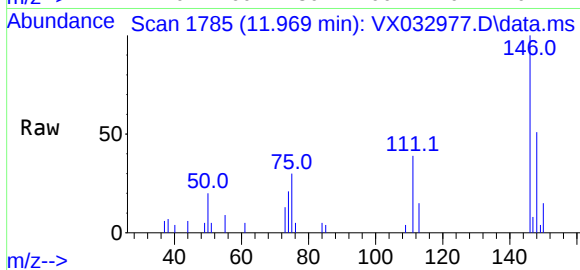
Tgt Ion:146 Resp: 2732

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.8

148 59.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 1.059 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

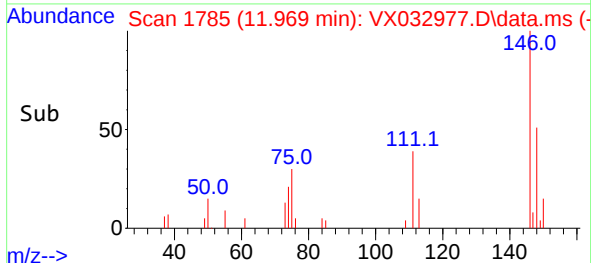
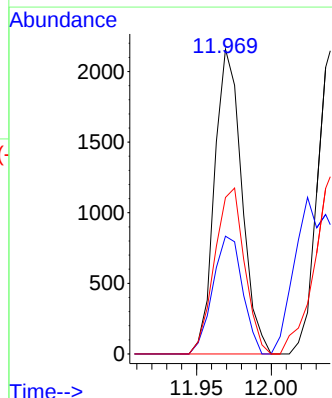
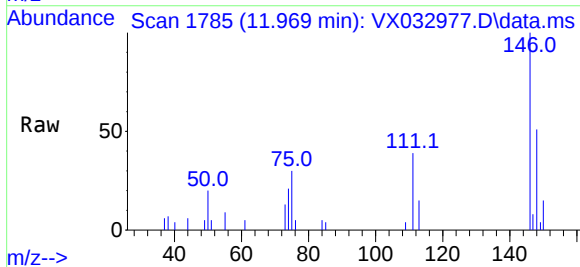
Tgt Ion:146 Resp: 2732

