

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101421\  
 Data File : VY006392.D  
 Acq On : 14 Oct 2021 12:55  
 Operator : SY/MD  
 Sample : M4068-01 2.5PPBLOD  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Oct 15 00:14:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 137580   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 212475   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 196698   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 98174    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 73405    | 49.850   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.700% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 54222    | 47.766   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 95.540% |
| 50) Toluene-d8              | 10.179 | 98    | 224153   | 47.181   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 94.360% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 74254    | 46.008   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 92.020% |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.912 | 85  | 3809  | 2.729  | ug/l   | 98  |
| 3) Chloromethane             | 2.119 | 50  | 5058  | 3.112  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.259 | 62  | 5903  | 3.277  | ug/l   | 95  |
| 5) Bromomethane              | 2.662 | 94  | 3861  | 3.298  | ug/l   | 99  |
| 6) Chloroethane              | 2.802 | 64  | 3124  | 2.947  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.137 | 101 | 6618  | 2.789  | ug/l   | 89  |
| 8) Diethyl Ether             | 3.528 | 74  | 2140  | 2.731  | ug/l   | 88  |
| 9) 1,1,2-Trichlorotrifluo... | 3.906 | 101 | 3260  | 2.574  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.101 | 142 | 3060  | 2.217  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 2413  | 18.733 | ug/l # | 77  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 3367  | 2.613  | ug/l   | 94  |
| 13) Acrolein                 | 3.729 | 56  | 983   | 28.452 | ug/l   | 87  |
| 14) Allyl chloride           | 4.491 | 41  | 5932  | 2.394  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.174 | 53  | 5292  | 12.838 | ug/l   | 96  |
| 16) Acetone                  | 3.954 | 43  | 5735  | 13.945 | ug/l   | 92  |
| 17) Carbon Disulfide         | 4.204 | 76  | 10941 | 2.539  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.485 | 43  | 4178  | 3.013  | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.228 | 73  | 9103  | 2.419  | ug/l   | 94  |
| 20) Methylene Chloride       | 4.722 | 84  | 14417 | 6.945  | ug/l   | 91  |
| 21) trans-1,2-Dichloroethene | 5.228 | 96  | 3744  | 2.621  | ug/l   | 81  |
| 22) Diisopropyl ether        | 6.119 | 45  | 11560 | 2.358  | ug/l # | 95  |
| 23) Vinyl Acetate            | 6.064 | 43  | 32352 | 11.010 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.033 | 63  | 6964  | 2.646  | ug/l   | 95  |
| 25) 2-Butanone               | 7.003 | 43  | 6720  | 11.730 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.990 | 77  | 6167  | 2.562  | ug/l   | 95  |
| 27) cis-1,2-Dichloroethene   | 6.996 | 96  | 4225  | 2.641  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.344 | 49  | 2983  | 2.722  | ug/l # | 95  |
| 29) Tetrahydrofuran          | 7.356 | 42  | 4202  | 11.612 | ug/l   | 92  |
| 30) Chloroform               | 7.509 | 83  | 7058  | 2.688  | ug/l   | 100 |
| 31) Cyclohexane              | 7.795 | 56  | 9305  | 3.335  | ug/l # | 68  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 6591  | 2.719  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 5622  | 2.659  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.082 | 43  | 3269  | 2.654  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 7.911 | 117 | 6197  | 2.776  | ug/l   | 84  |
| 39) Methylcyclohexane        | 9.185 | 83  | 6420  | 2.418  | ug/l   | 93  |
| 40) Benzene                  | 8.167 | 78  | 15274 | 2.547  | ug/l   | 99  |

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 ALS Vial : 6 Sample Multiplier: 1

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 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 4234     | 5.300  | ug/l # | 17       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 5343     | 2.765  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 5433     | 2.300  | ug/l # | 94       |
| 44) Trichloroethene           | 8.941  | 130  | 4153     | 2.681  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 3761     | 2.547  | ug/l   | 95       |
| 46) Dibromomethane            | 9.313  | 93   | 1880     | 2.391  | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.502  | 83   | 5390     | 2.663  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.295  | 41   | 2665     | 2.352  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 478      | 46.599 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 13851    | 11.294 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 9583     | 2.576  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 5495     | 2.490  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 5981     | 2.465  | ug/l # | 88       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 2881     | 2.604  | ug/l   | 90       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 3589     | 2.134  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 5139     | 2.567  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 9888     | 12.002 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.831 | 43   | 9889     | 11.321 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.990 | 129  | 3321     | 2.471  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 2624     | 2.505  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.721 | 164  | 4548     | 2.871  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 10191    | 2.615  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 3756     | 2.615  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 18119    | 2.466  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 13447    | 4.824  | ug/l   | 95       |
| 69) o-Xylene                  | 12.032 | 106  | 6619     | 2.514  | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 10267    | 2.296  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 2128     | 2.382  | ug/l # | 92       |
| 73) Isopropylbenzene          | 12.331 | 105  | 16407    | 2.333  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 4751     | 2.177  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 2987     | 2.352  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 4679     | 4.904  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 4434     | 2.689  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.672 | 91   | 20966    | 2.422  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 12203    | 2.548  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 14130    | 2.403  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75   | 43238    | 89.047 | ug/l # | 7        |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 12323    | 2.487  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 11800    | 2.347  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 14273    | 2.458  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 18496    | 2.435  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 14997    | 2.339  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 8417     | 2.577  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 9146     | 2.839  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.696 | 91   | 14281    | 2.344  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.965 | 117  | 3177     | 2.729  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 7613     | 2.665  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 597      | 2.467  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 5063     | 2.682  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 3283     | 2.666  | ug/l   | 92       |
| 95) Naphthalene               | 15.233 | 128  | 8988     | 2.397  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 4529     | 2.707  | ug/l   | 99       |

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QLast Update : Tue Sep 28 17:44:36 2021  
Response via : Initial Calibration

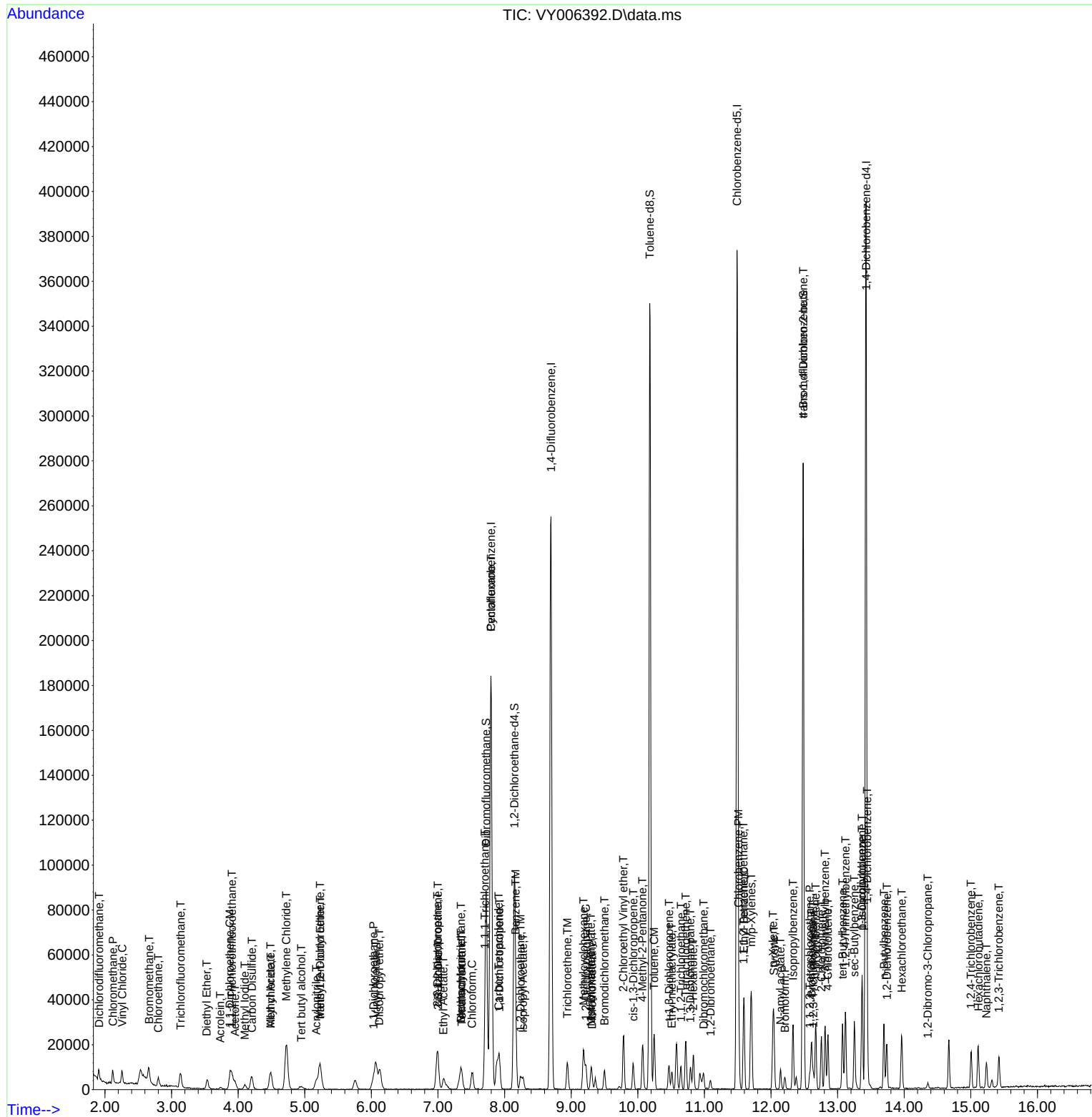
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

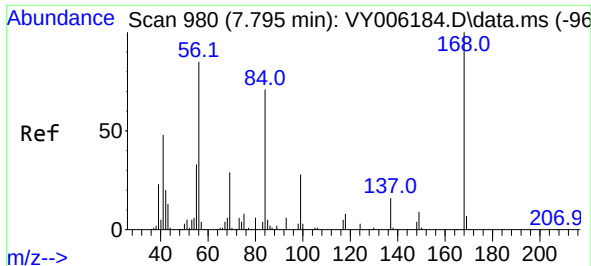
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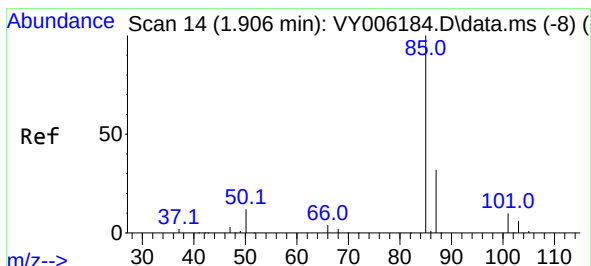
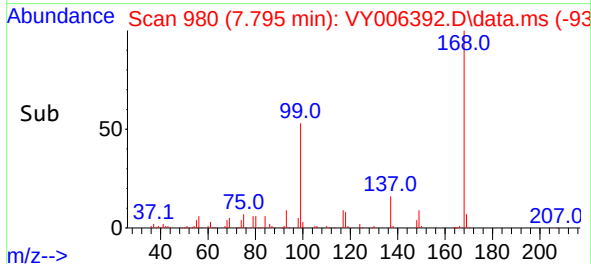
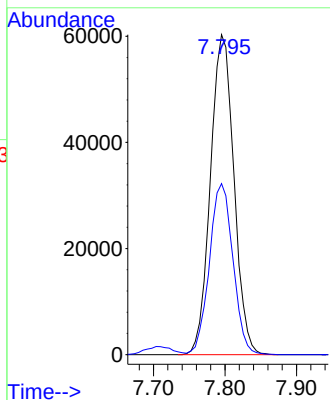
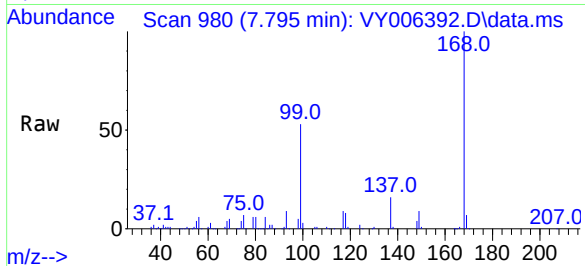




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

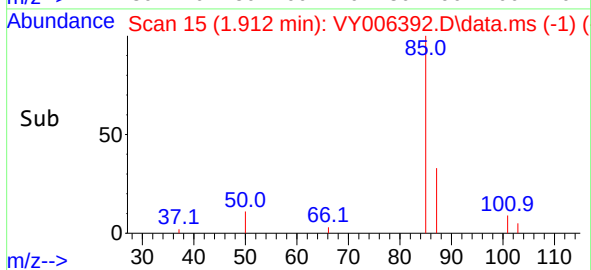
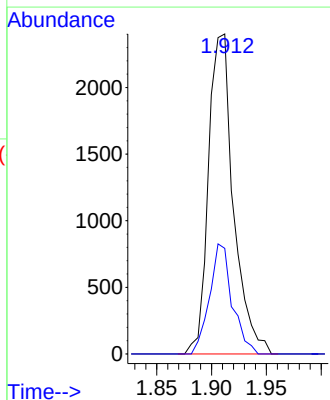
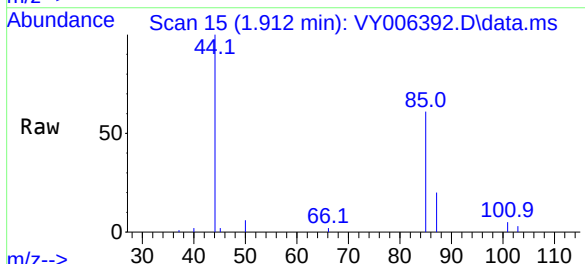
Instrument :  
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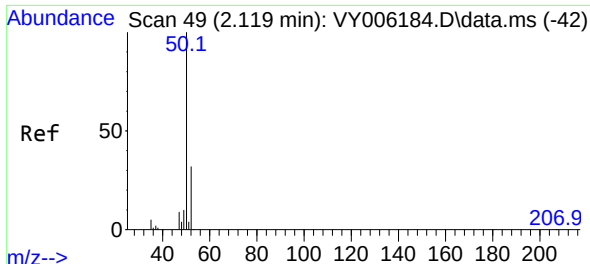
Tgt Ion:168 Resp: 137580  
Ion Ratio Lower Upper  
168 100  
99 53.4 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 2.729 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 85 Resp: 3809  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.1 48.2

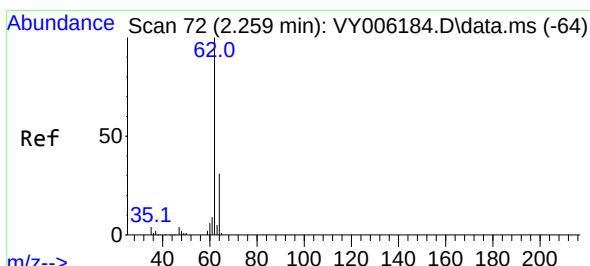
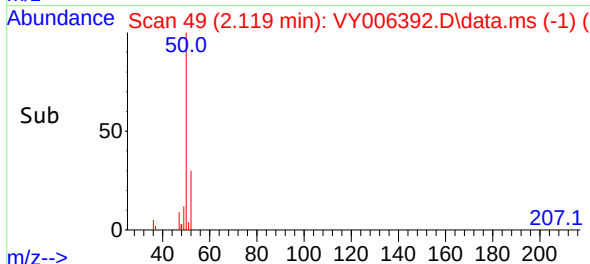
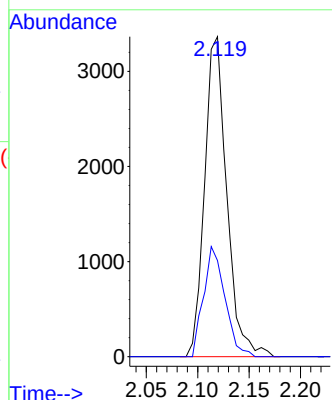
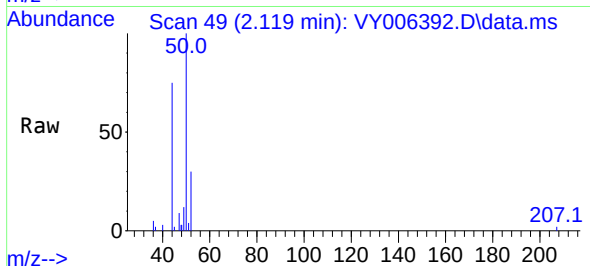




#3  
Chloromethane  
Concen: 3.112 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

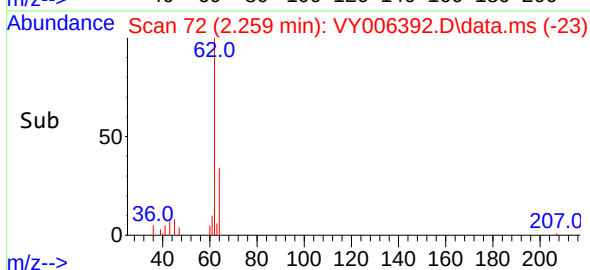
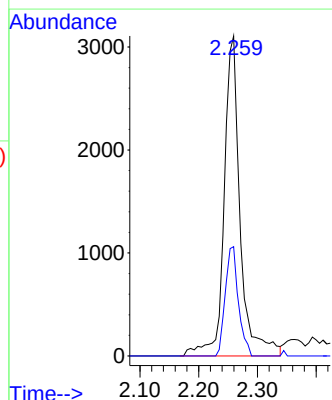
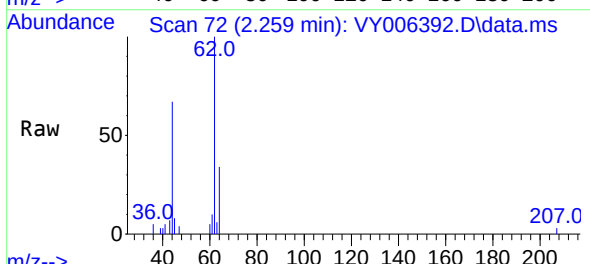
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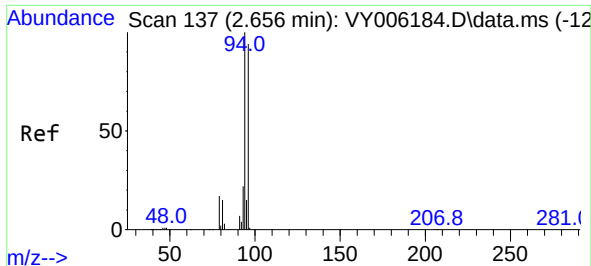
Tgt Ion: 50 Resp: 5058  
Ion Ratio Lower Upper  
50 100  
52 30.0 24.6 37.0



#4  
Vinyl Chloride  
Concen: 3.277 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 62 Resp: 5903  
Ion Ratio Lower Upper  
62 100  
64 34.1 25.0 37.6

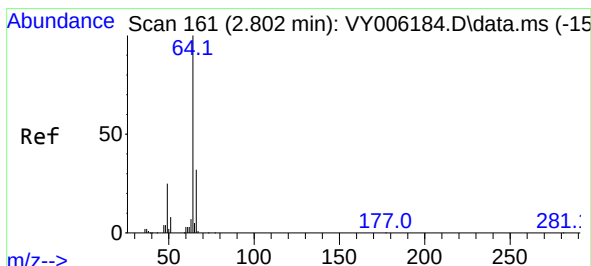
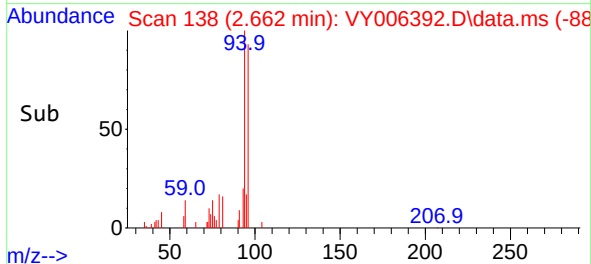
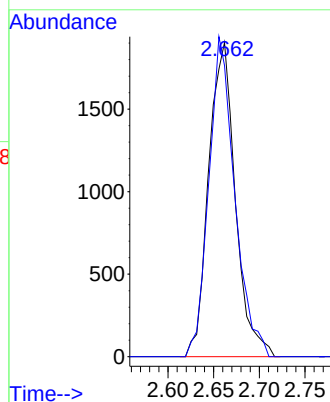
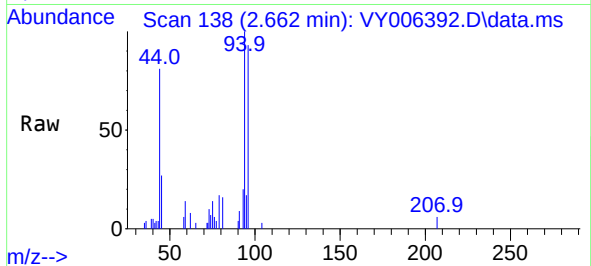




#5  
Bromomethane  
Concen: 3.298 ug/l  
RT: 2.662 min Scan# 138  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
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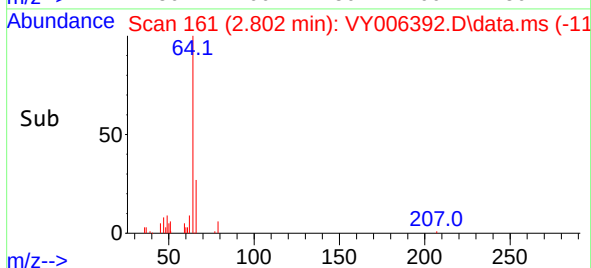
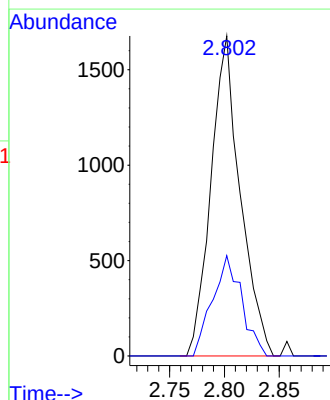
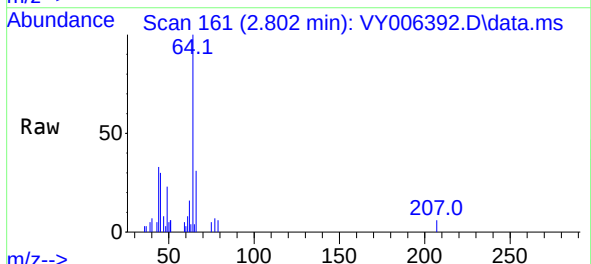
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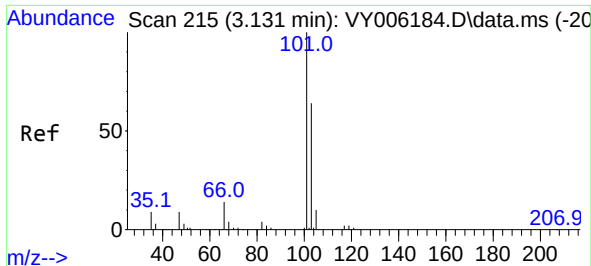
Tgt Ion: 94 Resp: 3861  
Ion Ratio Lower Upper  
94 100  
96 92.7 73.5 110.3



#6  
Chloroethane  
Concen: 2.947 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 64 Resp: 3124  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.4 38.0

