

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120723\  
 Data File : VY016626.D  
 Acq On : 07 Dec 2023 16:03  
 Operator : SY/MD  
 Sample : VY1207SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 07 16:29:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120423S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 05 01:24:25 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.813  | 168  | 178185   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.710  | 114  | 254977   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.508 | 117  | 220618   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.447 | 152  | 115927   | 50.000 | ug/l  | 0.01     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.167  | 65    | 82188    | 49.904   | ug/l | 0.01     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.800%  |
| 35) Dibromofluoromethane    | 7.746  | 113   | 75390    | 49.131   | ug/l | 0.01     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.260%  |
| 50) Toluene-d8              | 10.197 | 98    | 293042   | 50.488   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 100.980% |
| 62) 4-Bromofluorobenzene    | 12.502 | 95    | 100738   | 52.778   | ug/l | 0.01     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 105.560% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.918 | 85  | 36380  | 23.114  | ug/l   | 96  |
| 3) Chloromethane             | 2.125 | 50  | 45850  | 28.080  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.266 | 62  | 45985  | 27.888  | ug/l   | 94  |
| 5) Bromomethane              | 2.668 | 94  | 27910  | 27.022  | ug/l   | 100 |
| 6) Chloroethane              | 2.814 | 64  | 27752  | 27.247  | ug/l   | 93  |
| 7) Trichlorofluoromethane    | 3.143 | 101 | 80512  | 25.829  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.546 | 74  | 22047  | 25.395  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 3.924 | 101 | 46724  | 26.804  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.125 | 142 | 46593  | 25.298  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.985 | 59  | 14388  | 128.223 | ug/l # | 91  |
| 12) 1,1-Dichloroethene       | 3.893 | 96  | 41142  | 25.981  | ug/l   | 94  |
| 13) Acrolein                 | 3.747 | 56  | 19808  | 121.422 | ug/l   | 99  |
| 14) Allyl chloride           | 4.509 | 41  | 64011  | 26.488  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.192 | 53  | 32854  | 93.761  | ug/l   | 98  |
| 16) Acetone                  | 3.966 | 43  | 57708  | 154.847 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.223 | 76  | 110911 | 24.982  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.503 | 43  | 38273  | 25.908  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.253 | 73  | 84596  | 21.732  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.747 | 84  | 50804  | 29.544  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.247 | 96  | 37255  | 20.921  | ug/l   | 85  |
| 22) Diisopropyl ether        | 6.143 | 45  | 83094  | 16.719  | ug/l # | 93  |
| 23) Vinyl Acetate            | 6.088 | 43  | 210537 | 88.240  | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.045 | 63  | 56416  | 18.476  | ug/l # | 93  |
| 25) 2-Butanone               | 7.015 | 43  | 46918  | 91.554  | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.009 | 77  | 62882  | 21.906  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.015 | 96  | 39892  | 20.352  | ug/l   | 92  |
| 28) Bromochloromethane       | 7.356 | 49  | 19584  | 15.834  | ug/l # | 62  |
| 29) Tetrahydrofuran          | 7.374 | 42  | 23361  | 79.956  | ug/l # | 79  |
| 30) Chloroform               | 7.533 | 83  | 67264  | 20.666  | ug/l   | 100 |
| 31) Cyclohexane              | 7.807 | 56  | 47712  | 16.970  | ug/l # | 81  |
| 32) 1,1,1-Trichloroethane    | 7.722 | 97  | 70163  | 22.778  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.941 | 75  | 49159  | 21.075  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.094 | 43  | 17255  | 17.679  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 7.929 | 117 | 66786  | 24.733  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.203 | 83  | 59777  | 21.271  | ug/l   | 90  |
| 40) Benzene                  | 8.185 | 78  | 136391 | 20.745  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120723\  
 Data File : VY016626.D  
 Acq On : 07 Dec 2023 16:03  
 Operator : SY/MD  
 Sample : VY1207SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Dec 07 16:29:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120423S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 05 01:24:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 10402    | 18.453  | ug/l # | 91       |
| 42) 1,2-Dichloroethane        | 8.258  | 62   | 44028    | 23.063  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.295  | 43   | 34727    | 18.444  | ug/l # | 87       |
| 44) Trichloroethene           | 8.960  | 130  | 44366    | 22.376  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.240  | 63   | 30040    | 18.978  | ug/l   | 100      |
| 46) Dibromomethane            | 9.325  | 93   | 18670    | 21.516  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.514  | 83   | 50342    | 21.792  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.313  | 41   | 20720    | 19.055  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.325  | 88   | 4095     | 466.242 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone      | 10.087 | 43   | 87641    | 89.567  | ug/l   | 91       |
| 52) Toluene                   | 10.264 | 92   | 92382    | 22.420  | ug/l   | 91       |
| 53) t-1,3-Dichloropropene     | 10.484 | 75   | 47385    | 21.734  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 9.947  | 75   | 53413    | 20.860  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.667 | 97   | 26735    | 22.118  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.526 | 69   | 22793    | 20.572  | ug/l   | 88       |
| 57) 1,3-Dichloropropane       | 10.813 | 76   | 42309    | 20.720  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.801  | 63   | 63501    | 93.001  | ug/l # | 83       |
| 59) 2-Hexanone                | 10.849 | 43   | 74170    | 100.200 | ug/l   | 92       |
| 60) Dibromochloromethane      | 11.008 | 129  | 37230    | 23.052  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.105 | 107  | 24618    | 21.654  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.740 | 164  | 48401    | 23.938  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.538 | 112  | 102264   | 22.886  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.611 | 131  | 41262    | 23.626  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.611 | 91   | 179987   | 22.459  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.721 | 106  | 140850   | 46.298  | ug/l   | 94       |
| 69) o-Xylene                  | 12.050 | 106  | 66009    | 23.242  | ug/l   | 97       |
| 70) Styrene                   | 12.063 | 104  | 96115    | 23.588  | ug/l   | 99       |
| 71) Bromoform                 | 12.227 | 173  | 23158    | 24.556  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.349 | 105  | 189135   | 22.033  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.160 | 43   | 28707    | 16.771  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 12.599 | 83   | 25023    | 18.328  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane    | 12.648 | 75   | 36913    | 35.249  | ug/l # | 100      |
| 77) Bromobenzene              | 12.630 | 156  | 45505    | 22.493  | ug/l   | 81       |
| 78) n-propylbenzene           | 12.691 | 91   | 210045   | 21.023  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.776 | 91   | 119450   | 21.216  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.831 | 105  | 156958   | 22.503  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.398 | 75   | 8650     | 18.633  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.873 | 91   | 123071   | 21.125  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.093 | 119  | 142838   | 22.920  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.142 | 105  | 154856   | 22.729  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.270 | 105  | 191780   | 21.911  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.386 | 119  | 174534   | 22.971  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.386 | 146  | 88281    | 22.859  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.465 | 146  | 85964    | 22.681  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.715 | 91   | 149274   | 21.846  | ug/l   | 94       |
| 90) Hexachloroethane          | 13.977 | 117  | 30879    | 20.655  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.757 | 146  | 75134    | 22.660  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.379 | 75   | 4502     | 20.605  | ug/l   | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.025 | 180  | 47207    | 25.231  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.129 | 225  | 31483    | 26.633  | ug/l   | 98       |
| 95) Naphthalene               | 15.257 | 128  | 75094    | 26.817  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.446 | 180  | 38589    | 27.889  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120723\  
Data File : VY016626.D  
Acq On : 07 Dec 2023 16:03  
Operator : SY/MD  
Sample : VY1207SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

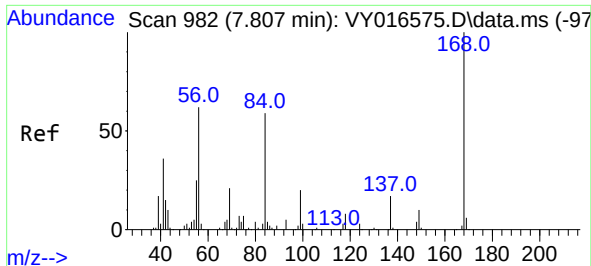
Quant Time: Dec 07 16:29:13 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120423S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 05 01:24:25 2023  
Response via : Initial Calibration

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

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

Quant Time: Dec 07 16:29:13 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y120423S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 05 01:24:25 2023  
Response via : Initial Calibration

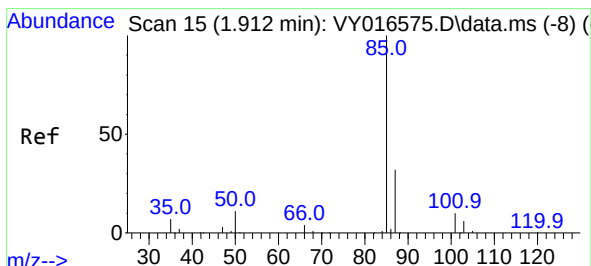
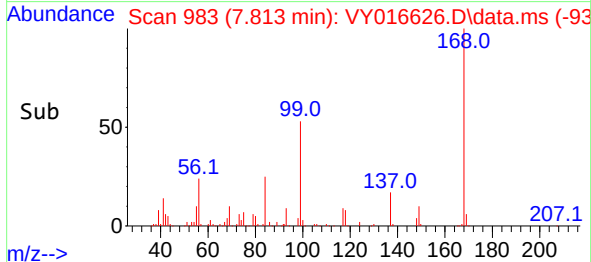
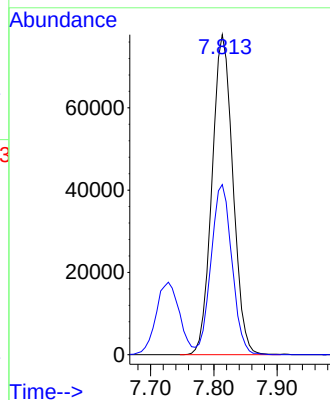
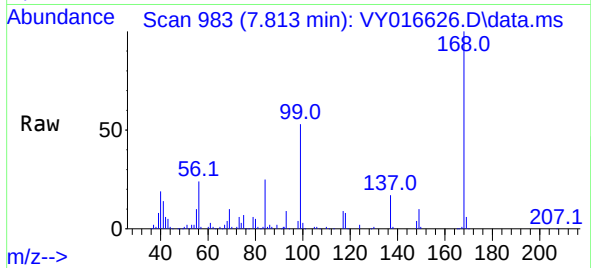




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.813 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

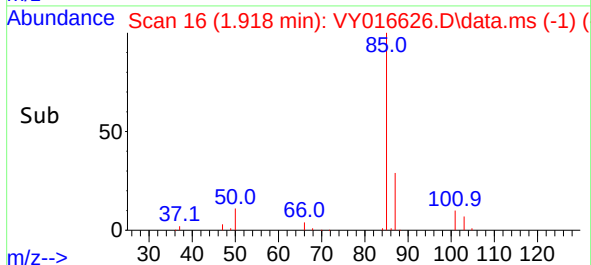
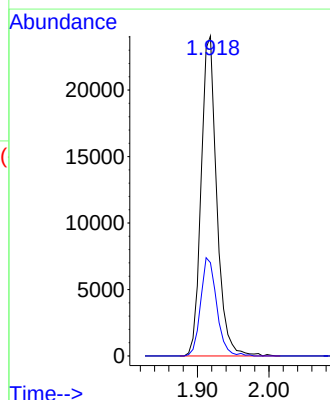
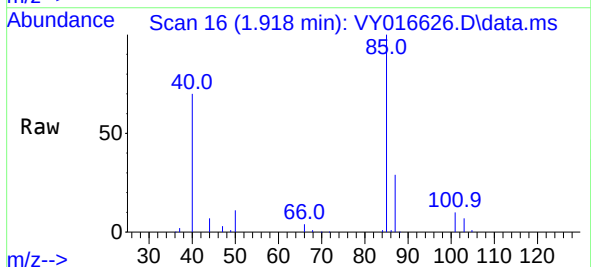
Instrument :  
MSVOA\_Y  
ClientSampleId :

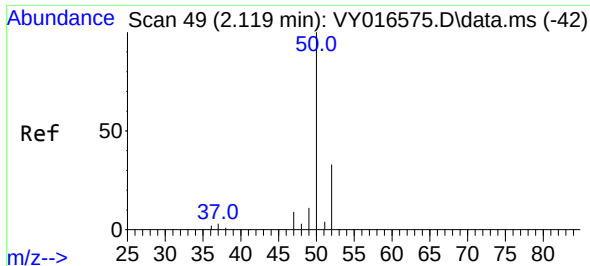
Tgt Ion:168 Resp: 178185  
Ion Ratio Lower Upper  
168 100  
99 53.1 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 23.114 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 85 Resp: 36380  
Ion Ratio Lower Upper  
85 100  
87 29.1 15.6 46.8

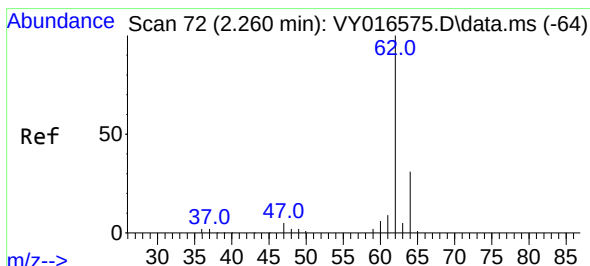
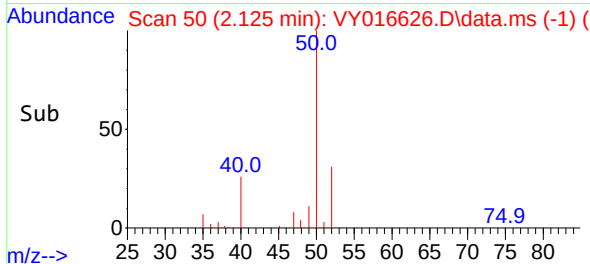
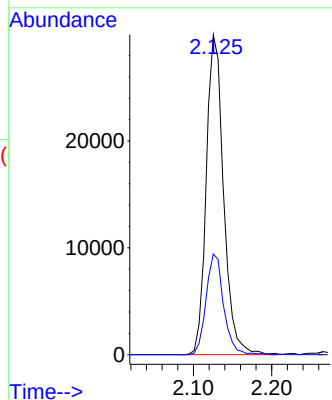
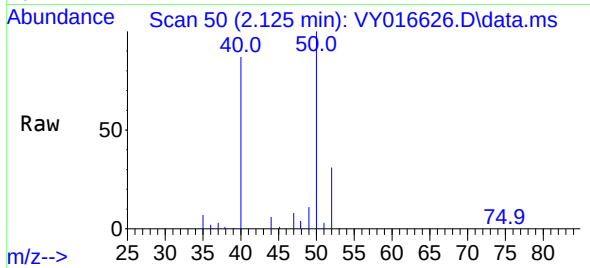




#3  
Chloromethane  
Concen: 28.080 ug/l  
RT: 2.125 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

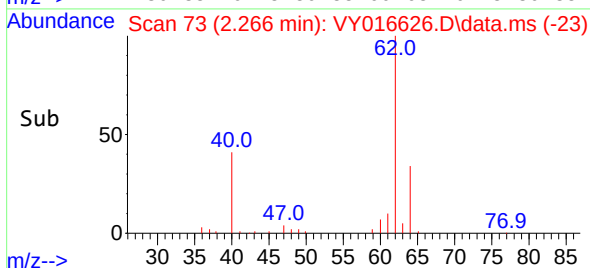
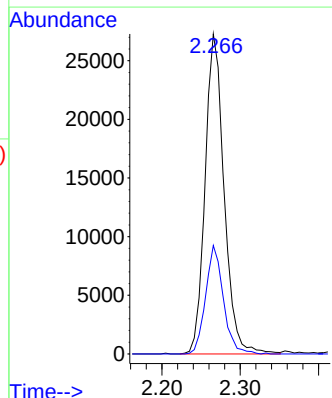
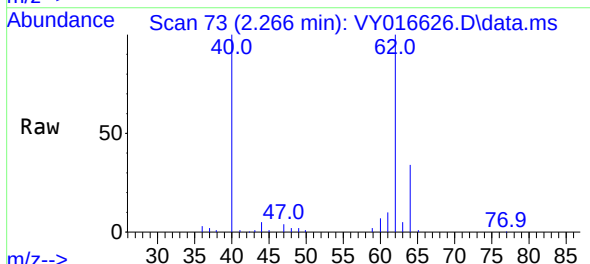
Instrument :  
MSVOA\_Y  
ClientSampleId :

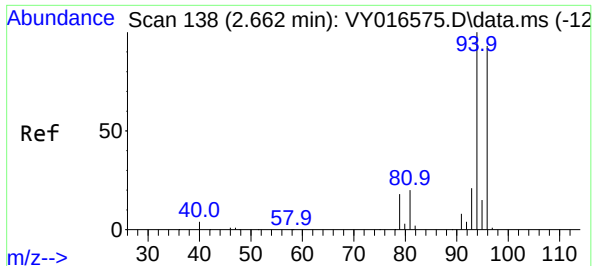
Tgt Ion: 50 Resp: 45850  
Ion Ratio Lower Upper  
50 100  
52 31.5 25.4 38.2



#4  
Vinyl Chloride  
Concen: 27.888 ug/l  
RT: 2.266 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 62 Resp: 45985  
Ion Ratio Lower Upper  
62 100  
64 33.9 24.3 36.5

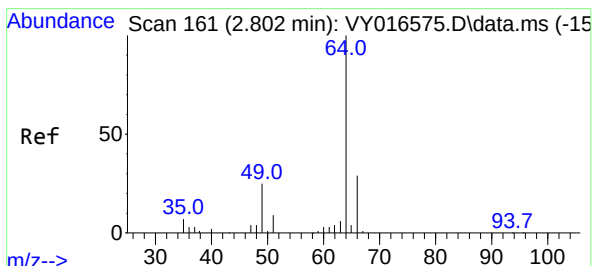
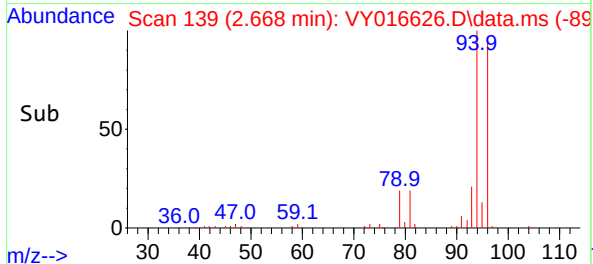
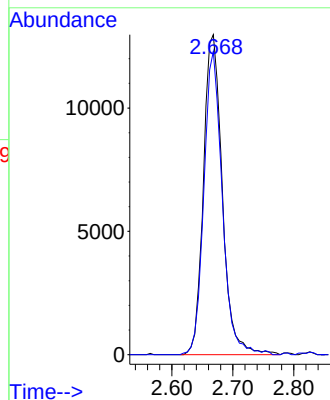
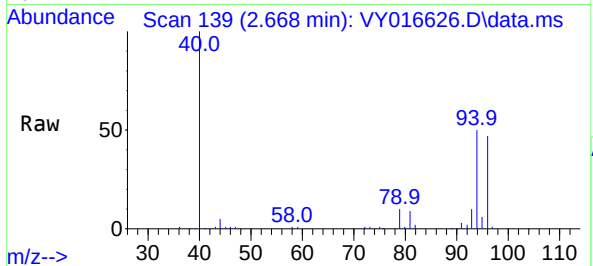




#5  
Bromomethane  
Concen: 27.022 ug/l  
RT: 2.668 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

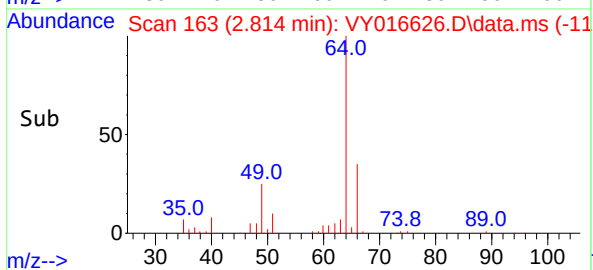
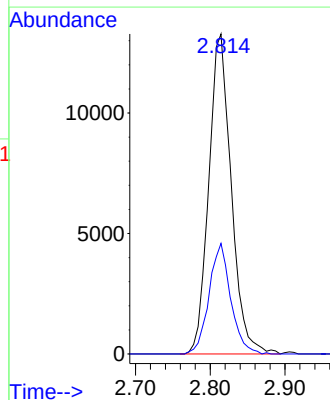
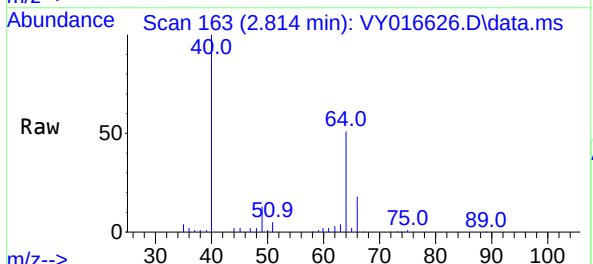
Instrument :  
MSVOA\_Y  
ClientSampleId :

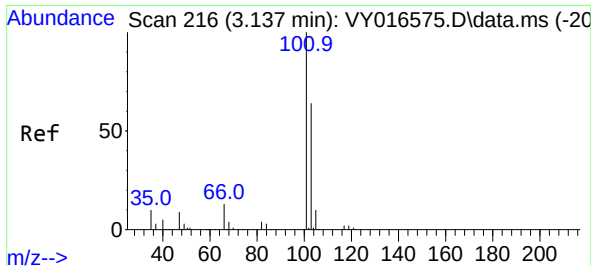
Tgt Ion: 94 Resp: 27910  
Ion Ratio Lower Upper  
94 100  
96 94.8 75.8 113.6



#6  
Chloroethane  
Concen: 27.247 ug/l  
RT: 2.814 min Scan# 163  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 64 Resp: 27752  
Ion Ratio Lower Upper  
64 100  
66 34.6 24.4 36.6

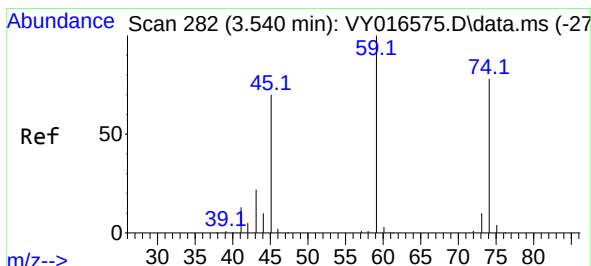
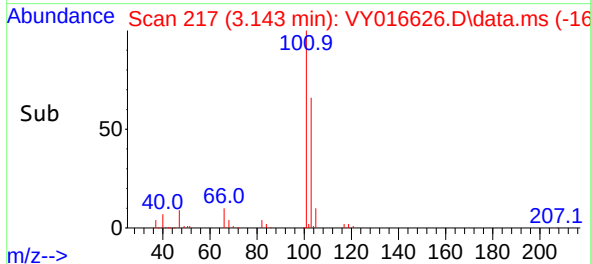
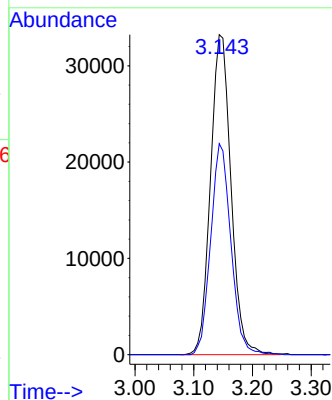
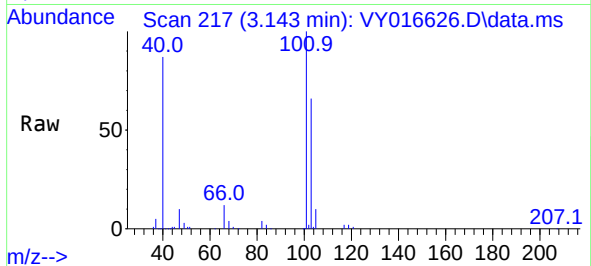




#7  
Trichlorofluoromethane  
Concen: 25.829 ug/l  
RT: 3.143 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

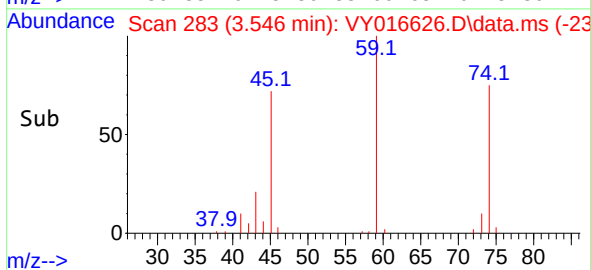
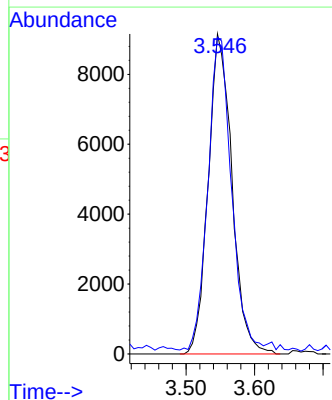
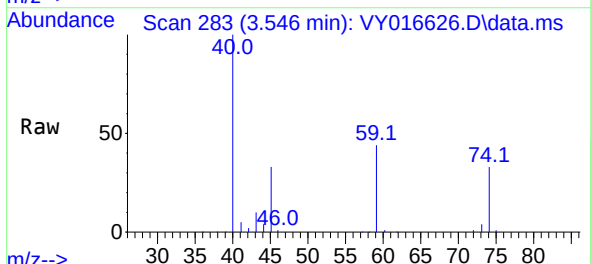
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:101 Resp: 80512  
Ion Ratio Lower Upper  
101 100  
103 65.9 51.4 77.0

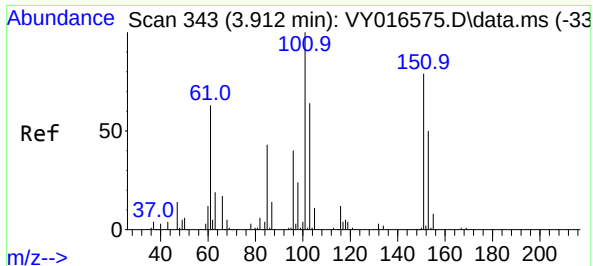


#8  
Diethyl Ether  
Concen: 25.395 ug/l  
RT: 3.546 min Scan# 283  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 74 Resp: 22047  
Ion Ratio Lower Upper  
74 100  
45 97.1 51.5 154.5



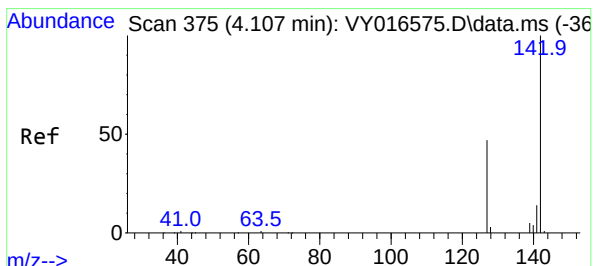
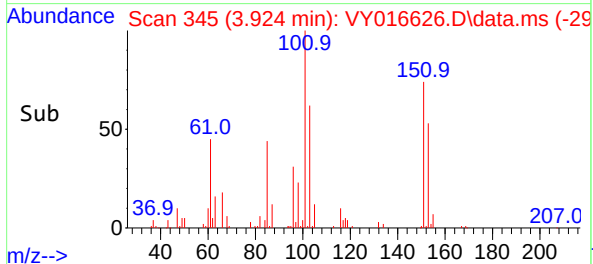
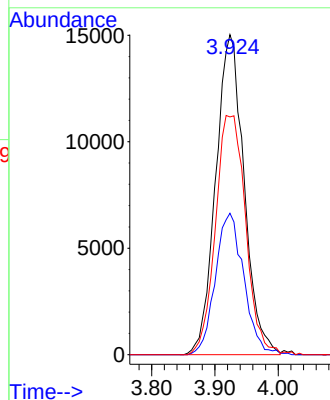
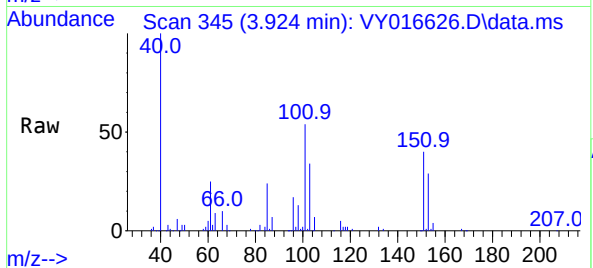