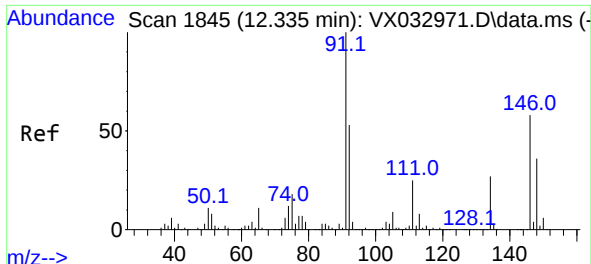
Ion Ratio Lower Upper

146 100

111 42.3 20.5 61.6

148 59.8 32.2 96.6





#89

n-Butylbenzene

Concen: 0.954 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

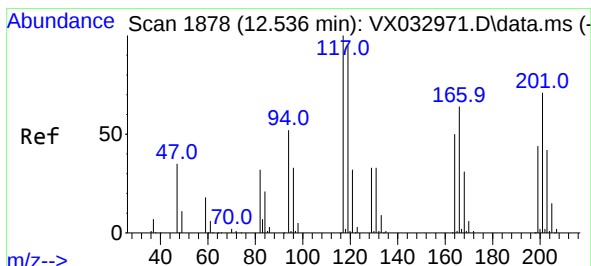
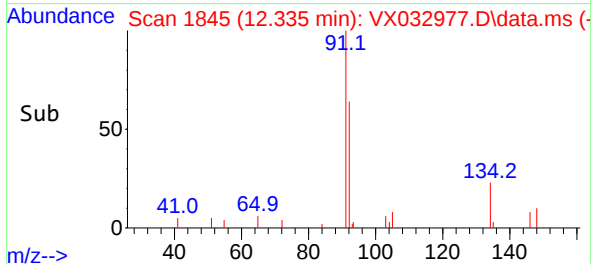
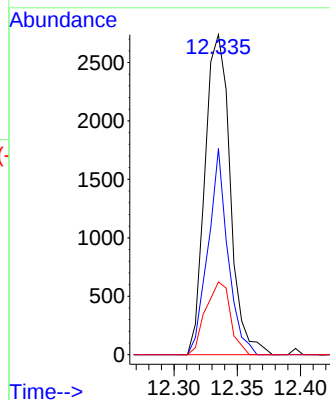
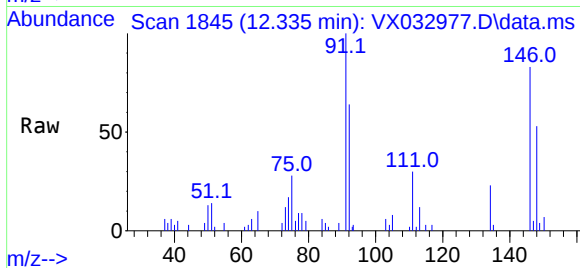
Tgt Ion: 91 Resp: 3804

Ion Ratio Lower Upper

91 100

92 50.8 26.2 78.6

134 22.3 12.9 38.6



#90

Hexachloroethane

Concen: 0.968 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX032977.D

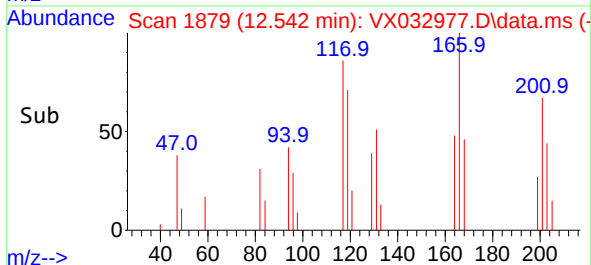
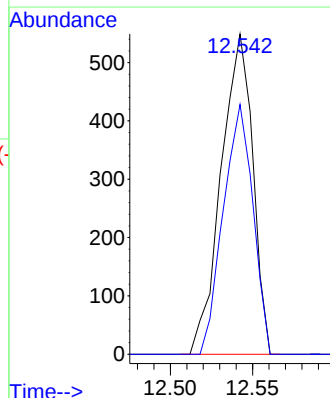
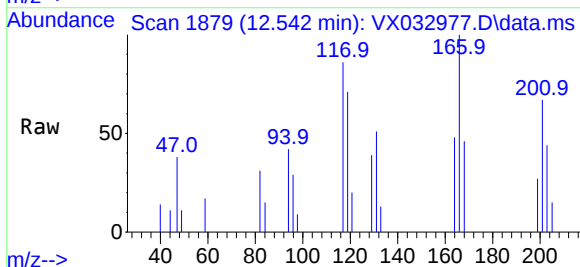
Acq: 22 Nov 2022 12:56