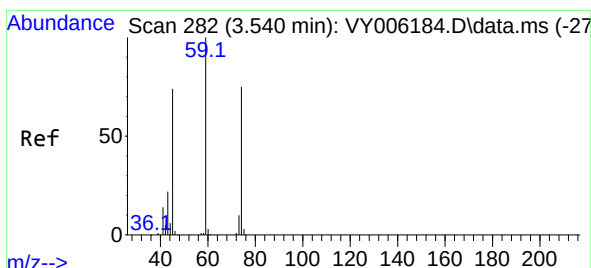
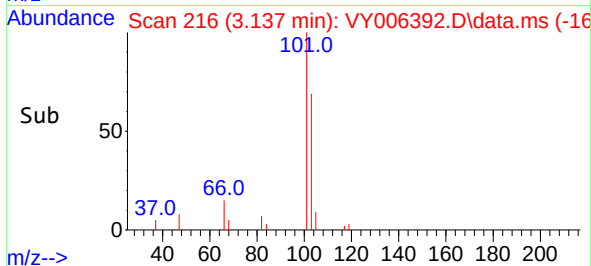
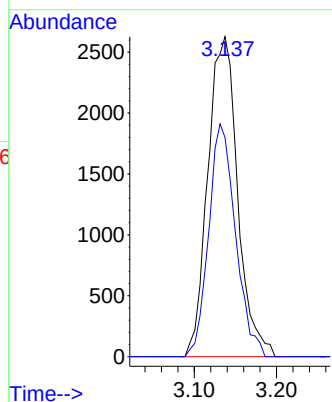
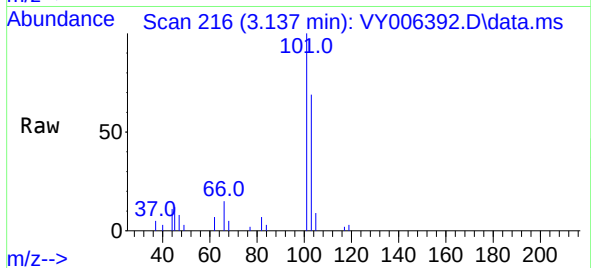




#7  
Trichlorofluoromethane  
Concen: 2.789 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

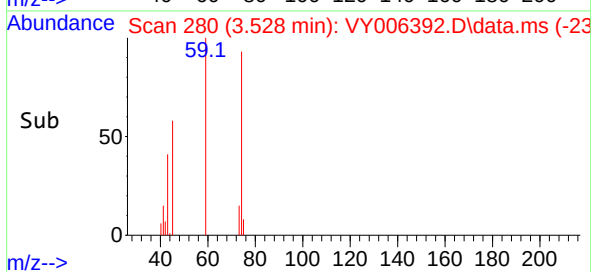
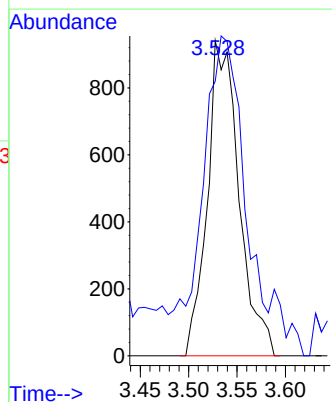
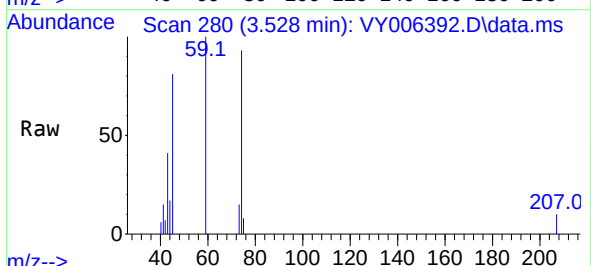
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:101 Resp: 6618  
Ion Ratio Lower Upper  
101 100  
103 68.5 48.0 72.0

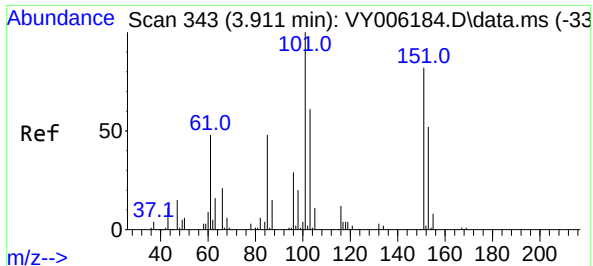


#8  
Diethyl Ether  
Concen: 2.731 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.012 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 74 Resp: 2140  
Ion Ratio Lower Upper  
74 100  
45 97.7 55.1 165.5



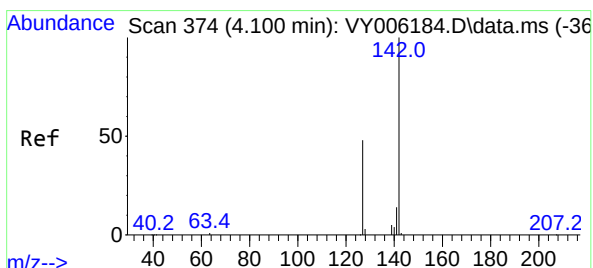
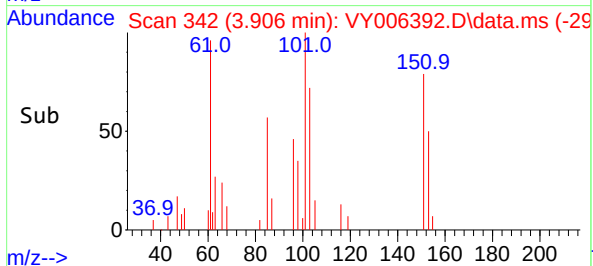
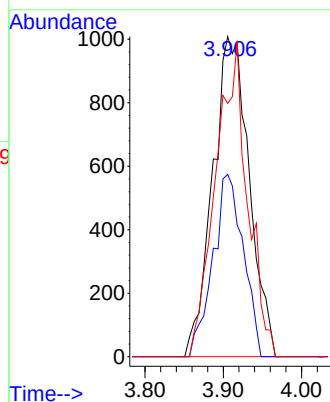
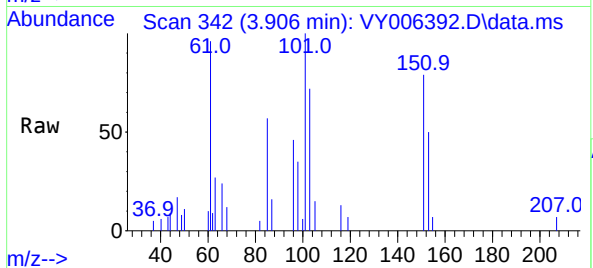




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.574 ug/l  
RT: 3.906 min Scan# 342  
Delta R.T. -0.005 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

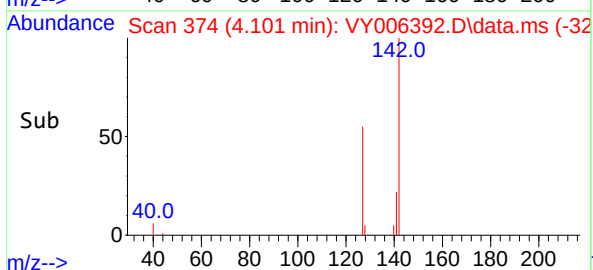
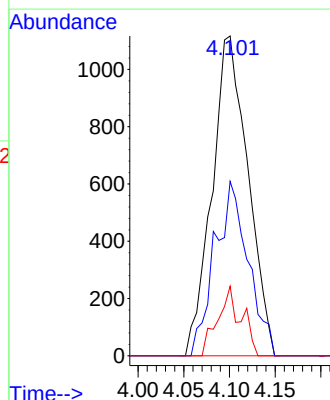
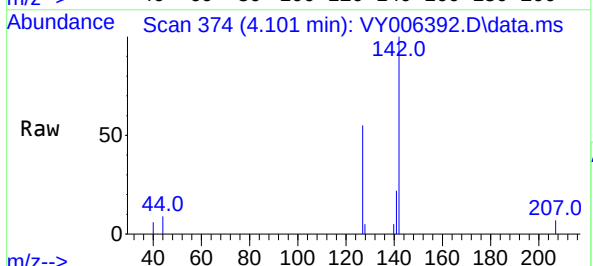
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

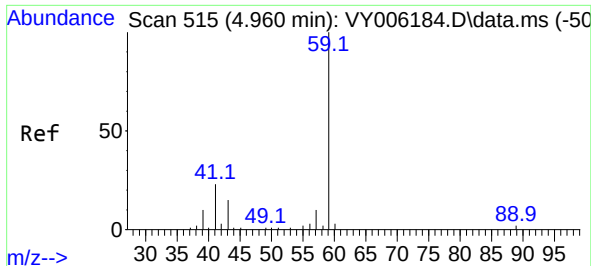
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 3260  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 47.5  | 40.6  | 60.8  |
| 151      | 86.1  | 64.9  | 97.3  |



#10  
Methyl Iodide  
Concen: 2.217 ug/l  
RT: 4.101 min Scan# 374  
Delta R.T. 0.001 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 3060  |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 50.7  | 41.5  | 62.3  |
| 141      | 14.2  | 11.9  | 17.9  |

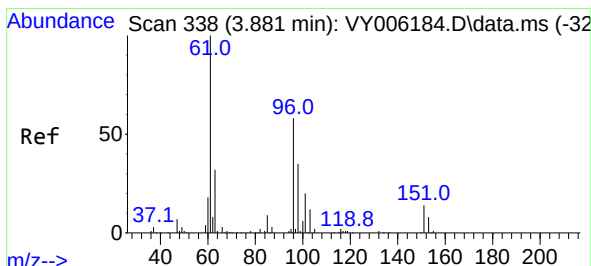
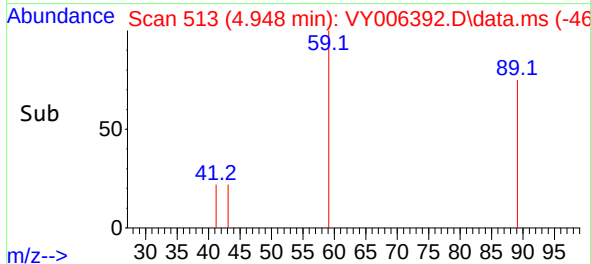
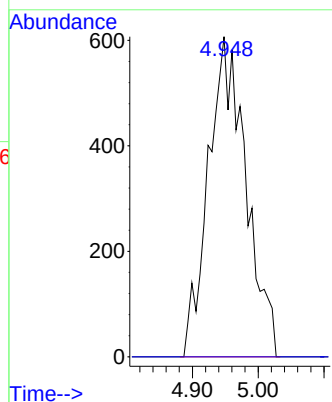
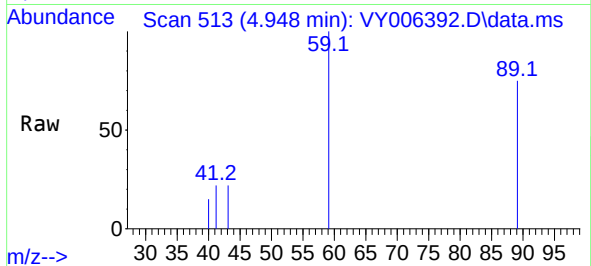




#11  
Tert butyl alcohol  
Concen: 18.733 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.012 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

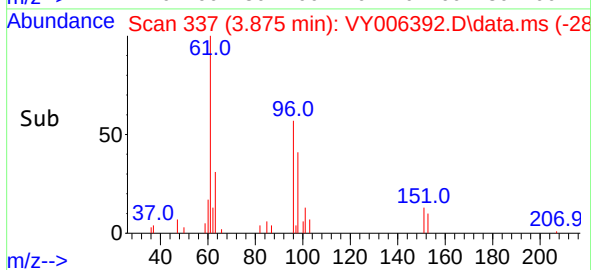
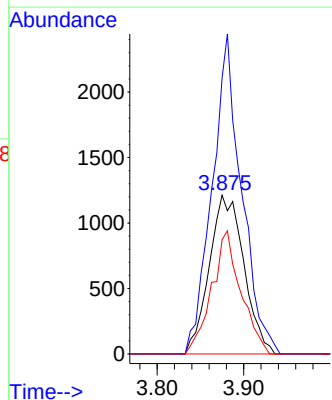
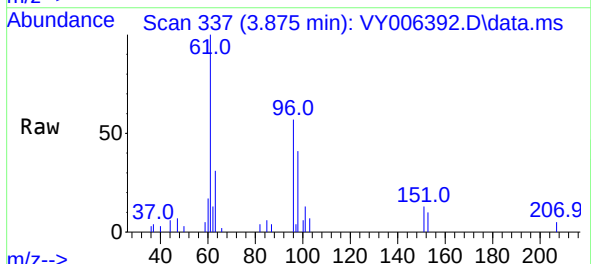
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

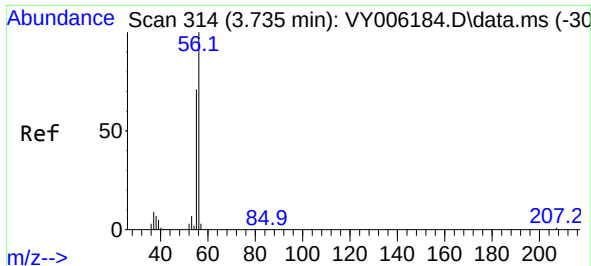
Tgt Ion: 59 Resp: 2413  
Ion Ratio Lower Upper  
59 100  
57 0.0 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 2.613 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 96 Resp: 3367  
Ion Ratio Lower Upper  
96 100  
61 174.1 145.8 218.6  
98 72.0 52.5 78.7

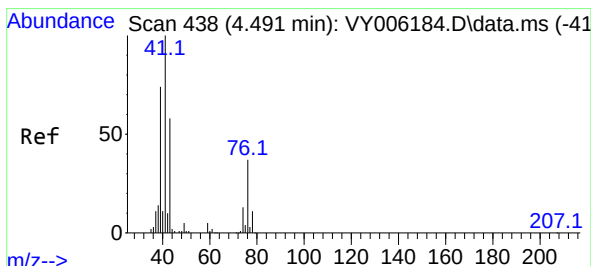
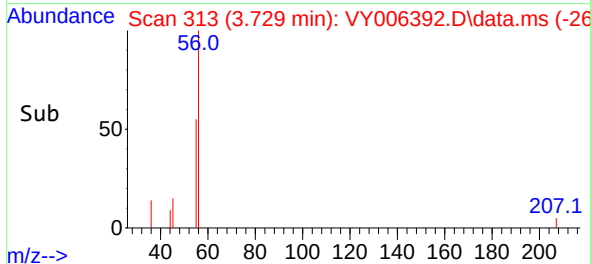
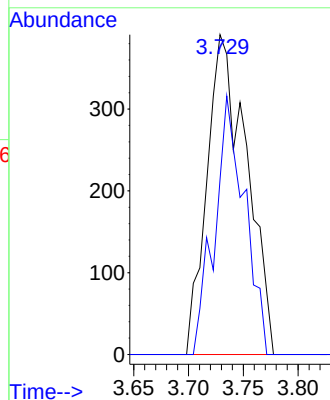
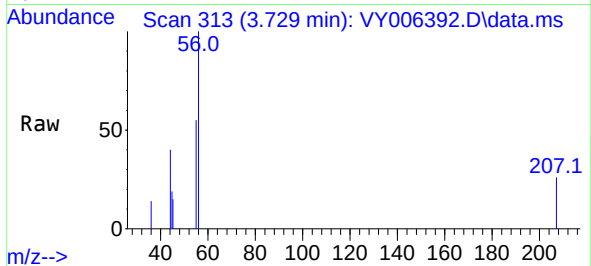




#13  
Acrolein  
Concen: 28.452 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

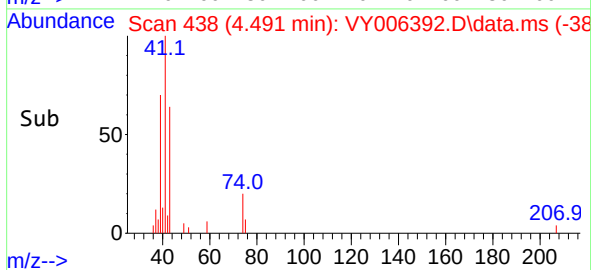
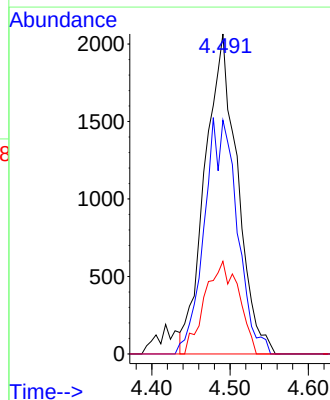
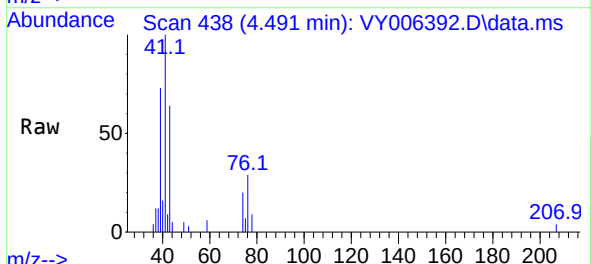
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

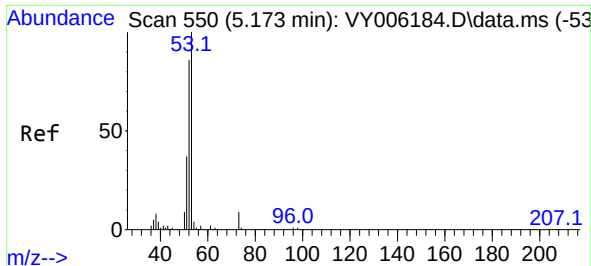
Tgt Ion: 56 Resp: 983  
Ion Ratio Lower Upper  
56 100  
55 61.1 57.6 86.4



#14  
Allyl chloride  
Concen: 2.394 ug/l  
RT: 4.491 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 41 Resp: 5932  
Ion Ratio Lower Upper  
41 100  
39 75.0 58.8 88.2  
76 30.3 25.1 37.7

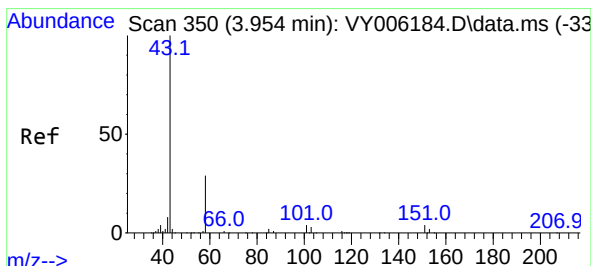
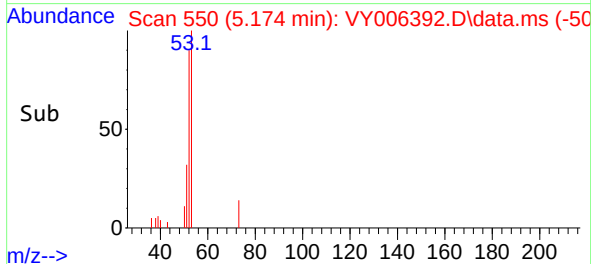
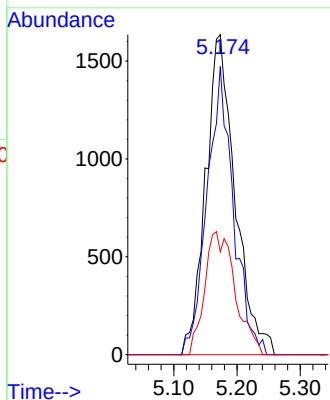
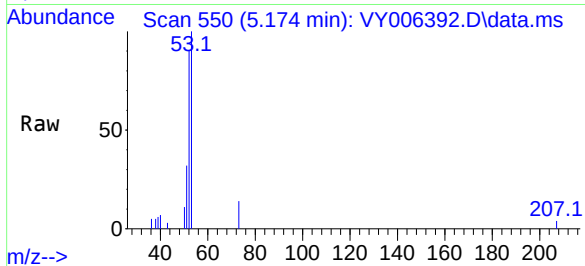




#15  
Acrylonitrile  
Concen: 12.838 ug/l  
RT: 5.174 min Scan# 550  
Delta R.T. 0.001 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

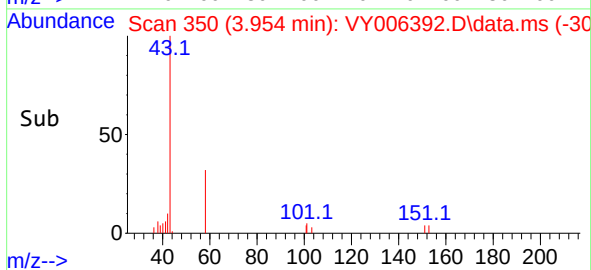
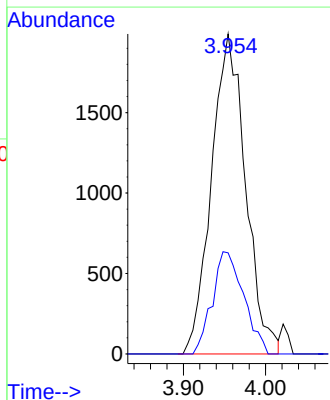
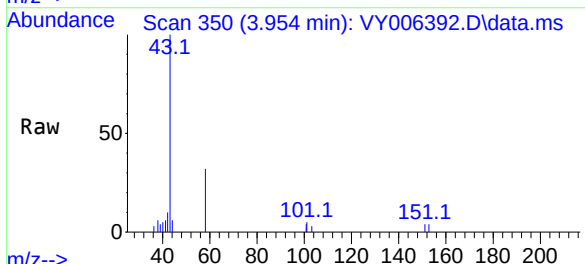
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

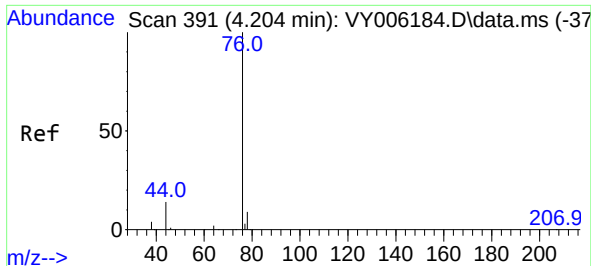
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 5292  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.2  | 67.0  | 100.4 |
| 51       | 39.7  | 29.8  | 44.6  |



#16  
Acetone  
Concen: 13.945 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5735  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.6  | 22.0  | 33.0  |