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 26.804 ug/l  
RT: 3.924 min Scan# 343  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

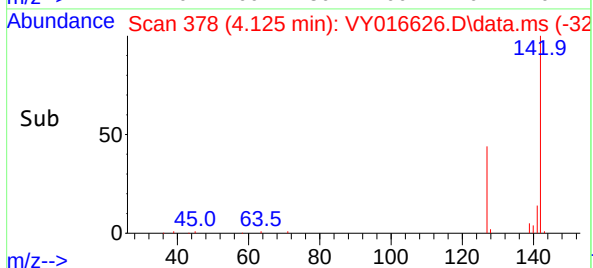
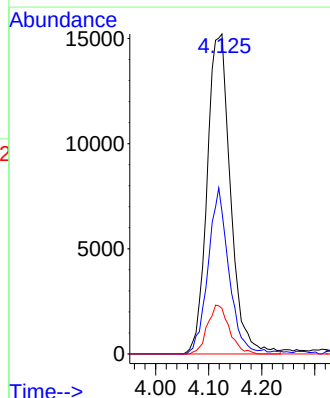
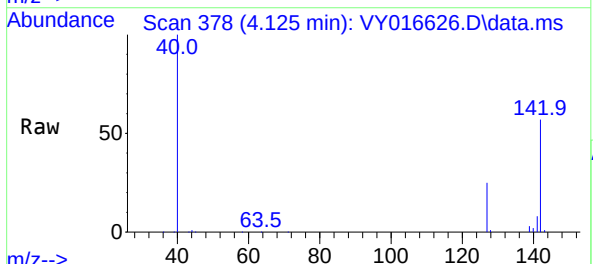
Instrument :  
MSVOA\_Y  
ClientSampleId :

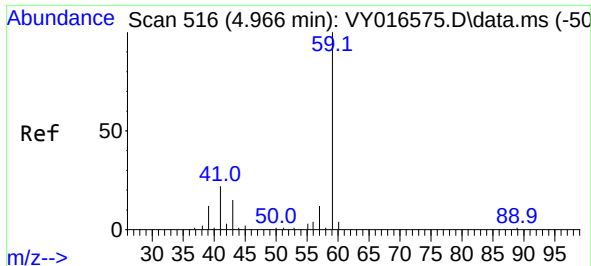
Tgt Ion:101 Resp: 46724  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.6 55.0  
151 79.8 67.0 100.6



#10  
Methyl Iodide  
Concen: 25.298 ug/l  
RT: 4.125 min Scan# 378  
Delta R.T. 0.018 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

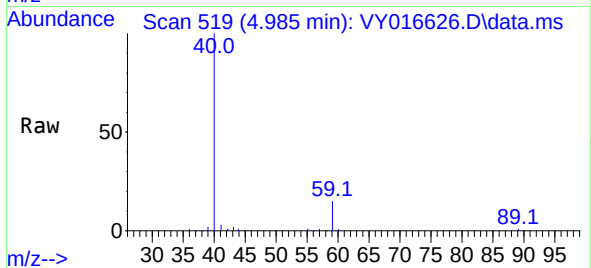
Tgt Ion:142 Resp: 46593  
Ion Ratio Lower Upper  
142 100  
127 46.2 37.6 56.4  
141 14.3 11.8 17.8



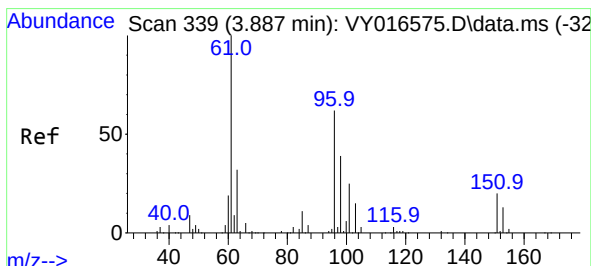
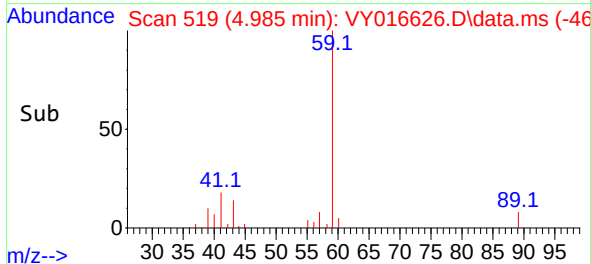
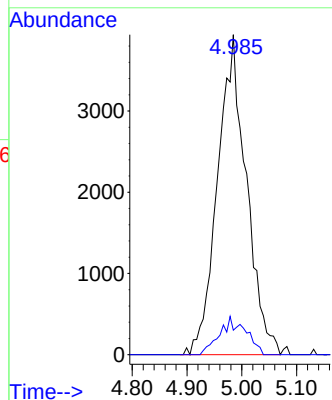


#11  
Tert butyl alcohol  
Concen: 128.223 ug/l  
RT: 4.985 min Scan# 516  
Delta R.T. 0.018 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

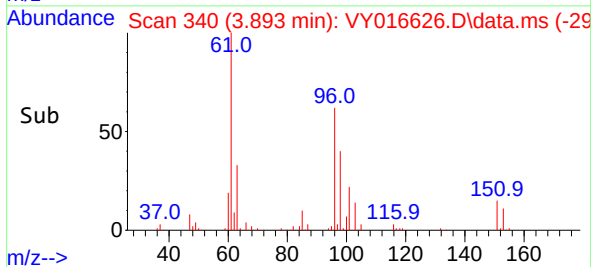
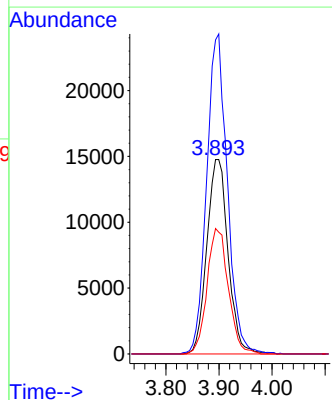
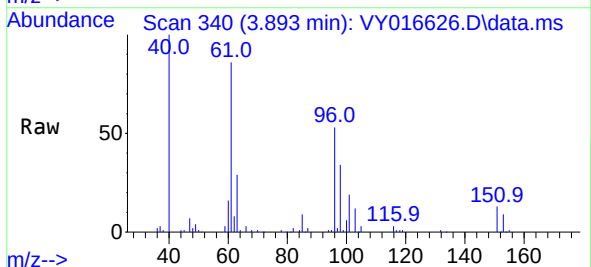


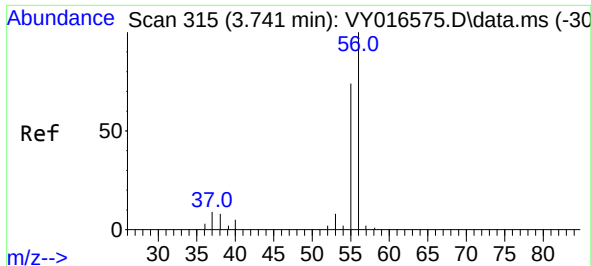
Tgt Ion: 59 Resp: 14388  
Ion Ratio Lower Upper  
59 100  
57 6.7 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 25.981 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 96 Resp: 41142  
Ion Ratio Lower Upper  
96 100  
61 161.6 136.4 204.6  
98 64.5 49.4 74.2

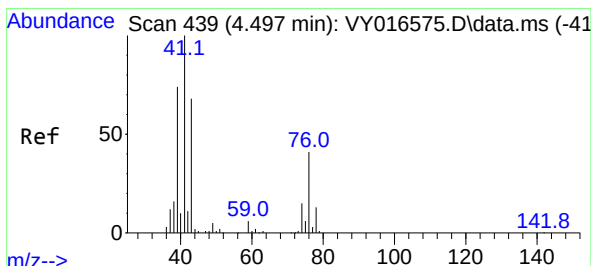
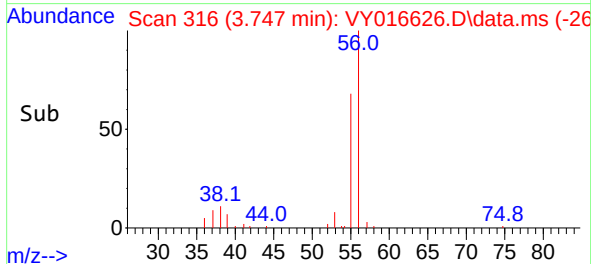
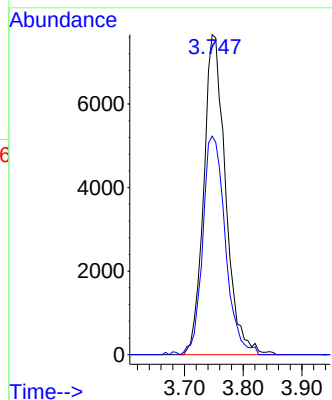
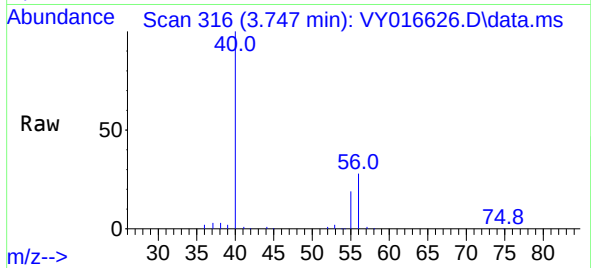




#13  
Acrolein  
Concen: 121.422 ug/l  
RT: 3.747 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

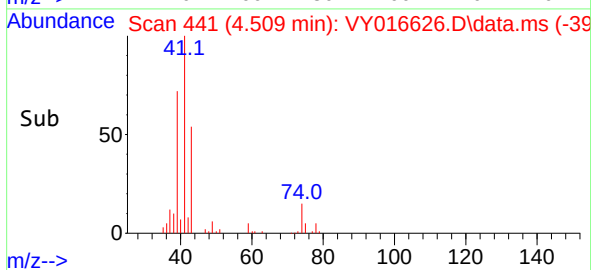
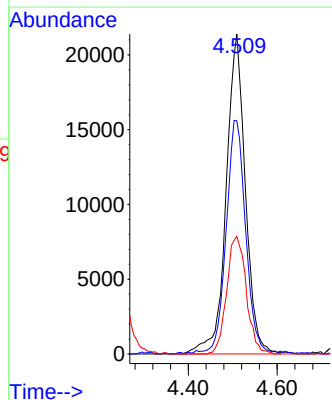
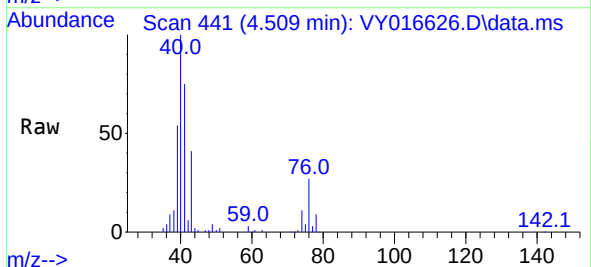
Instrument :  
MSVOA\_Y  
ClientSampleId :

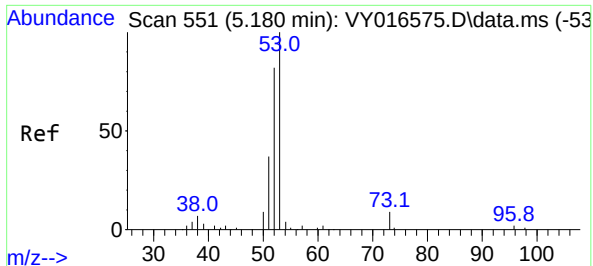
Tgt Ion: 56 Resp: 19808  
Ion Ratio Lower Upper  
56 100  
55 70.6 57.0 85.4



#14  
Allyl chloride  
Concen: 26.488 ug/l  
RT: 4.509 min Scan# 441  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

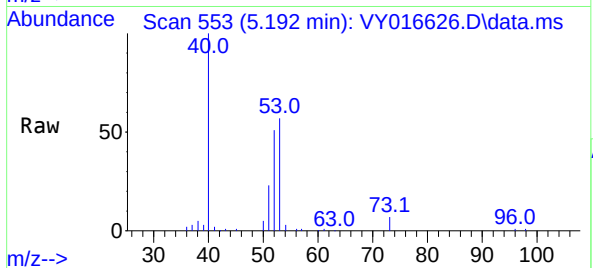
Tgt Ion: 41 Resp: 64011  
Ion Ratio Lower Upper  
41 100  
39 74.5 58.0 87.0  
76 37.5 27.4 41.2





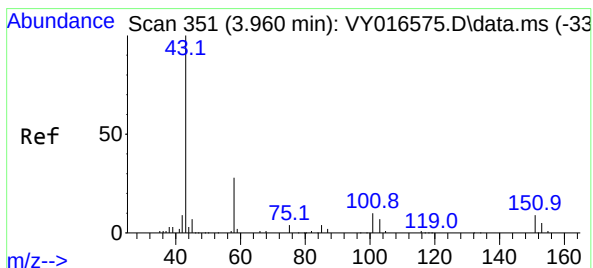
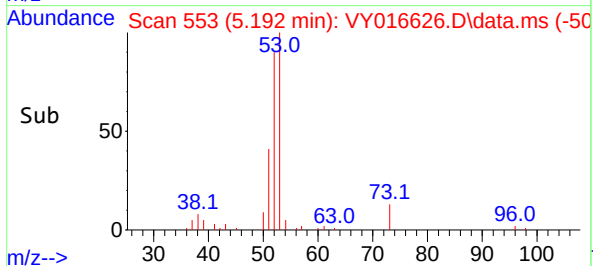
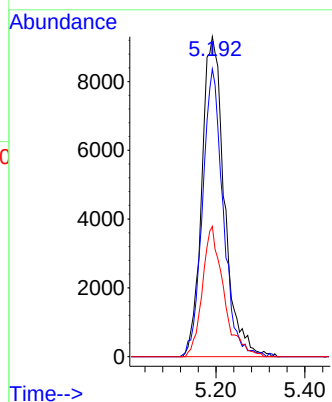
#15  
Acrylonitrile  
Concen: 93.761 ug/l  
RT: 5.192 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 53 Resp: 32854

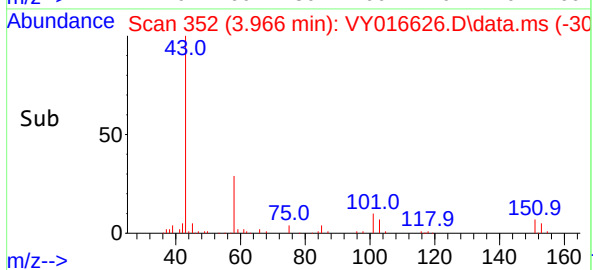
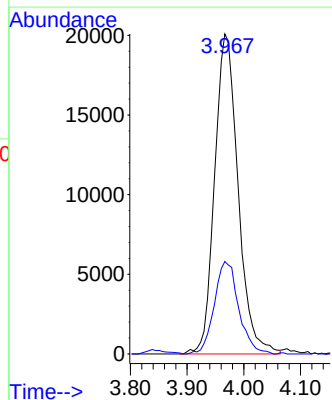
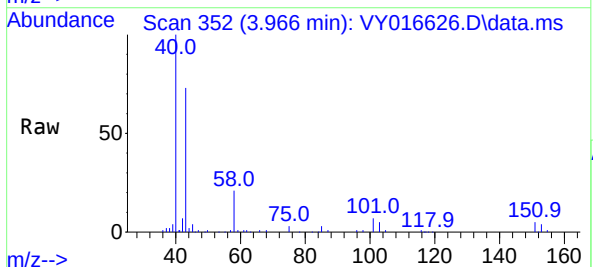
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.3  | 66.9  | 100.3 |
| 51  | 38.6  | 29.8  | 44.6  |

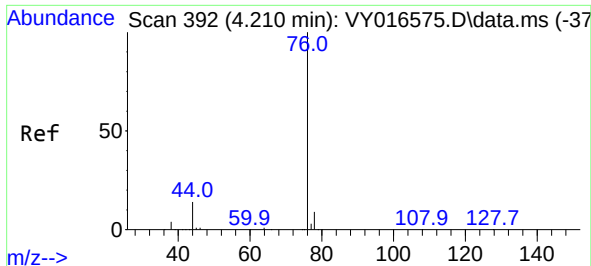


#16  
Acetone  
Concen: 154.847 ug/l  
RT: 3.966 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 43 Resp: 57708

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.6  | 22.7  | 34.1  |

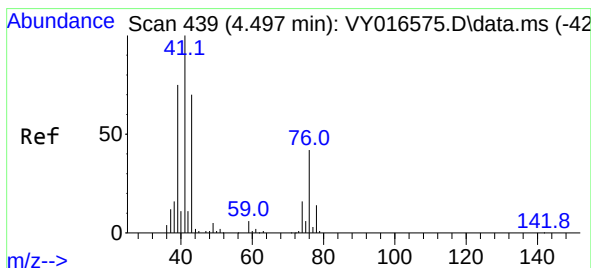
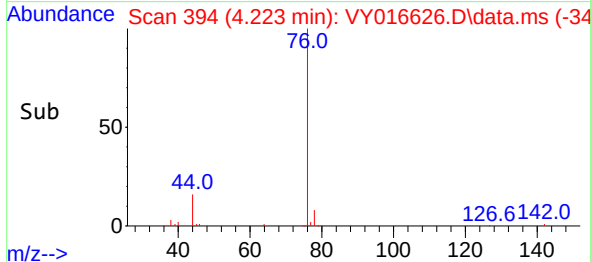
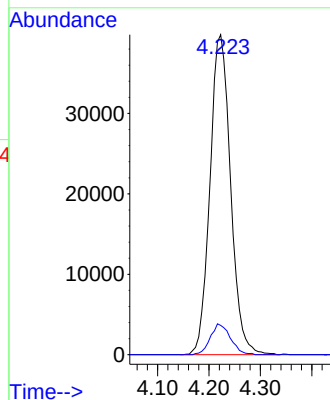
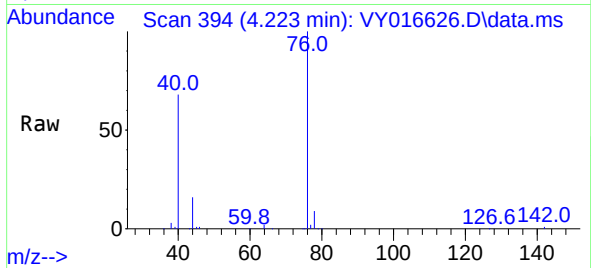




#17  
Carbon Disulfide  
Concen: 24.982 ug/l  
RT: 4.223 min Scan# 391  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

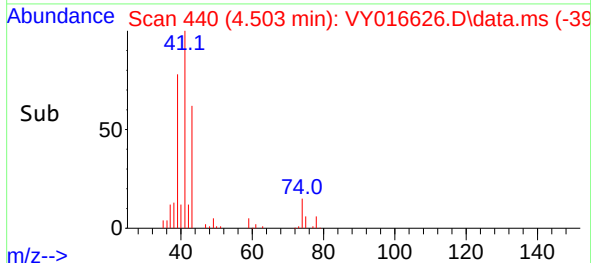
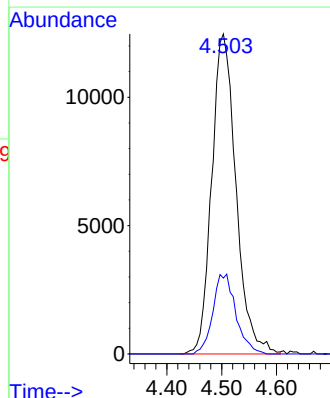
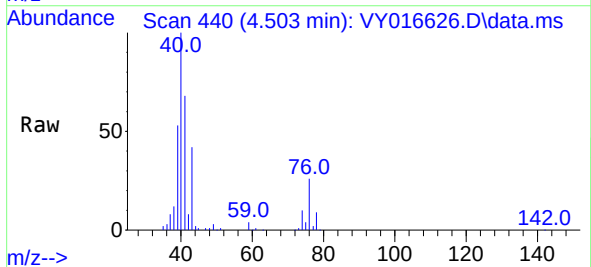
Instrument :  
MSVOA\_Y  
ClientSampleId :

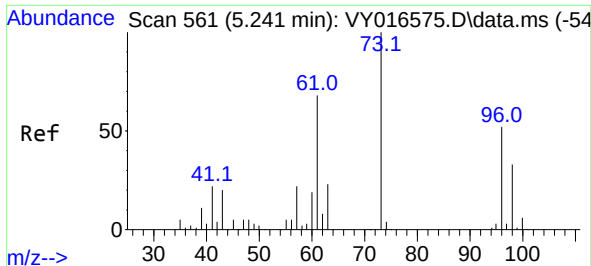
Tgt Ion: 76 Resp: 110911  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4



#18  
Methyl Acetate  
Concen: 25.908 ug/l  
RT: 4.503 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

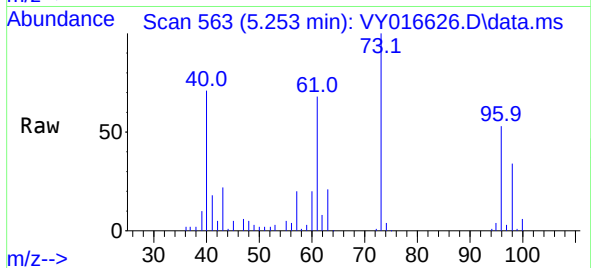
Tgt Ion: 43 Resp: 38273  
Ion Ratio Lower Upper  
43 100  
74 23.7 17.4 26.0



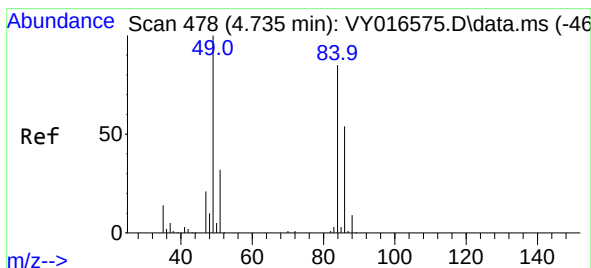
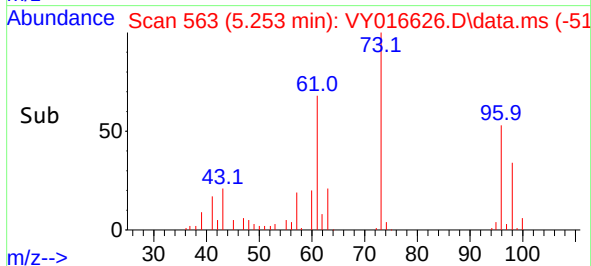
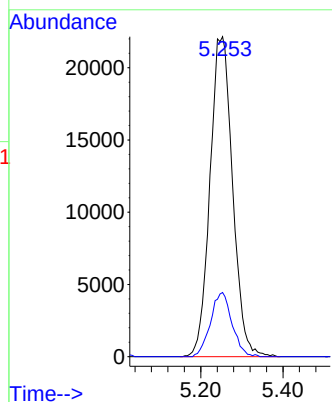


#19  
Methyl tert-butyl Ether  
Concen: 21.732 ug/l  
RT: 5.253 min Scan# 50  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

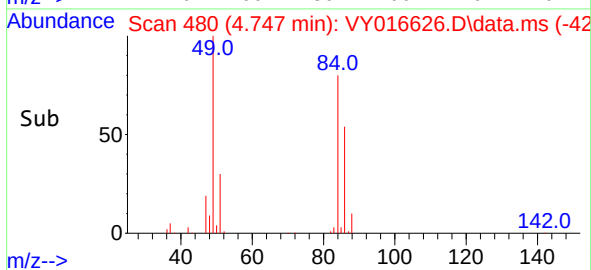
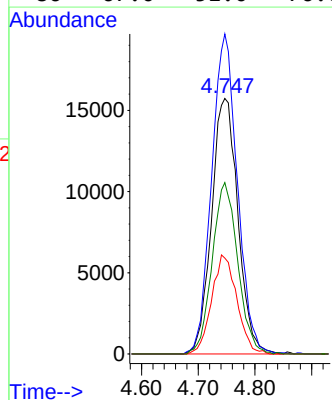
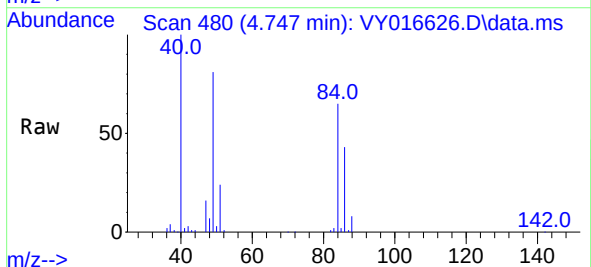


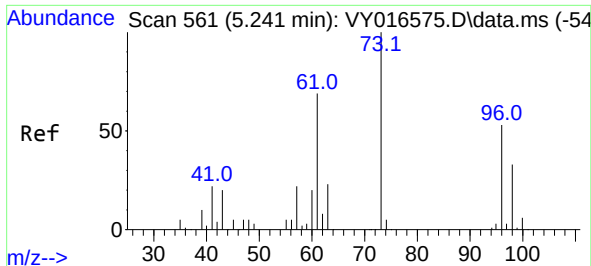
Tgt Ion: 73 Resp: 84596  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 29.544 ug/l  
RT: 4.747 min Scan# 480  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

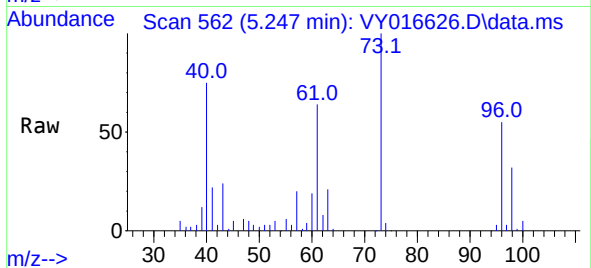
Tgt Ion: 84 Resp: 50804  
Ion Ratio Lower Upper  
84 100  
49 125.2 106.9 160.3  
51 37.5 33.2 49.8  
86 67.0 51.0 76.6



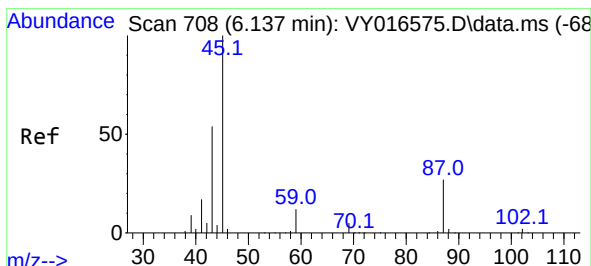
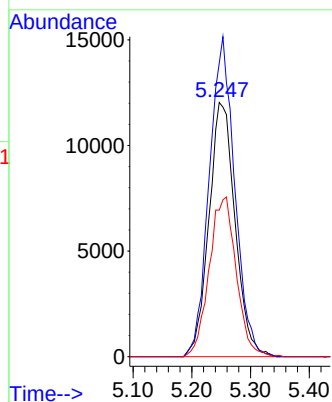
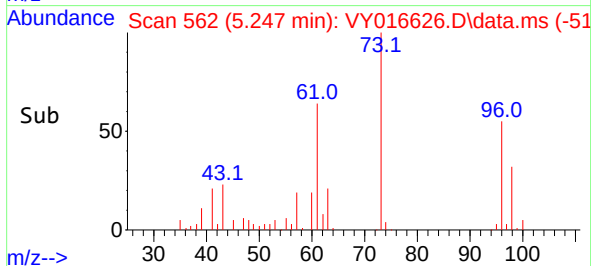


#21  
trans-1,2-Dichloroethene  
Concen: 20.921 ug/l  
RT: 5.247 min Scan# 501  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