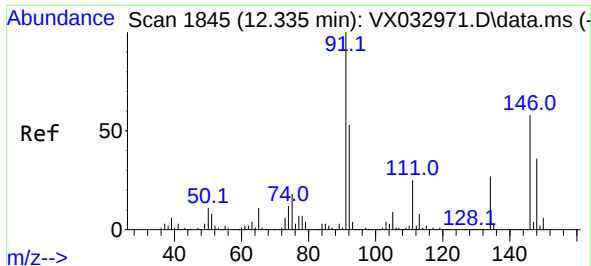
Tgt Ion: 117 Resp: 736

Ion Ratio Lower Upper

117 100

201 73.0 37.6 112.9





#91

1,2-Dichlorobenzene

Concen: 1.080 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

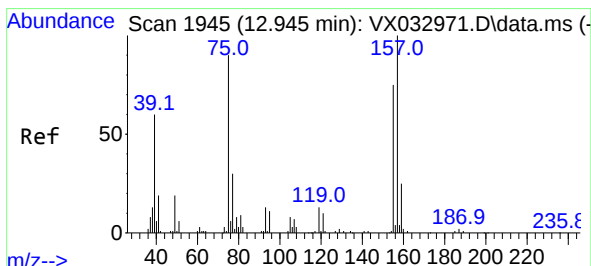
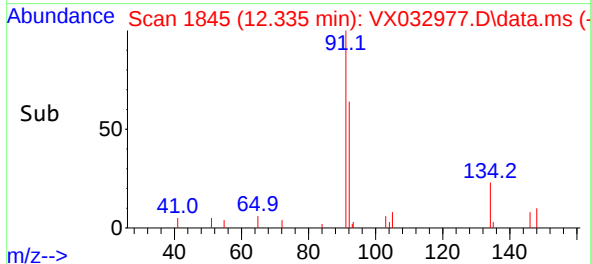
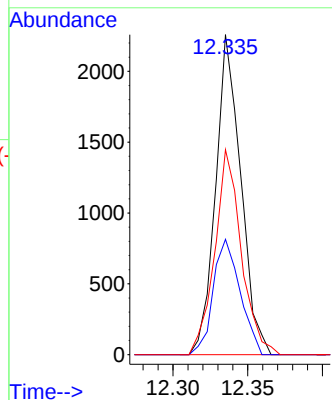
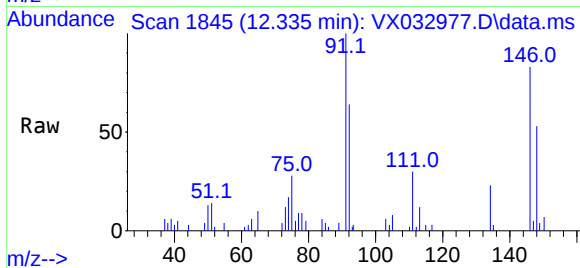
Tgt Ion:146 Resp: 2645

Ion Ratio Lower Upper

146 100

111 38.5 21.5 64.5

148 67.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.928 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX032977.D

Acq: 22 Nov 2022 12:56

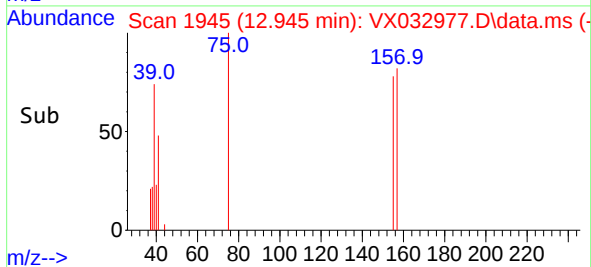
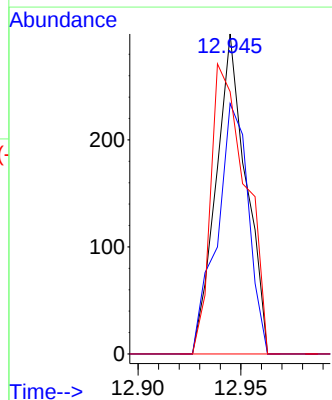
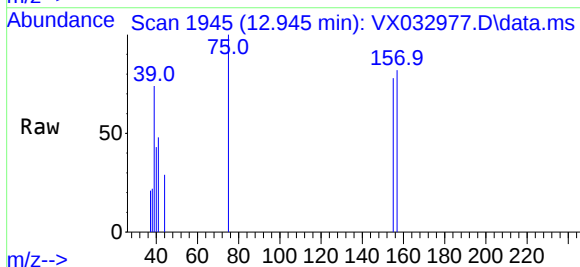
Tgt Ion: 75 Resp: 305