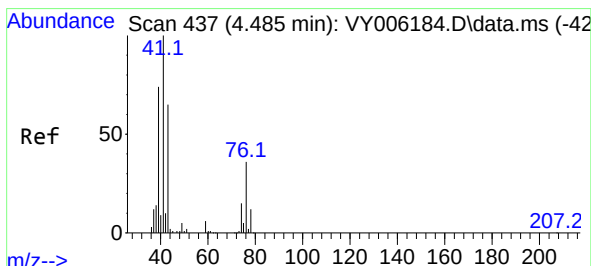
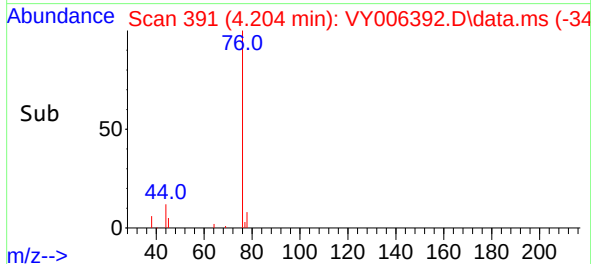
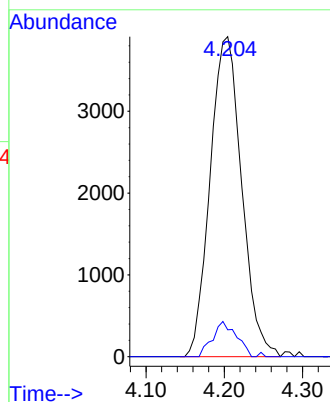
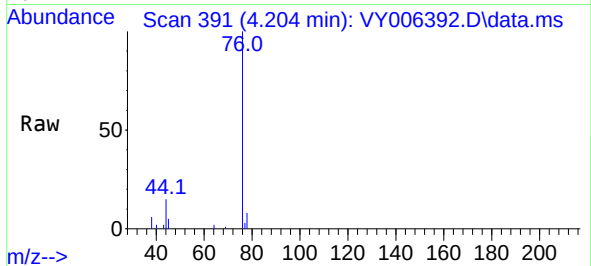




#17  
Carbon Disulfide  
Concen: 2.539 ug/l  
RT: 4.204 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

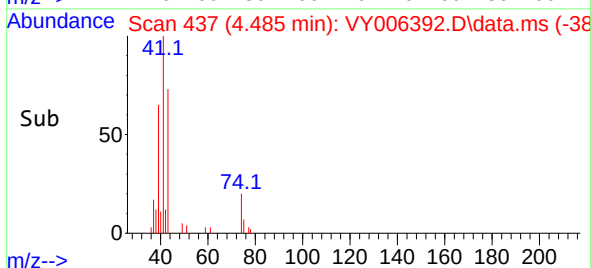
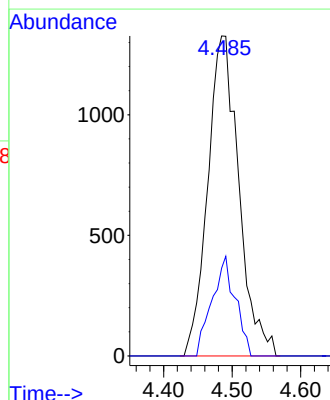
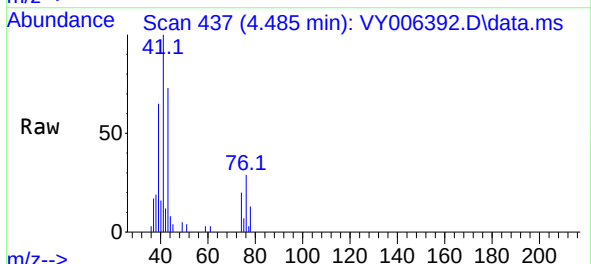
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

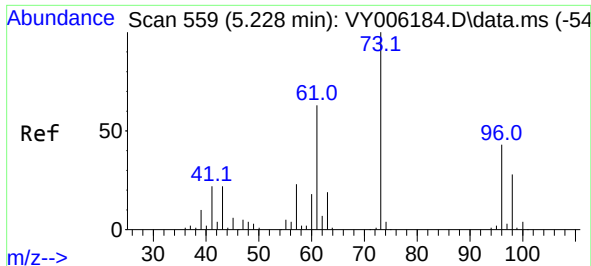
Tgt Ion: 76 Resp: 10941  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 3.013 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 43 Resp: 4178  
Ion Ratio Lower Upper  
43 100  
74 23.3 16.6 24.8



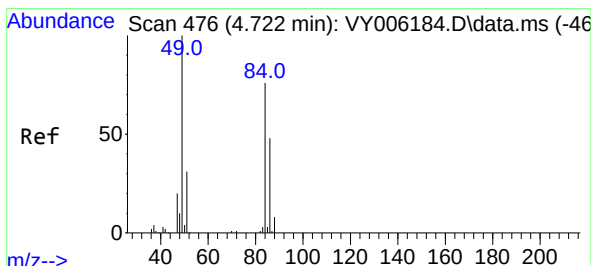
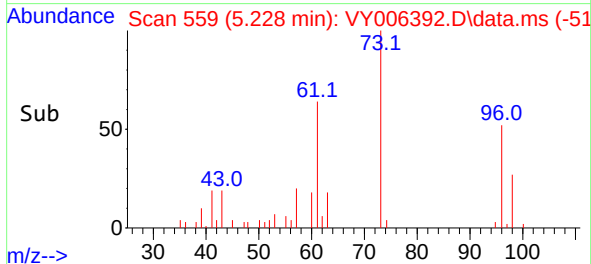
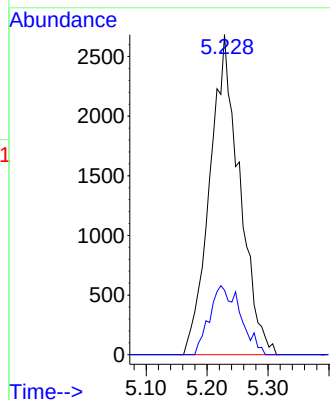
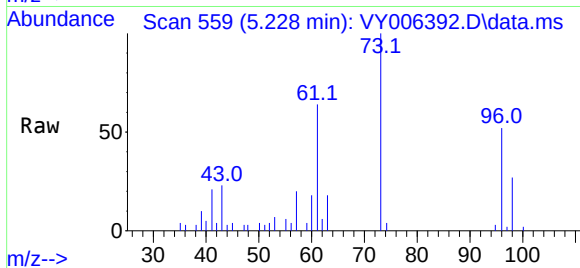


#19

Methyl tert-butyl Ether  
 Concen: 2.419 ug/l  
 RT: 5.228 min Scan# 559  
 Delta R.T. 0.000 min  
 Lab File: VY006392.D  
 Acq: 14 Oct 2021 12:55

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2021

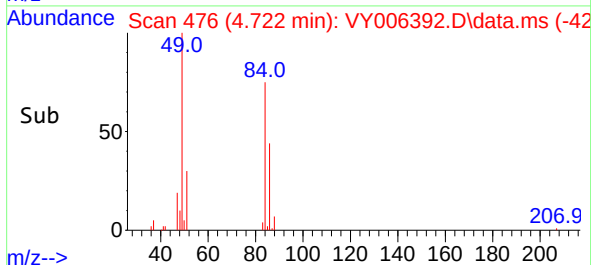
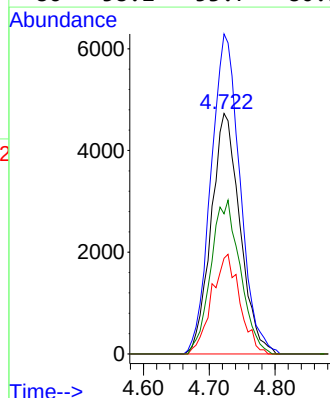
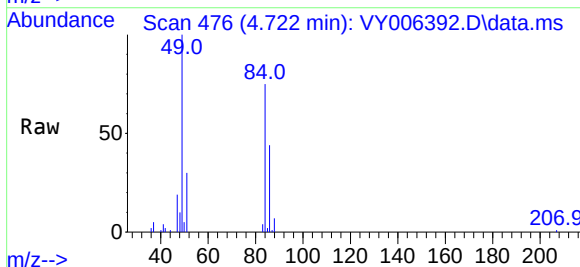
Tgt Ion: 73 Resp: 9103  
 Ion Ratio Lower Upper  
 73 100  
 57 20.2 18.6 27.8

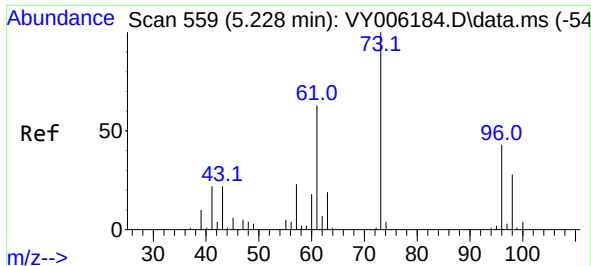


#20

Methylene Chloride  
 Concen: 6.945 ug/l  
 RT: 4.722 min Scan# 476  
 Delta R.T. 0.000 min  
 Lab File: VY006392.D  
 Acq: 14 Oct 2021 12:55

Tgt Ion: 84 Resp: 14417  
 Ion Ratio Lower Upper  
 84 100  
 49 133.1 114.4 171.6  
 51 39.8 35.3 52.9  
 86 58.2 53.7 80.5



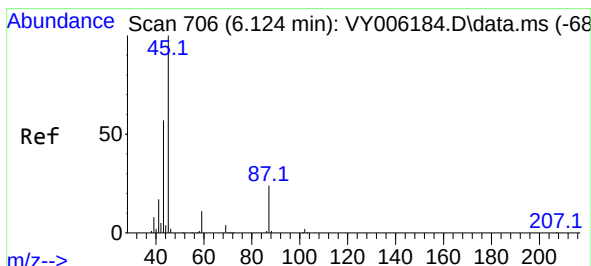
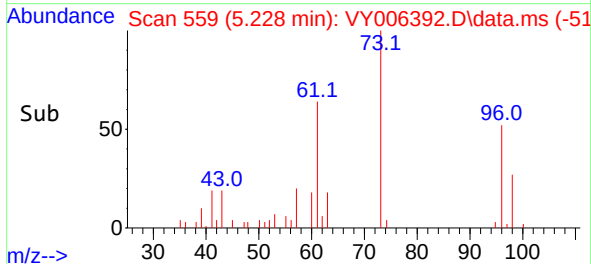
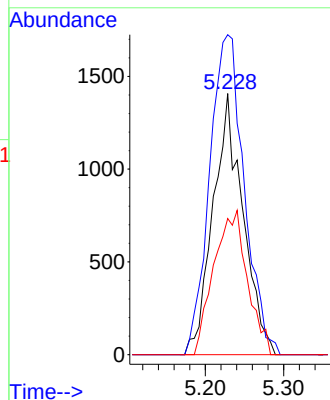
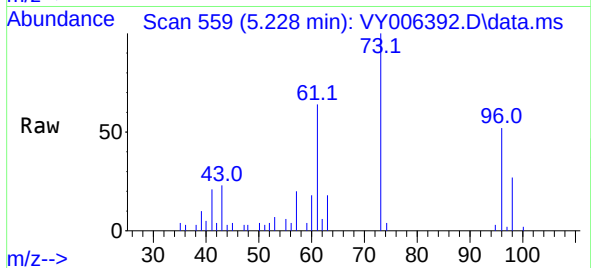


#21

trans-1,2-Dichloroethene  
Concen: 2.621 ug/l  
RT: 5.228 min Scan# 559  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

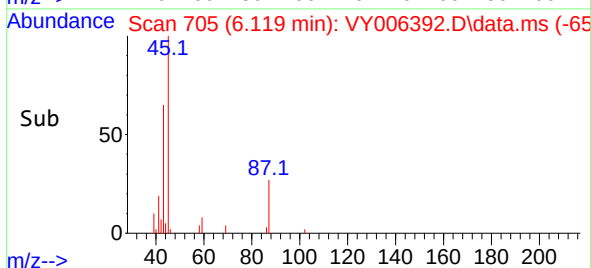
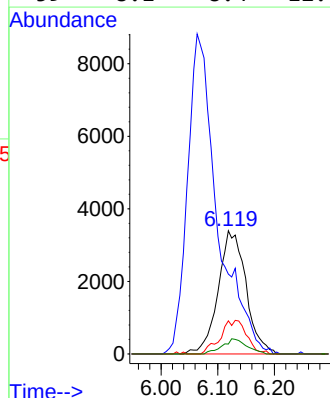
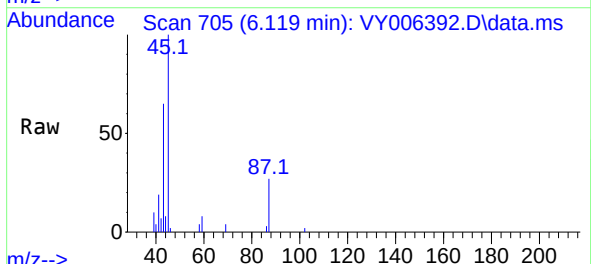
Tgt Ion: 96 Resp: 3744  
Ion Ratio Lower Upper  
96 100  
61 122.5 120.5 180.7  
98 52.1 49.8 74.8

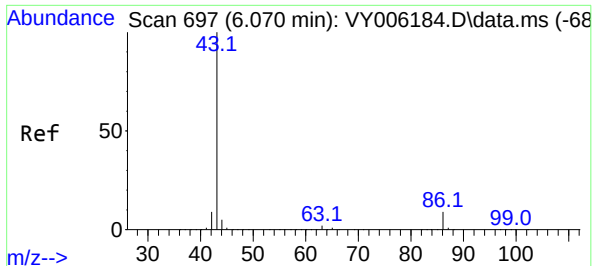


#22

Diisopropyl ether  
Concen: 2.358 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 45 Resp: 11560  
Ion Ratio Lower Upper  
45 100  
43 64.8 49.3 73.9  
87 26.9 19.2 28.8  
59 8.1 8.4 12.6#

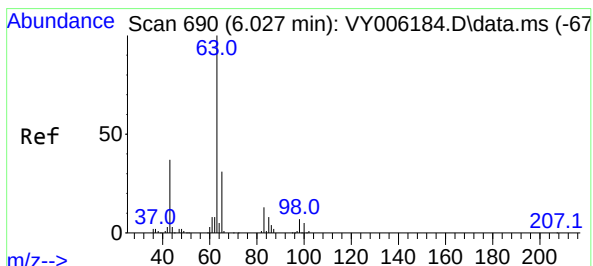
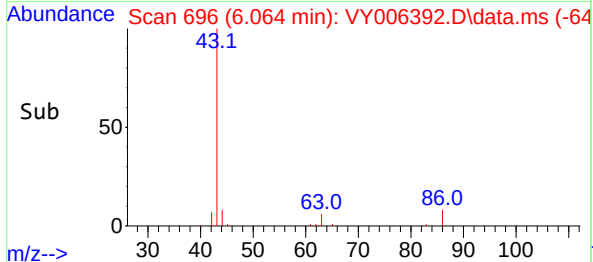
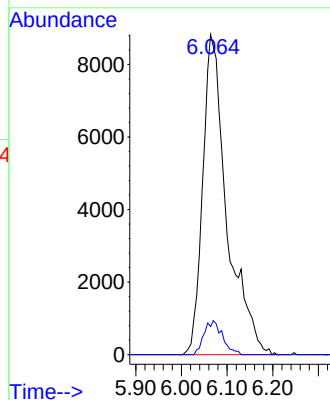
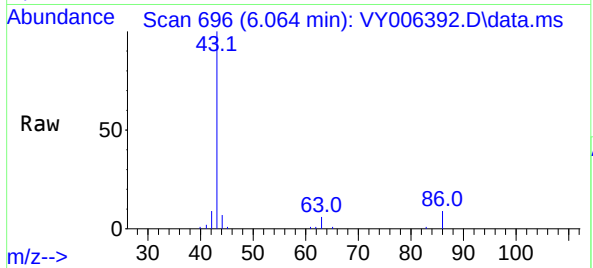




#23  
 Vinyl Acetate  
 Concen: 11.010 ug/l  
 RT: 6.064 min Scan# 696  
 Delta R.T. -0.006 min  
 Lab File: VY006392.D  
 Acq: 14 Oct 2021 12:55

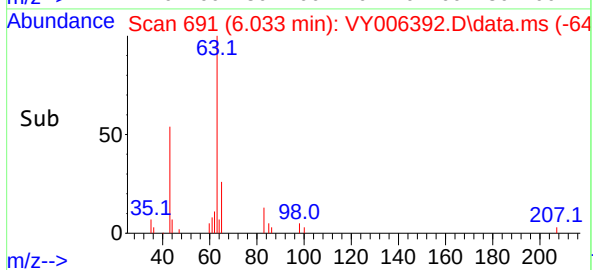
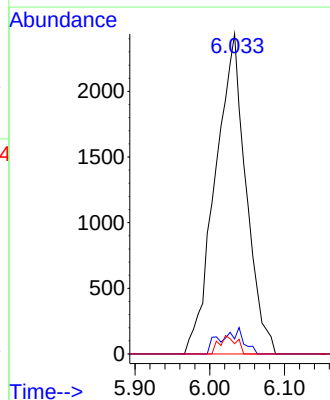
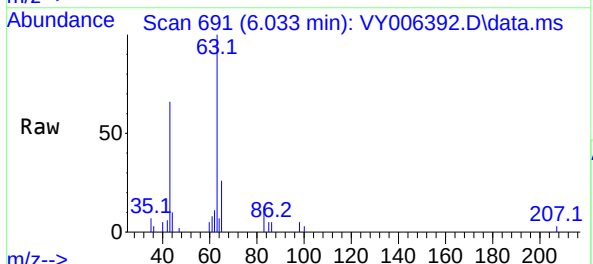
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 43 Resp: 32352  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 7.1 10.7

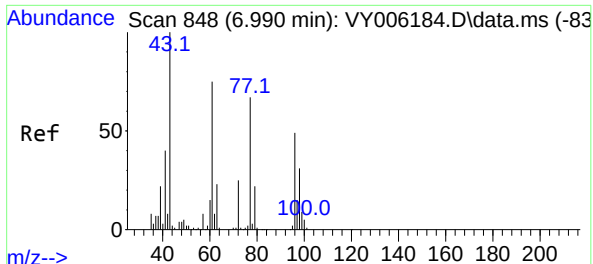


#24  
 1,1-Dichloroethane  
 Concen: 2.646 ug/l  
 RT: 6.033 min Scan# 691  
 Delta R.T. 0.006 min  
 Lab File: VY006392.D  
 Acq: 14 Oct 2021 12:55

Tgt Ion: 63 Resp: 6964  
 Ion Ratio Lower Upper  
 63 100  
 98 4.7 3.6 10.8  
 100 3.2 2.0 5.8



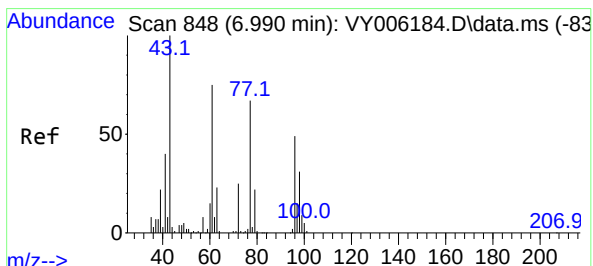
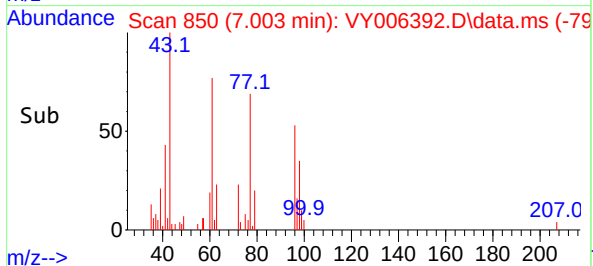
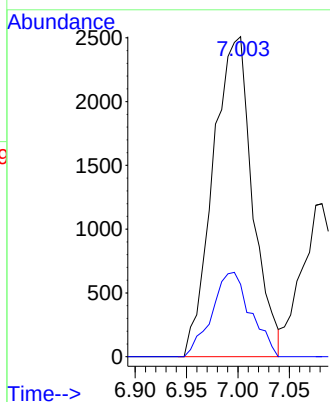
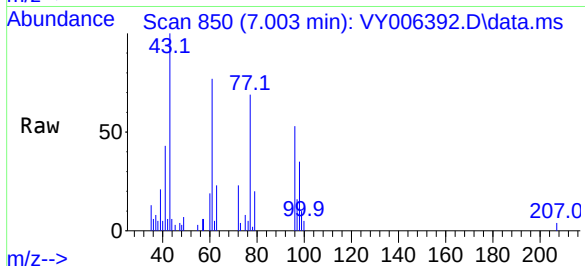




#25  
2-Butanone  
Concen: 11.730 ug/l  
RT: 7.003 min Scan# 850  
Delta R.T. 0.012 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

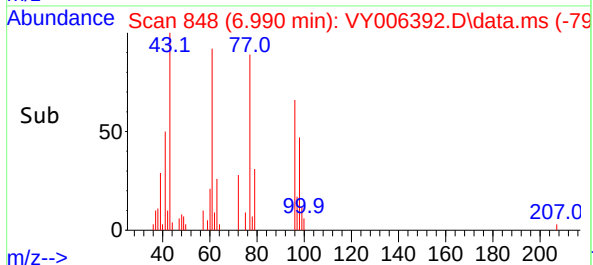
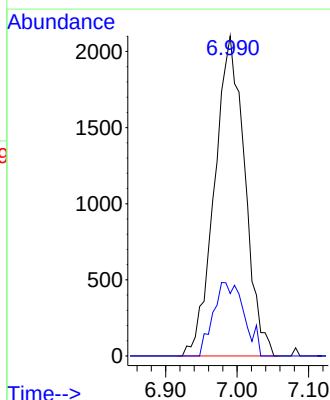
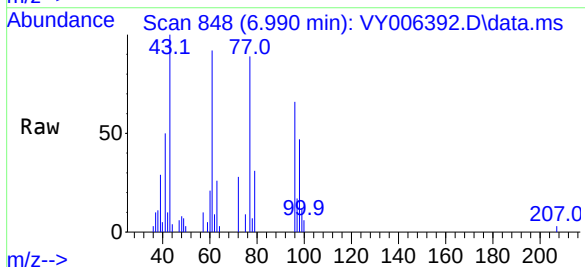
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

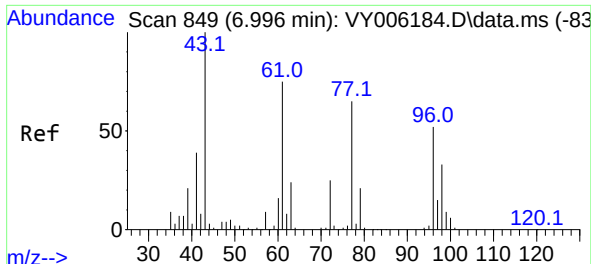
Tgt Ion: 43 Resp: 6720  
Ion Ratio Lower Upper  
43 100  
72 22.6 17.7 26.5



#26  
2,2-Dichloropropane  
Concen: 2.562 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 77 Resp: 6167  
Ion Ratio Lower Upper  
77 100  
97 23.3 10.4 31.4