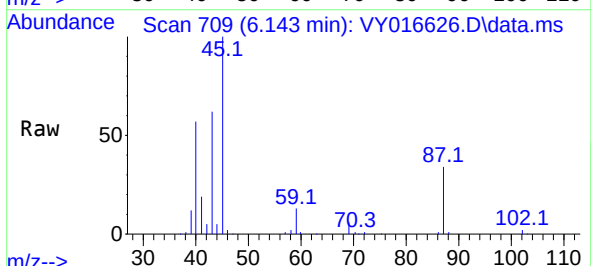
Instrument :  
MSVOA\_Y  
ClientSampleId :



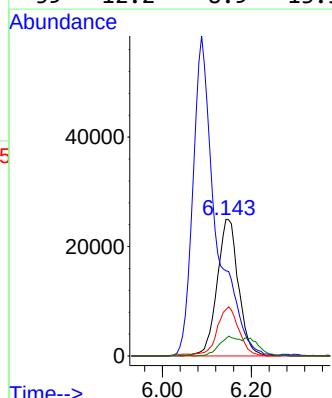
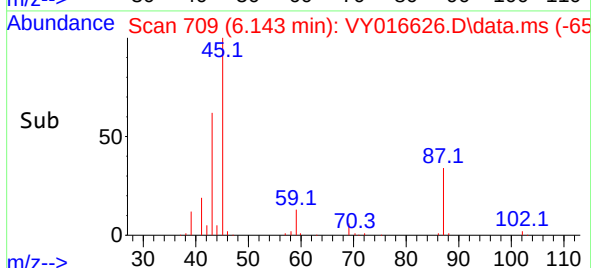
Tgt Ion: 96 Resp: 37255  
Ion Ratio Lower Upper  
96 100  
61 115.4 110.2 165.4  
98 57.7 51.8 77.6

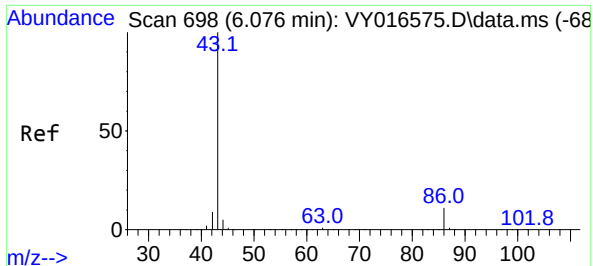


#22  
Diisopropyl ether  
Concen: 16.719 ug/l  
RT: 6.143 min Scan# 709  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03



Tgt Ion: 45 Resp: 83094  
Ion Ratio Lower Upper  
45 100  
43 61.5 52.2 78.4  
87 34.0 21.0 31.6#  
59 12.2 8.9 13.3

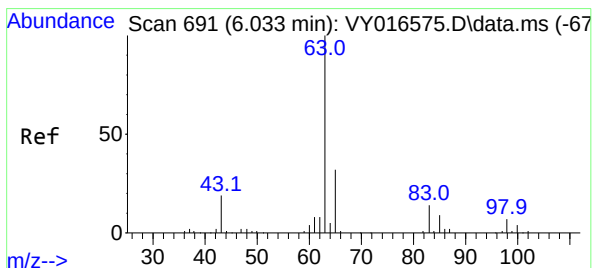
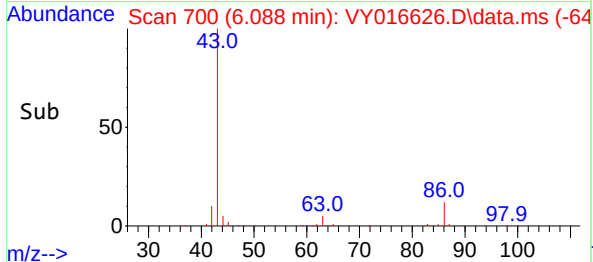
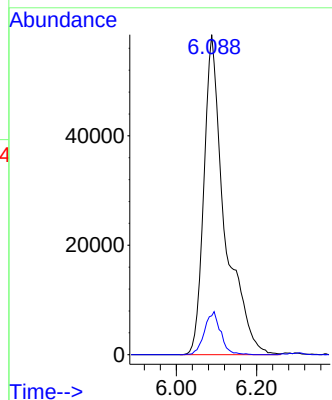
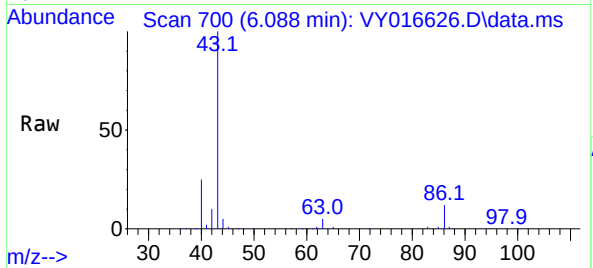




#23  
 Vinyl Acetate  
 Concen: 88.240 ug/l  
 RT: 6.088 min Scan# 700  
 Delta R.T. 0.012 min  
 Lab File: VY016626.D  
 Acq: 07 Dec 2023 16:03

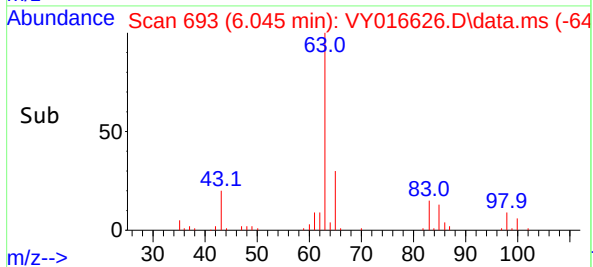
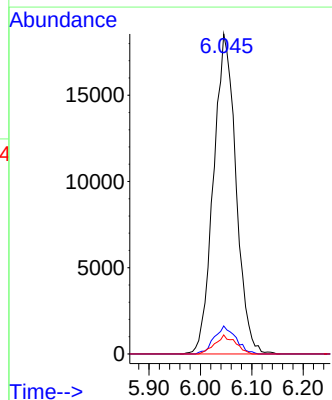
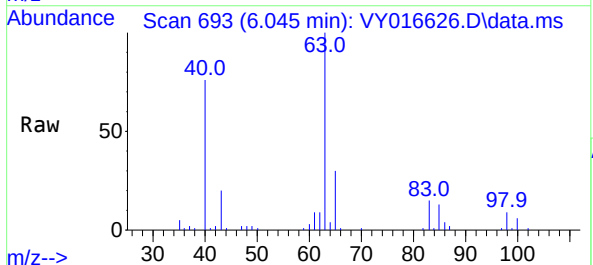
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 210537  
 Ion Ratio Lower Upper  
 43 100  
 86 12.2 7.5 11.3#

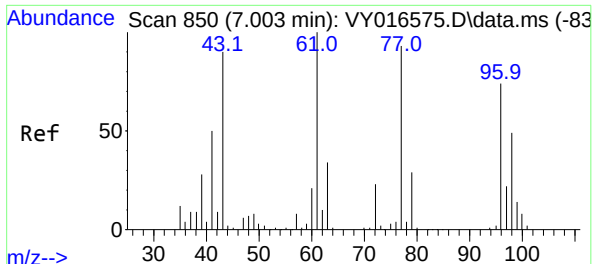


#24  
 1,1-Dichloroethane  
 Concen: 18.476 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. 0.012 min  
 Lab File: VY016626.D  
 Acq: 07 Dec 2023 16:03

Tgt Ion: 63 Resp: 56416  
 Ion Ratio Lower Upper  
 63 100  
 98 8.7 3.1 9.4  
 100 6.0 1.8 5.5#







#25

2-Butanone

Concen: 91.554 ug/l

RT: 7.015 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

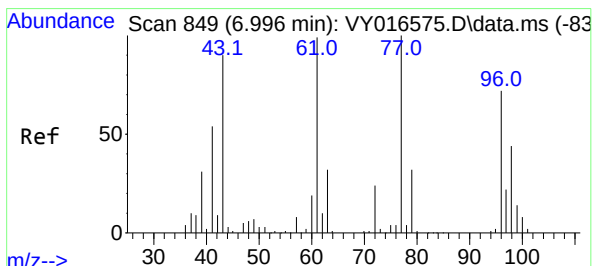
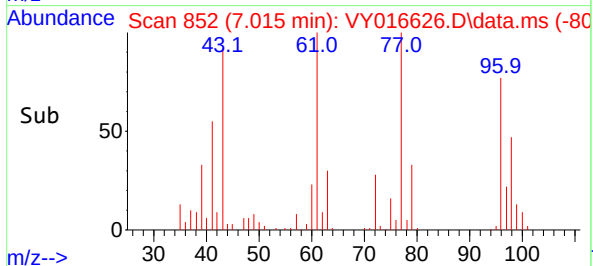
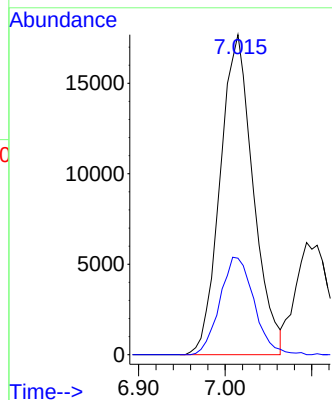
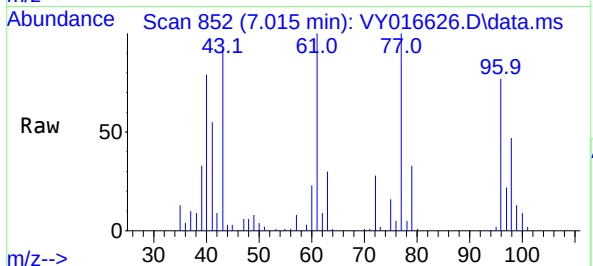
ClientSampleId :

Tgt Ion: 43 Resp: 46918

Ion Ratio Lower Upper

43 100

72 30.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.906 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016626.D

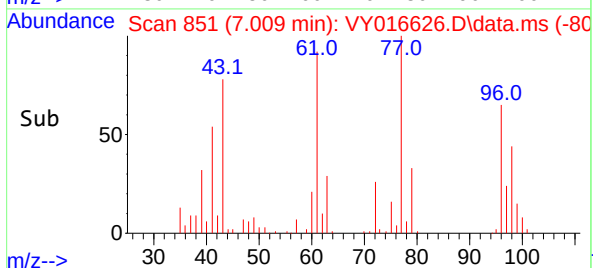
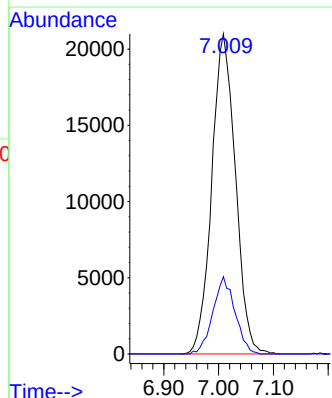
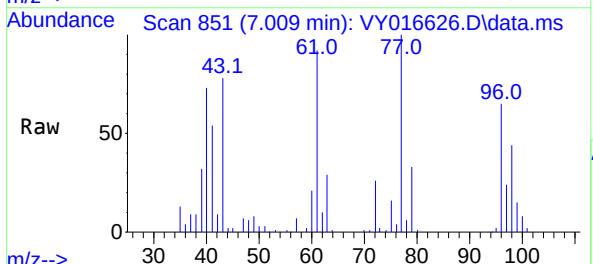
Acq: 07 Dec 2023 16:03

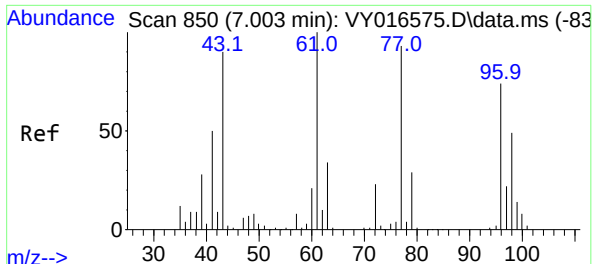
Tgt Ion: 77 Resp: 62882

Ion Ratio Lower Upper

77 100

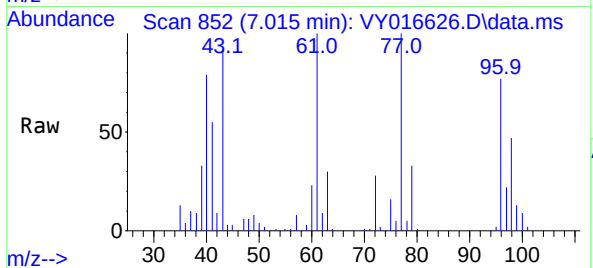
97 22.5 10.9 32.9



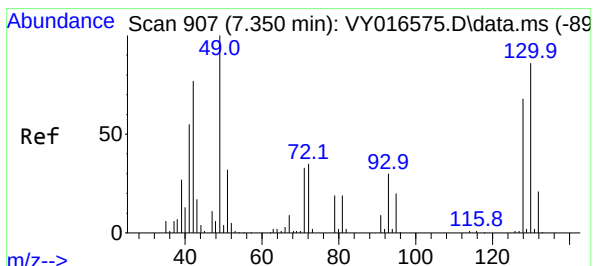
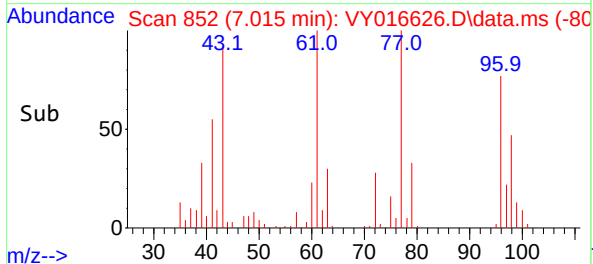
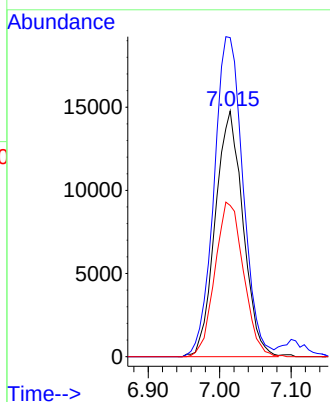


#27  
cis-1,2-Dichloroethene  
Concen: 20.352 ug/l  
RT: 7.015 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

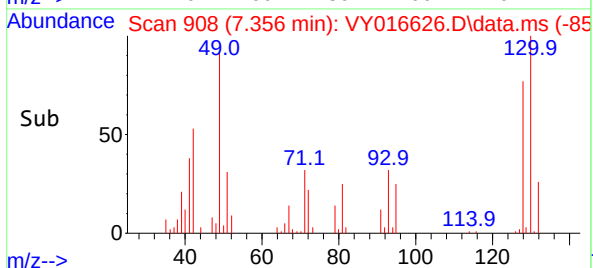
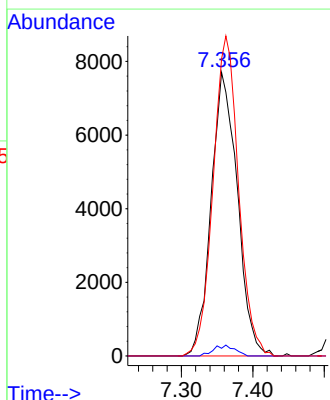
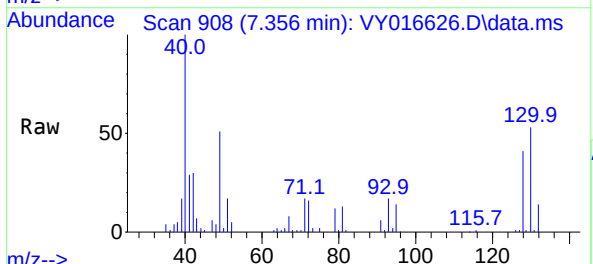


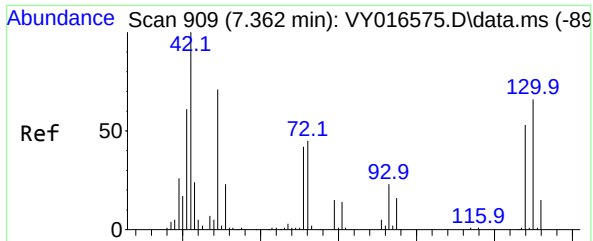
Tgt Ion: 96 Resp: 39892  
Ion Ratio Lower Upper  
96 100  
61 135.9 0.0 301.4  
98 64.7 0.0 130.4



#28  
Bromochloromethane  
Concen: 15.834 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 49 Resp: 19584  
Ion Ratio Lower Upper  
49 100  
129 3.1 0.0 4.6  
130 109.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 79.956 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

ClientSampleId :

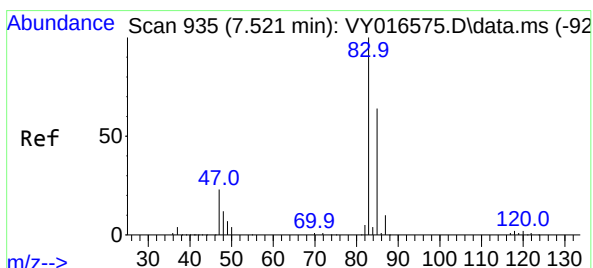
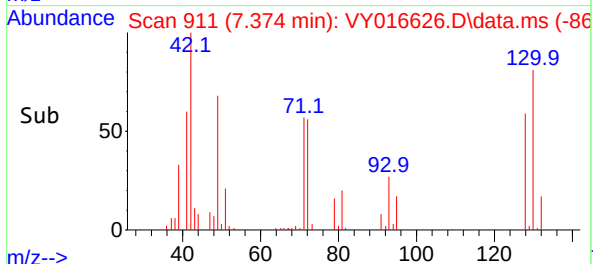
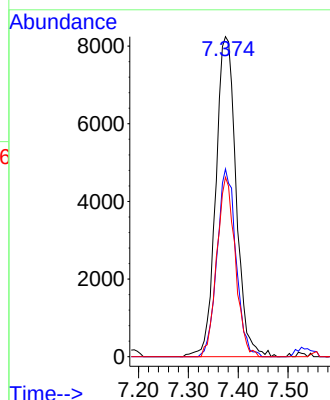
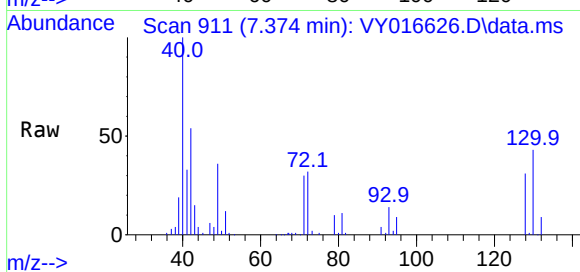
Tgt Ion: 42 Resp: 23361

Ion Ratio Lower Upper

42 100

72 54.5 32.8 49.2#

71 50.9 31.0 46.4#



#30

Chloroform

Concen: 20.666 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016626.D

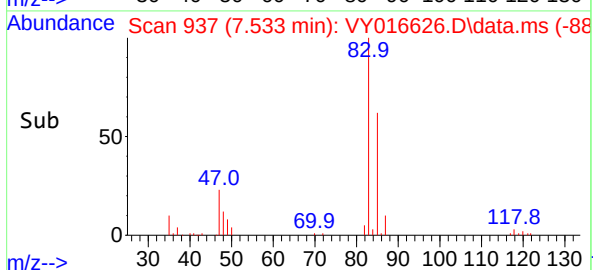
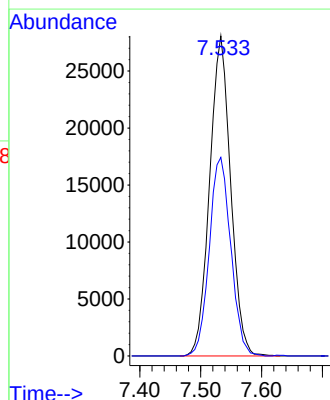
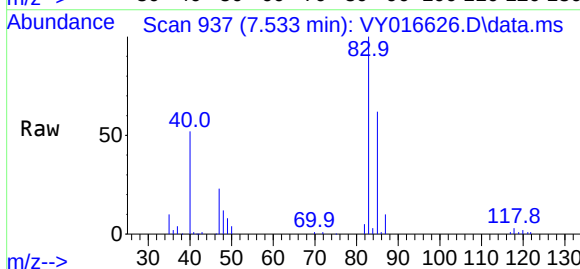
Acq: 07 Dec 2023 16:03

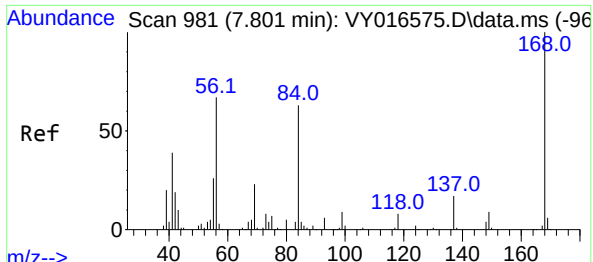
Tgt Ion: 83 Resp: 67264

Ion Ratio Lower Upper

83 100

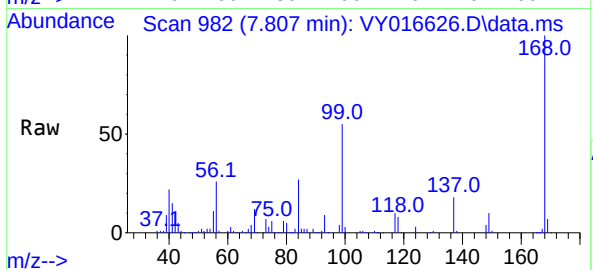
85 62.1 49.7 74.5



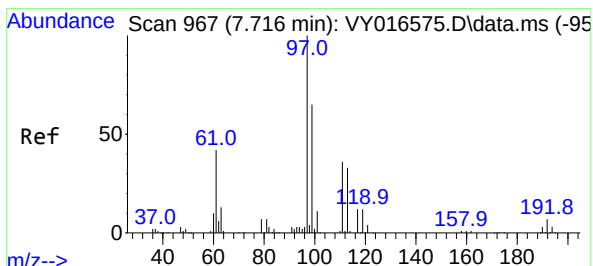
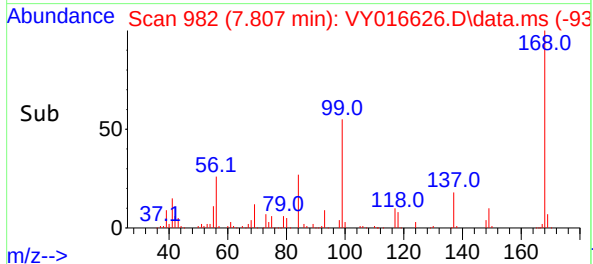
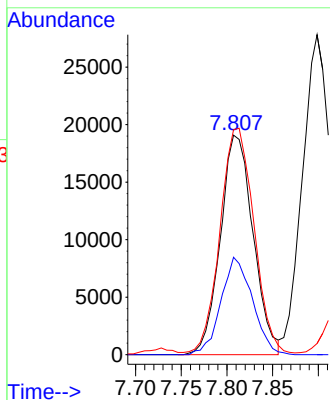


#31  
Cyclohexane  
Concen: 16.970 ug/l  
RT: 7.807 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

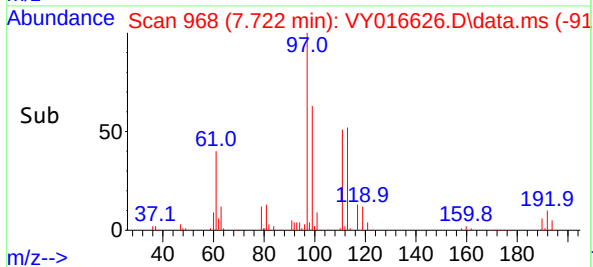
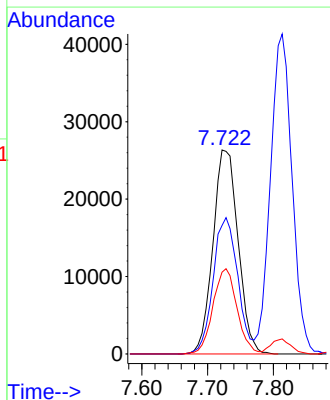
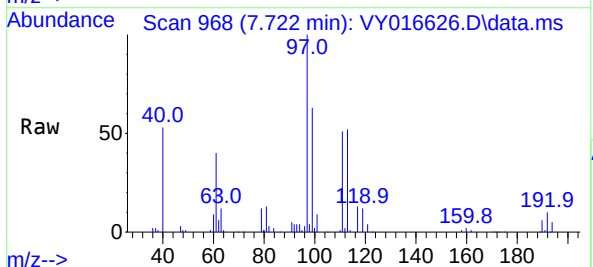


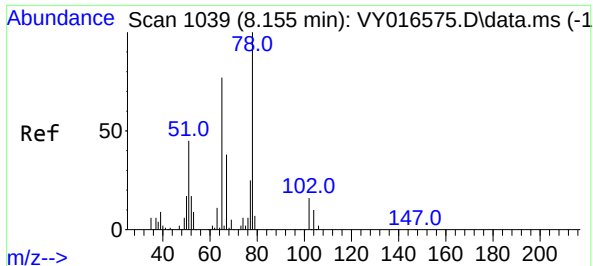
Tgt Ion: 56 Resp: 47712  
Ion Ratio Lower Upper  
56 100  
69 44.4 27.8 41.6#  
84 101.4 66.4 99.6#



#32  
1,1,1-Trichloroethane  
Concen: 22.778 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 97 Resp: 70163  
Ion Ratio Lower Upper  
97 100  
99 65.5 50.8 76.2  
61 40.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.904 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

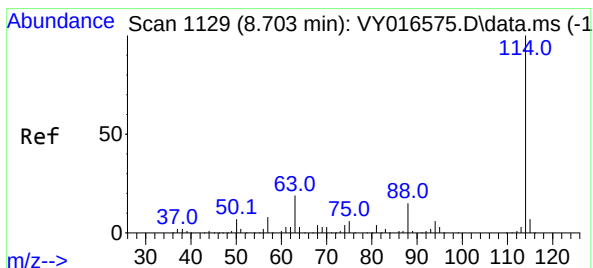
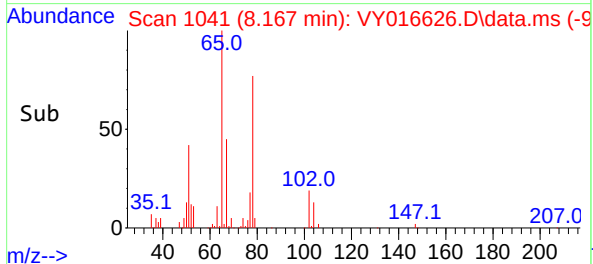
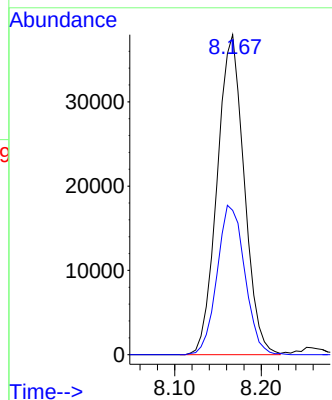
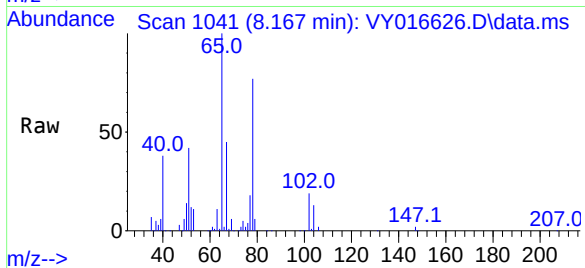
ClientSampleId :