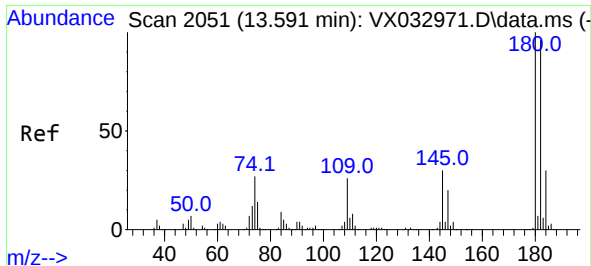
Ion Ratio Lower Upper

75 100

155 81.6 41.6 124.8

157 105.2 54.1 162.4

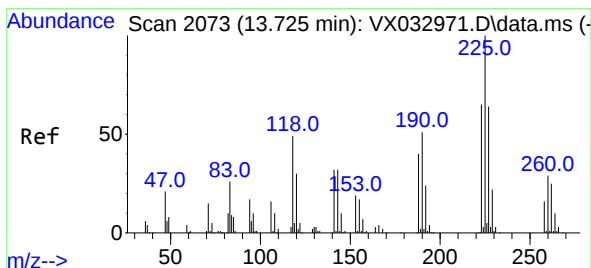
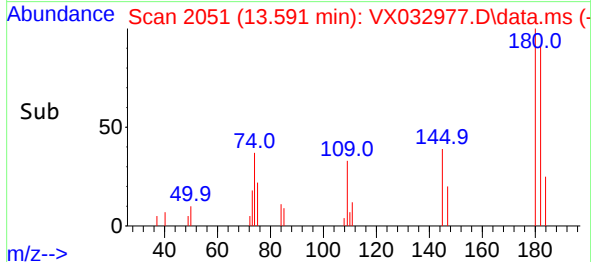
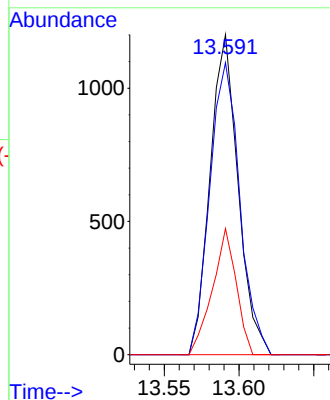
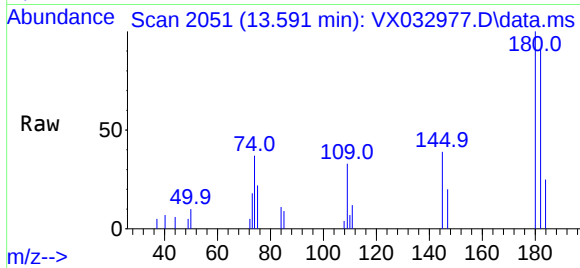




#93  
1,2,4-Trichlorobenzene  
Concen: 1.035 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

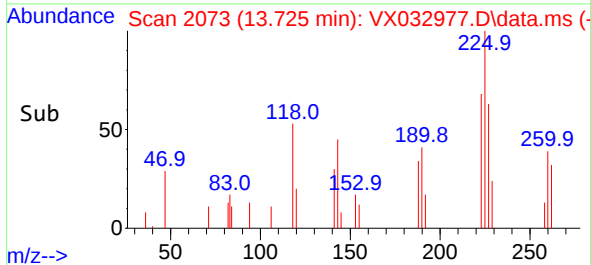
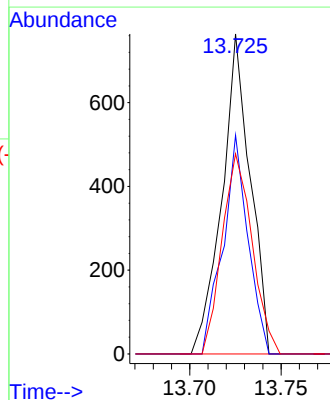
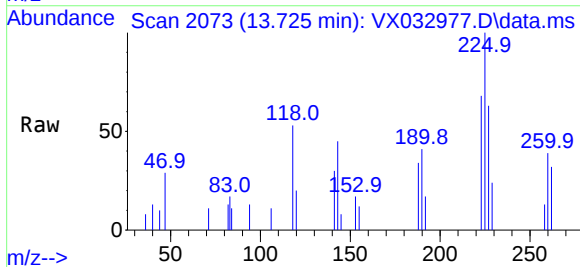
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