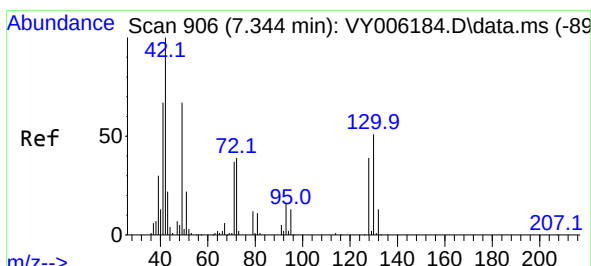
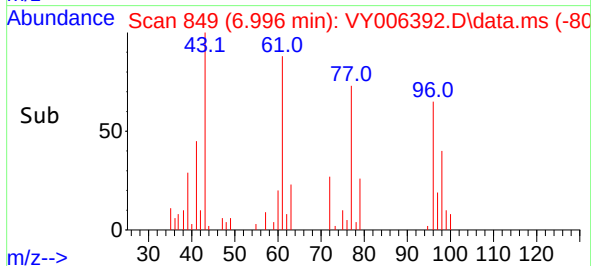
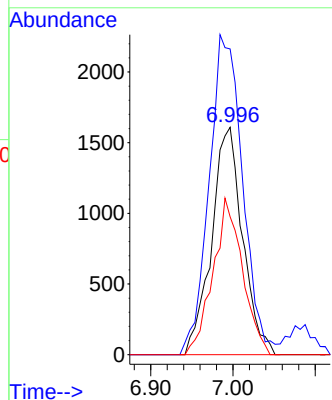
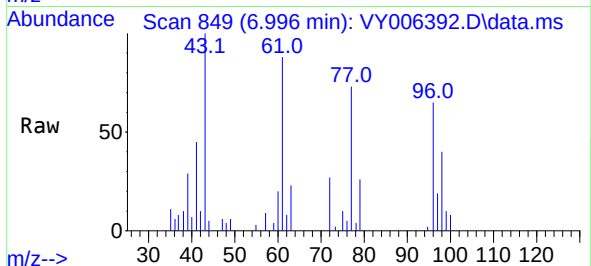


#27  
cis-1,2-Dichloroethene  
Concen: 2.641 ug/l  
RT: 6.996 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 96 Resp: 4225

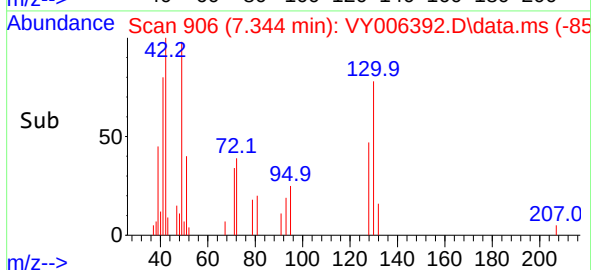
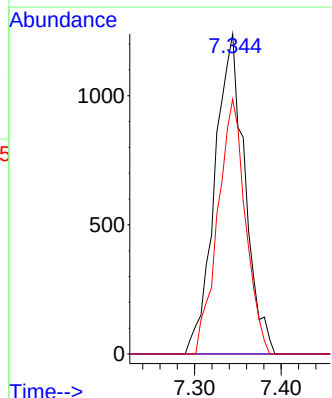
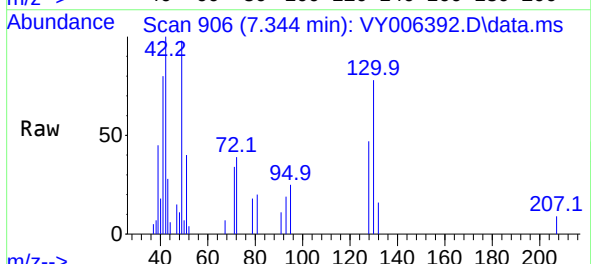
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 151.6 | 0.0   | 319.8 |
| 98  | 65.3  | 0.0   | 127.0 |

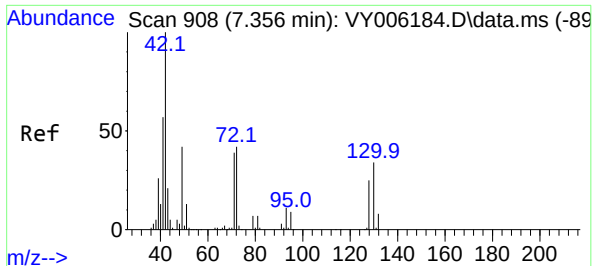


#28  
Bromochloromethane  
Concen: 2.722 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 49 Resp: 2983

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 0.0   | 0.0   | 2.2   |
| 130 | 73.3  | 55.4  | 83.0  |

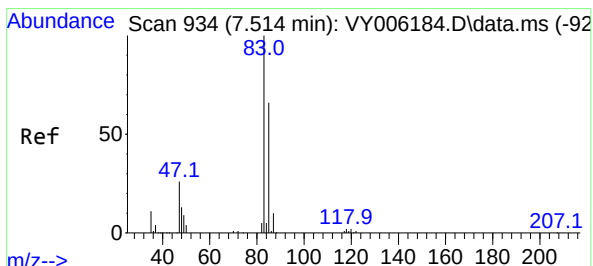
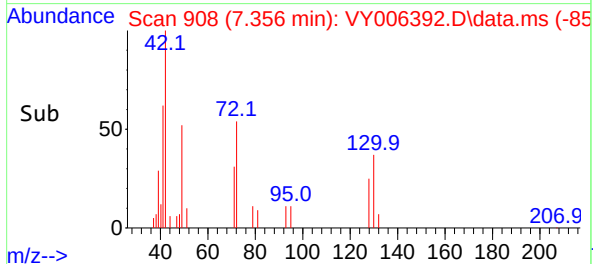
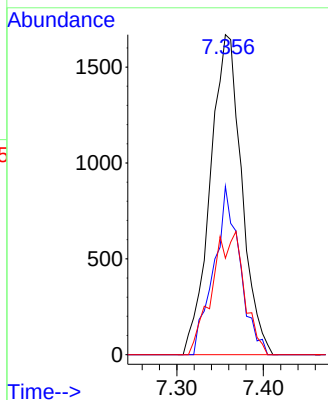
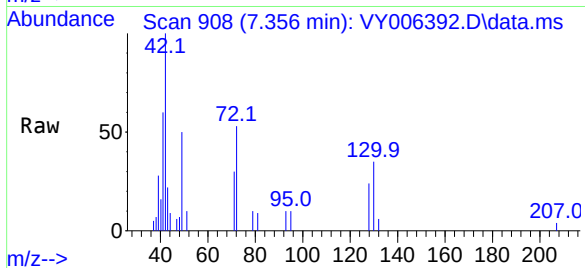




#29  
Tetrahydrofuran  
Concen: 11.612 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

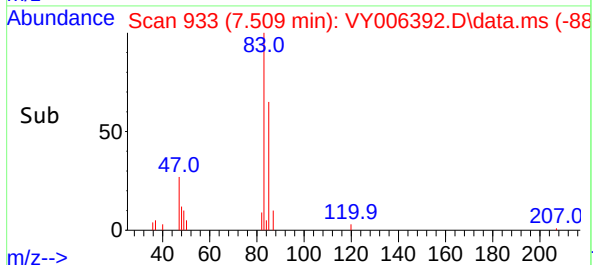
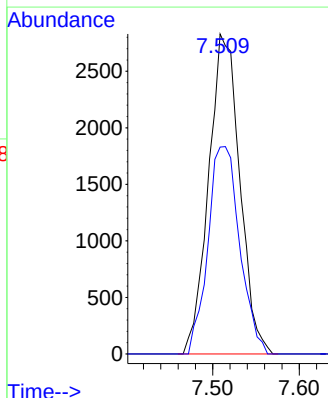
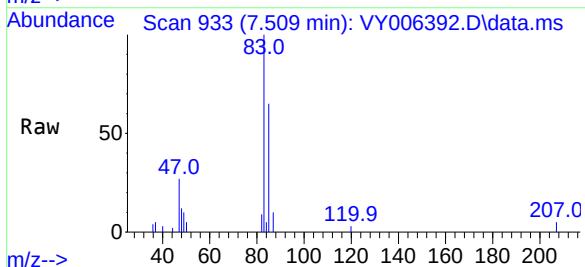
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

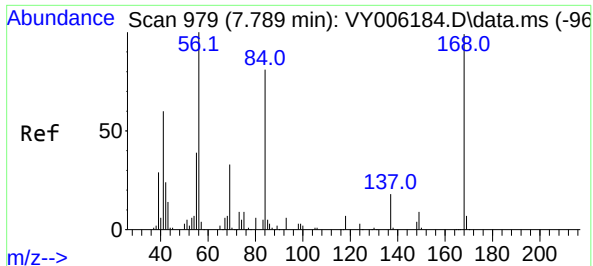
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 4202  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 43.6  | 30.3  | 45.5  |
| 71       | 39.5  | 29.0  | 43.4  |



#30  
Chloroform  
Concen: 2.688 ug/l  
RT: 7.509 min Scan# 933  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 7058  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 64.6  | 51.8  | 77.6  |

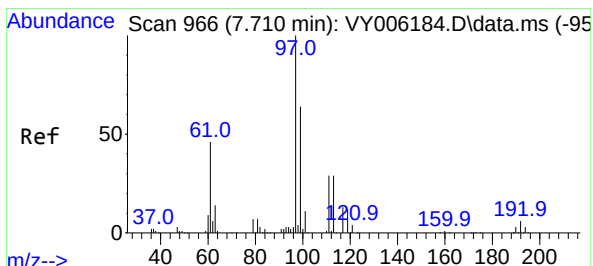
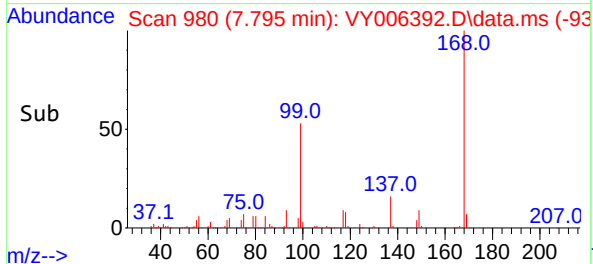
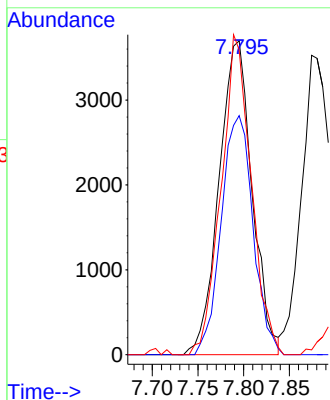
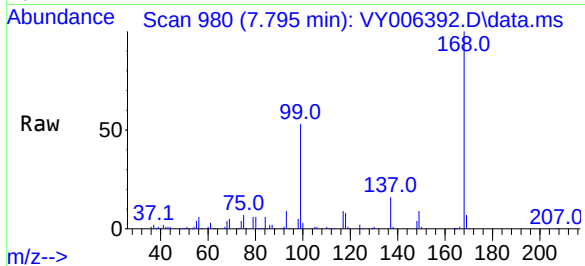




#31  
Cyclohexane  
Concen: 3.335 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

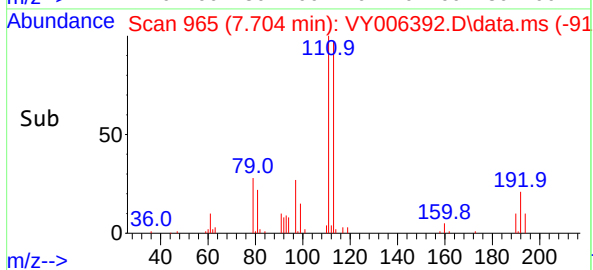
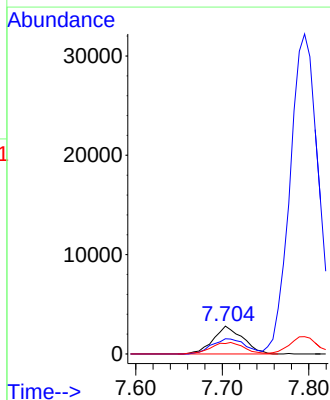
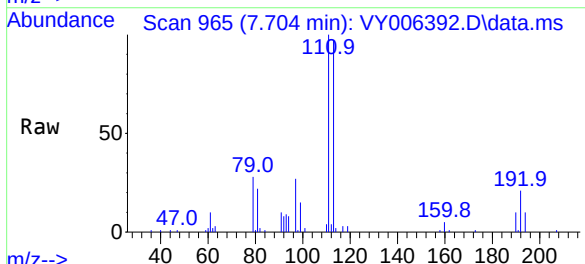
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

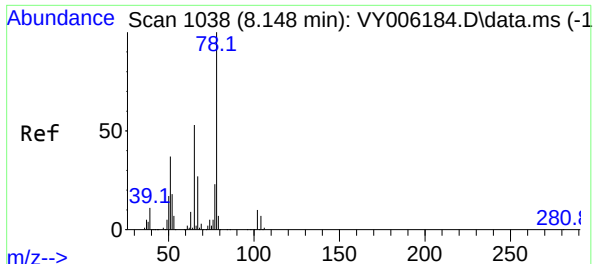
Tgt Ion: 56 Resp: 9305  
Ion Ratio Lower Upper  
56 100  
69 76.2 26.7 40.1#  
84 97.1 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 2.719 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 97 Resp: 6591  
Ion Ratio Lower Upper  
97 100  
99 62.9 50.7 76.1  
61 46.3 37.6 56.4

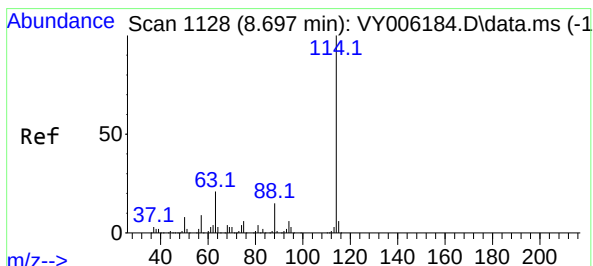
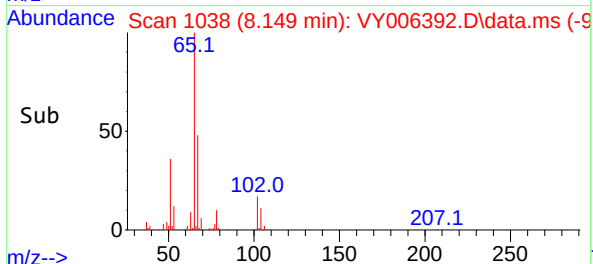
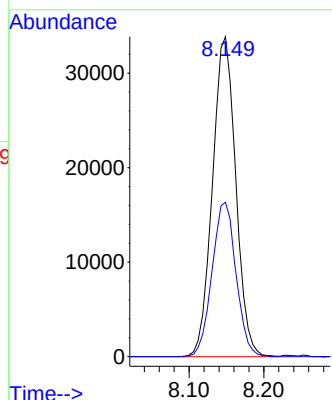
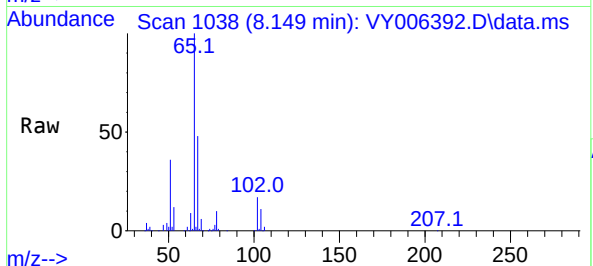




#33  
1,2-Dichloroethane-d4  
Concen: 49.850 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

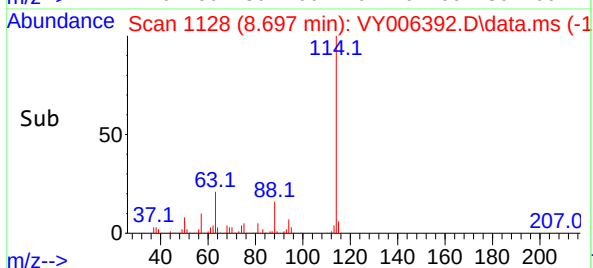
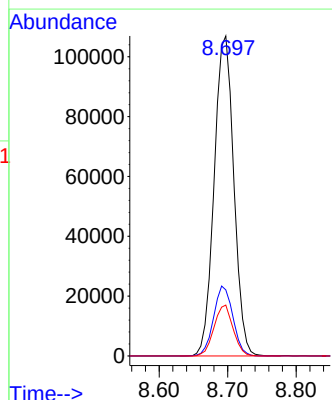
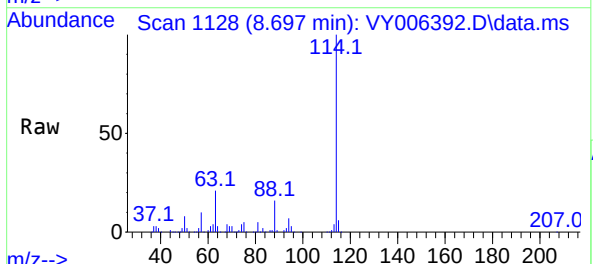
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

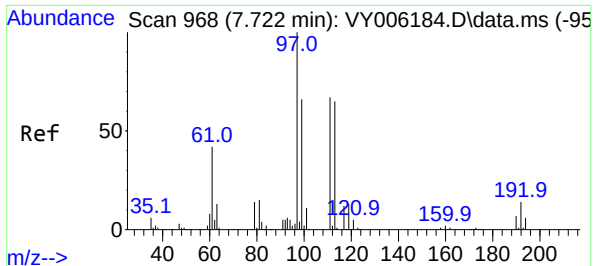
Tgt Ion: 65 Resp: 73405  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion:114 Resp: 212475  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 43.2  
88 15.9 0.0 31.8

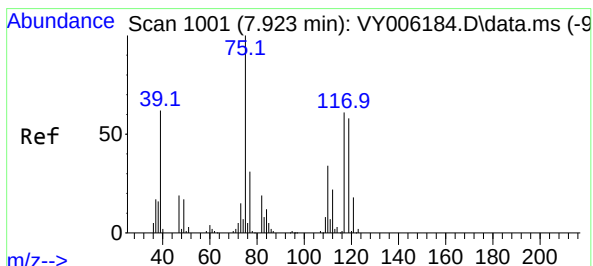
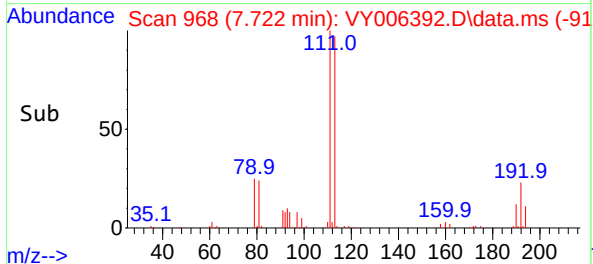
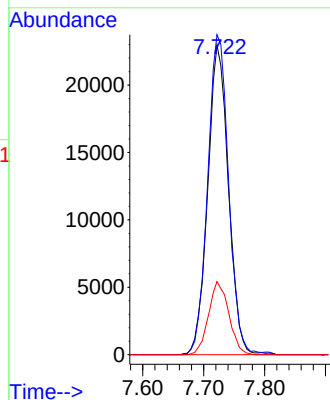
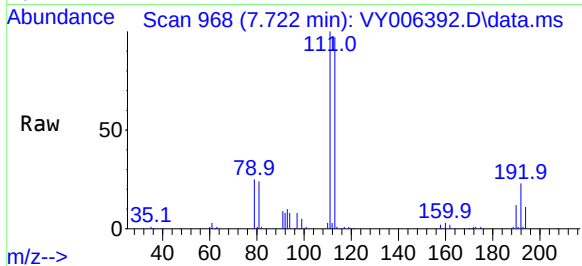




#35  
Dibromofluoromethane  
Concen: 47.766 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

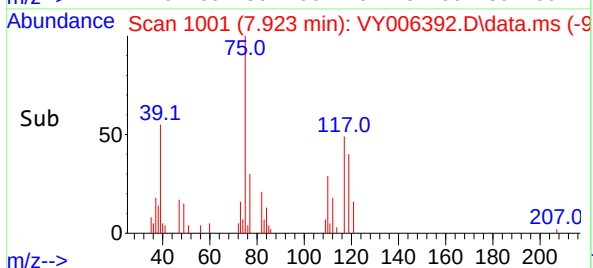
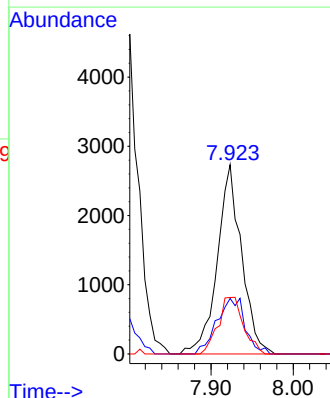
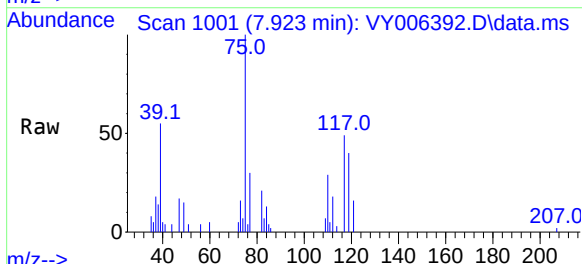
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

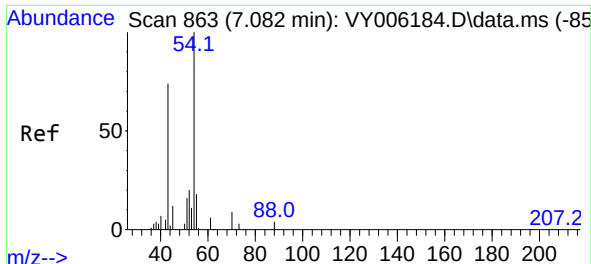
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 54222 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.6 | 82.6  | 124.0 |
| 192      | 23.1  | 17.6  | 26.4  |



#36  
1,1-Dichloropropene  
Concen: 2.659 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5622  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.3  | 17.1  | 51.2  |
| 77       | 31.2  | 24.4  | 36.6  |

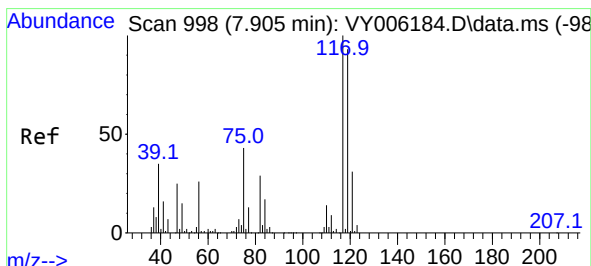
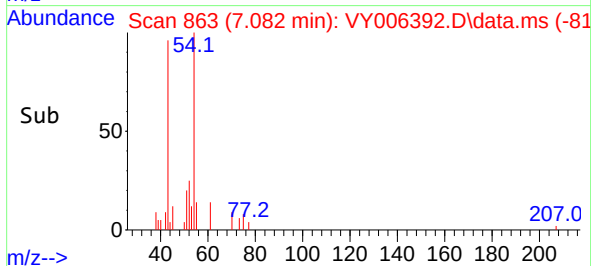
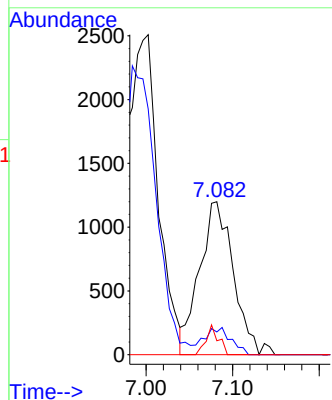
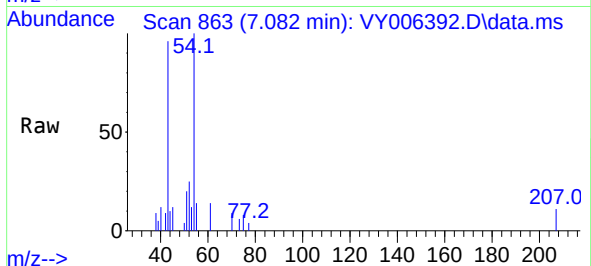