Tgt Ion: 65 Resp: 82188

Ion Ratio Lower Upper

65 100

67 47.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

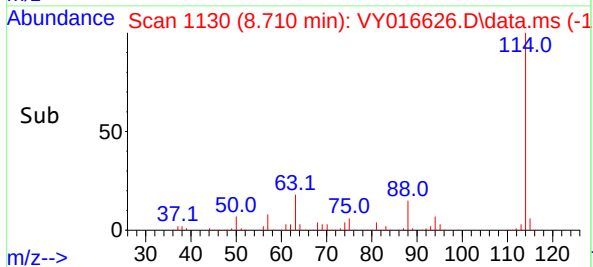
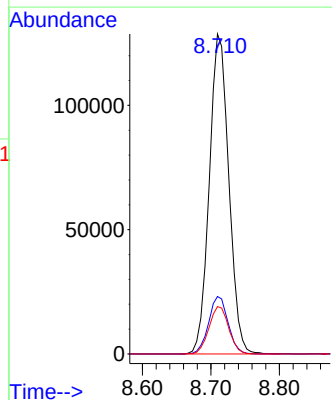
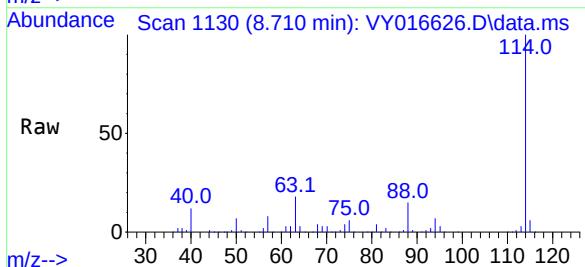
Tgt Ion: 114 Resp: 254977

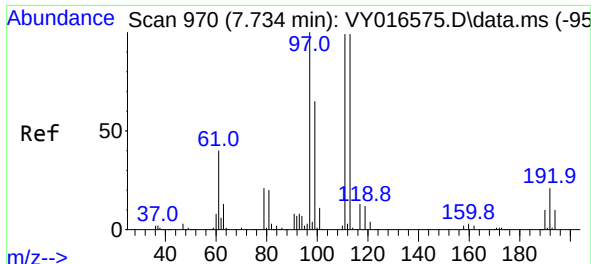
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

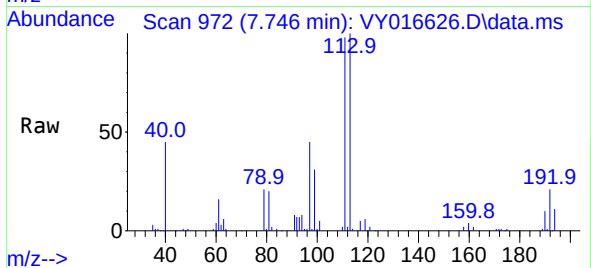
88 14.8 0.0 30.6



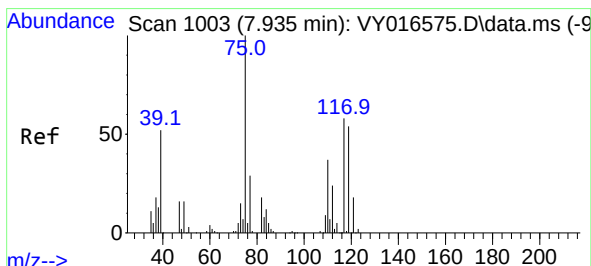
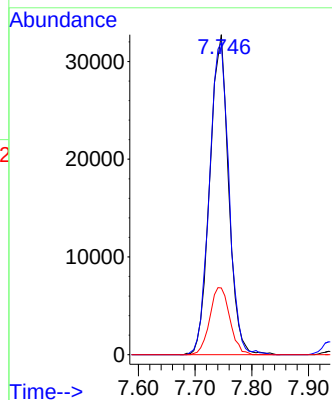
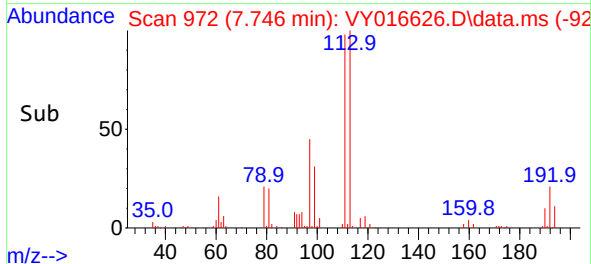


#35  
Dibromofluoromethane  
Concen: 49.131 ug/l  
RT: 7.746 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

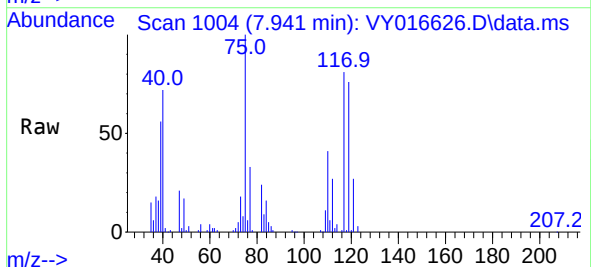
Instrument :  
MSVOA\_Y  
ClientSampleId :



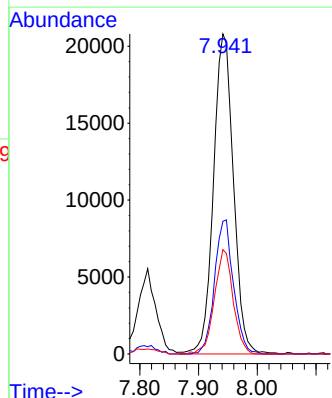
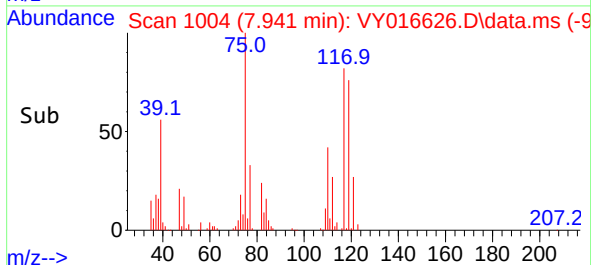
Tgt Ion:113 Resp: 75390  
Ion Ratio Lower Upper  
113 100  
111 101.6 81.3 121.9  
192 22.4 16.9 25.3

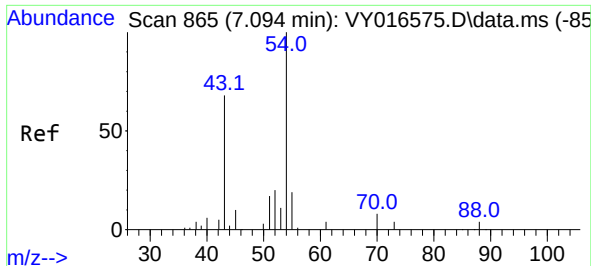


#36  
1,1-Dichloropropene  
Concen: 21.075 ug/l  
RT: 7.941 min Scan# 1004  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03



Tgt Ion: 75 Resp: 49159  
Ion Ratio Lower Upper  
75 100  
110 39.7 17.8 53.5  
77 30.4 24.4 36.6

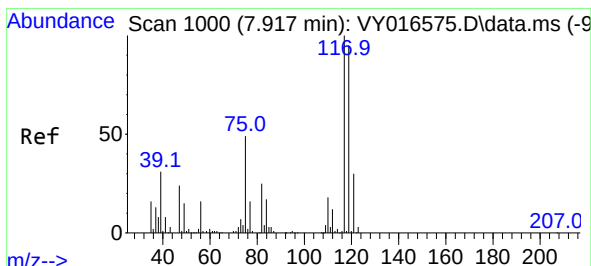
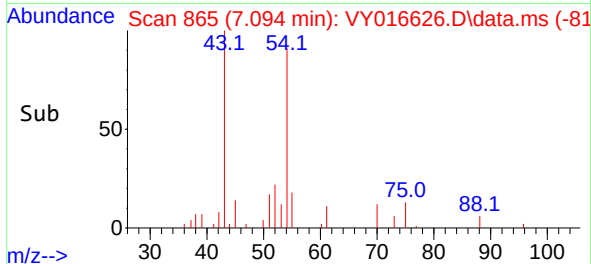
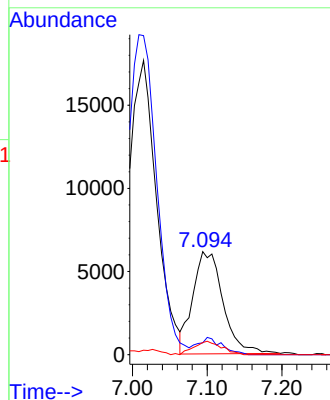
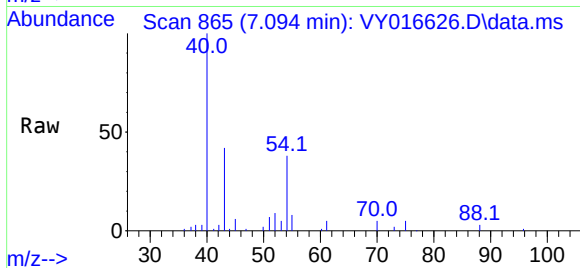




#37  
Ethyl Acetate  
Concen: 17.679 ug/l  
RT: 7.094 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

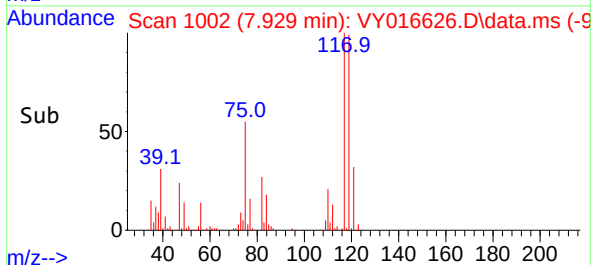
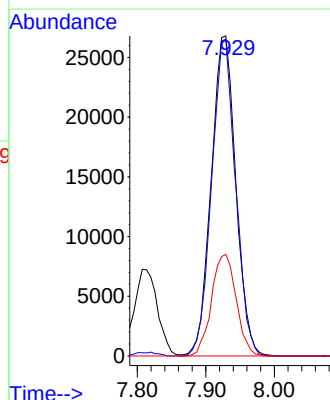
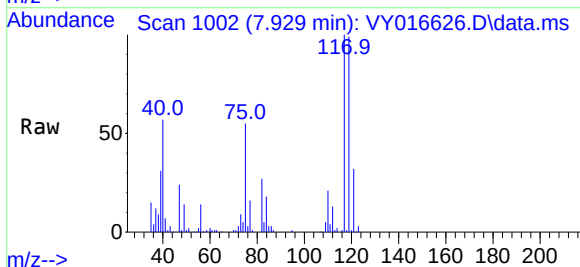
Instrument :  
MSVOA\_Y  
ClientSampleId :

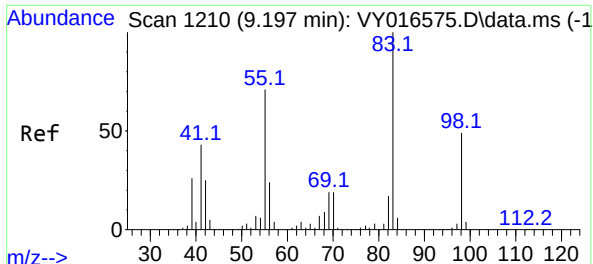
Tgt Ion: 43 Resp: 17255  
Ion Ratio Lower Upper  
43 100  
61 13.5 10.1 15.1  
70 12.1 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 24.733 ug/l  
RT: 7.929 min Scan# 1002  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 117 Resp: 66786  
Ion Ratio Lower Upper  
117 100  
119 99.0 76.4 114.6  
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 21.271 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

ClientSampleId :

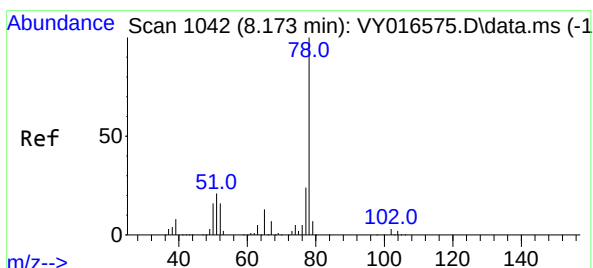
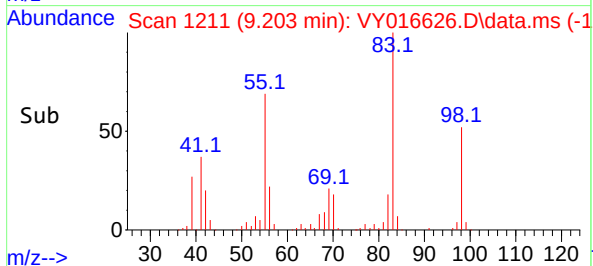
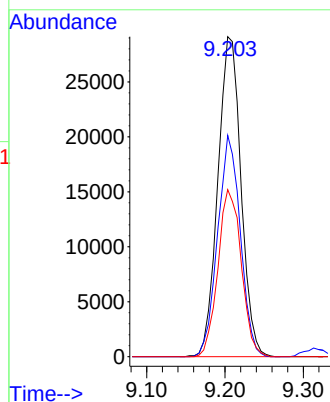
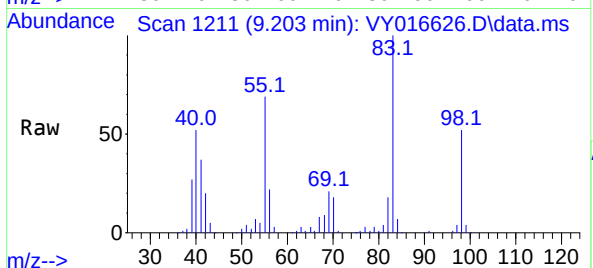
Tgt Ion: 83 Resp: 59777

Ion Ratio Lower Upper

83 100

55 69.2 63.0 94.4

98 52.2 37.4 56.2



#40

Benzene

Concen: 20.745 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016626.D

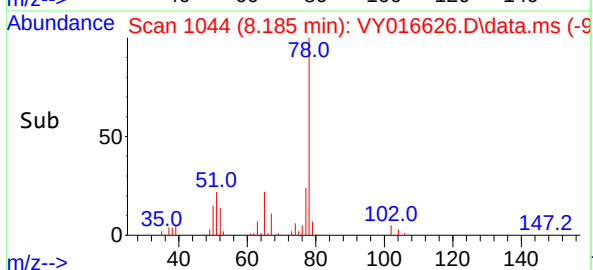
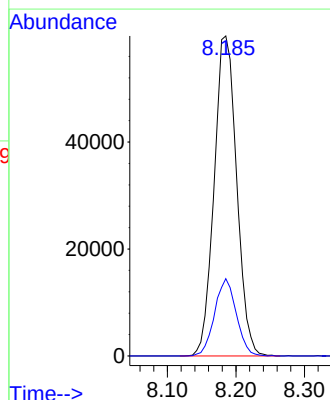
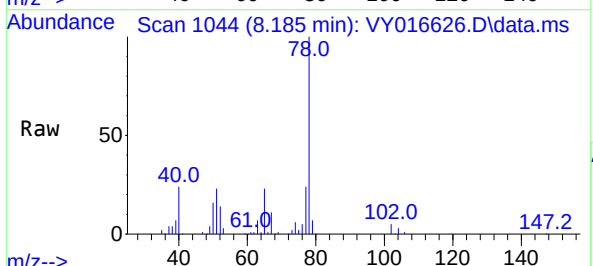
Acq: 07 Dec 2023 16:03

Tgt Ion: 78 Resp: 136391

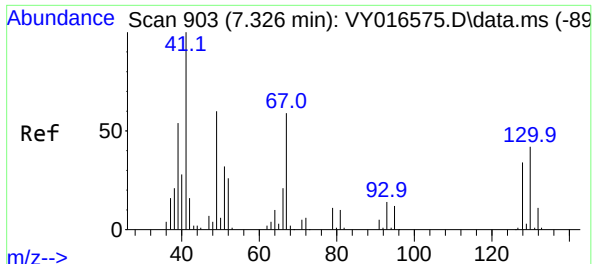
Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

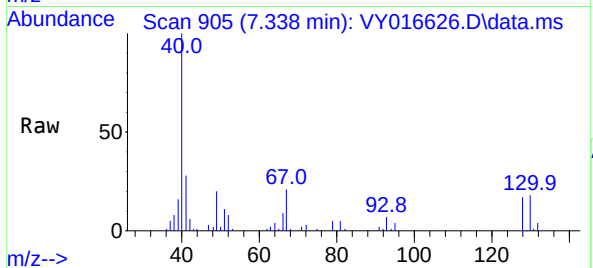




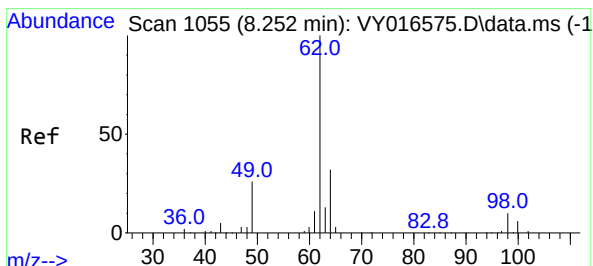
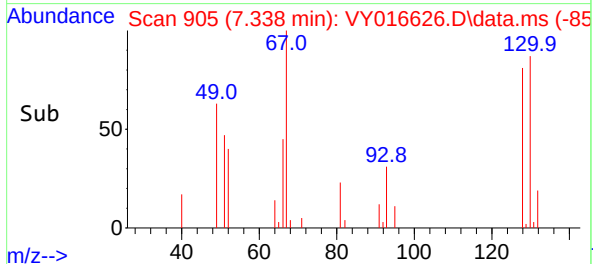
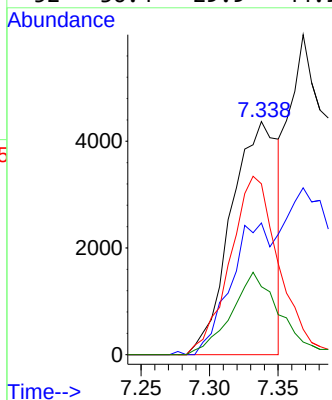


#41  
Methacrylonitrile  
Concen: 18.453 ug/l  
RT: 7.338 min Scan# 903  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

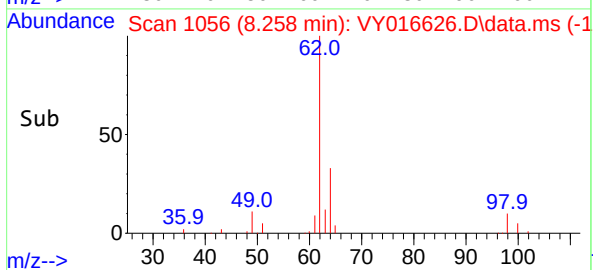
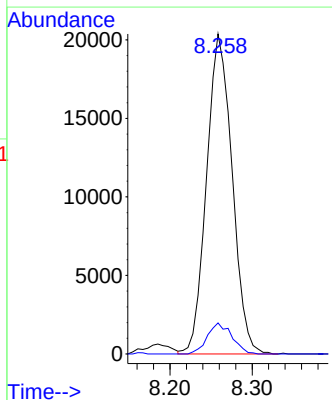
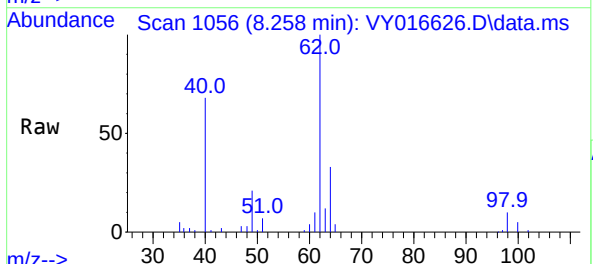


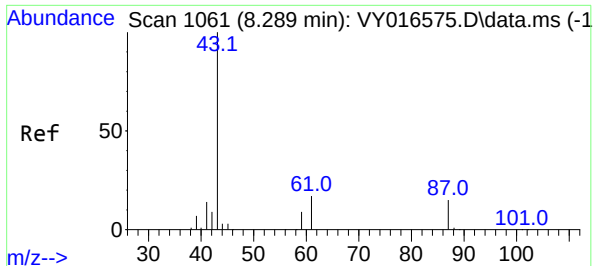
Tgt Ion: 41 Resp: 10402  
Ion Ratio Lower Upper  
41 100  
39 47.8 52.1 78.1#  
67 80.3 66.2 99.2  
52 36.4 29.9 44.9



#42  
1,2-Dichloroethane  
Concen: 23.063 ug/l  
RT: 8.258 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 62 Resp: 44028  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 15.8

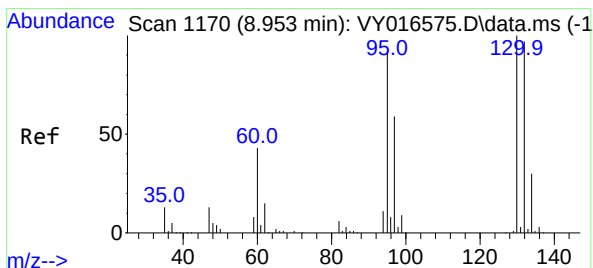
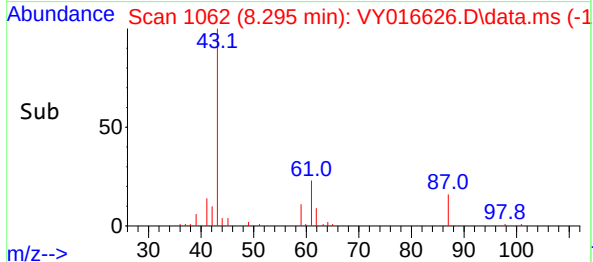
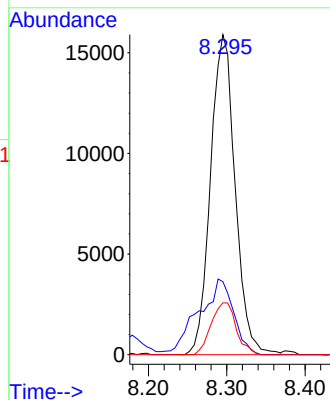
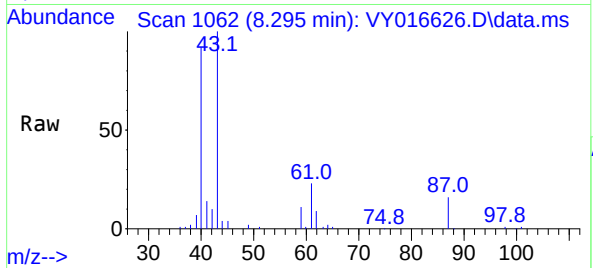




#43  
Isopropyl Acetate  
Concen: 18.444 ug/l  
RT: 8.295 min Scan# 1062  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

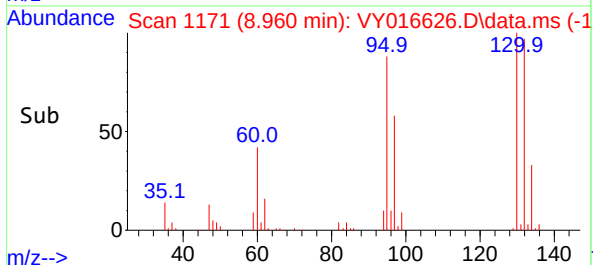
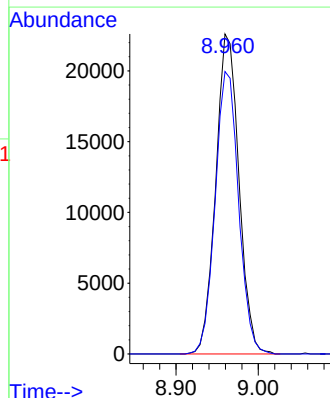
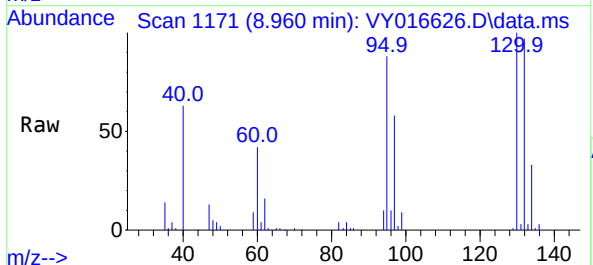
Instrument :  
MSVOA\_Y  
ClientSampleId :

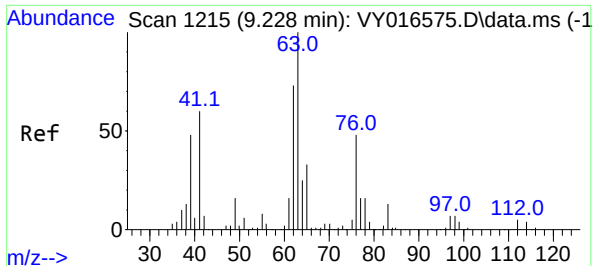
Tgt Ion: 43 Resp: 34727  
Ion Ratio Lower Upper  
43 100  
61 33.6 21.1 31.7#  
87 16.5 9.8 14.8#



#44  
Trichloroethene  
Concen: 22.376 ug/l  
RT: 8.960 min Scan# 1171  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion:130 Resp: 44366  
Ion Ratio Lower Upper  
130 100  
95 88.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 18.978 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

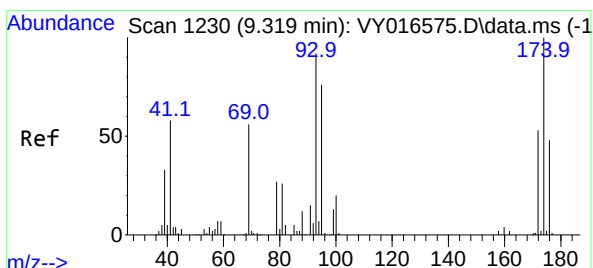
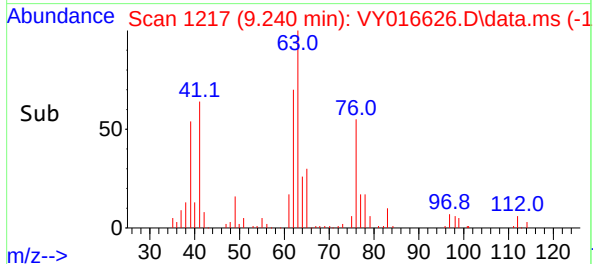
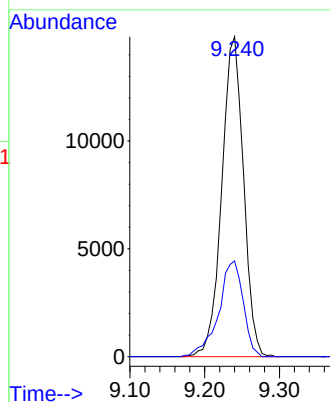
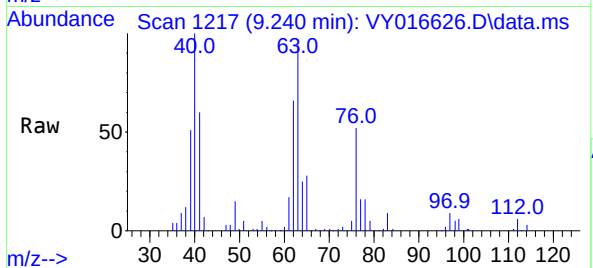
ClientSampleId :

Tgt Ion: 63 Resp: 30040

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



#46

Dibromomethane

Concen: 21.516 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

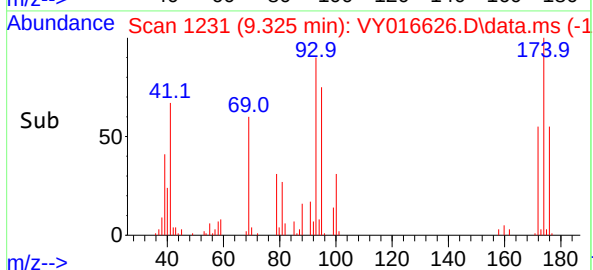
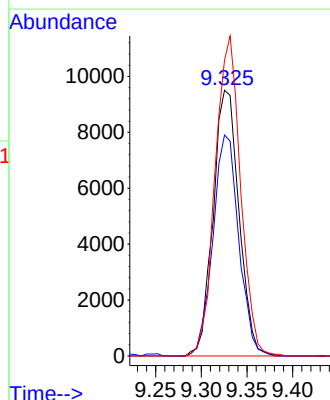
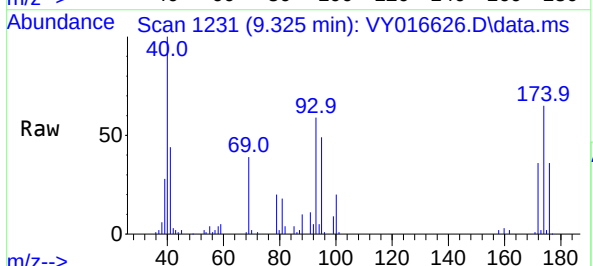
Tgt Ion: 93 Resp: 18670