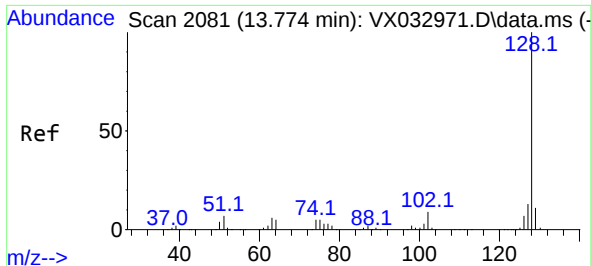
Tgt Ion:180 Resp: 1563  
Ion Ratio Lower Upper  
180 100  
182 97.8 48.4 145.0  
145 33.5 16.2 48.5



#94  
Hexachlorobutadiene  
Concen: 1.234 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Tgt Ion:225 Resp: 822  
Ion Ratio Lower Upper  
225 100  
223 60.7 31.9 95.9  
227 66.7 31.9 95.5

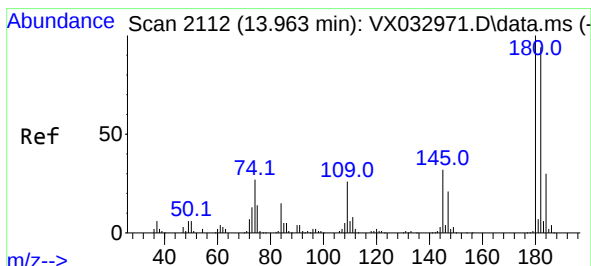
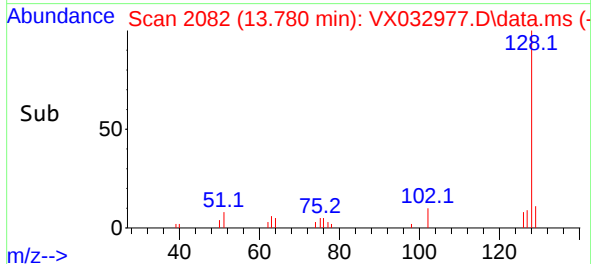
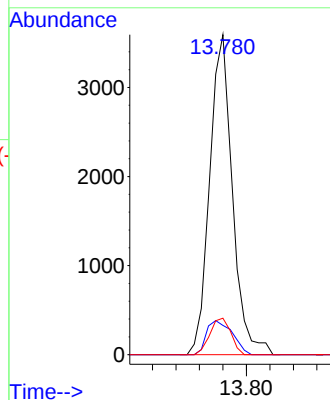
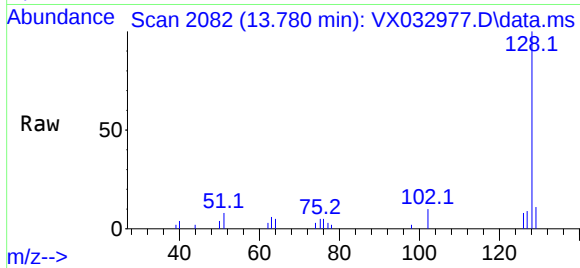




#95  
Naphthalene  
Concen: 0.988 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:128 | Resp: | 4825  |       |
| Ion         | Ratio | Lower | Upper |
| 128         | 100   |       |       |
| 127         | 12.1  | 10.2  | 15.4  |
| 129         | 10.5  | 8.9   | 13.3  |



#96  
1,2,3-Trichlorobenzene  
Concen: 1.037 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX032977.D  
Acq: 22 Nov 2022 12:56

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:180 | Resp: | 1570  |       |
| Ion         | Ratio | Lower | Upper |
| 180         | 100   |       |       |
| 182         | 88.5  | 47.5  | 142.6 |
| 145         | 31.1  | 16.9  | 50.6  |