#37  
Ethyl Acetate  
Concen: 2.654 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

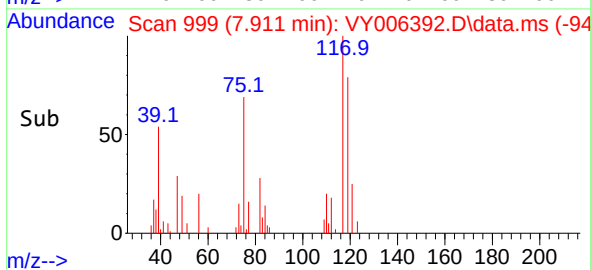
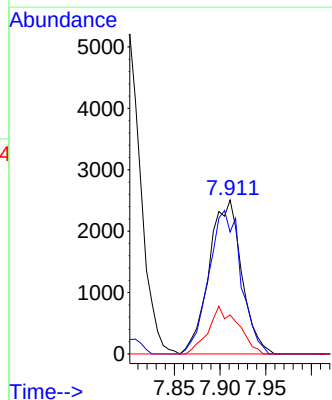
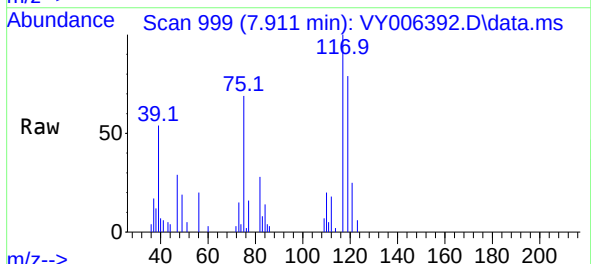
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

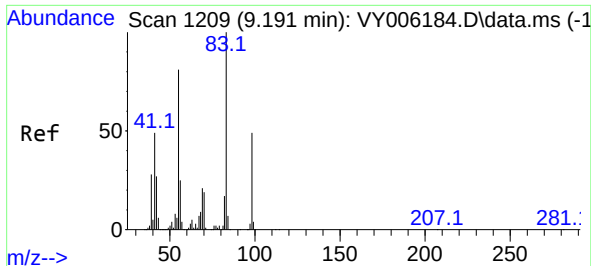
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3269  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.3  | 9.7   | 14.5  |
| 70       | 7.0   | 7.1   | 10.7# |



#38  
Carbon Tetrachloride  
Concen: 2.776 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 6197  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 79.3  | 77.9  | 116.9 |
| 121      | 25.4  | 24.8  | 37.2  |





#39

Methylcyclohexane

Concen: 2.418 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

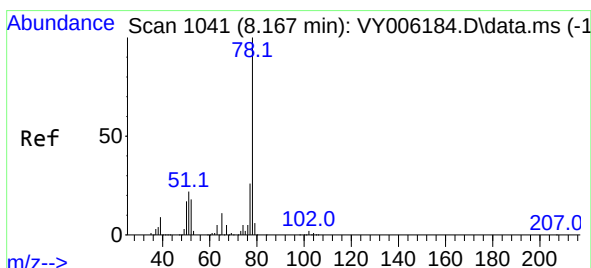
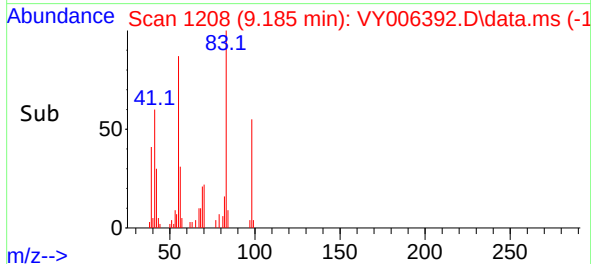
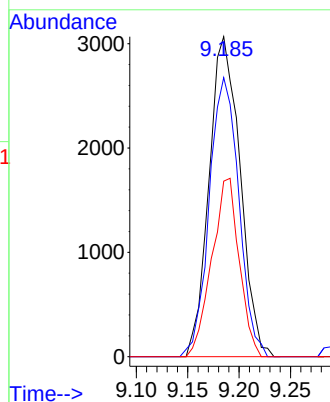
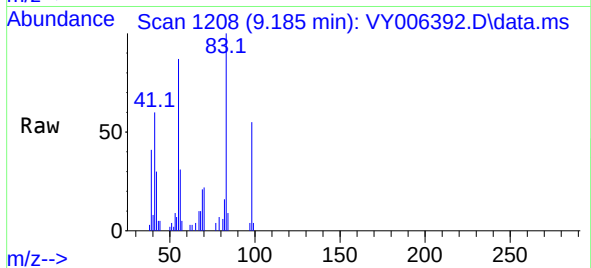
Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 6420     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 87.2 66.5 99.7 |
| 98          | 54.9 37.9 56.9 |



#40

Benzene

Concen: 2.547 ug/l

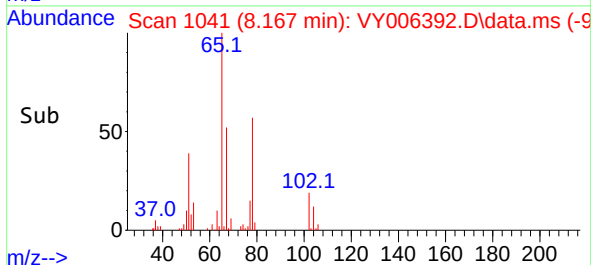
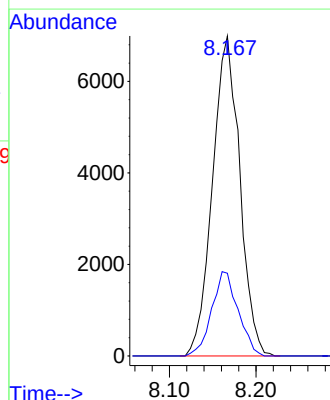
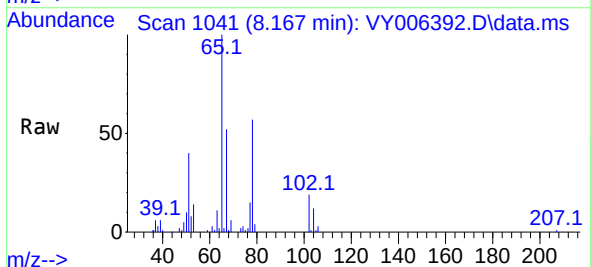
RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

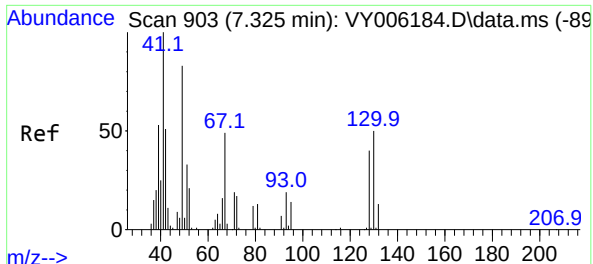
Lab File: VY006392.D

Acq: 14 Oct 2021 12:55

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 15274    |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 25.8 20.4 30.6 |

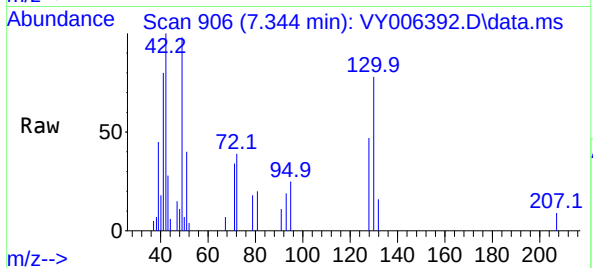




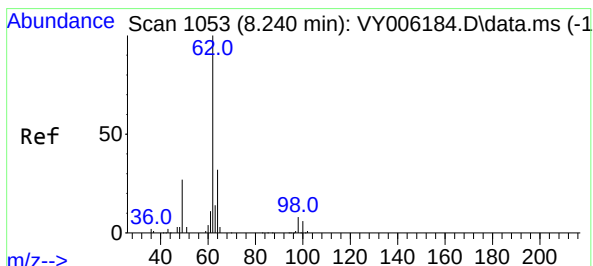
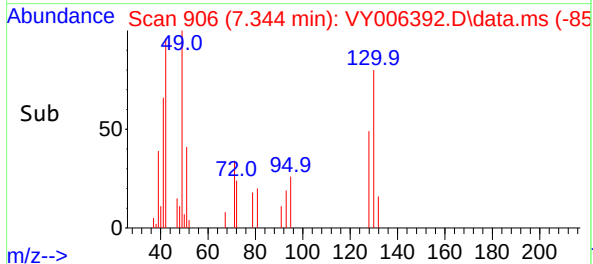
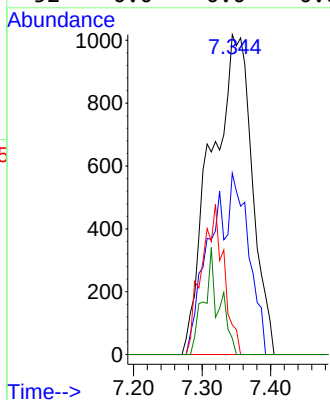


#41  
Methacrylonitrile  
Concen: 5.300 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.018 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

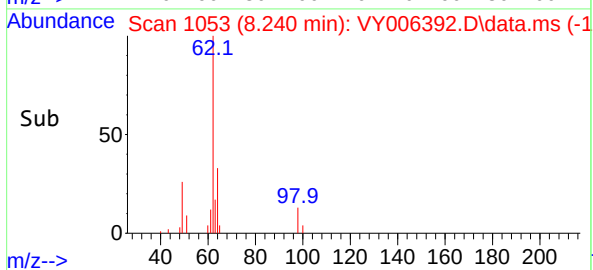
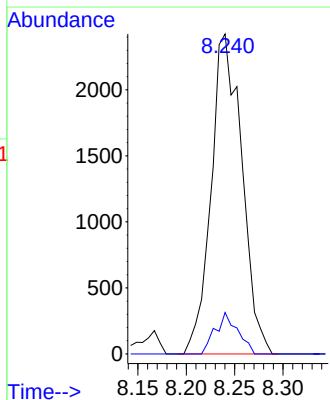
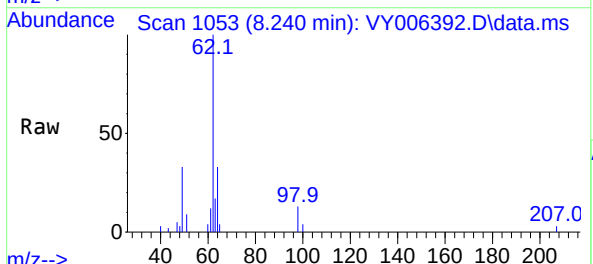


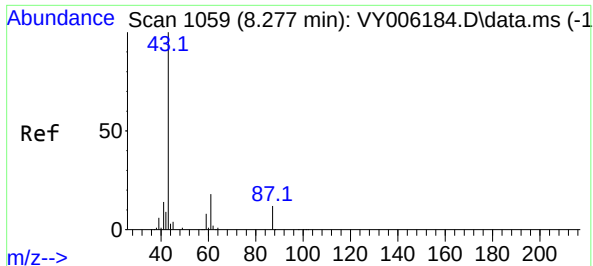
Tgt Ion: 41 Resp: 4234  
Ion Ratio Lower Upper  
41 100  
39 25.4 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 2.765 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 62 Resp: 5343  
Ion Ratio Lower Upper  
62 100  
98 9.3 0.0 14.8

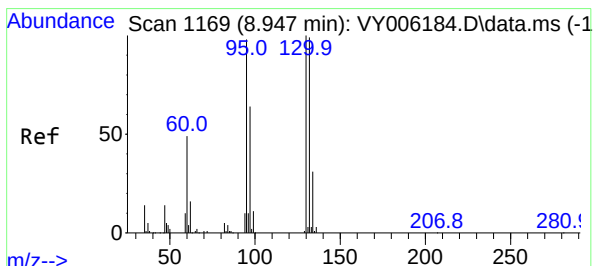
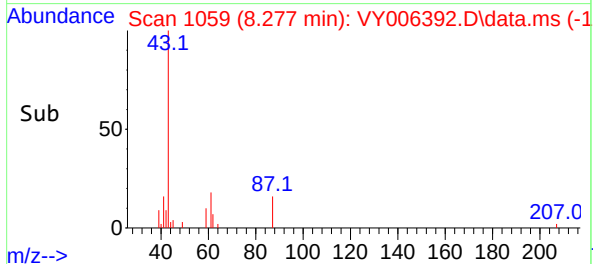
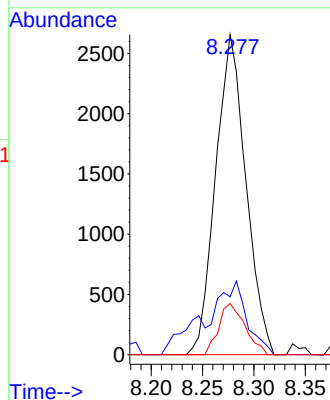
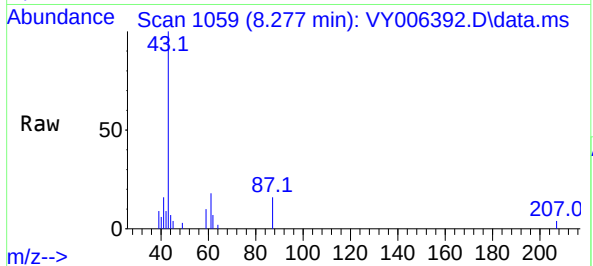




#43  
Isopropyl Acetate  
Concen: 2.300 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

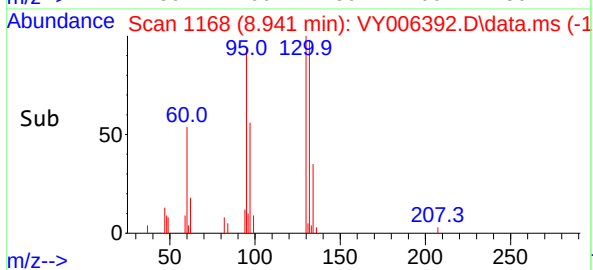
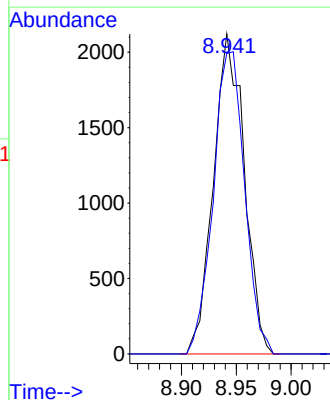
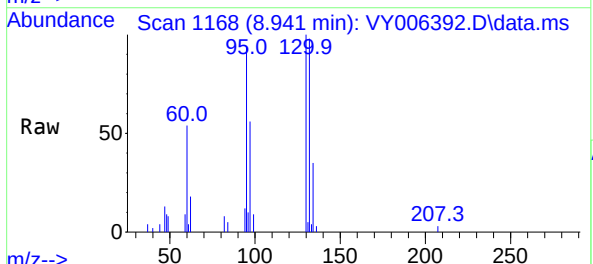
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

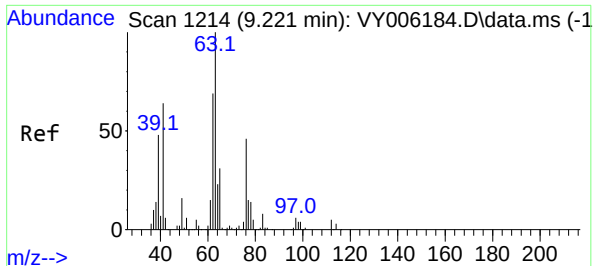
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 5433  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 22.3  | 20.2  | 30.2  |
| 87       | 13.9  | 8.9   | 13.3# |



#44  
Trichloroethene  
Concen: 2.681 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 4153  |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 93.9  | 0.0   | 188.2 |



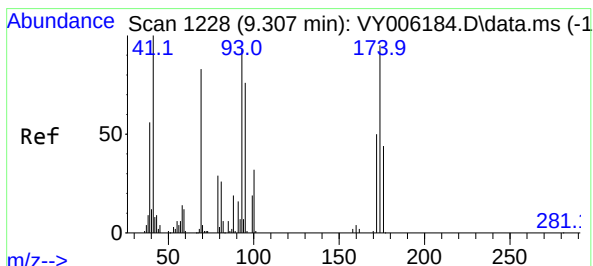
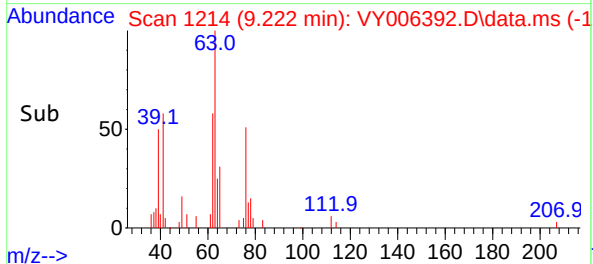
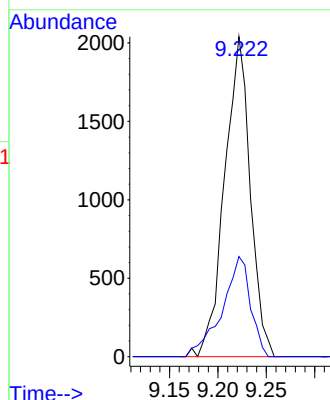
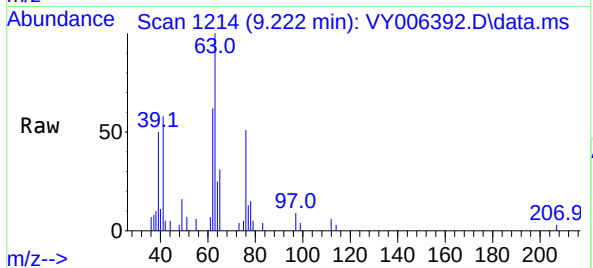


#45

1,2-Dichloropropane  
Concen: 2.547 ug/l  
RT: 9.222 min Scan# 1214  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

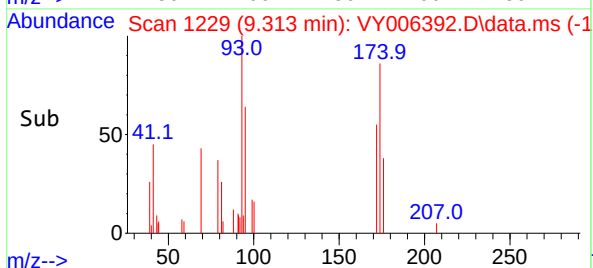
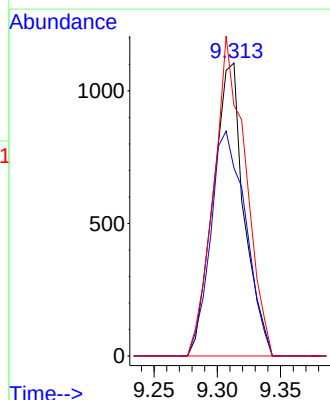
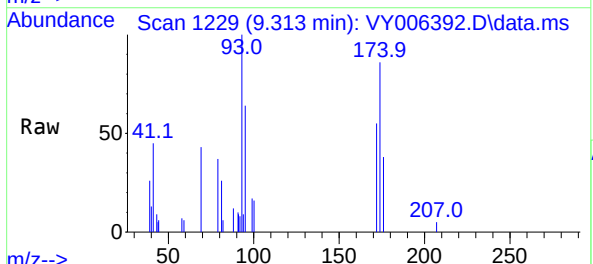
Tgt Ion: 63 Resp: 3761  
Ion Ratio Lower Upper  
63 100  
65 31.3 23.0 34.6

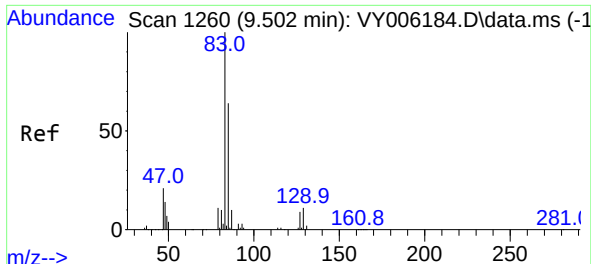


#46

Dibromomethane  
Concen: 2.391 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 93 Resp: 1880  
Ion Ratio Lower Upper  
93 100  
95 86.8 64.3 96.5  
174 112.0 83.4 125.0

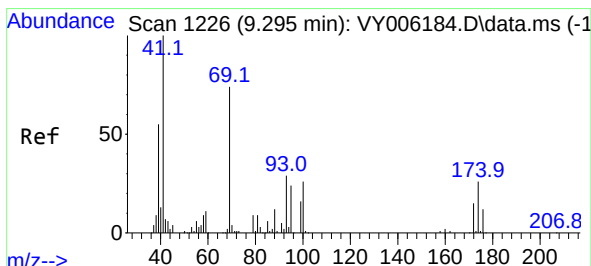
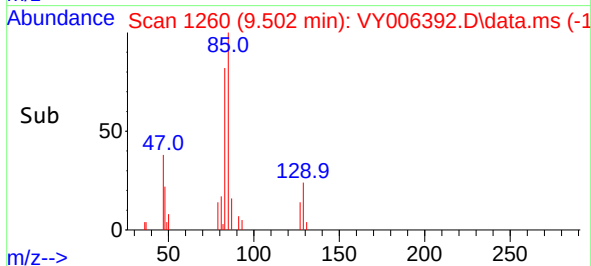
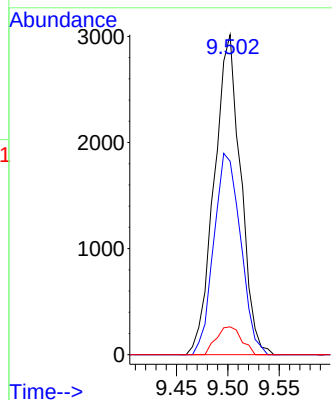
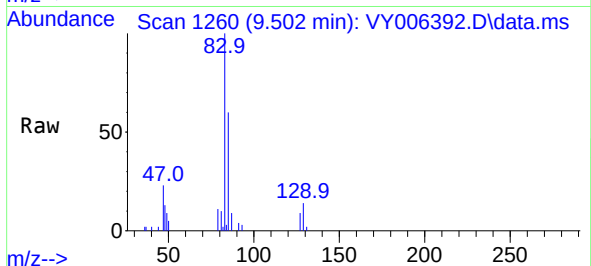




#47  
Bromodichloromethane  
Concen: 2.663 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