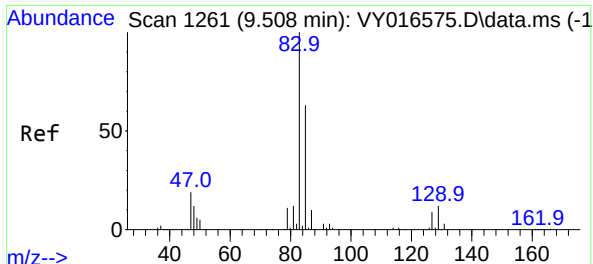
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

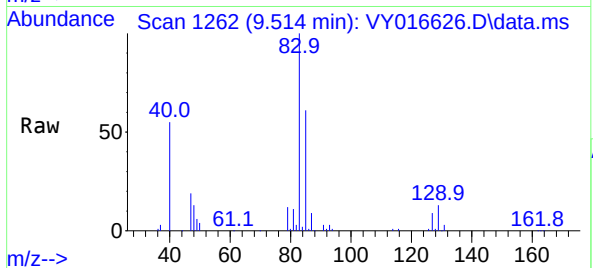
174 118.6 84.8 127.2



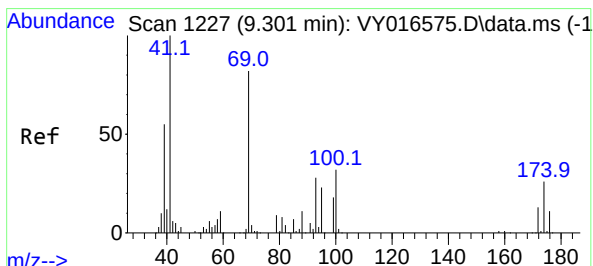
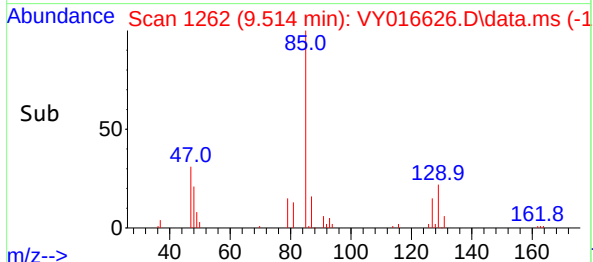
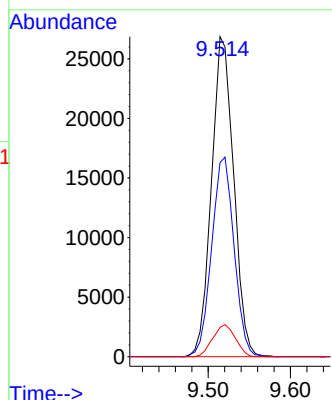


#47  
Bromodichloromethane  
Concen: 21.792 ug/l  
RT: 9.514 min Scan# 1262  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

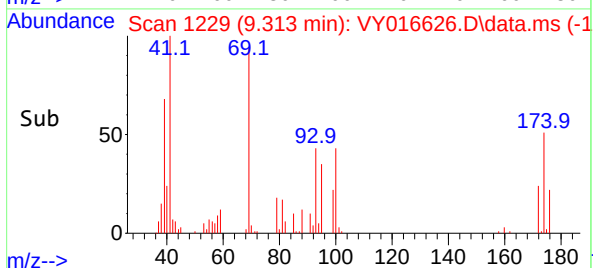
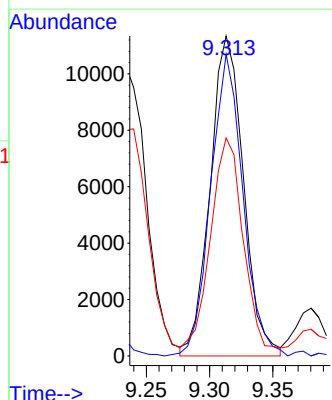
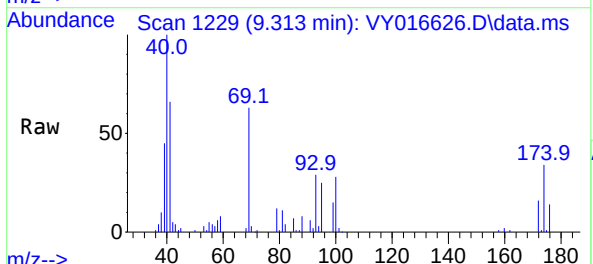


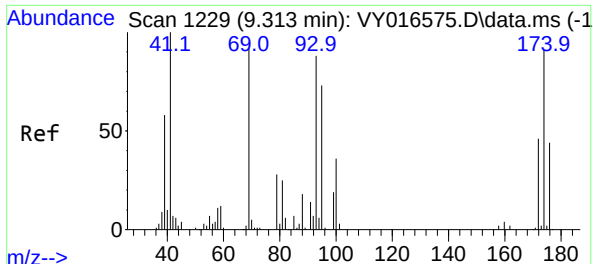
Tgt Ion: 83 Resp: 50342  
Ion Ratio Lower Upper  
83 100  
85 60.7 50.1 75.1  
127 9.2 7.1 10.7



#48  
Methyl methacrylate  
Concen: 19.055 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 41 Resp: 20720  
Ion Ratio Lower Upper  
41 100  
69 91.4 64.5 96.7  
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 466.242 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.012 min

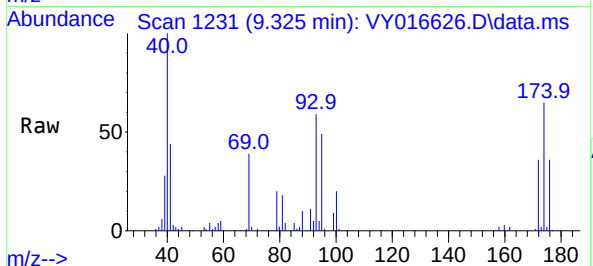
Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

ClientSampleId :



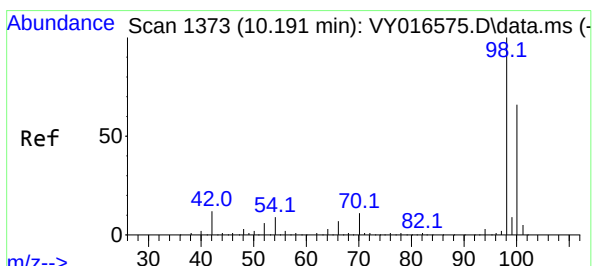
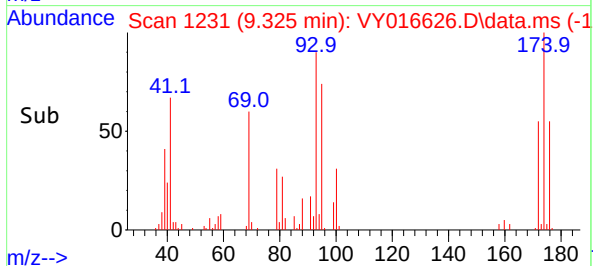
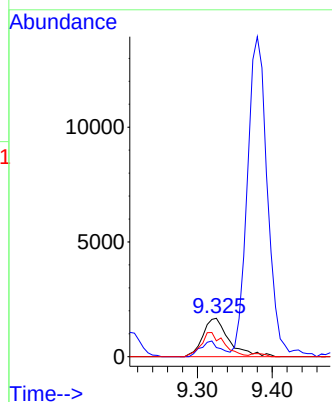
Tgt Ion: 88 Resp: 4095

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 55.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.488 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016626.D

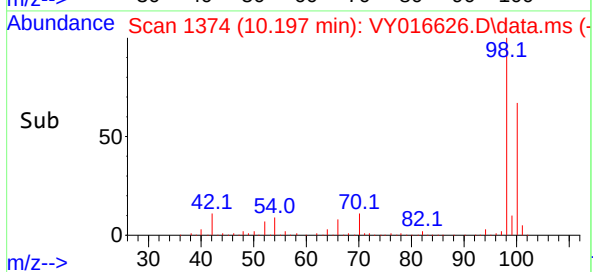
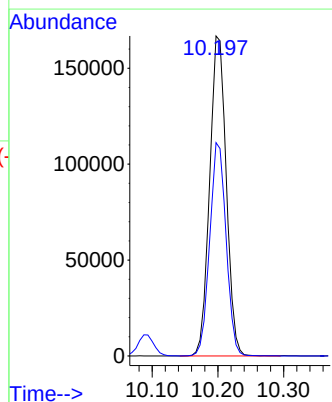
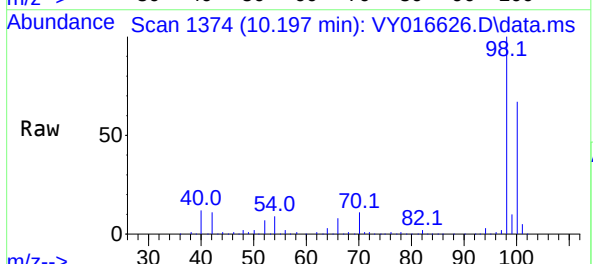
Acq: 07 Dec 2023 16:03

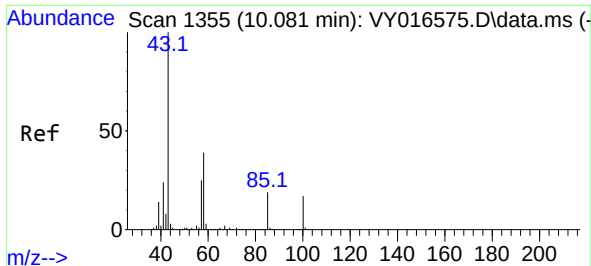
Tgt Ion: 98 Resp: 293042

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

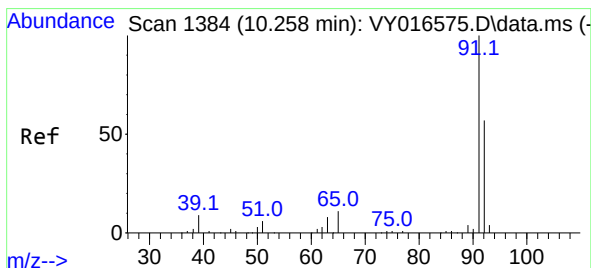
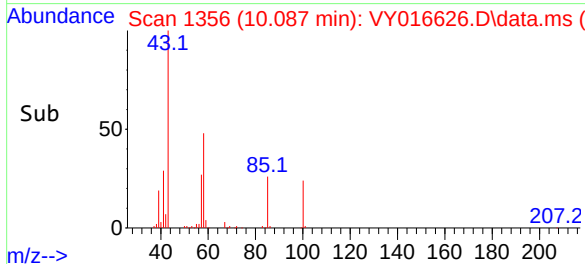
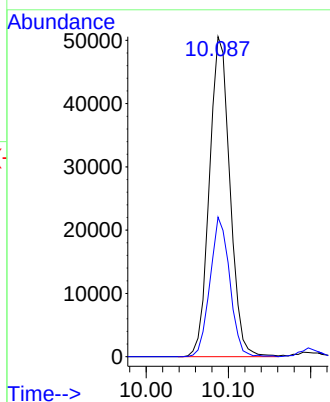
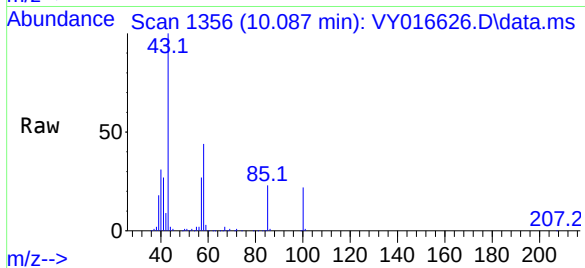




#51  
4-Methyl-2-Pentanone  
Concen: 89.567 ug/l  
RT: 10.087 min Scan# 1355  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

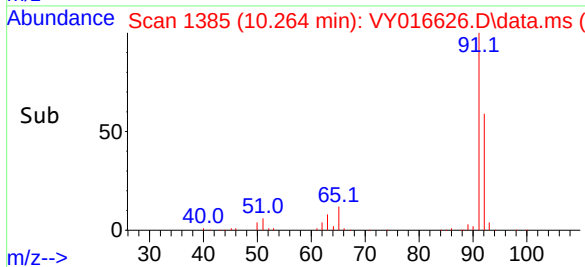
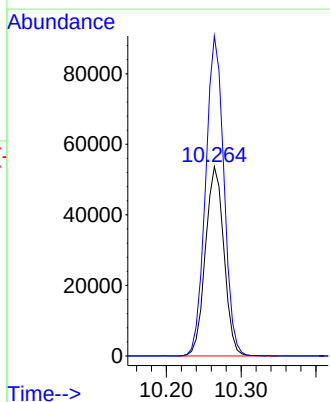
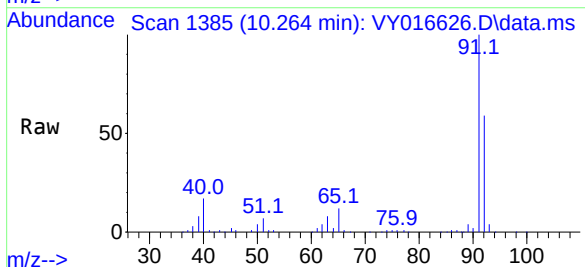
Instrument :  
MSVOA\_Y  
ClientSampleId :

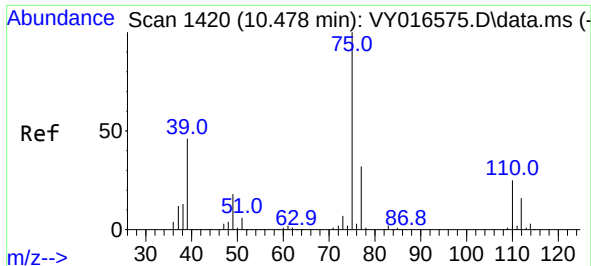
Tgt Ion: 43 Resp: 87641  
Ion Ratio Lower Upper  
43 100  
58 41.8 29.0 43.6



#52  
Toluene  
Concen: 22.420 ug/l  
RT: 10.264 min Scan# 1385  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 92 Resp: 92382  
Ion Ratio Lower Upper  
92 100  
91 167.4 143.8 215.6

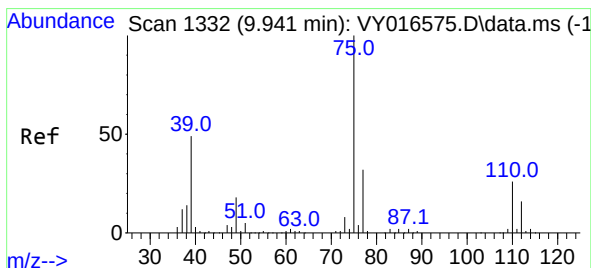
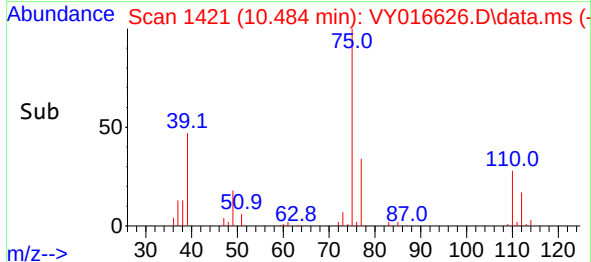
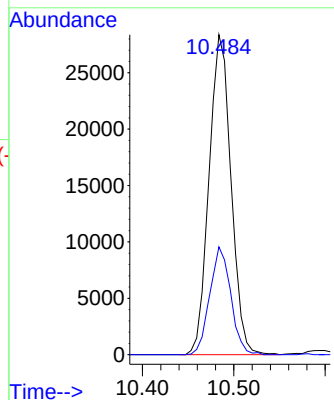
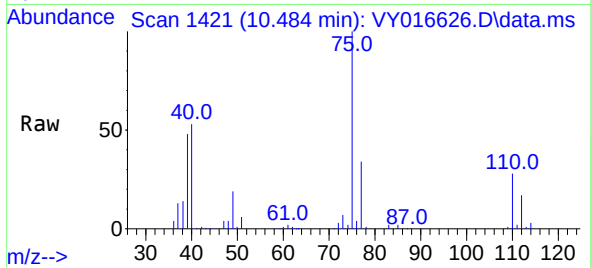




#53  
 t-1,3-Dichloropropene  
 Concen: 21.734 ug/l  
 RT: 10.484 min Scan# 1420  
 Delta R.T. 0.006 min  
 Lab File: VY016626.D  
 Acq: 07 Dec 2023 16:03

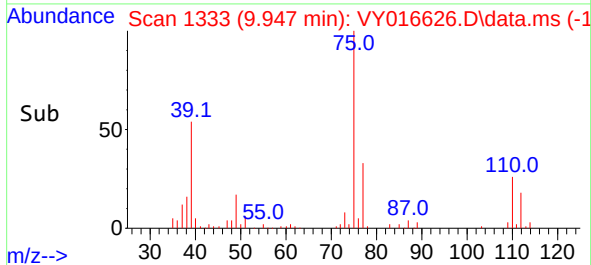
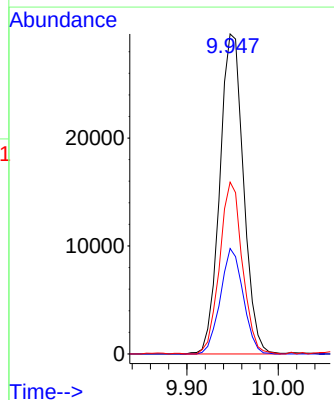
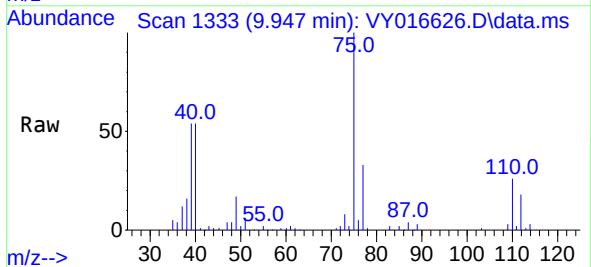
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

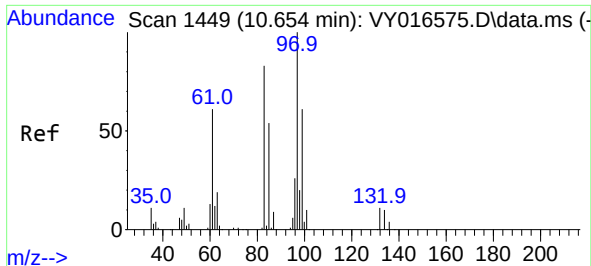
Tgt Ion: 75 Resp: 47385  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.860 ug/l  
 RT: 9.947 min Scan# 1333  
 Delta R.T. 0.006 min  
 Lab File: VY016626.D  
 Acq: 07 Dec 2023 16:03

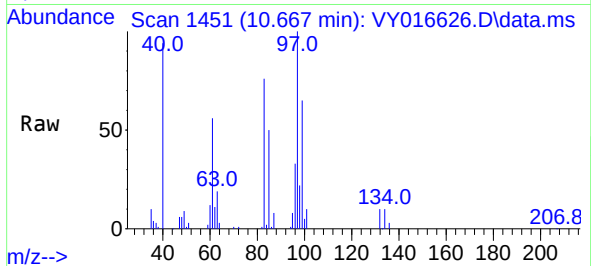
Tgt Ion: 75 Resp: 53413  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 24.2 36.4  
 39 53.7 42.2 63.4





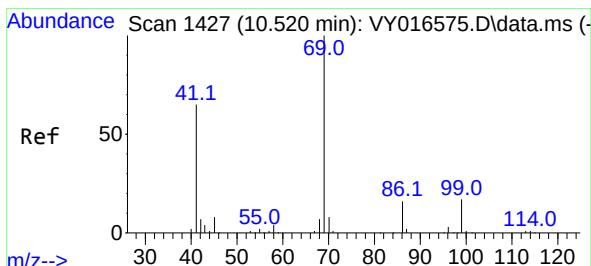
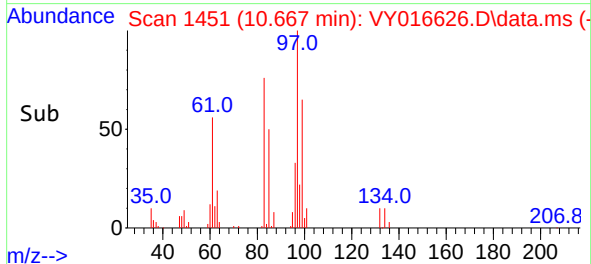
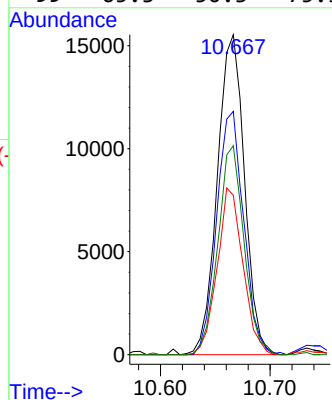
#55  
1,1,2-Trichloroethane  
Concen: 22.118 ug/l  
RT: 10.667 min Scan# 1449  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 26735

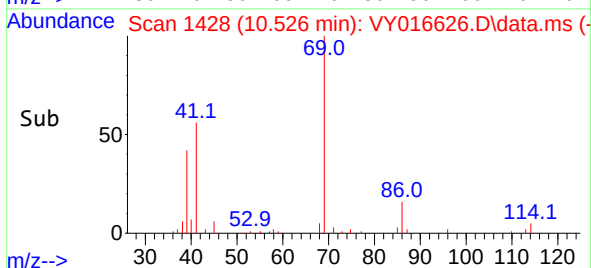
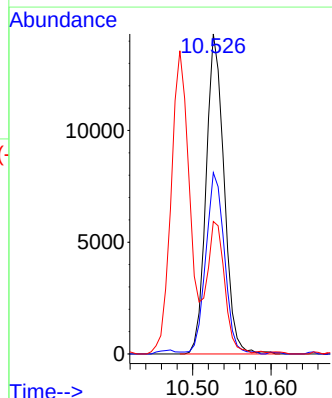
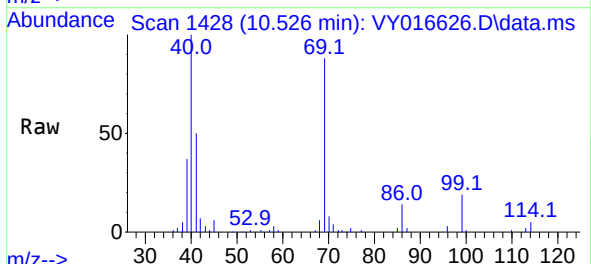
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 76.1  | 72.0  | 108.0 |
| 85  | 49.8  | 45.4  | 68.0  |
| 99  | 65.3  | 50.3  | 75.5  |



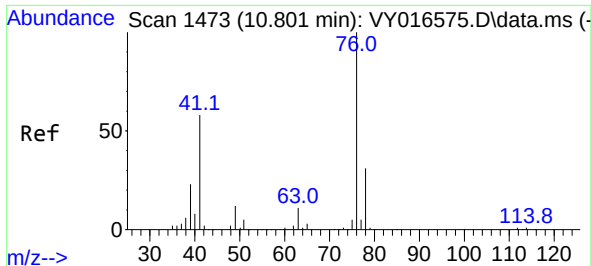
#56  
Ethyl methacrylate  
Concen: 20.572 ug/l  
RT: 10.526 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 69 Resp: 22793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.0  | 57.6  | 86.4  |
| 39  | 39.6  | 34.1  | 51.1  |



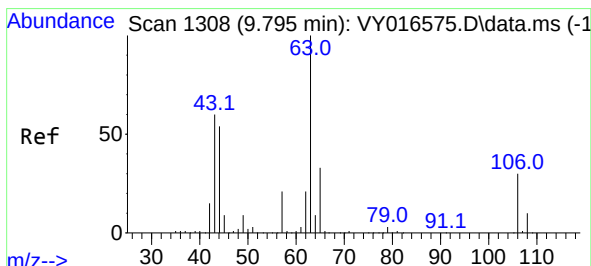
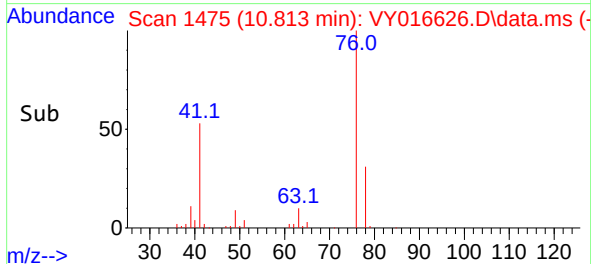
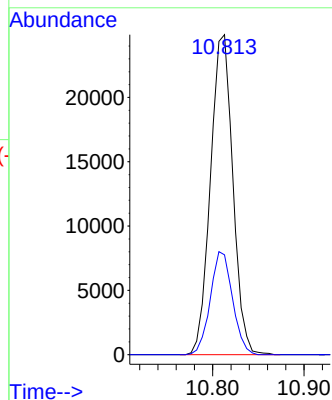
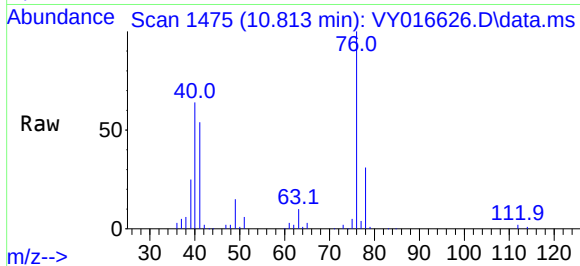




#57  
1,3-Dichloropropane  
Concen: 20.720 ug/l  
RT: 10.813 min Scan# 1475  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

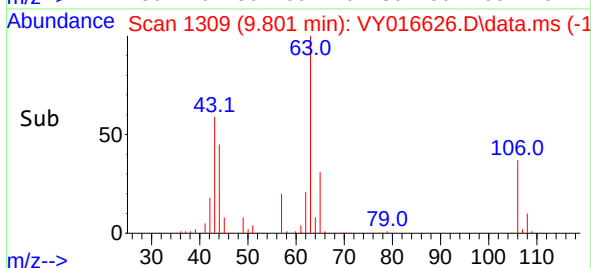
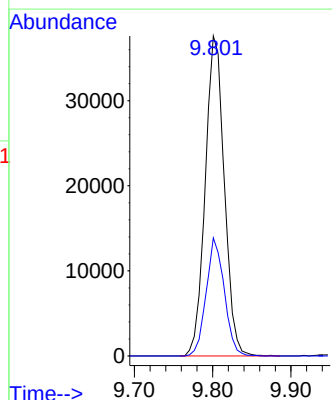
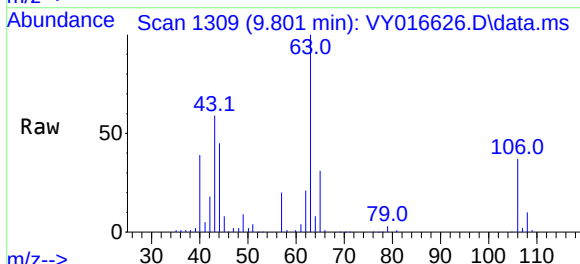
Instrument :  
MSVOA\_Y  
ClientSampleId :

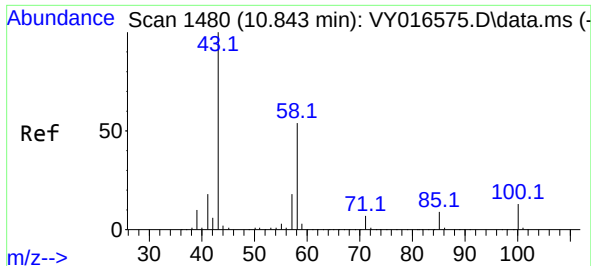
Tgt Ion: 76 Resp: 42309  
Ion Ratio Lower Upper  
76 100  
78 32.0 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 93.001 ug/l  
RT: 9.801 min Scan# 1309  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 63 Resp: 63501  
Ion Ratio Lower Upper  
63 100  
106 35.0 21.2 31.8#

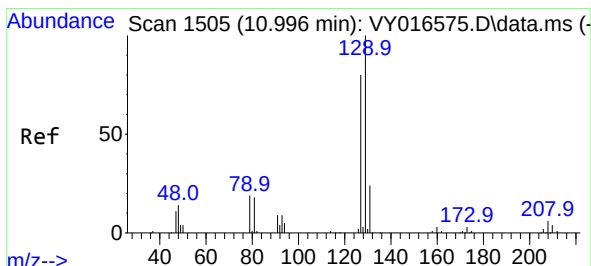
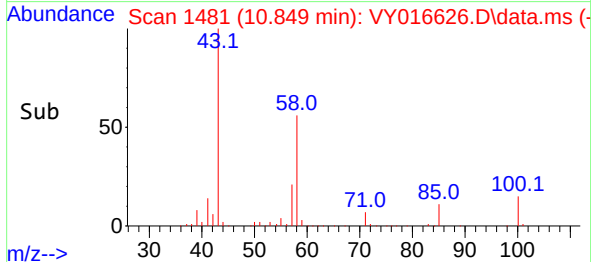
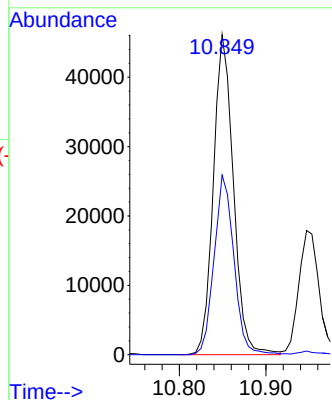
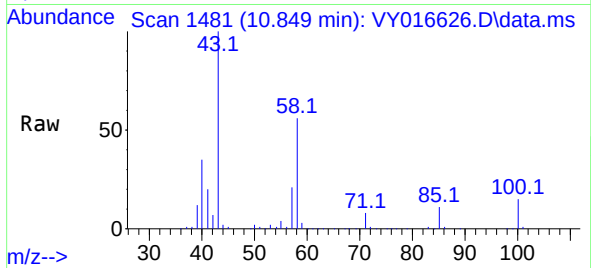




#59  
2-Hexanone  
Concen: 100.200 ug/l  
RT: 10.849 min Scan# 1480  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

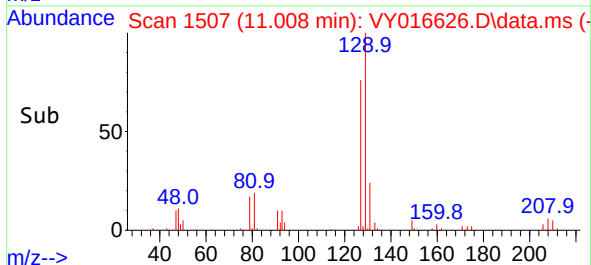
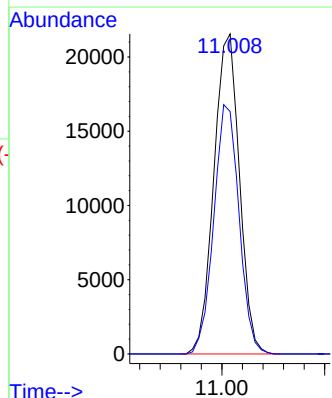
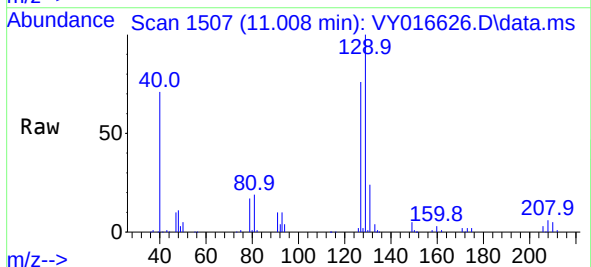
Instrument :  
MSVOA\_Y  
ClientSampleId :

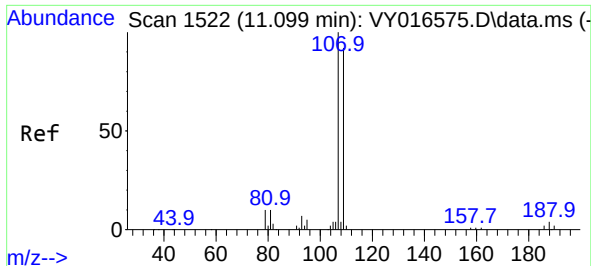
Tgt Ion: 43 Resp: 74170  
Ion Ratio Lower Upper  
43 100  
58 55.5 25.1 75.3



#60  
Dibromochloromethane  
Concen: 23.052 ug/l  
RT: 11.008 min Scan# 1507  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

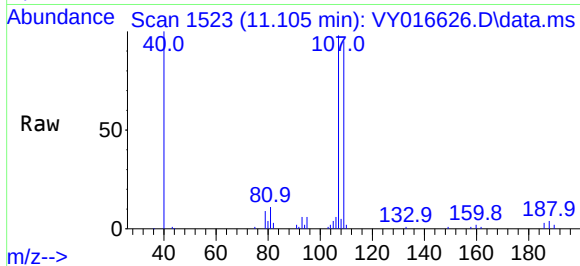
Tgt Ion:129 Resp: 37230  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.5



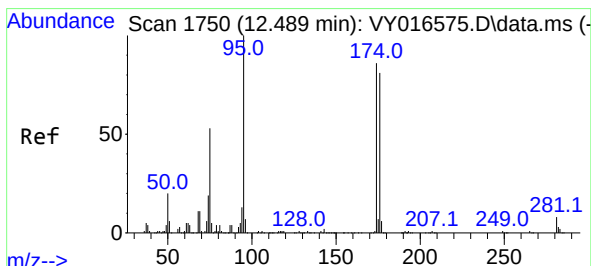
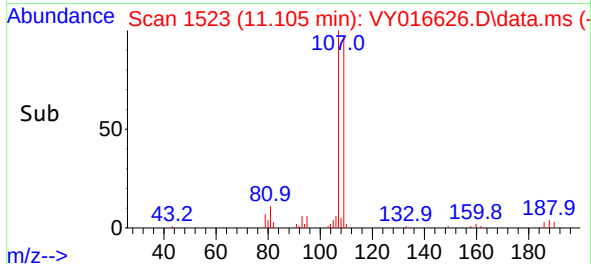
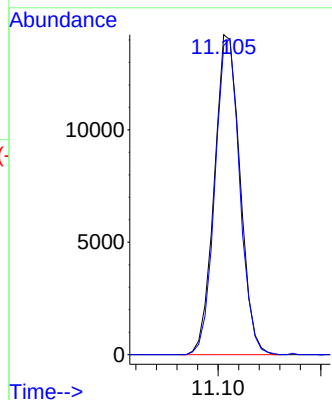


#61  
1,2-Dibromoethane  
Concen: 21.654 ug/l  
RT: 11.105 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :

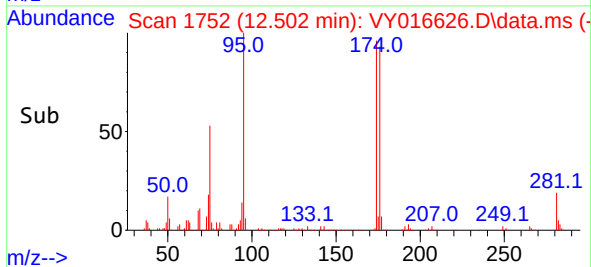
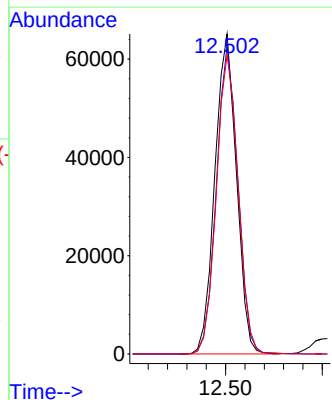
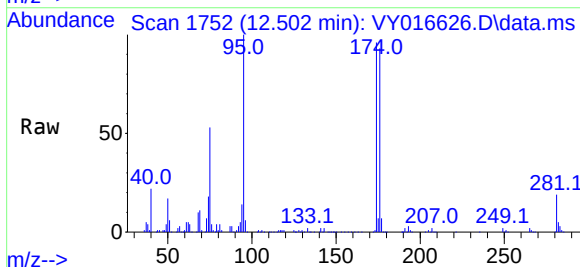


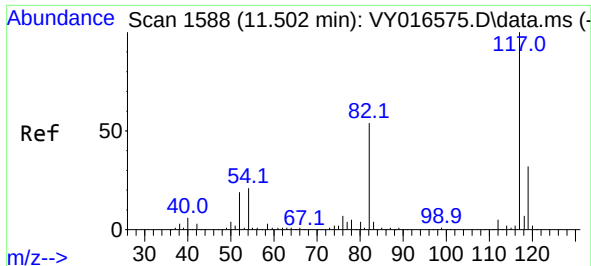
Tgt Ion:107 Resp: 24618  
Ion Ratio Lower Upper  
107 100  
109 95.4 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 52.778 ug/l  
RT: 12.502 min Scan# 1752  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 95 Resp: 100738  
Ion Ratio Lower Upper  
95 100  
174 95.7 0.0 178.2  
176 94.4 0.0 173.8

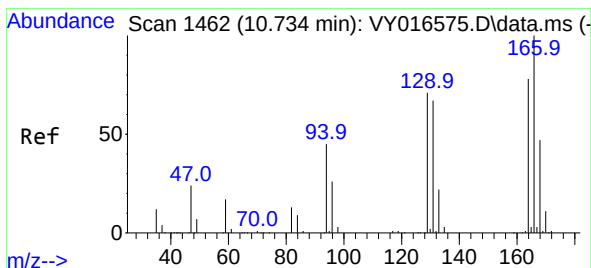
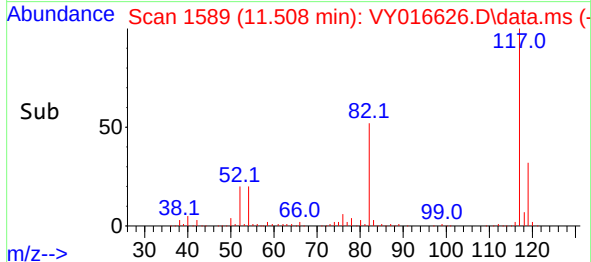
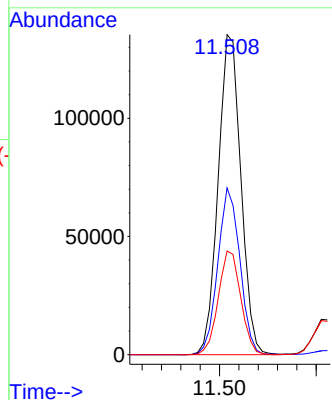
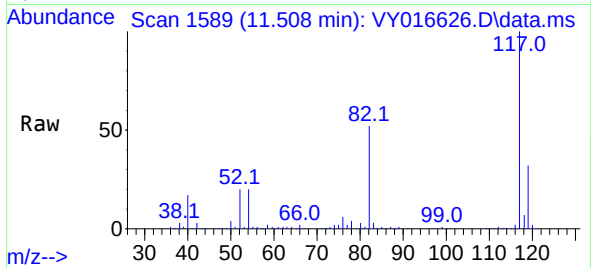




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.508 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

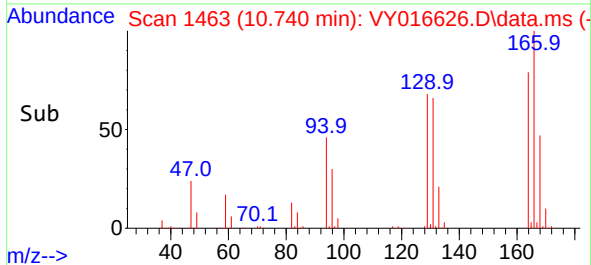
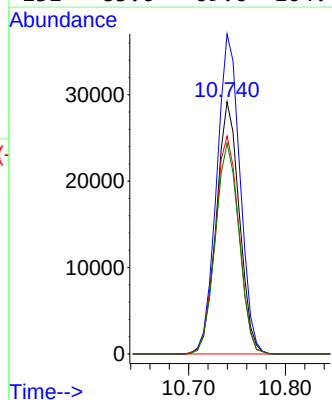
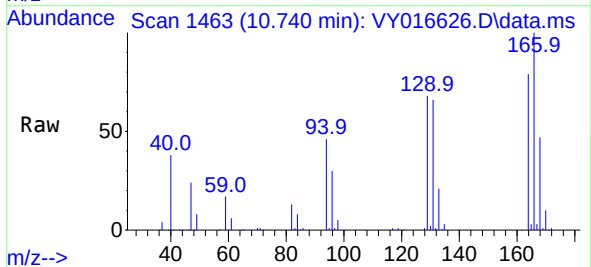
Instrument :  
MSVOA\_Y  
ClientSampleId :

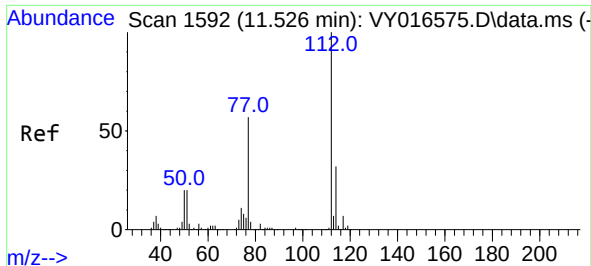
Tgt Ion:117 Resp: 220618  
Ion Ratio Lower Upper  
117 100  
82 52.1 43.4 65.0  
119 32.4 26.3 39.5



#64  
Tetrachloroethene  
Concen: 23.938 ug/l  
RT: 10.740 min Scan# 1463  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion:164 Resp: 48401  
Ion Ratio Lower Upper  
164 100  
166 126.9 103.0 154.6  
129 86.4 77.2 115.8  
131 83.6 69.6 104.4

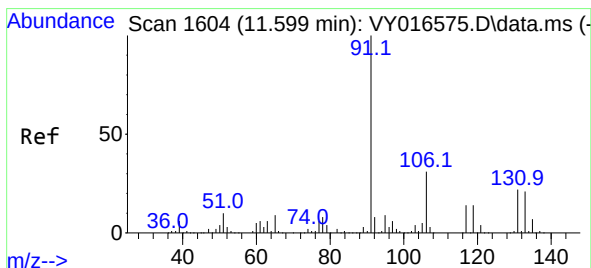
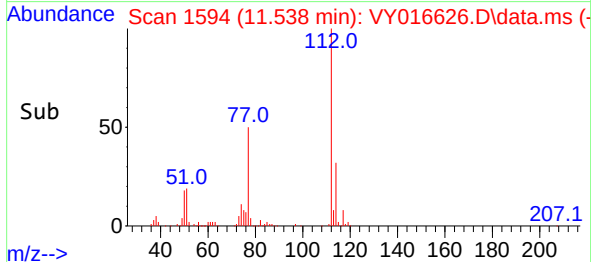
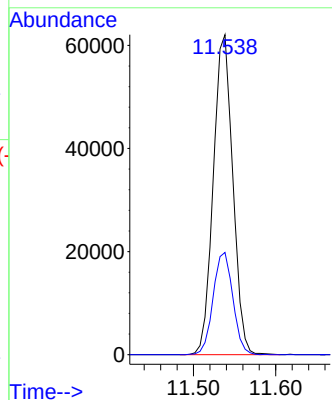
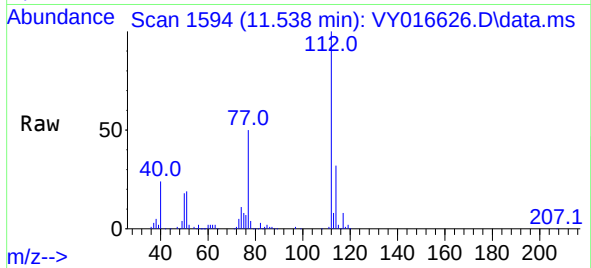




#65  
Chlorobenzene  
Concen: 22.886 ug/l  
RT: 11.538 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

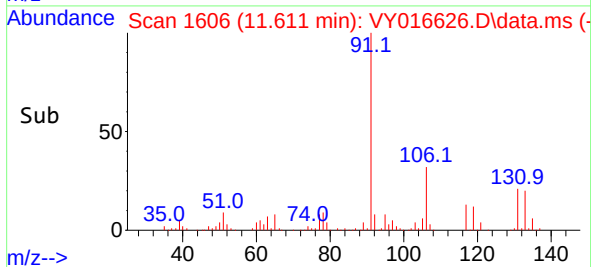
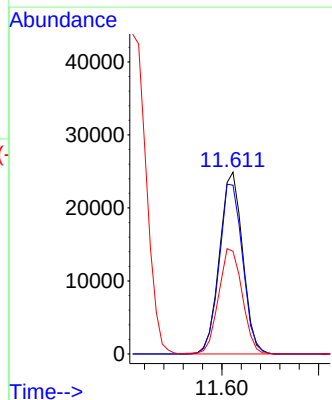
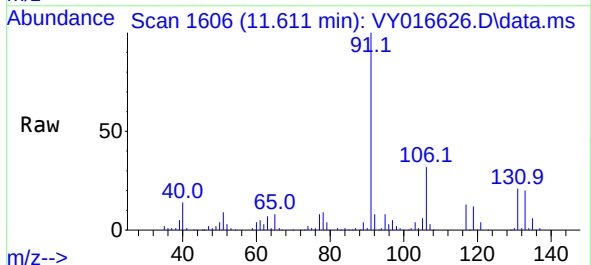
Instrument :  
MSVOA\_Y  
ClientSampleId :

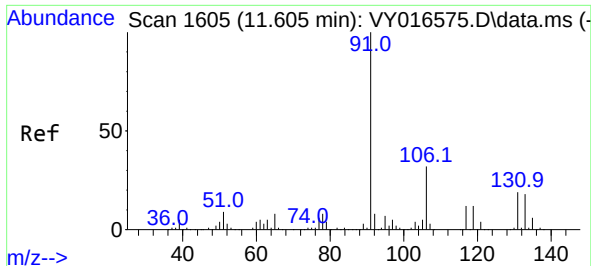
Tgt Ion:112 Resp: 102264  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.626 ug/l  
RT: 11.611 min Scan# 1606  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

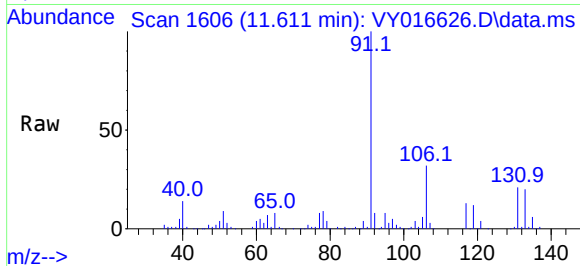
Tgt Ion:131 Resp: 41262  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.5 142.6  
119 59.4 31.6 94.7



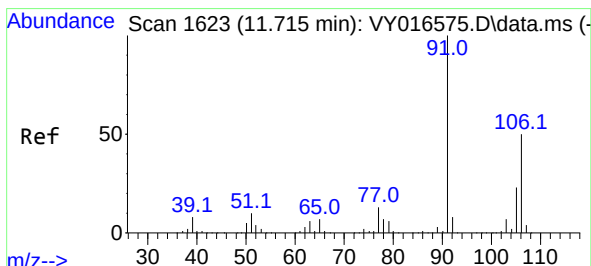
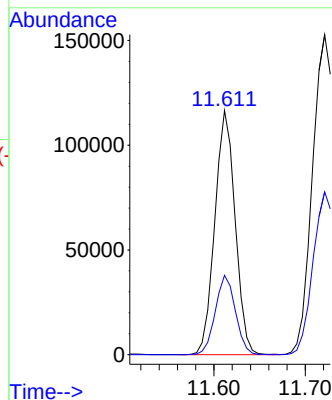
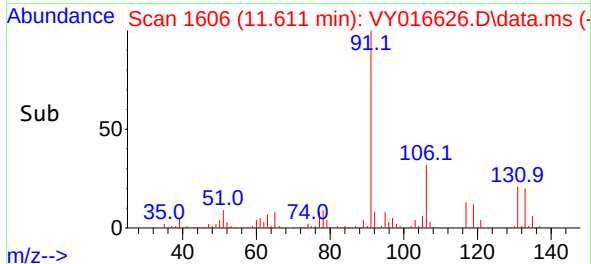


#67  
Ethyl Benzene  
Concen: 22.459 ug/l  
RT: 11.611 min Scan# 1606  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

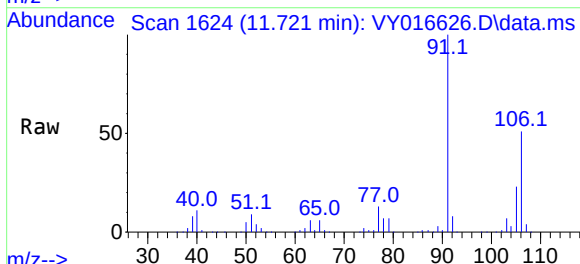
Instrument :  
MSVOA\_Y  
ClientSampleId :



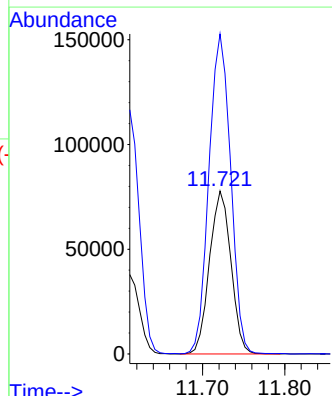
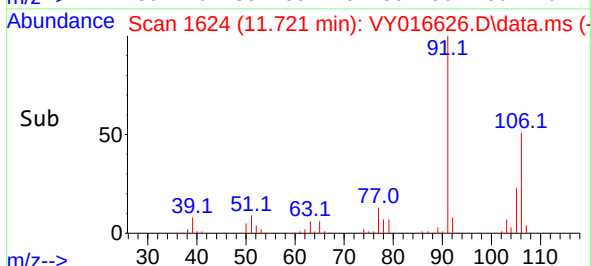
Tgt Ion: 91 Resp: 179987  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.6 36.8

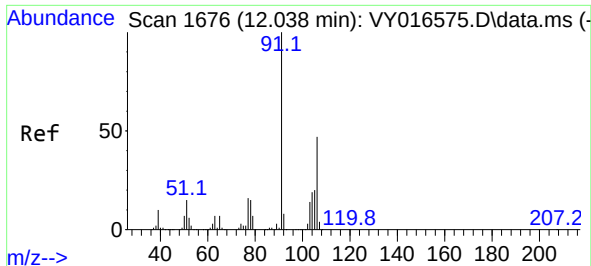


#68  
m/p-Xylenes  
Concen: 46.298 ug/l  
RT: 11.721 min Scan# 1624  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03



Tgt Ion:106 Resp: 140850  
Ion Ratio Lower Upper  
106 100  
91 199.0 166.1 249.1

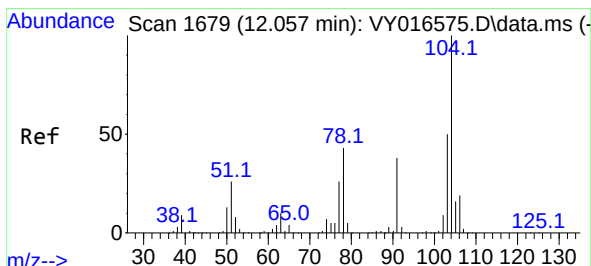
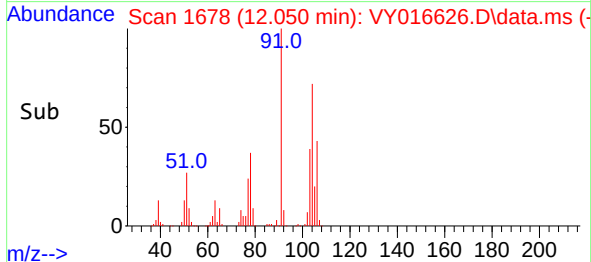
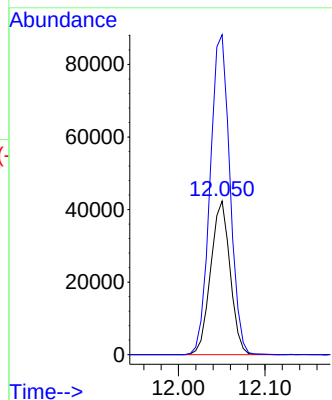
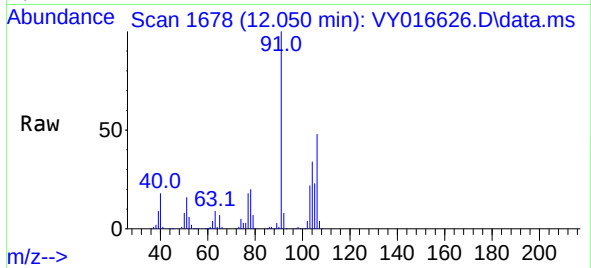




#69  
o-Xylene  
Concen: 23.242 ug/l  
RT: 12.050 min Scan# 1680  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

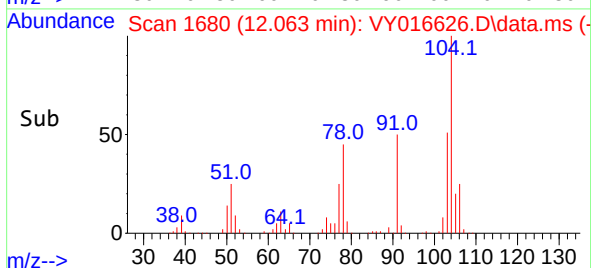
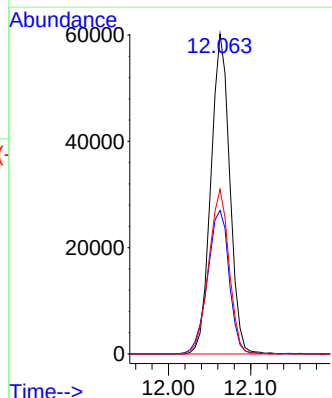
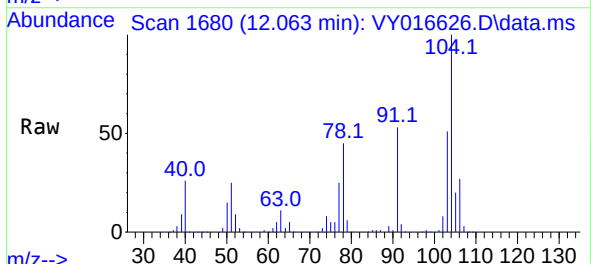
Instrument :  
MSVOA\_Y  
ClientSampleId :

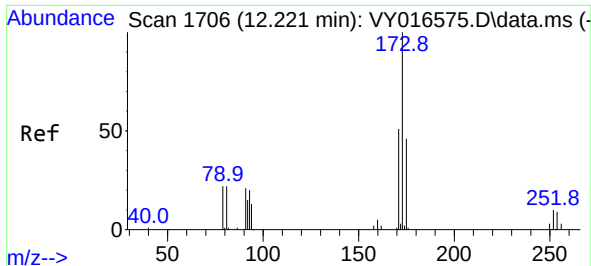
Tgt Ion:106 Resp: 66009  
Ion Ratio Lower Upper  
106 100  
91 212.1 108.1 324.3



#70  
Styrene  
Concen: 23.588 ug/l  
RT: 12.063 min Scan# 1680  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion:104 Resp: 96115  
Ion Ratio Lower Upper  
104 100  
78 51.3 41.5 62.3  
103 55.6 44.6 67.0