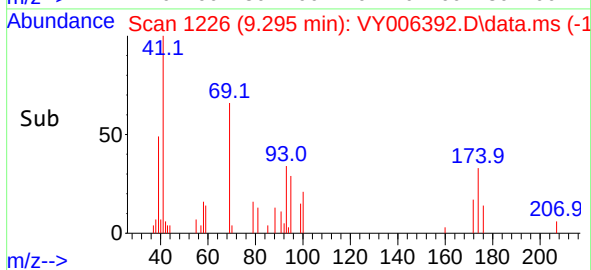
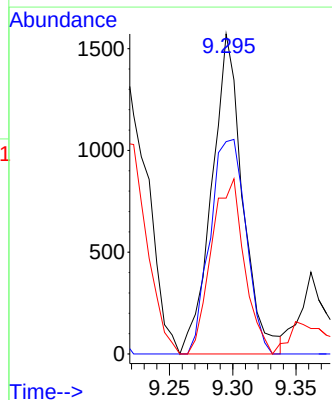
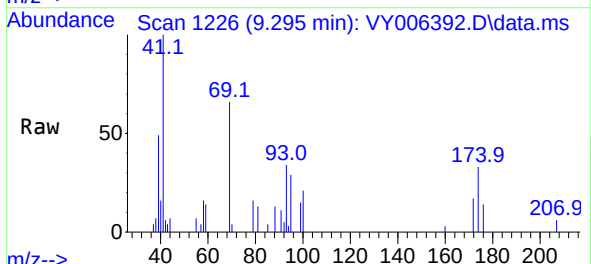
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

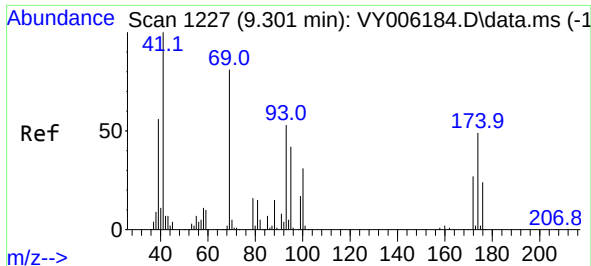
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 5390  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.4  | 51.9  | 77.9  |
| 127      | 8.7   | 6.6   | 10.0  |



#48  
Methyl methacrylate  
Concen: 2.352 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 2665  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 77.8  | 58.2  | 87.2  |
| 39       | 58.4  | 47.4  | 71.0  |

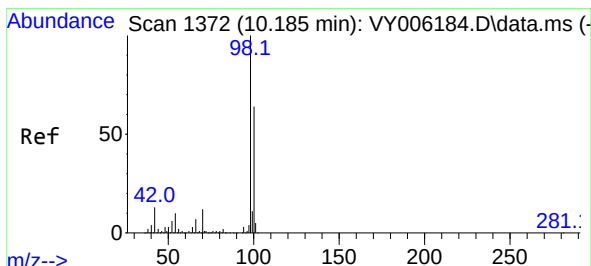
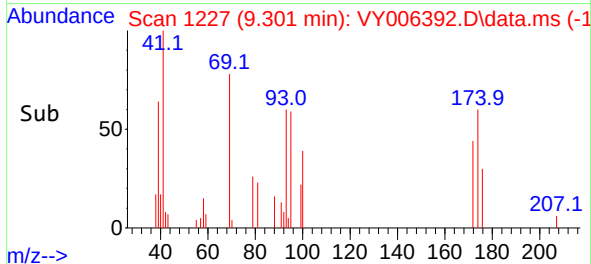
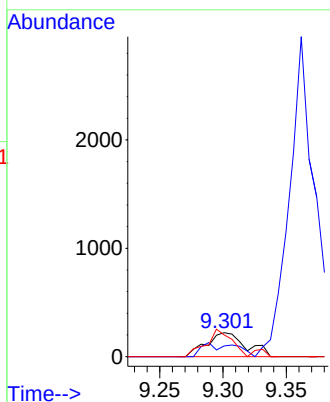
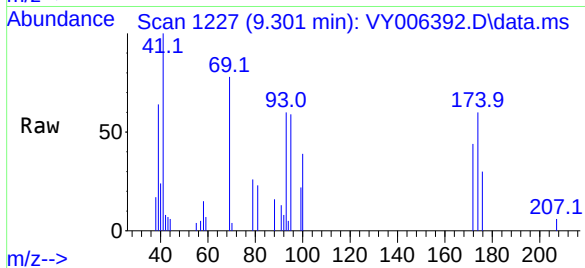




#49  
1,4-Dioxane  
Concen: 46.599 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

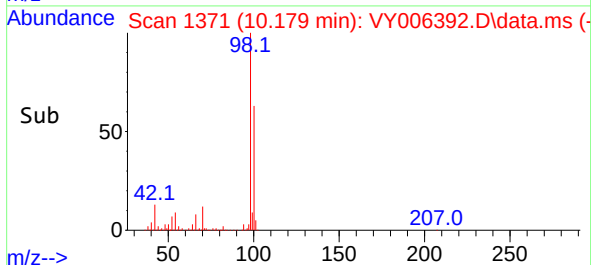
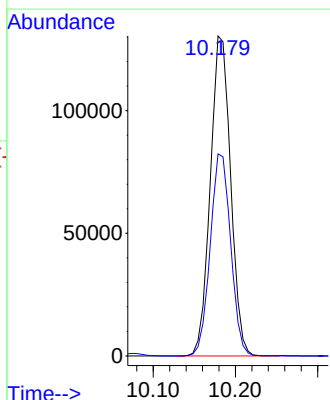
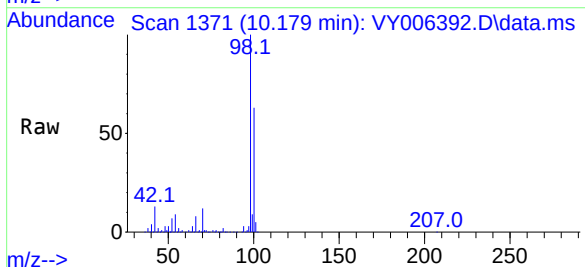
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

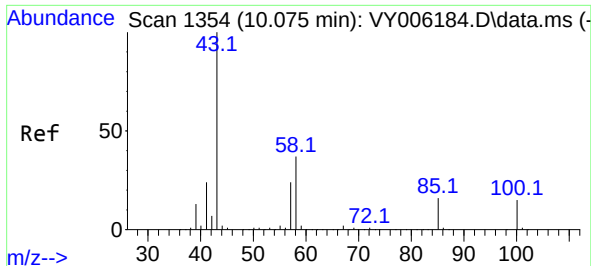
Tgt Ion: 88 Resp: 478  
Ion Ratio Lower Upper  
88 100  
43 0.0 32.8 49.2#  
58 73.6 59.8 89.6



#50  
Toluene-d8  
Concen: 47.181 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 98 Resp: 224153  
Ion Ratio Lower Upper  
98 100  
100 63.5 50.2 75.2

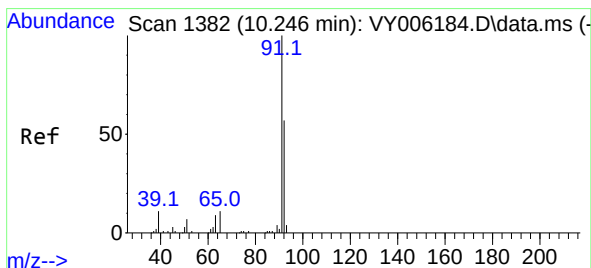
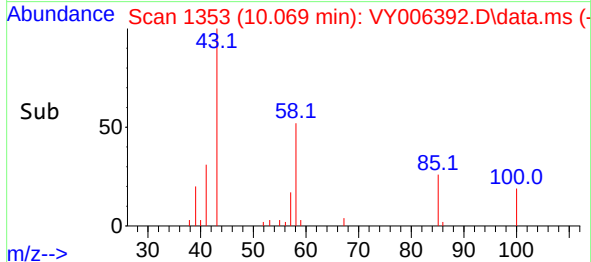
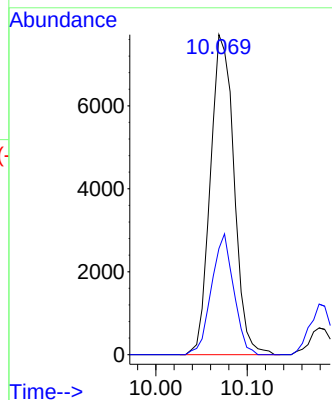
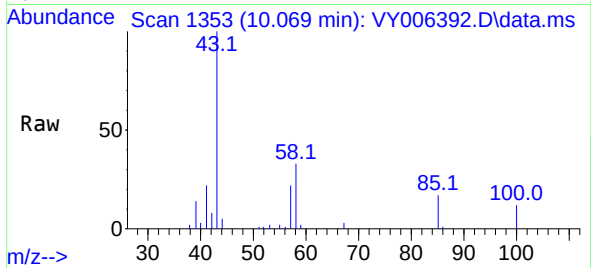




#51  
4-Methyl-2-Pentanone  
Concen: 11.294 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

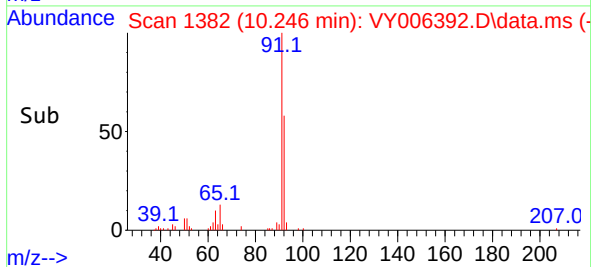
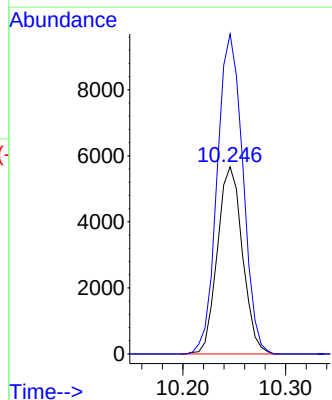
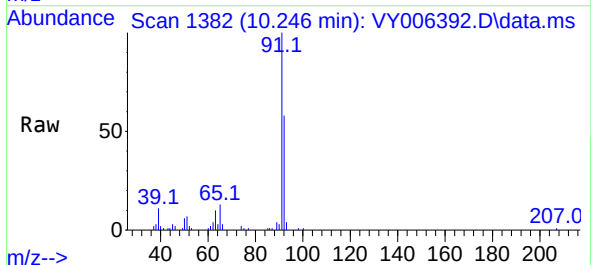
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

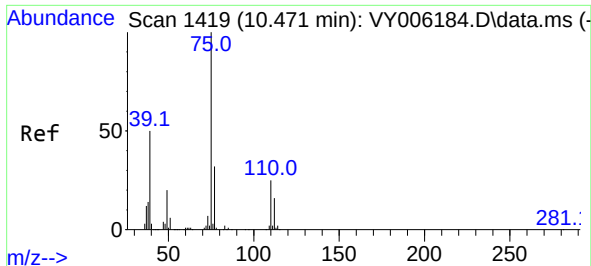
Tgt Ion: 43 Resp: 13851  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.1 42.1



#52  
Toluene  
Concen: 2.576 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 92 Resp: 9583  
Ion Ratio Lower Upper  
92 100  
91 175.4 142.6 213.8

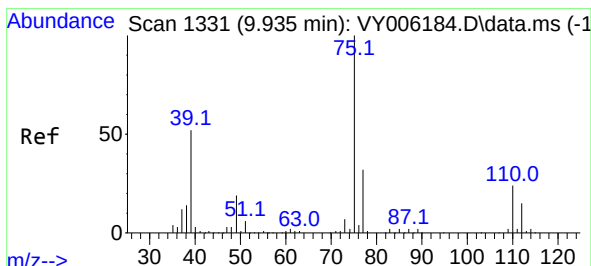
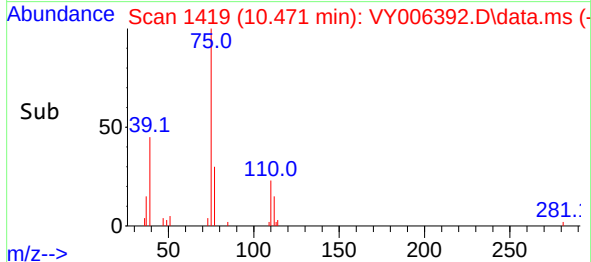
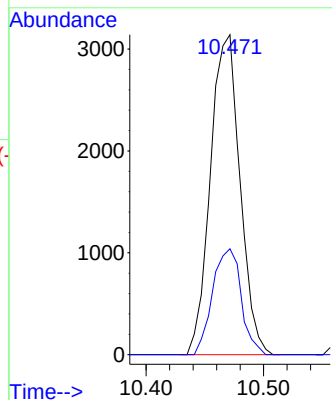
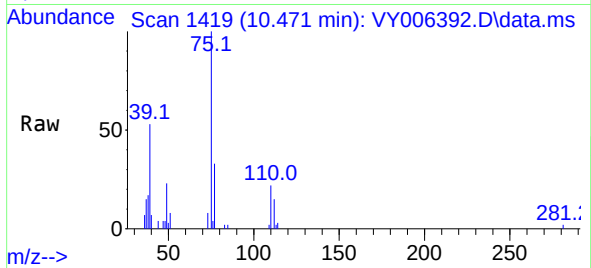




#53  
t-1,3-Dichloropropene  
Concen: 2.490 ug/l  
RT: 10.471 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

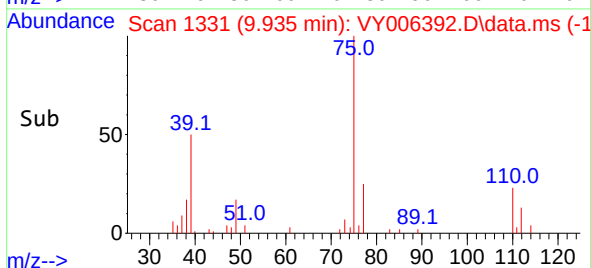
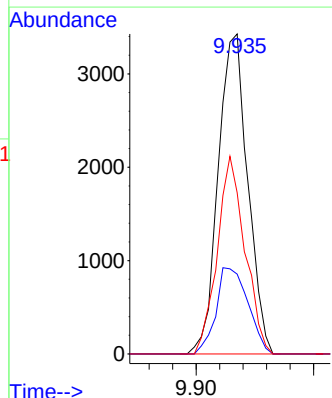
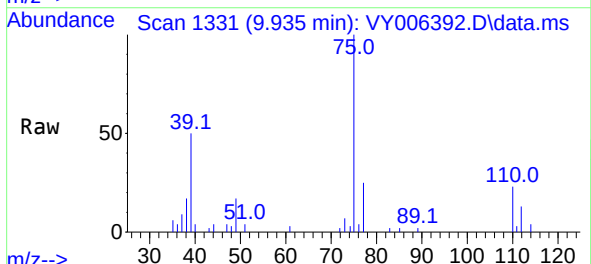
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

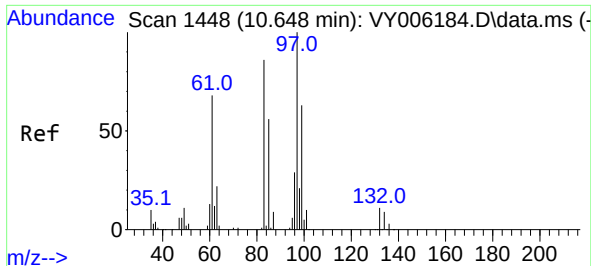
Tgt Ion: 75 Resp: 5495  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 2.465 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 75 Resp: 5981  
Ion Ratio Lower Upper  
75 100  
77 25.0 25.6 38.4#  
39 50.4 47.6 71.4

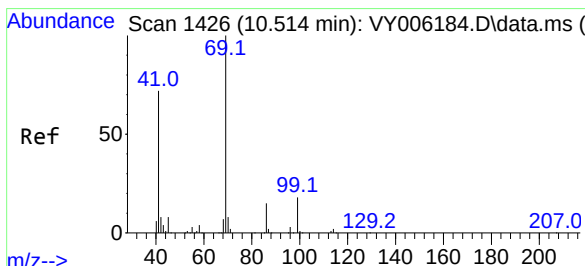
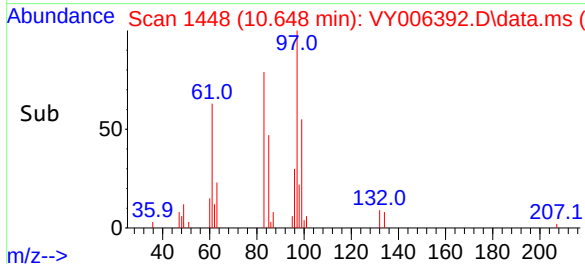
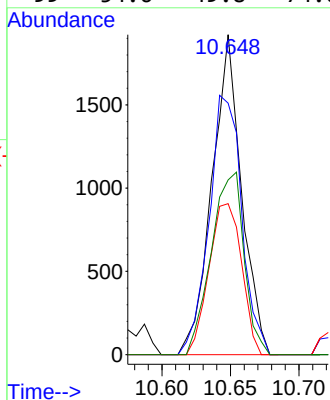
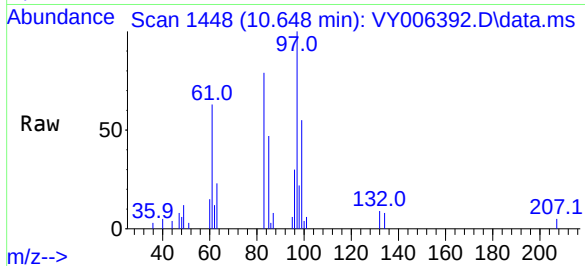




#55  
1,1,2-Trichloroethane  
Concen: 2.604 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

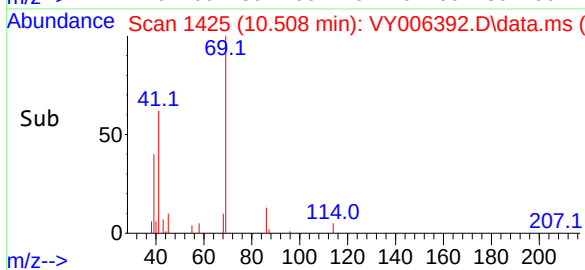
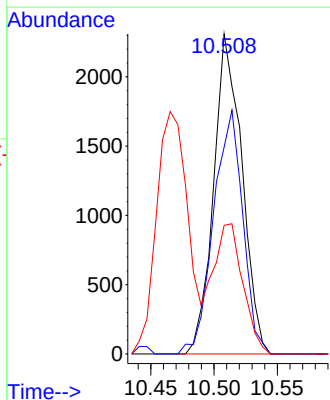
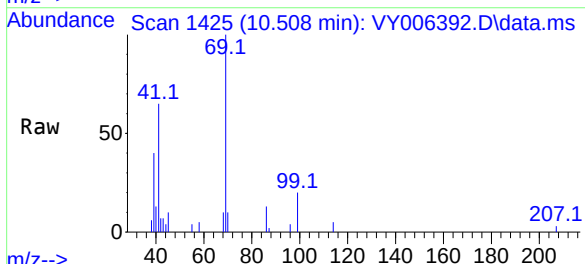
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 2881  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 78.6     | 69.8 104.8  |
| 85 47.2     | 44.3 66.5   |
| 99 54.6     | 49.8 74.6   |

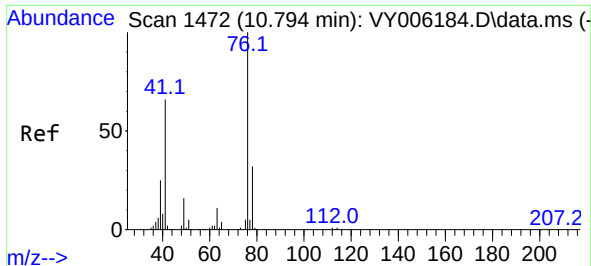


#56  
Ethyl methacrylate  
Concen: 2.134 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 3589  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 78.7     | 63.4 95.0   |
| 39 43.3     | 35.8 53.8   |



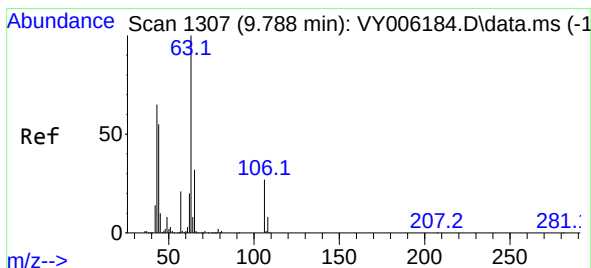
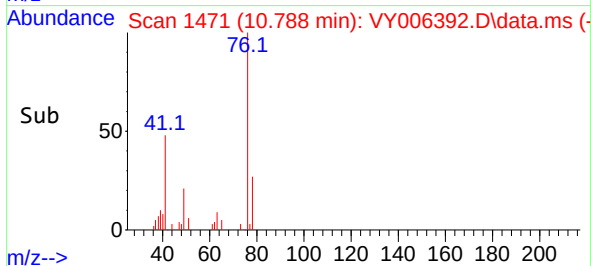
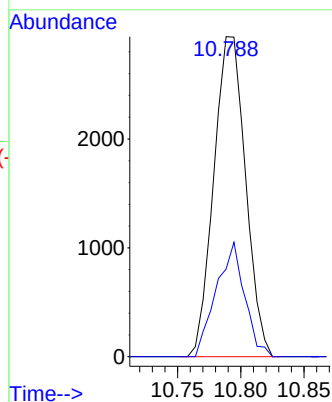
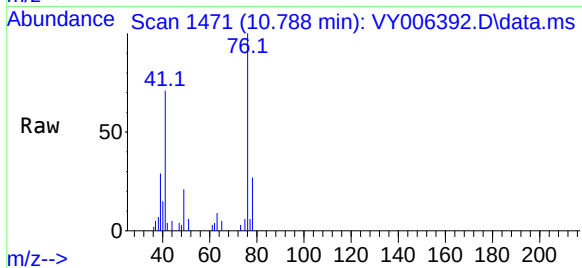




#57  
1,3-Dichloropropane  
Concen: 2.567 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

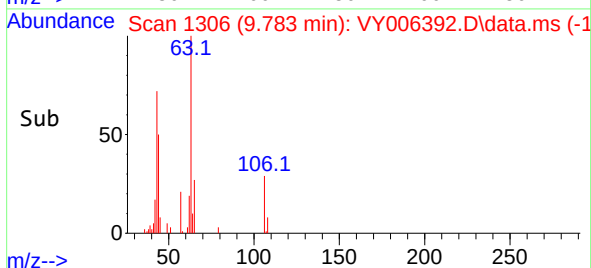
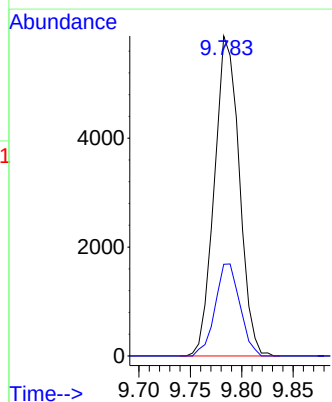
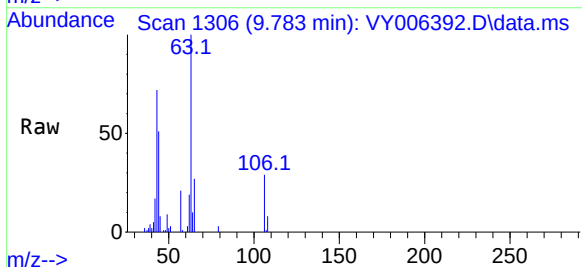
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