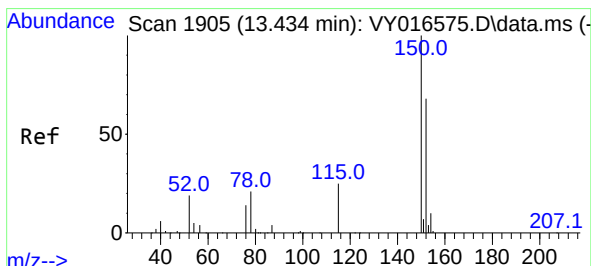
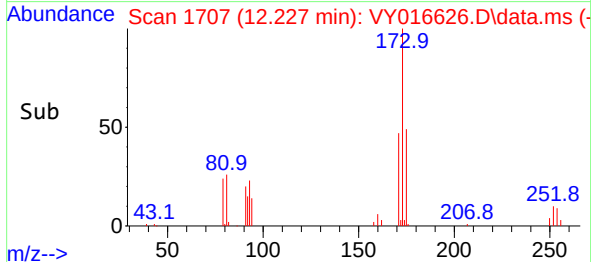
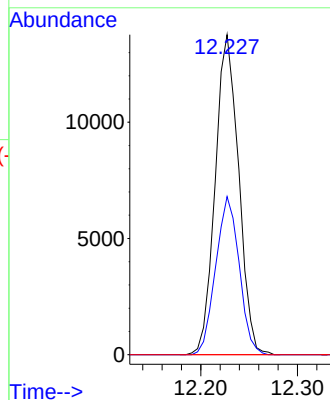
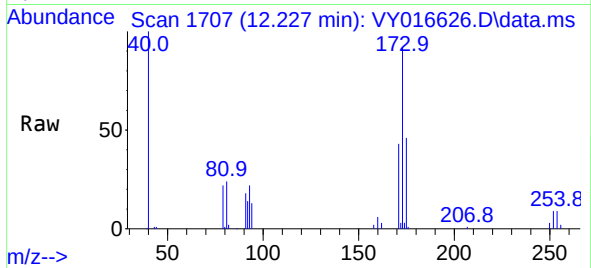




#71  
Bromoform  
Concen: 24.556 ug/l  
RT: 12.227 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

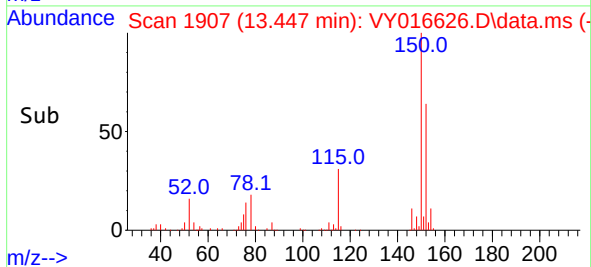
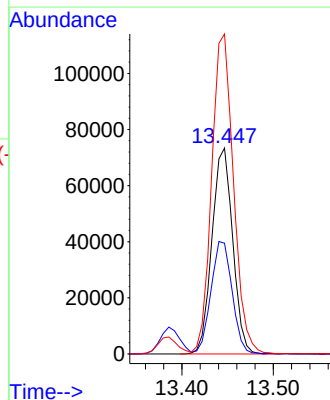
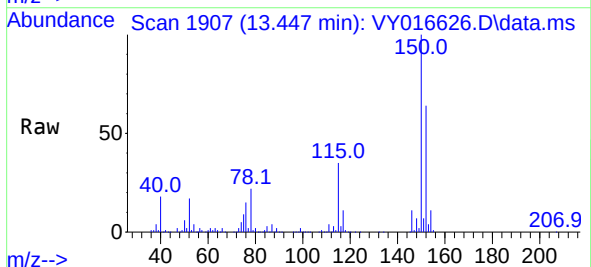
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:173 Resp: 23158  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.6 73.8  
254 0.0 0.2 0.2#

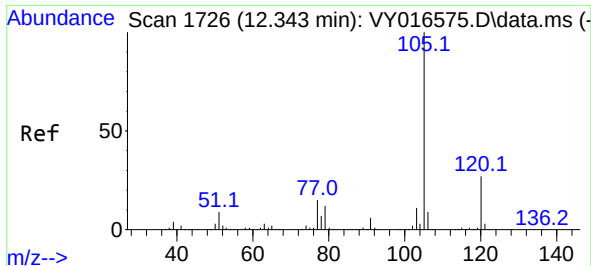


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion:152 Resp: 115927  
Ion Ratio Lower Upper  
152 100  
115 55.4 28.8 86.5  
150 162.8 0.0 348.8



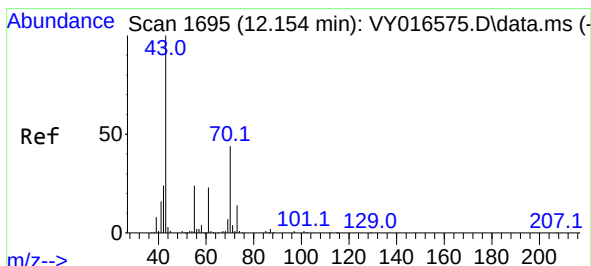
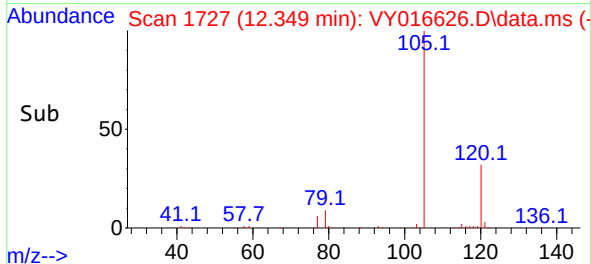
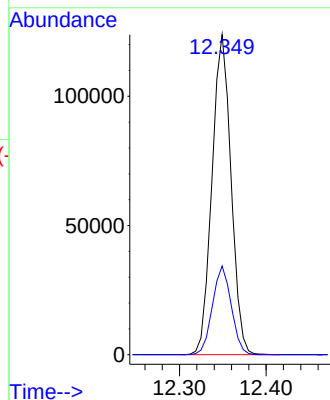
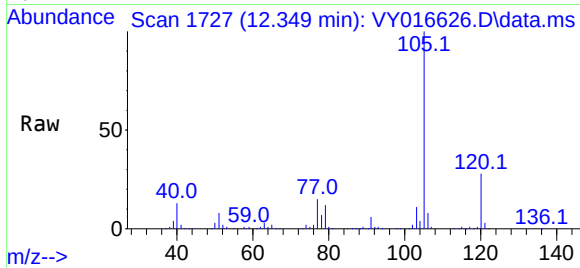




#73  
Isopropylbenzene  
Concen: 22.033 ug/l  
RT: 12.349 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

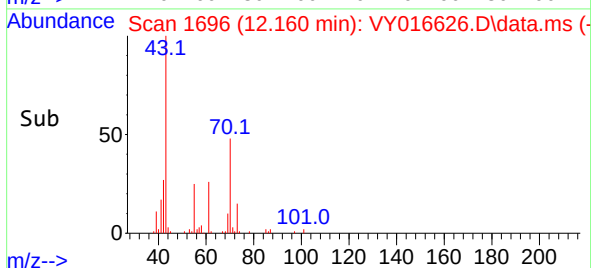
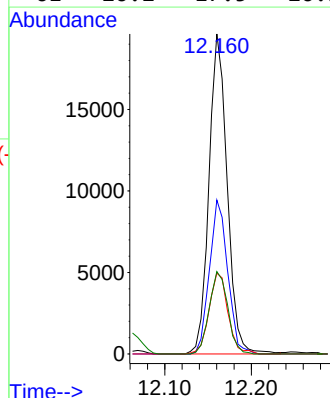
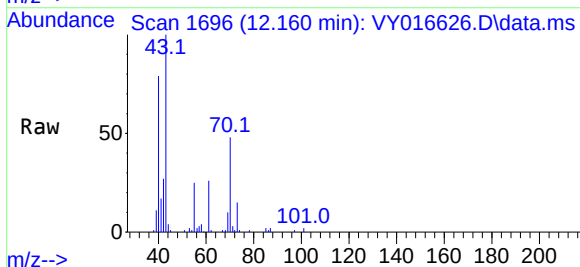
Instrument :  
MSVOA\_Y  
ClientSampleId :

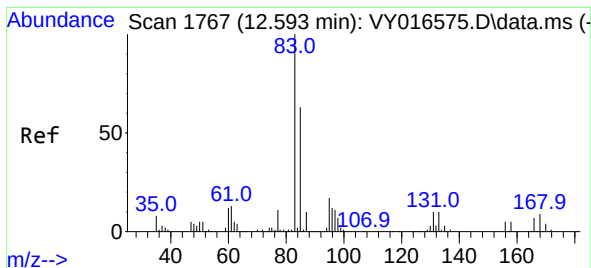
Tgt Ion:105 Resp: 189135  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.3 39.9



#74  
N-ethyl acetate  
Concen: 16.771 ug/l  
RT: 12.160 min Scan# 1696  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 43 Resp: 28707  
Ion Ratio Lower Upper  
43 100  
70 48.2 29.7 44.5#  
55 26.2 18.3 27.5  
61 26.2 17.5 26.3

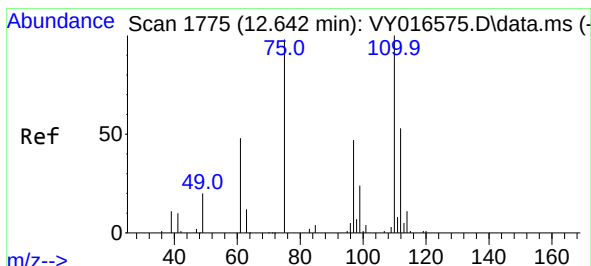
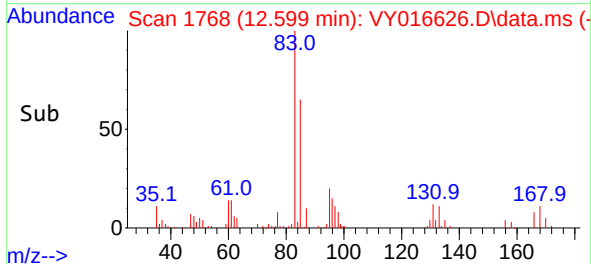
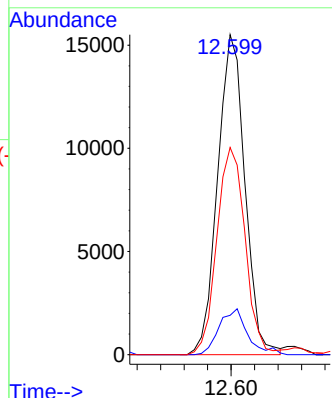
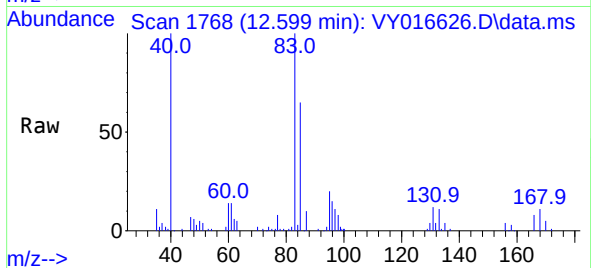




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.328 ug/l  
RT: 12.599 min Scan# 1767  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

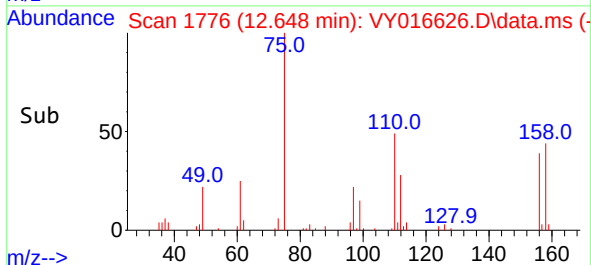
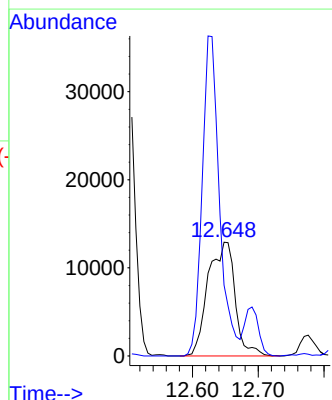
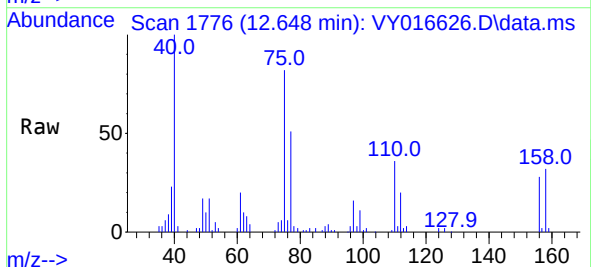
Instrument :  
MSVOA\_Y  
ClientSampleId :

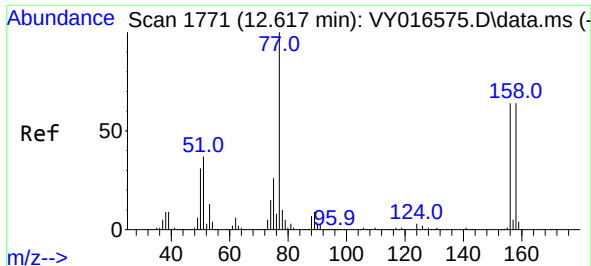
Tgt Ion: 83 Resp: 25023  
Ion Ratio Lower Upper  
83 100  
131 14.9 5.4 16.2  
85 66.8 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 35.249 ug/l  
RT: 12.648 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 75 Resp: 36913  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

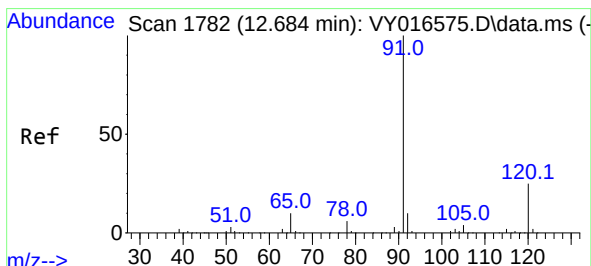
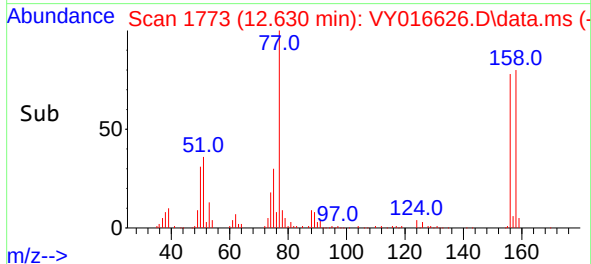
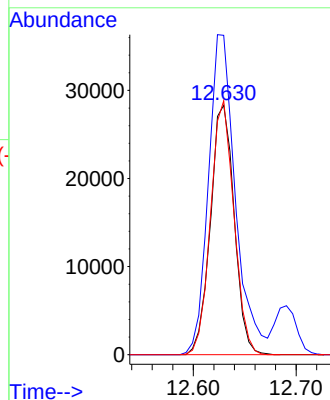
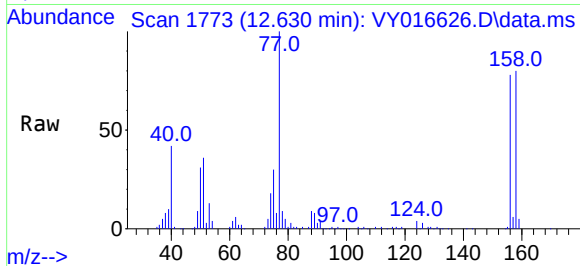




#77  
Bromobenzene  
Concen: 22.493 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

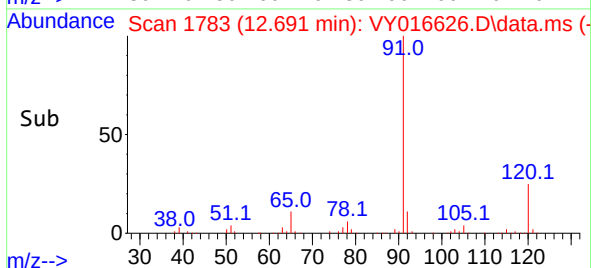
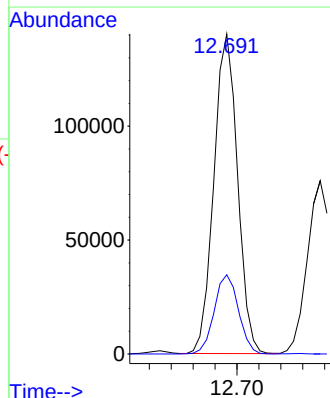
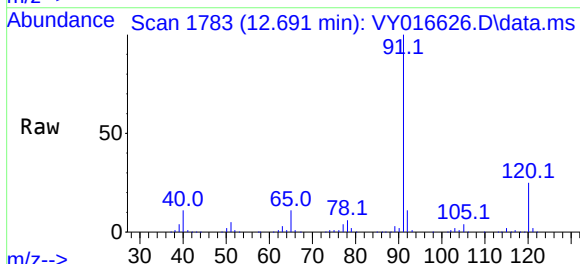
Instrument :  
MSVOA\_Y  
ClientSampleId :

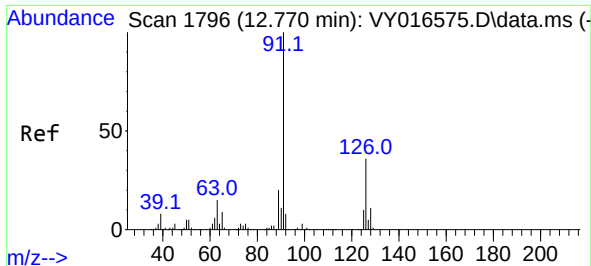
Tgt Ion:156 Resp: 45505  
Ion Ratio Lower Upper  
156 100  
77 146.1 92.8 278.6  
158 100.0 48.4 145.3



#78  
n-propylbenzene  
Concen: 21.023 ug/l  
RT: 12.691 min Scan# 1783  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 91 Resp: 210045  
Ion Ratio Lower Upper  
91 100  
120 25.4 11.5 34.4

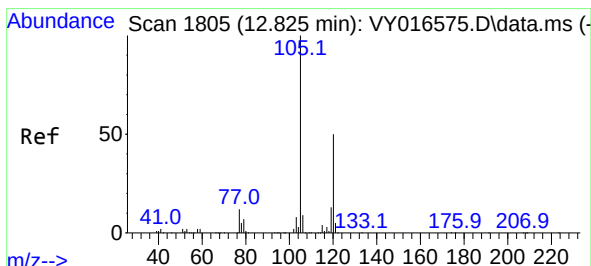
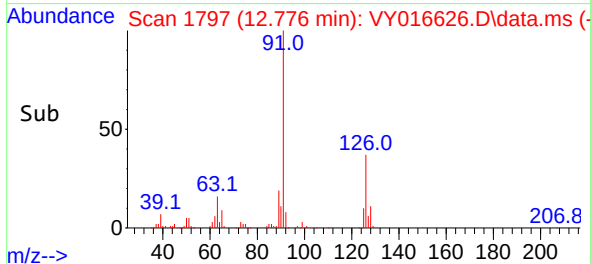
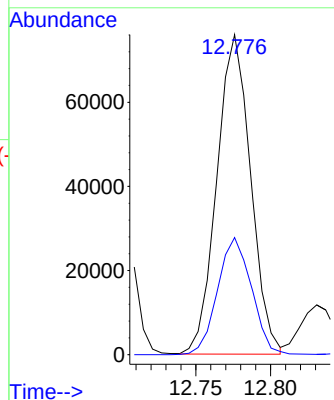
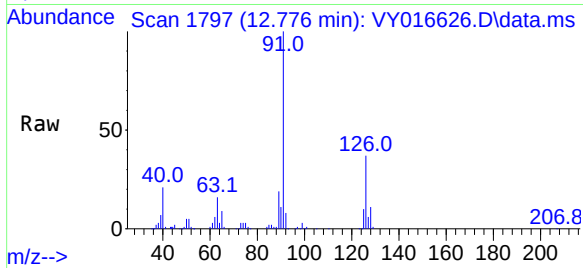




#79  
2-Chlorotoluene  
Concen: 21.216 ug/l  
RT: 12.776 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

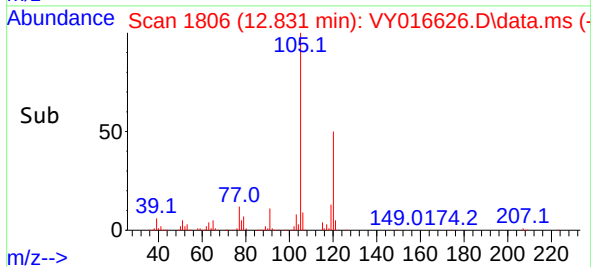
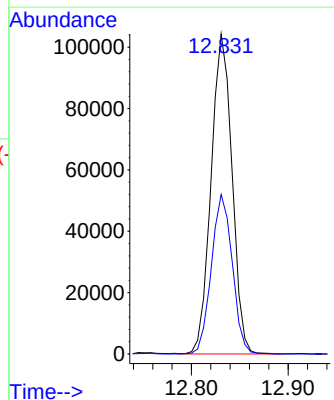
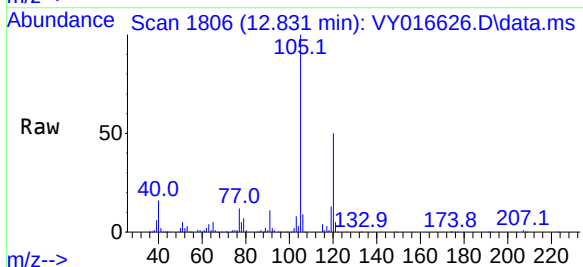
Instrument :  
MSVOA\_Y  
ClientSampleId :

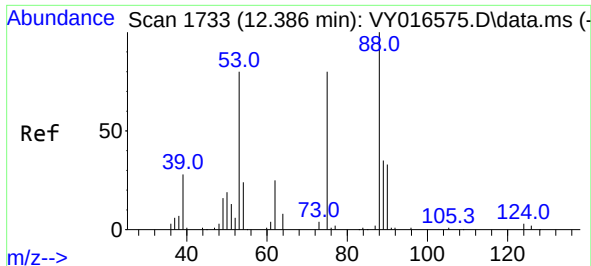
Tgt Ion: 91 Resp: 119450  
Ion Ratio Lower Upper  
91 100  
126 36.8 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 22.503 ug/l  
RT: 12.831 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 105 Resp: 156958  
Ion Ratio Lower Upper  
105 100  
120 49.7 23.9 71.7

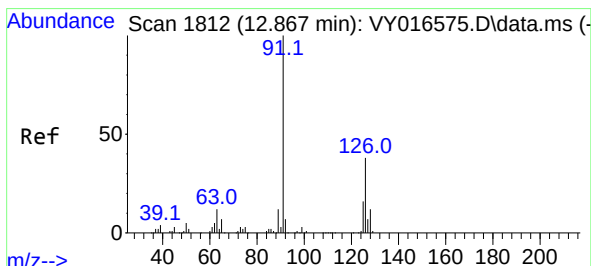
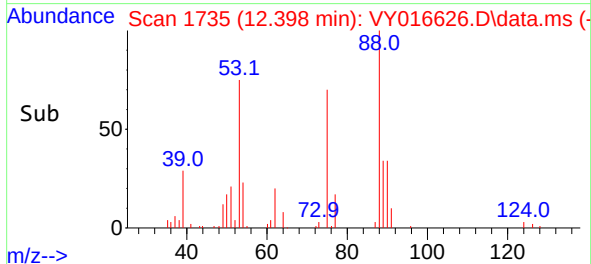
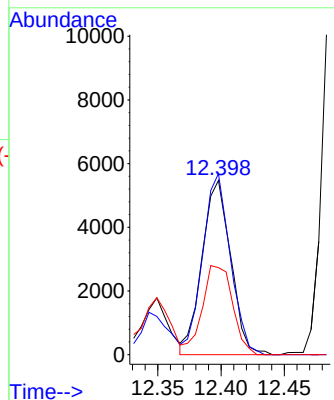
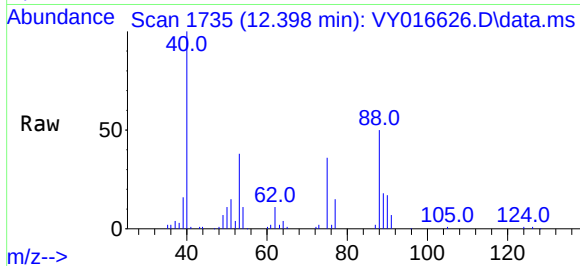




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.633 ug/l  
RT: 12.398 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

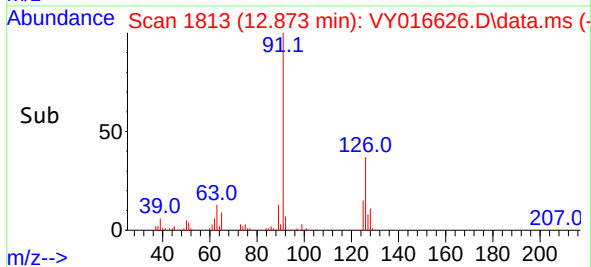
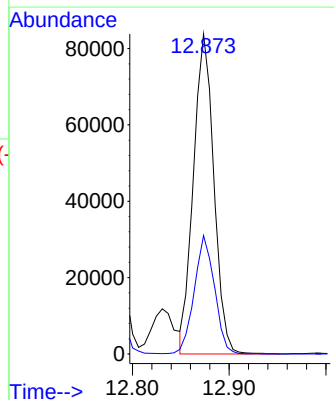
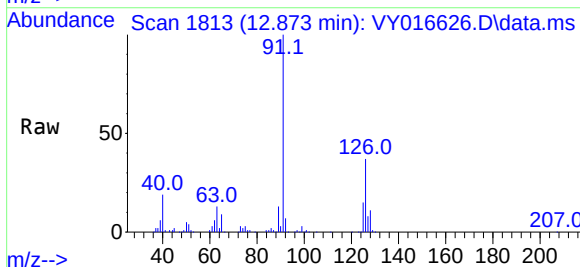
Instrument :  
MSVOA\_Y  
ClientSampleId :

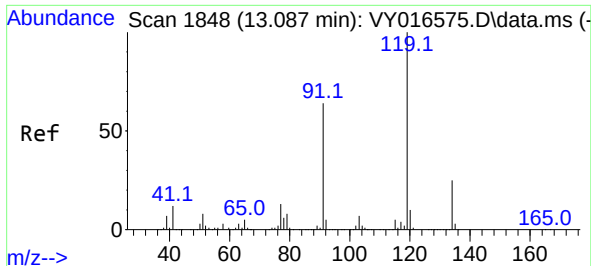
Tgt Ion: 75 Resp: 8650  
Ion Ratio Lower Upper  
75 100  
53 100.4 77.8 116.8  
89 53.9 37.4 56.0



#82  
4-Chlorotoluene  
Concen: 21.125 ug/l  
RT: 12.873 min Scan# 1813  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 91 Resp: 123071  
Ion Ratio Lower Upper  
91 100  
126 36.7 17.2 51.6

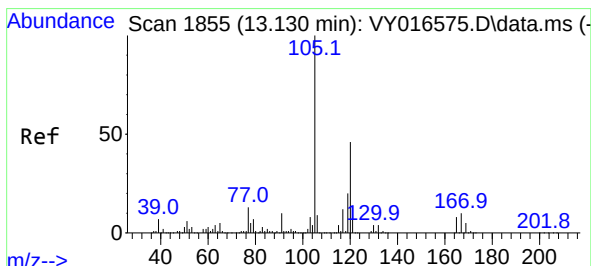
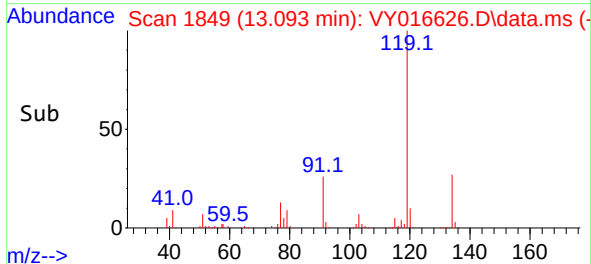
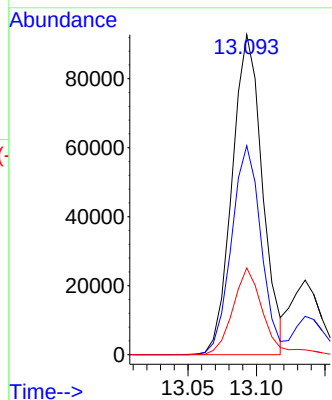
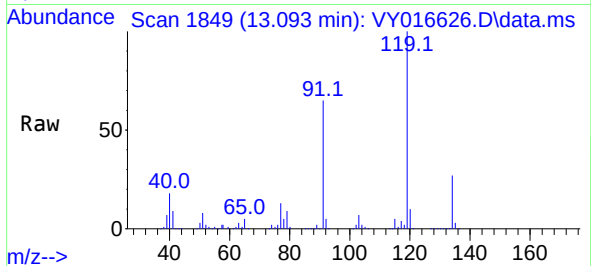




#83  
tert-Butylbenzene  
Concen: 22.920 ug/l  
RT: 13.093 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

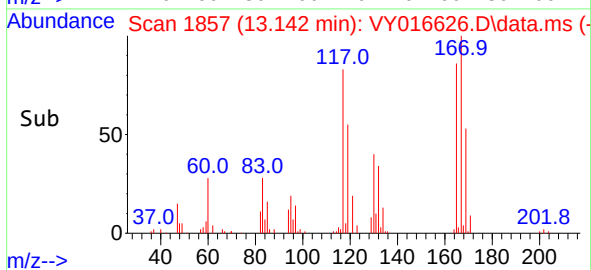
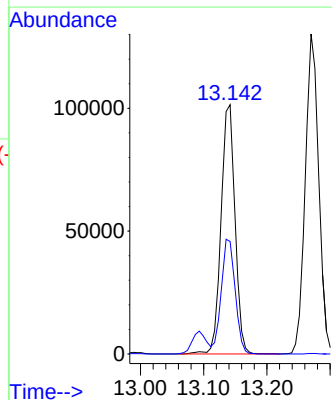
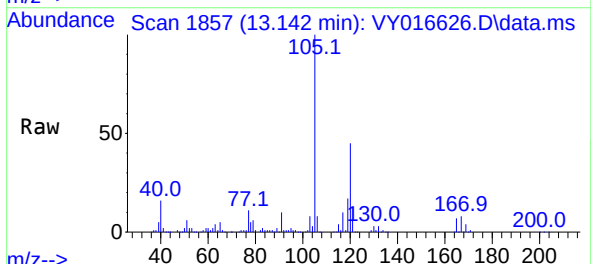
Instrument :  
MSVOA\_Y  
ClientSampleId :

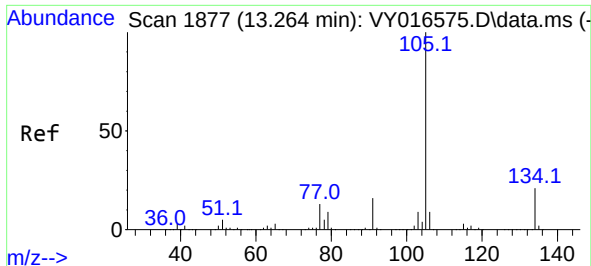
Tgt Ion:119 Resp: 142838  
Ion Ratio Lower Upper  
119 100  
91 63.8 32.9 98.6  
134 27.1 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 22.729 ug/l  
RT: 13.142 min Scan# 1857  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion:105 Resp: 154856  
Ion Ratio Lower Upper  
105 100  
120 45.9 22.2 66.6

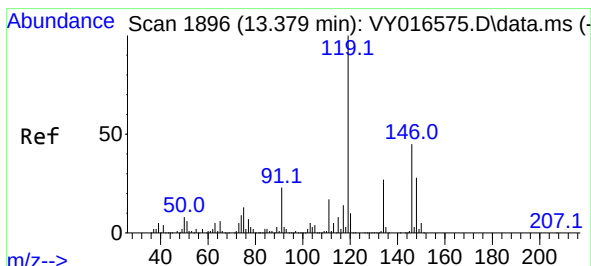
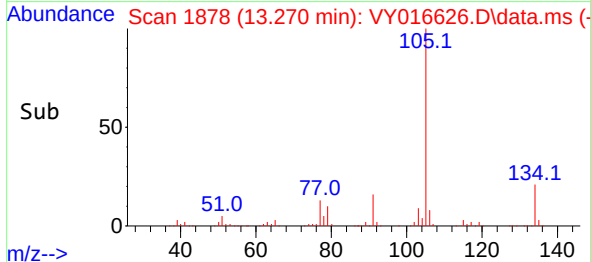
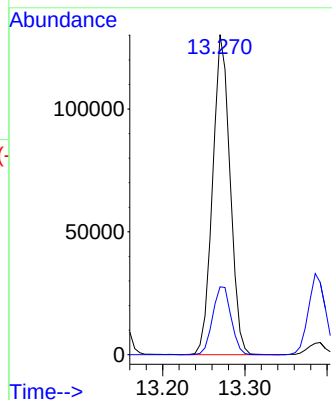
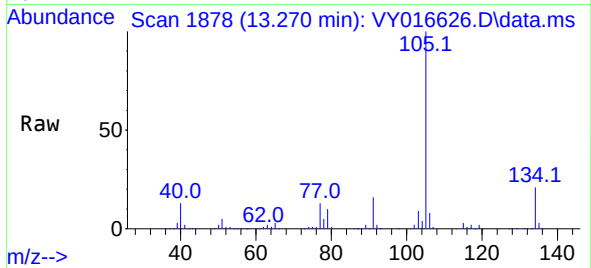




#85  
 sec-Butylbenzene  
 Concen: 21.911 ug/l  
 RT: 13.270 min Scan# 1878  
 Delta R.T. 0.006 min  
 Lab File: VY016626.D  
 Acq: 07 Dec 2023 16:03

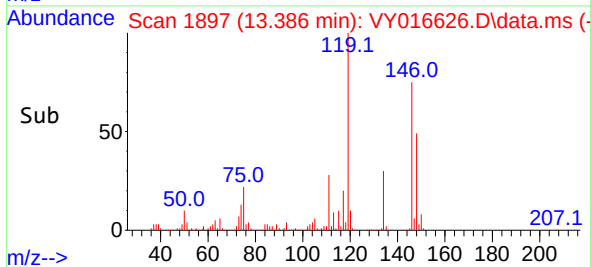
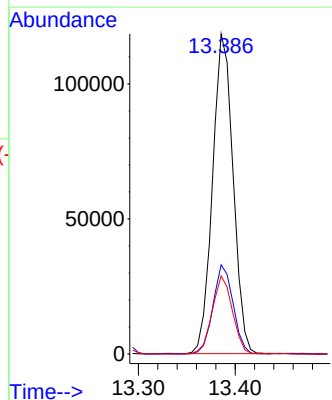
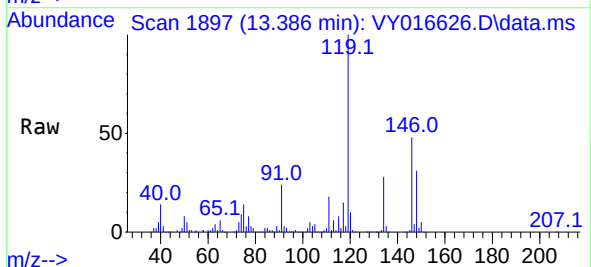
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

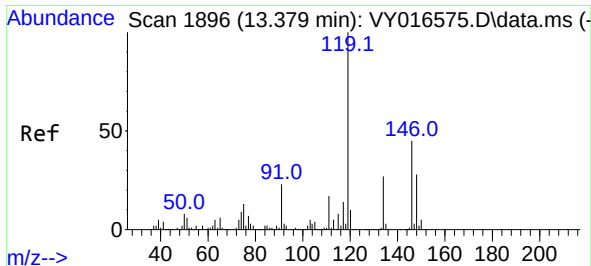
Tgt Ion:105 Resp: 191780  
 Ion Ratio Lower Upper  
 105 100  
 134 22.4 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 22.971 ug/l  
 RT: 13.386 min Scan# 1897  
 Delta R.T. 0.006 min  
 Lab File: VY016626.D  
 Acq: 07 Dec 2023 16:03

Tgt Ion:119 Resp: 174534  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.3 39.8  
 91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.859 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

ClientSampleId :

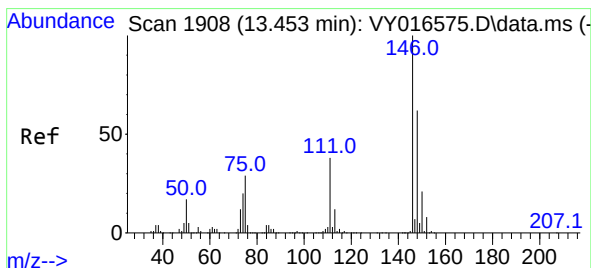
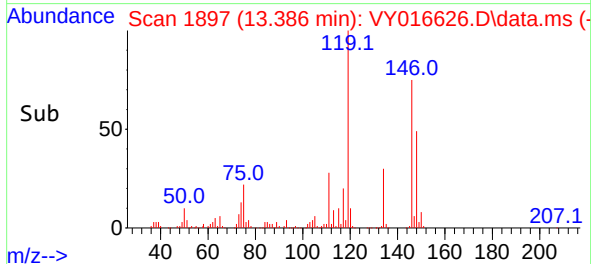
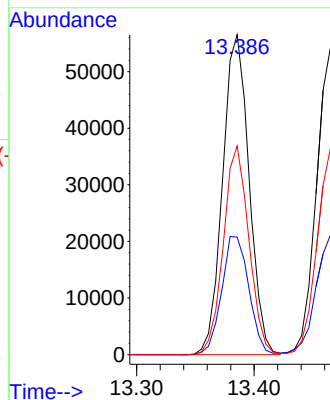
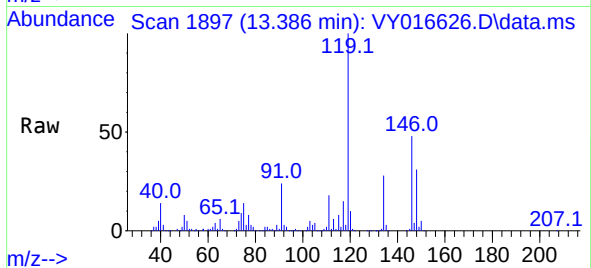
Tgt Ion:146 Resp: 88281

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.681 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

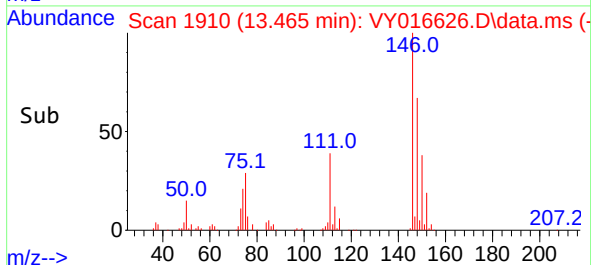
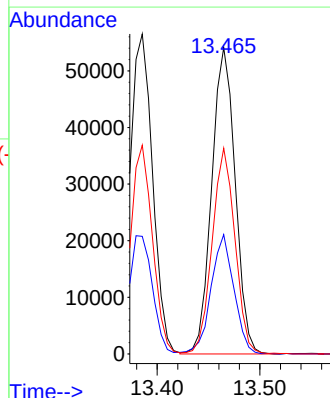
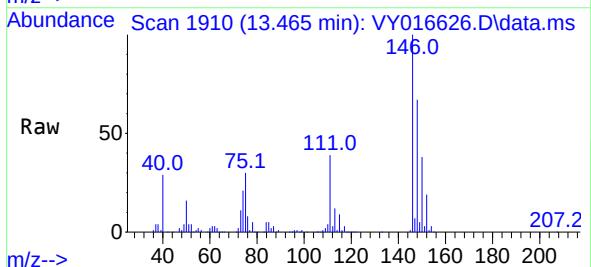
Tgt Ion:146 Resp: 85964

Ion Ratio Lower Upper

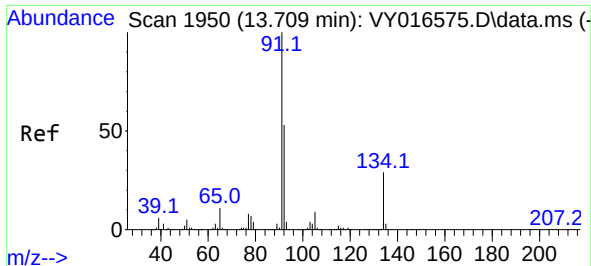
146 100

111 38.1 18.9 56.7

148 65.3 32.1 96.5



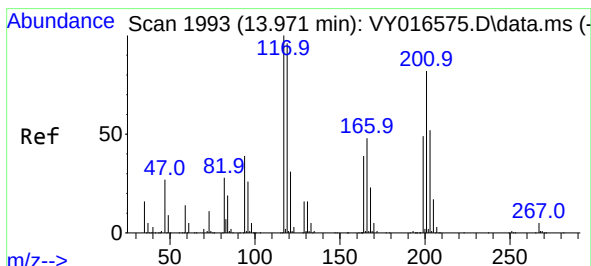
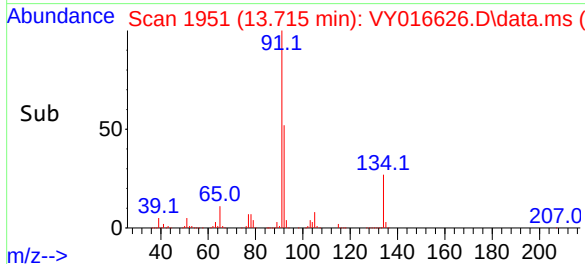
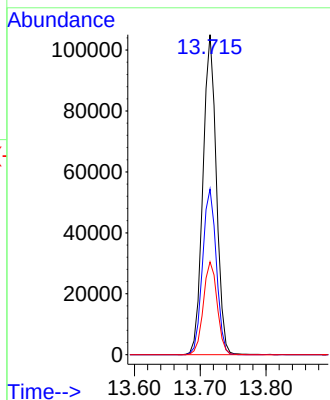
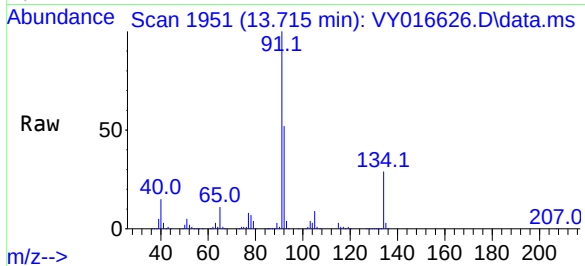




#89  
n-Butylbenzene  
Concen: 21.846 ug/l  
RT: 13.715 min Scan# 1951  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

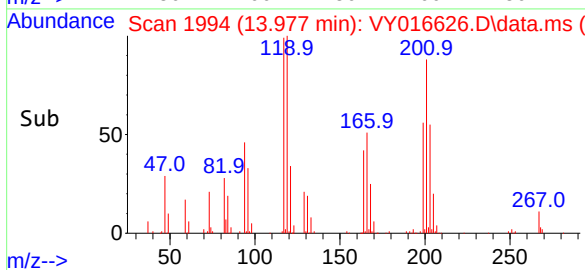
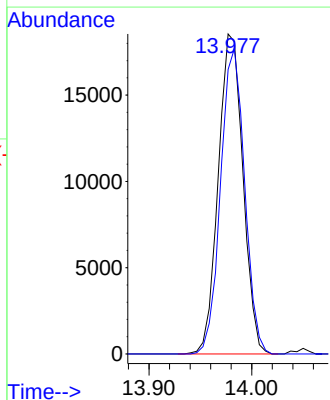
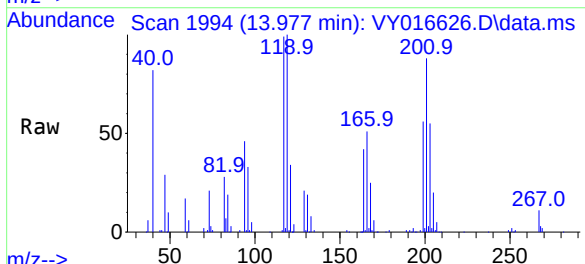
Instrument :  
MSVOA\_Y  
ClientSampleId :

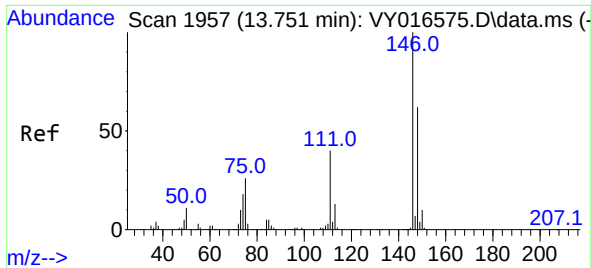
Tgt Ion: 91 Resp: 149274  
Ion Ratio Lower Upper  
91 100  
92 53.1 25.4 76.0  
134 29.9 12.6 37.6



#90  
Hexachloroethane  
Concen: 20.655 ug/l  
RT: 13.977 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion: 117 Resp: 30879  
Ion Ratio Lower Upper  
117 100  
201 92.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.660 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

Instrument :

MSVOA\_Y

ClientSampleId :

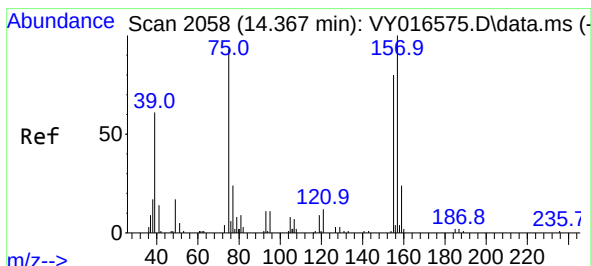
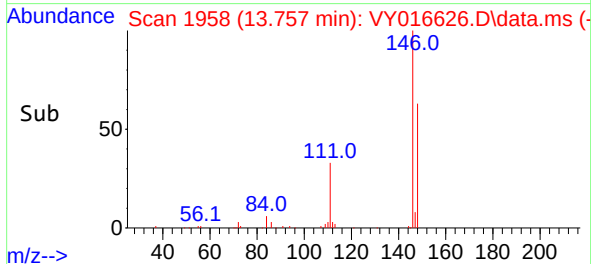
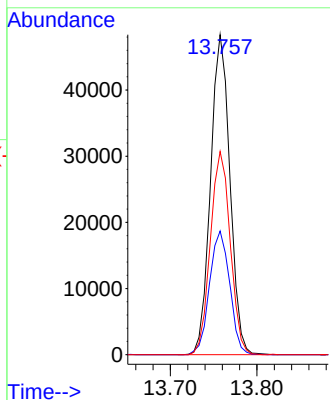
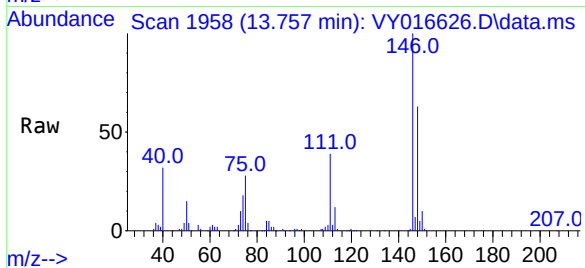
Tgt Ion:146 Resp: 75134

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 65.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.605 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY016626.D

Acq: 07 Dec 2023 16:03

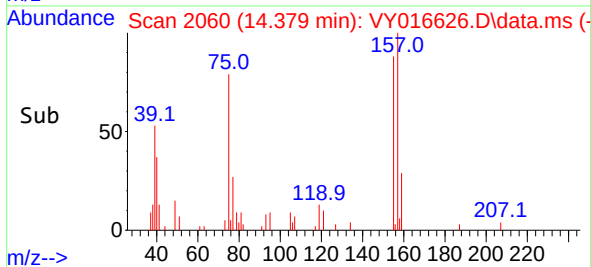
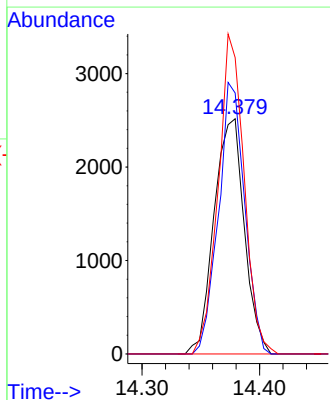
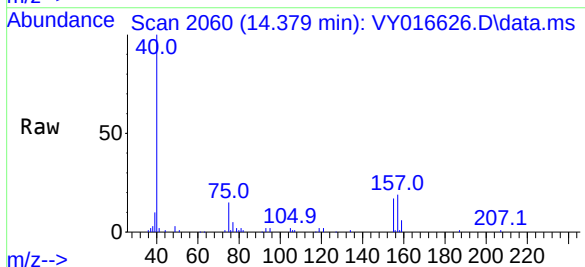
Tgt Ion: 75 Resp: 4502

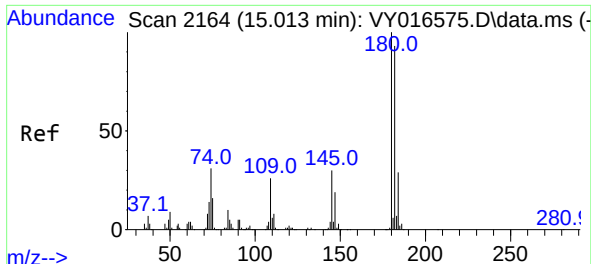
Ion Ratio Lower Upper

75 100

155 100.3 41.5 124.6

157 116.5 51.8 155.5

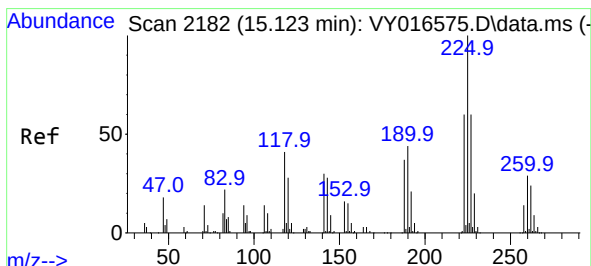
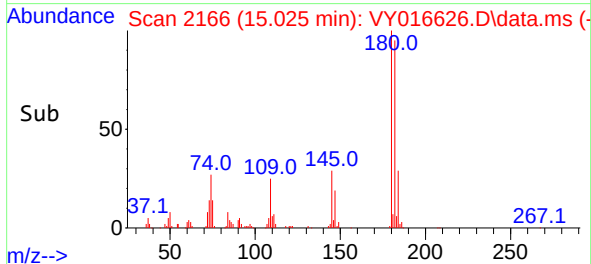
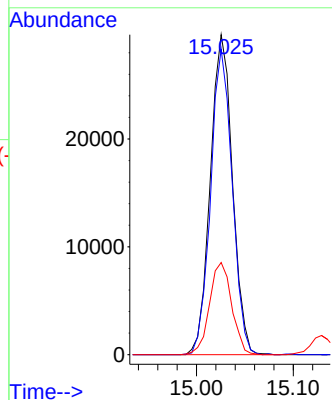
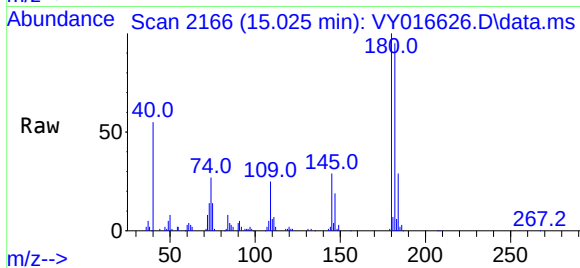




#93  
1,2,4-Trichlorobenzene  
Concen: 25.231 ug/l  
RT: 15.025 min Scan# 2166  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

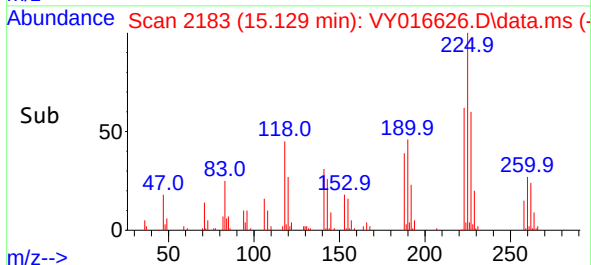
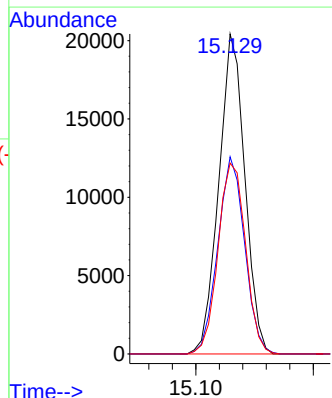
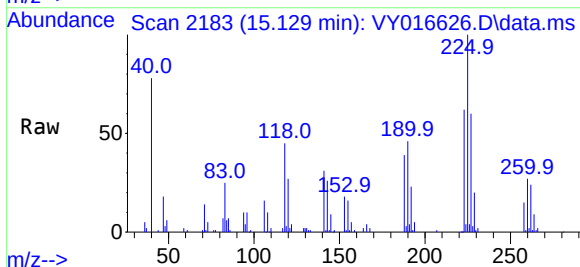
Instrument :  
MSVOA\_Y  
ClientSampleId :

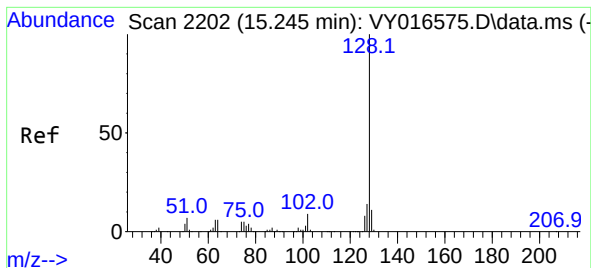
Tgt Ion:180 Resp: 47207  
Ion Ratio Lower Upper  
180 100  
182 93.0 47.0 141.2  
145 28.9 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 26.633 ug/l  
RT: 15.129 min Scan# 2183  
Delta R.T. 0.006 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

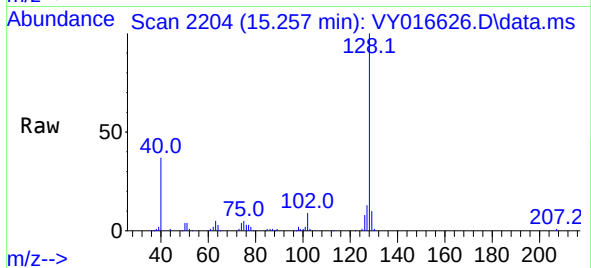
Tgt Ion:225 Resp: 31483  
Ion Ratio Lower Upper  
225 100  
223 63.3 31.9 95.9  
227 62.8 33.0 98.9



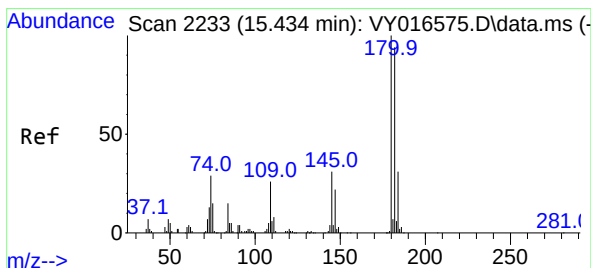
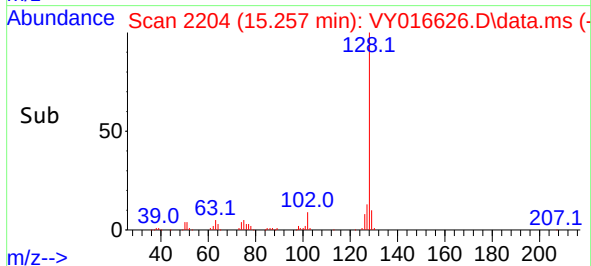
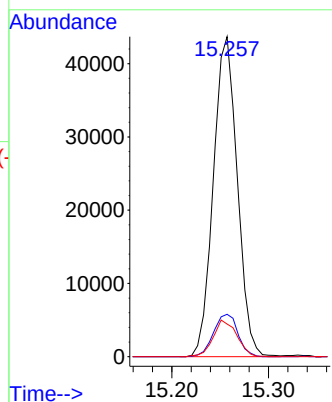


#95  
Naphthalene  
Concen: 26.817 ug/l  
RT: 15.257 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 75094  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.8 16.2  
129 11.4 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 27.889 ug/l  
RT: 15.446 min Scan# 2235  
Delta R.T. 0.012 min  
Lab File: VY016626.D  
Acq: 07 Dec 2023 16:03

Tgt Ion:180 Resp: 38589  
Ion Ratio Lower Upper  
180 100  
182 95.6 47.3 141.8  
145 31.6 15.4 46.2