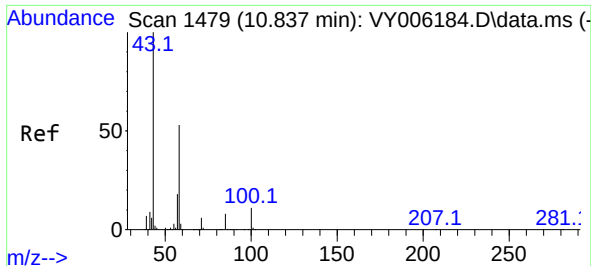
Tgt Ion: 76 Resp: 5139  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 12.002 ug/l  
RT: 9.783 min Scan# 1306  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 63 Resp: 9888  
Ion Ratio Lower Upper  
63 100  
106 28.6 21.5 32.3

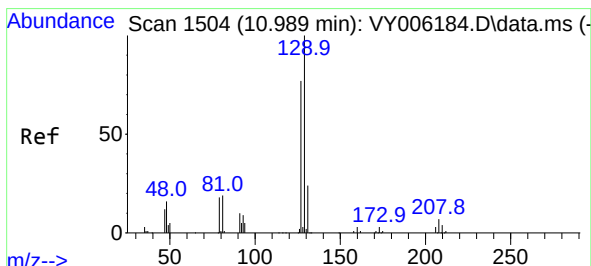
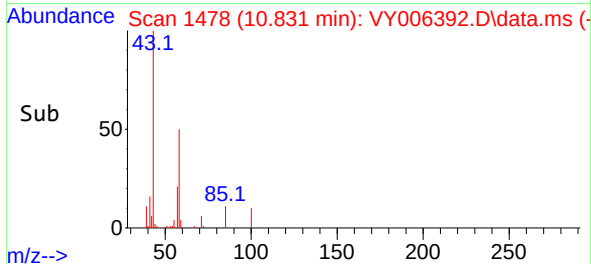
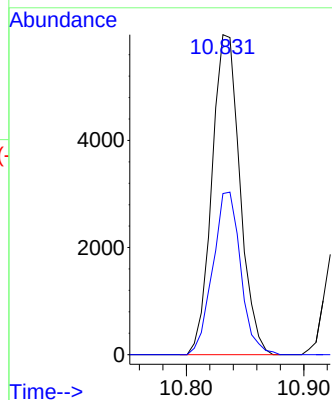
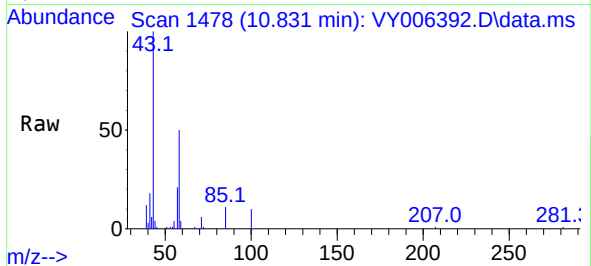




#59  
2-Hexanone  
Concen: 11.321 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

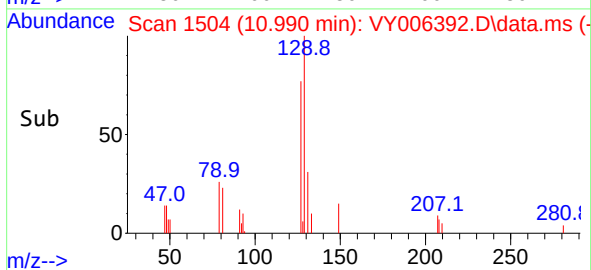
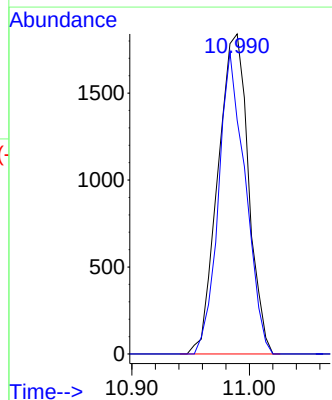
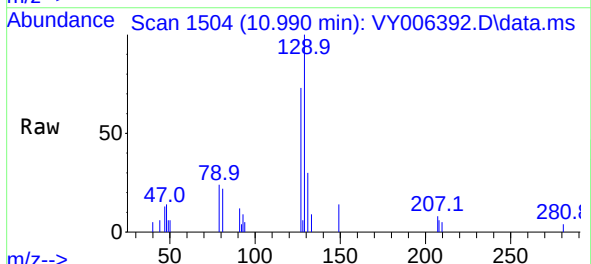
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

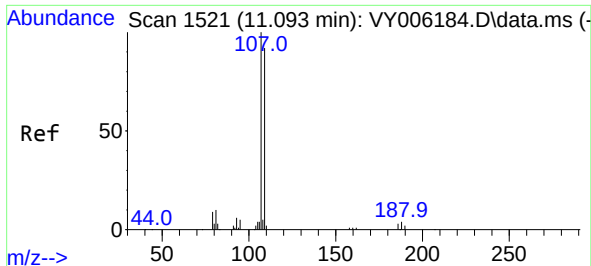
Tgt Ion: 43 Resp: 9889  
Ion Ratio Lower Upper  
43 100  
58 50.6 24.4 73.4



#60  
Dibromochloromethane  
Concen: 2.471 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion:129 Resp: 3321  
Ion Ratio Lower Upper  
129 100  
127 82.8 38.7 116.1

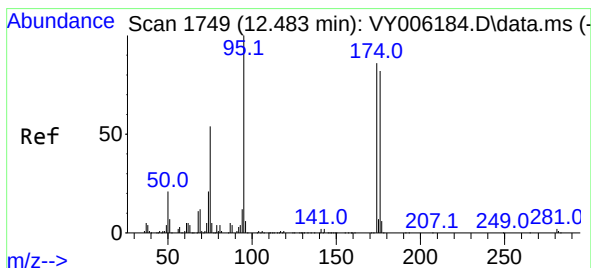
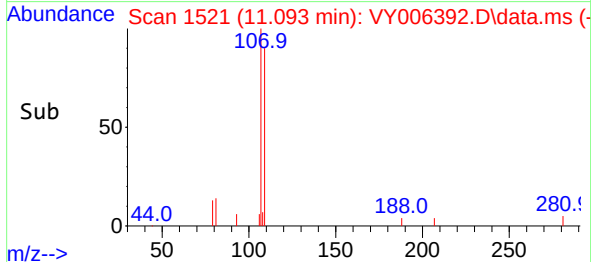
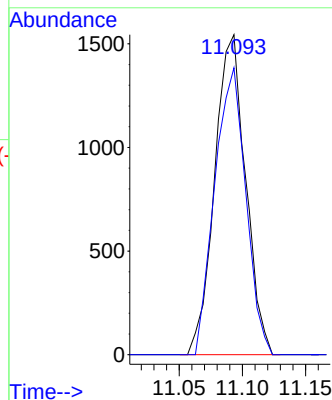
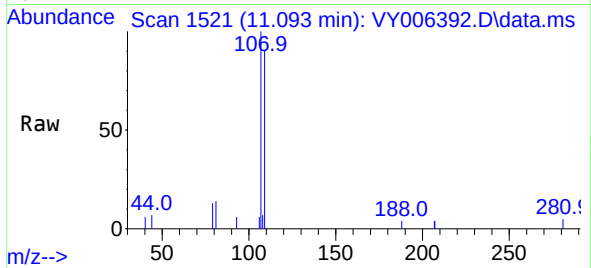




#61  
1,2-Dibromoethane  
Concen: 2.505 ug/l  
RT: 11.093 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

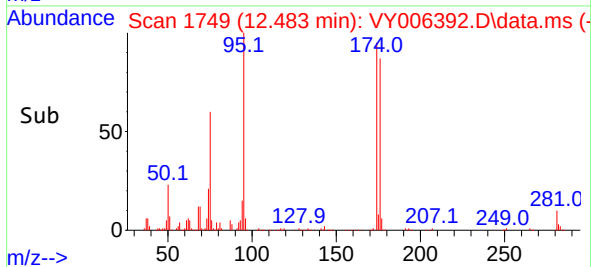
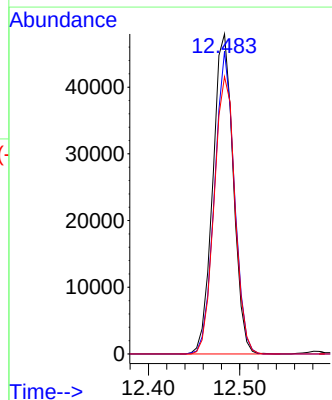
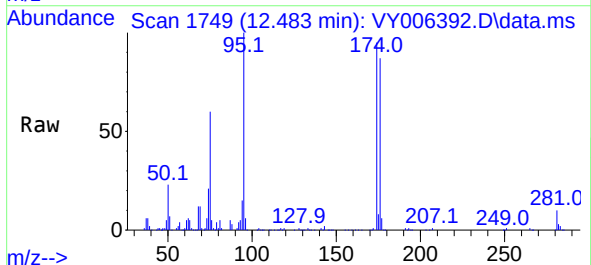
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

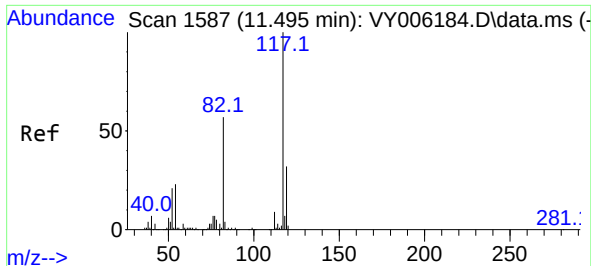
Tgt Ion:107 Resp: 2624  
Ion Ratio Lower Upper  
107 100  
109 89.9 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 46.008 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 95 Resp: 74254  
Ion Ratio Lower Upper  
95 100  
174 91.6 0.0 177.0  
176 88.4 0.0 175.8



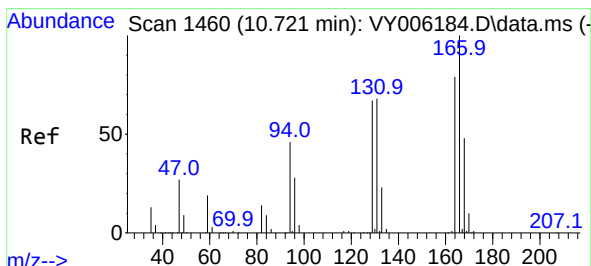
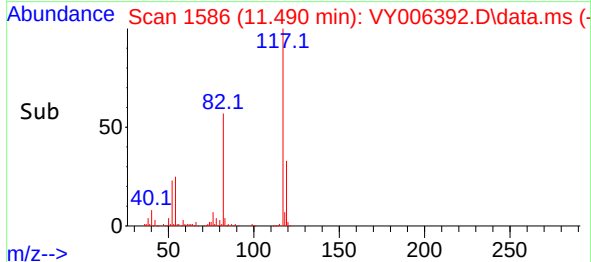
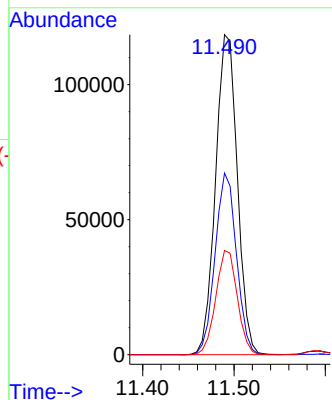
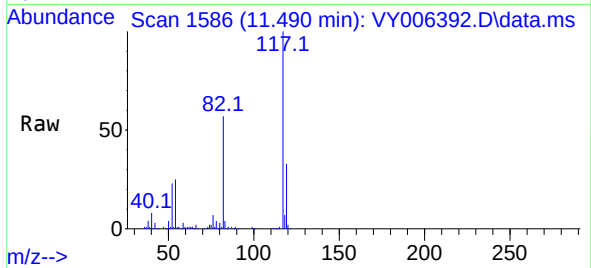


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:117 Resp: 196698

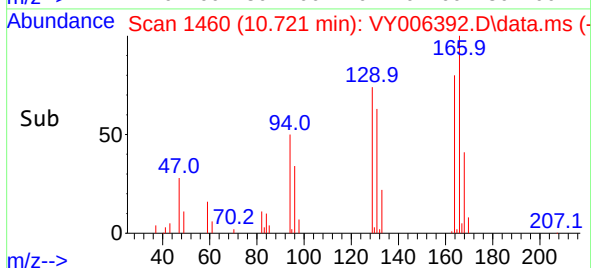
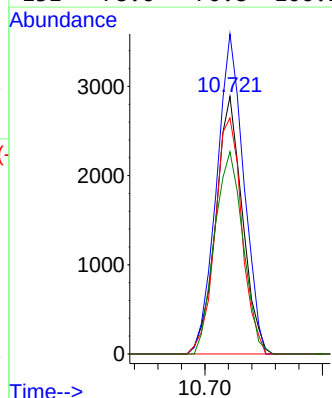
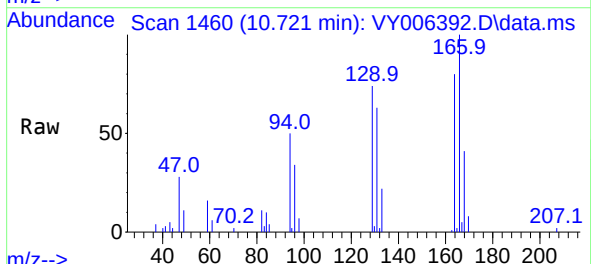
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 56.7  | 43.0  | 64.4  |
| 119 | 32.5  | 25.4  | 38.0  |

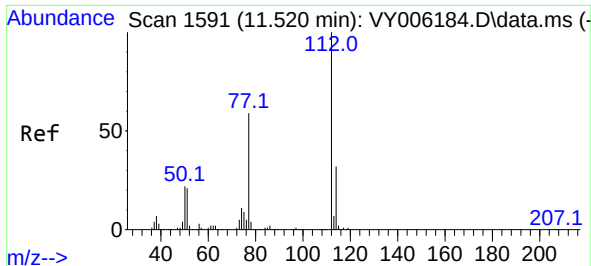


#64  
Tetrachloroethene  
Concen: 2.871 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion:164 Resp: 4548

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 124.3 | 100.4 | 150.6 |
| 129 | 91.7  | 71.4  | 107.0 |
| 131 | 78.6  | 70.8  | 106.2 |

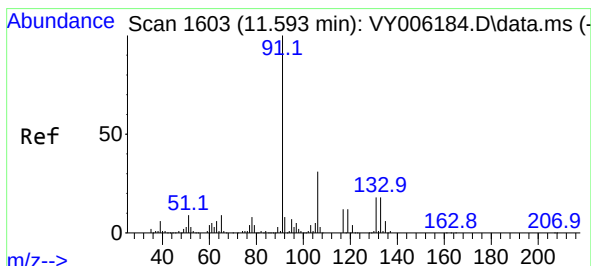
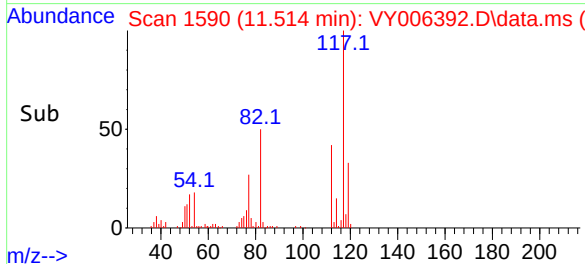
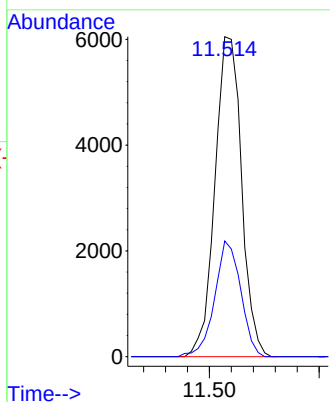
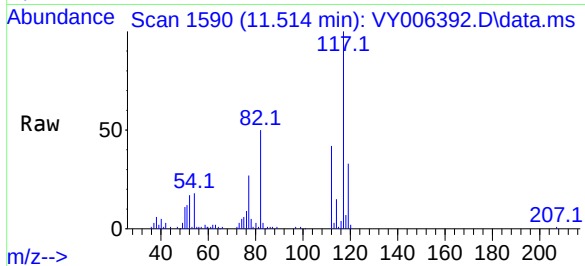




#65  
Chlorobenzene  
Concen: 2.615 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

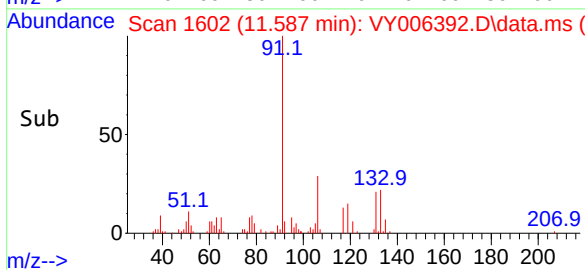
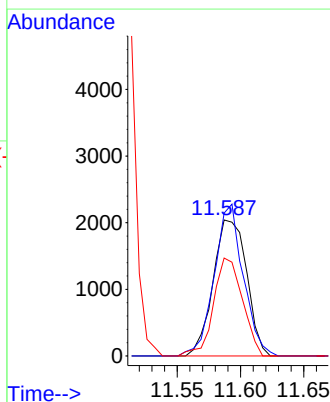
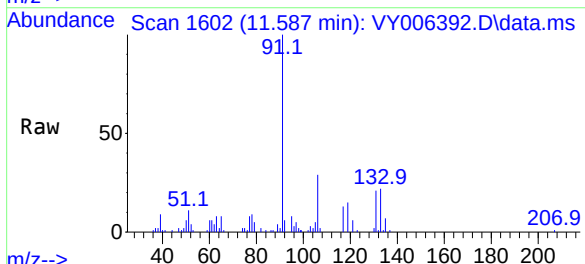
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

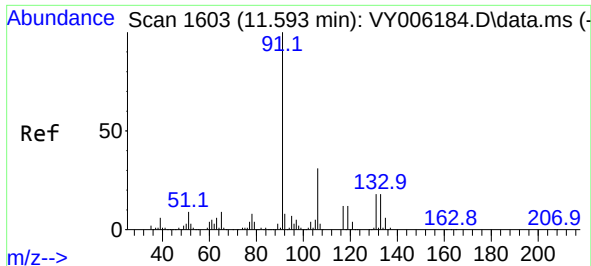
Tgt Ion:112 Resp: 10191  
Ion Ratio Lower Upper  
112 100  
114 36.1 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.615 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion:131 Resp: 3756  
Ion Ratio Lower Upper  
131 100  
133 97.0 47.9 143.6  
119 62.3 30.8 92.3

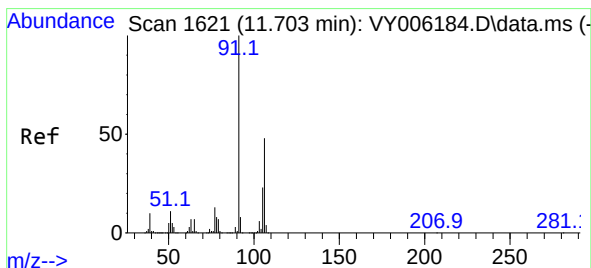
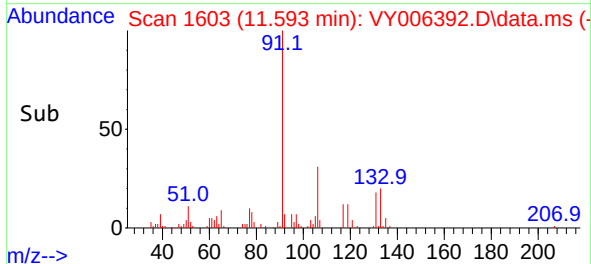
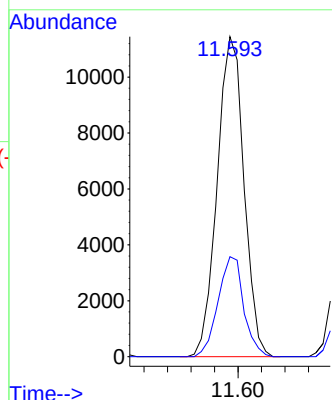
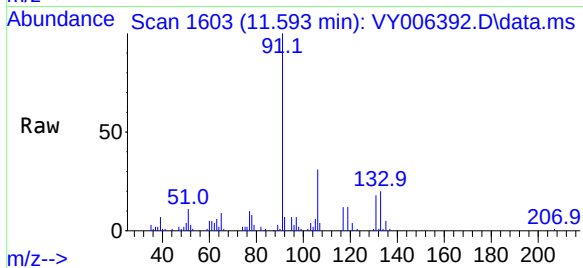




#67  
Ethyl Benzene  
Concen: 2.466 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

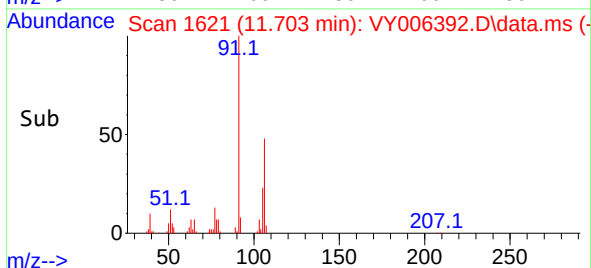
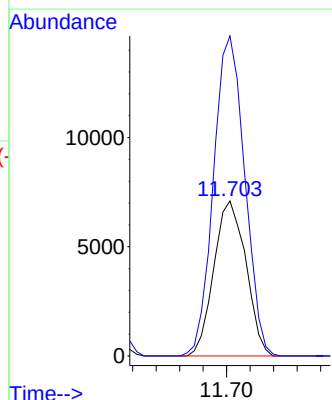
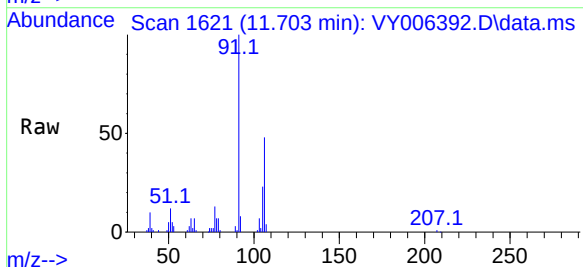
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

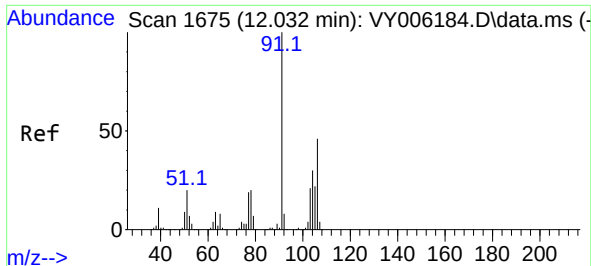
Tgt Ion: 91 Resp: 18119  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.5 36.7



#68  
m/p-Xylenes  
Concen: 4.824 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 106 Resp: 13447  
Ion Ratio Lower Upper  
106 100  
91 201.0 166.6 249.8

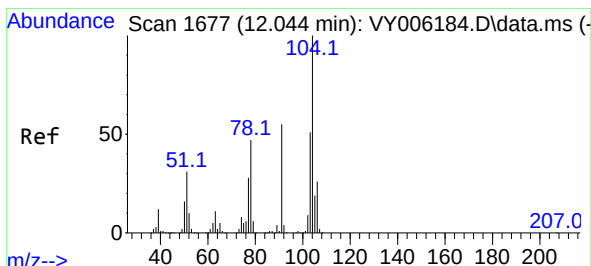
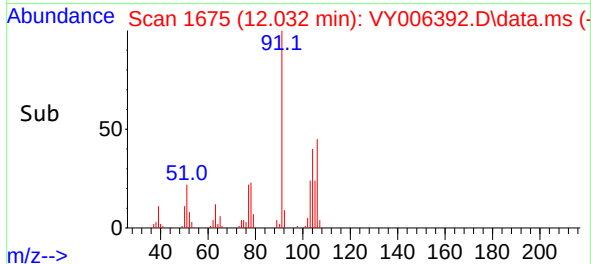
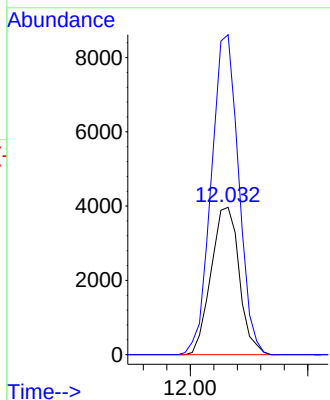
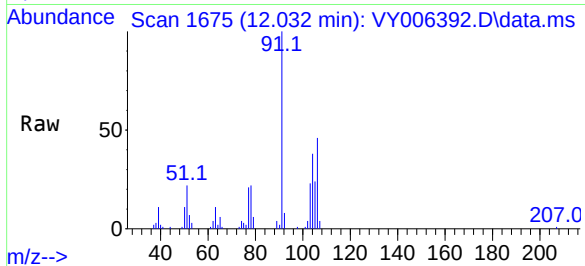




#69  
o-Xylene  
Concen: 2.514 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

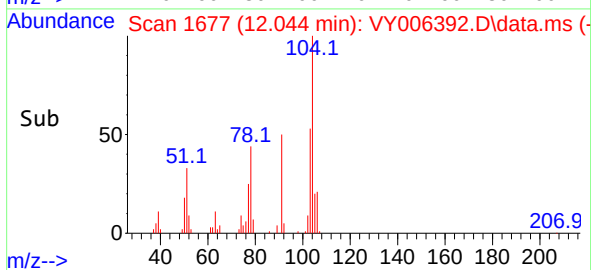
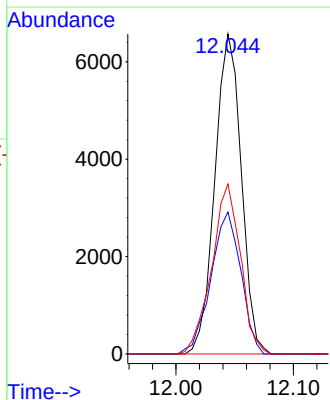
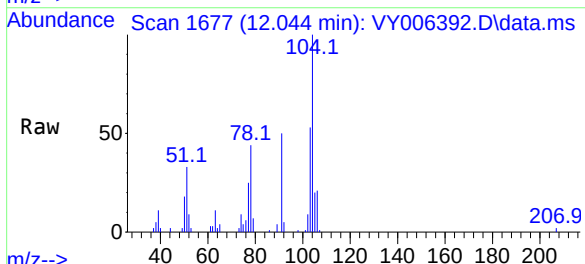
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MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

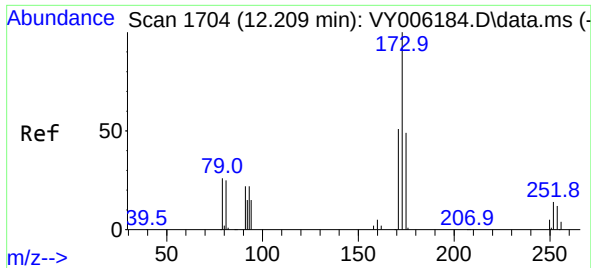
Tgt Ion:106 Resp: 6619  
Ion Ratio Lower Upper  
106 100  
91 210.5 110.3 331.0



#70  
Styrene  
Concen: 2.296 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion:104 Resp: 10267  
Ion Ratio Lower Upper  
104 100  
78 50.2 42.4 63.6  
103 57.8 44.4 66.6

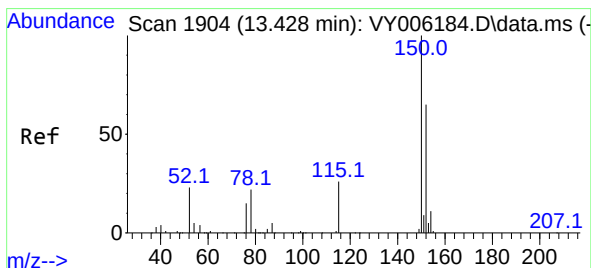
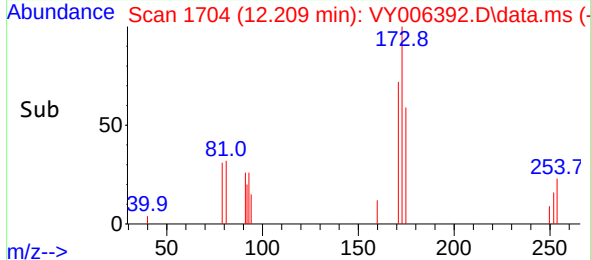
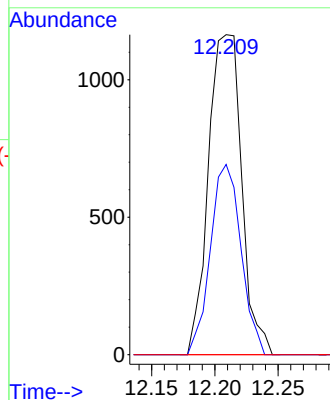
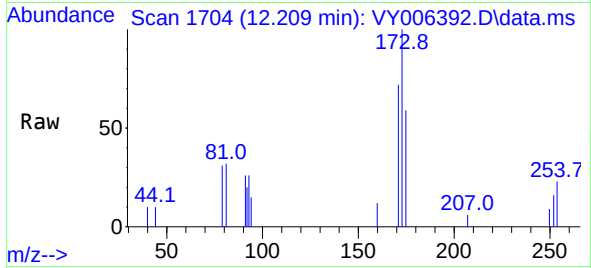




#71  
Bromoform  
Concen: 2.382 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

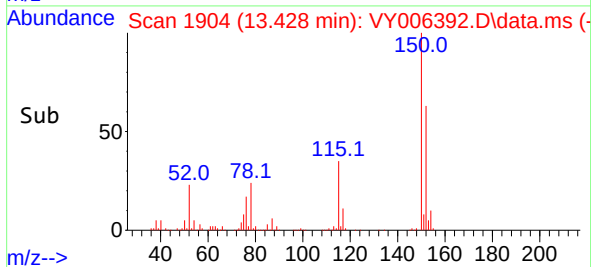
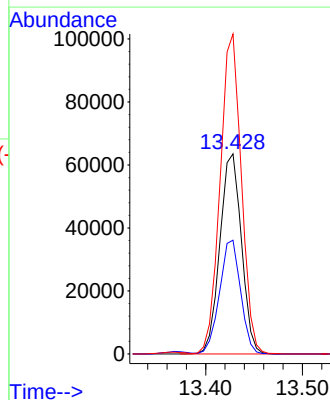
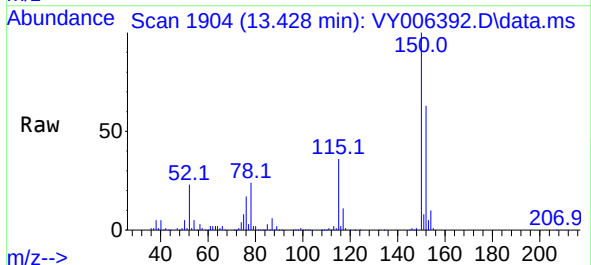
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 2128 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 54.8  | 24.6  | 74.0 |
| 254       | 0.0   | 0.0   | 0.0  |

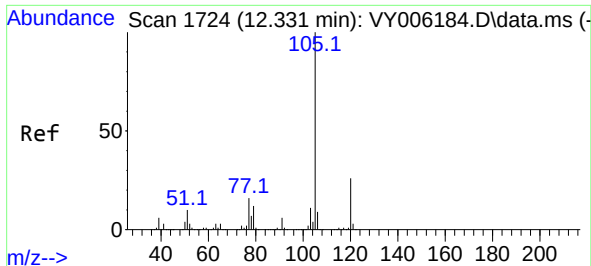


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 98174 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 55.5  | 28.2  | 84.7  |
| 150       | 157.4 | 0.0   | 347.6 |



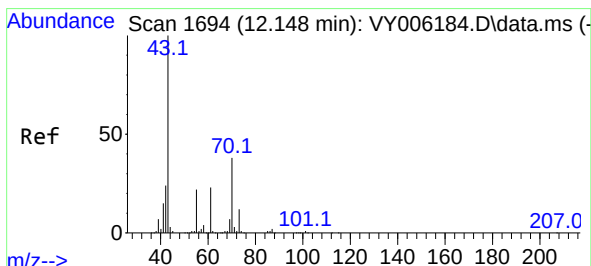
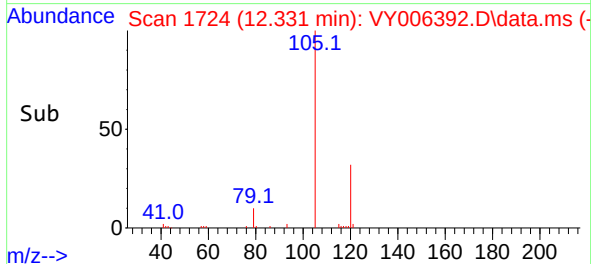
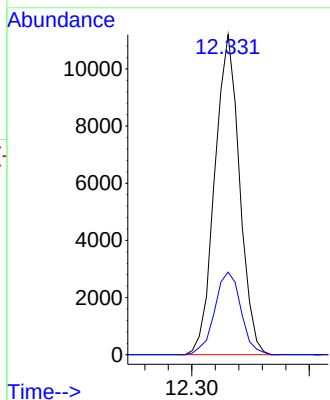
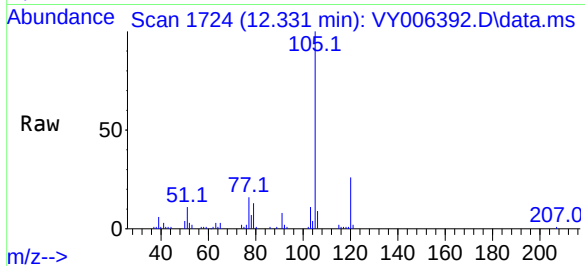




#73  
Isopropylbenzene  
Concen: 2.333 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

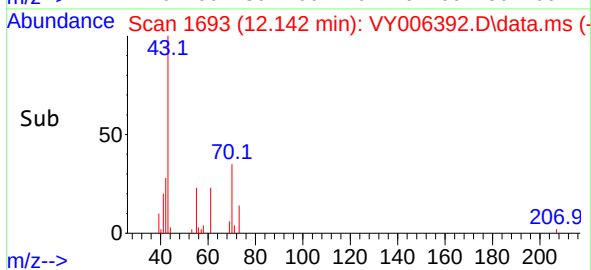
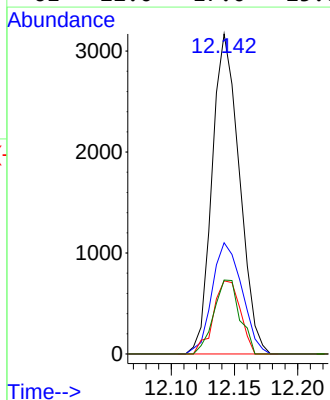
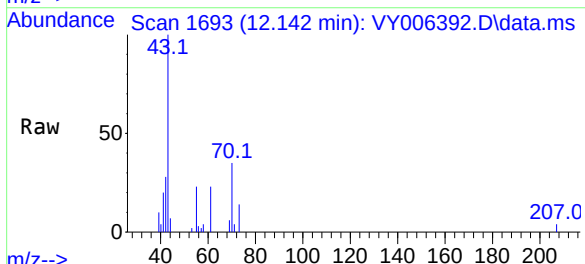
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

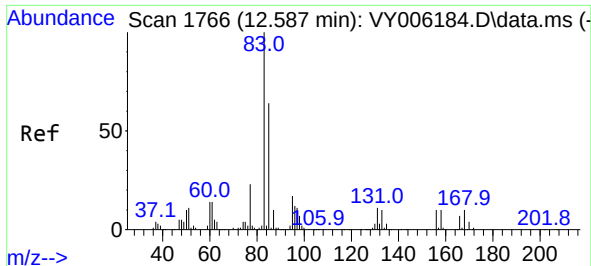
Tgt Ion:105 Resp: 16407  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.4 40.2



#74  
N-ethyl acetate  
Concen: 2.177 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 43 Resp: 4751  
Ion Ratio Lower Upper  
43 100  
70 38.0 28.7 43.1  
55 22.4 17.3 25.9  
61 22.0 17.0 25.6

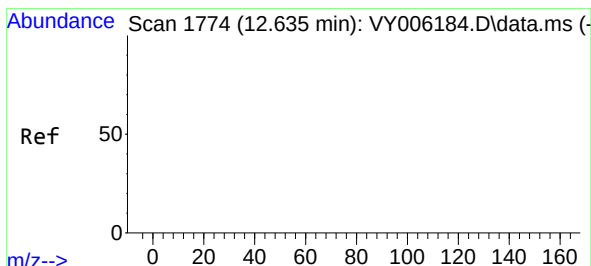
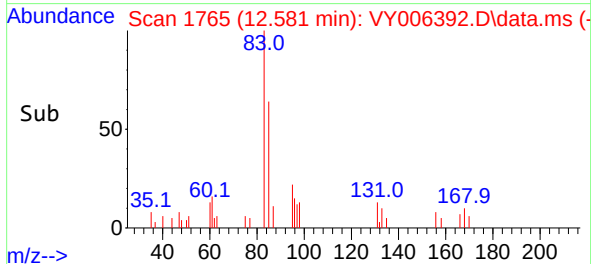
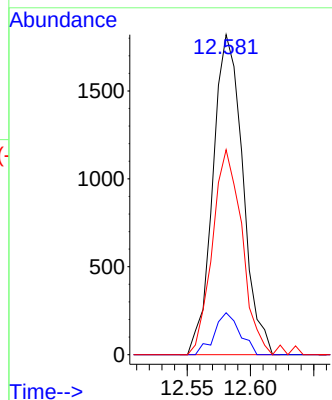
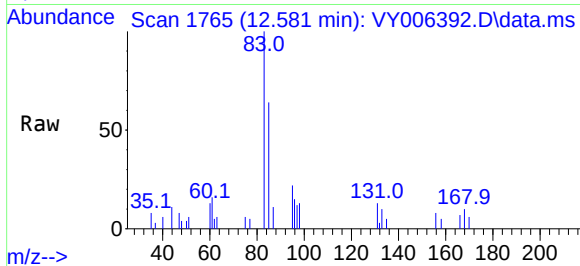




#75  
1,1,2,2-Tetrachloroethane  
Concen: 2.352 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

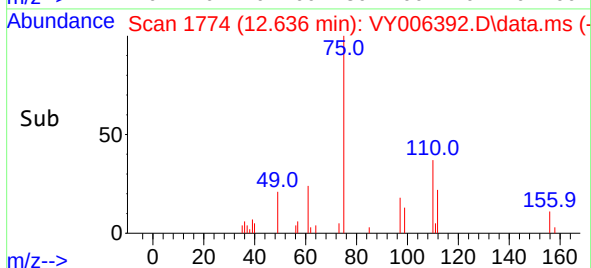
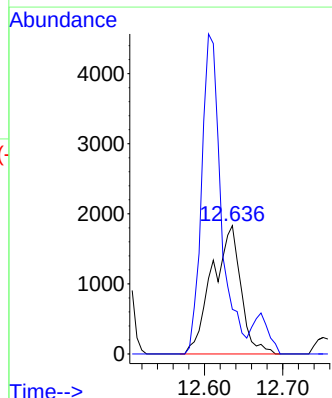
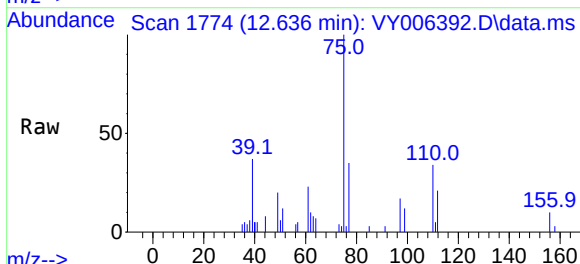
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

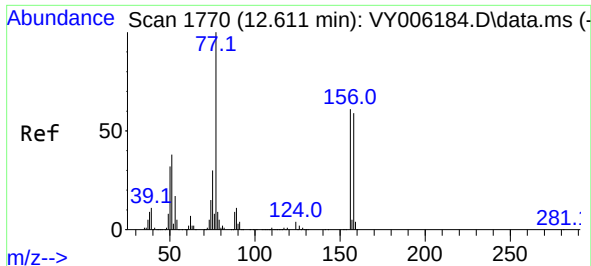
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 2987  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 11.1    | 5.6 16.8    |
| 85 63.2     | 32.3 96.8   |



#76  
1,2,3-Trichloropropane  
Concen: 4.904 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 4679  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 0.0 0.0     |

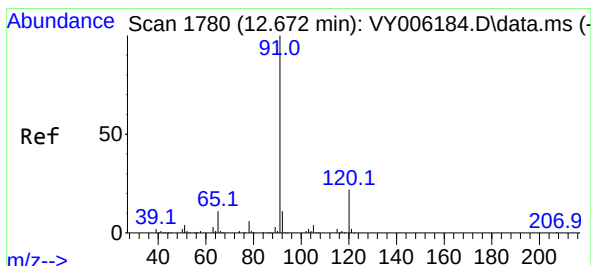
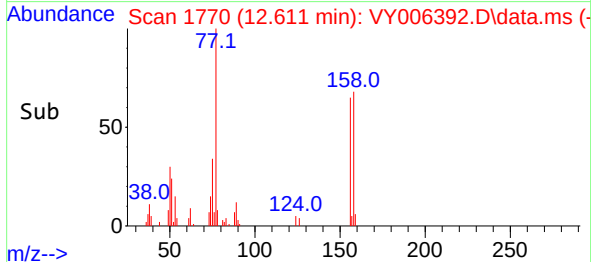
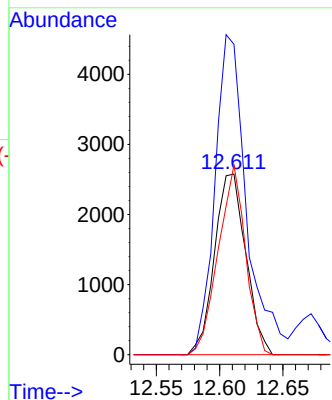
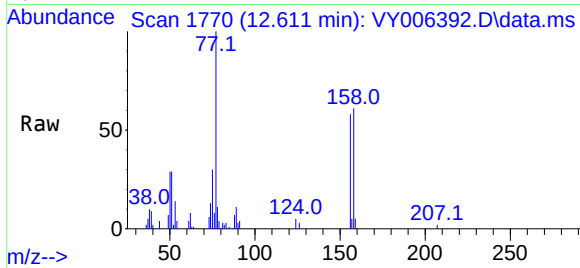




#77  
Bromobenzene  
Concen: 2.689 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

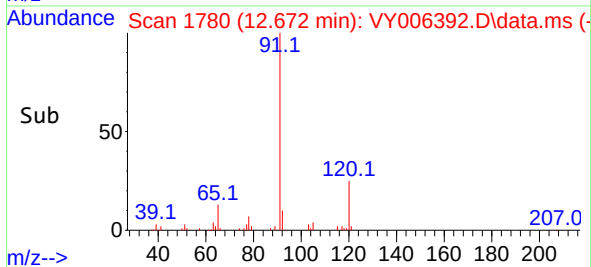
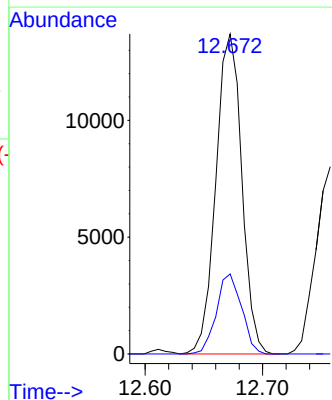
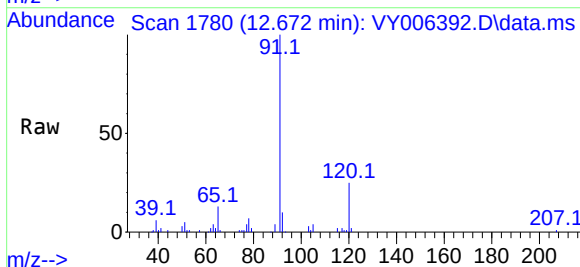
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

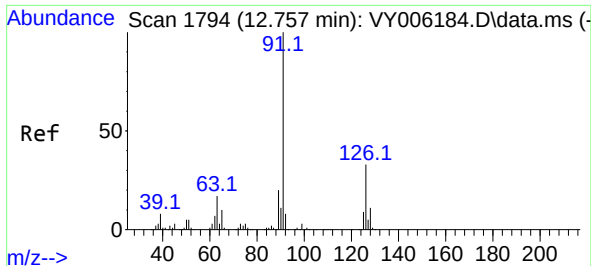
Tgt Ion:156 Resp: 4434  
Ion Ratio Lower Upper  
156 100  
77 178.8 95.5 286.4  
158 91.2 48.0 144.0



#78  
n-propylbenzene  
Concen: 2.422 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 91 Resp: 20966  
Ion Ratio Lower Upper  
91 100  
120 24.3 11.3 33.9

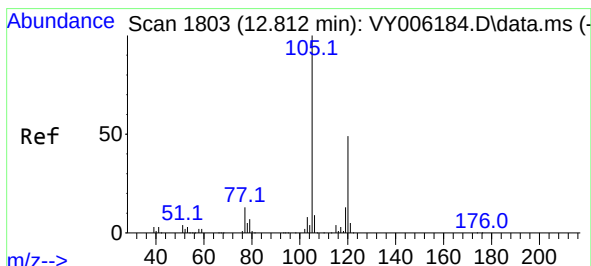
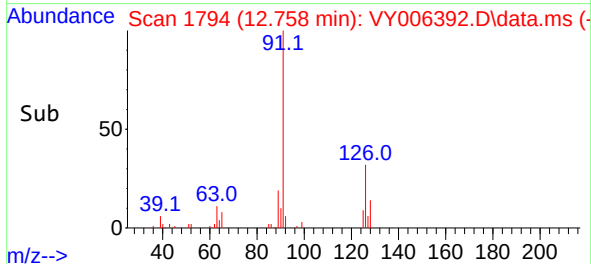
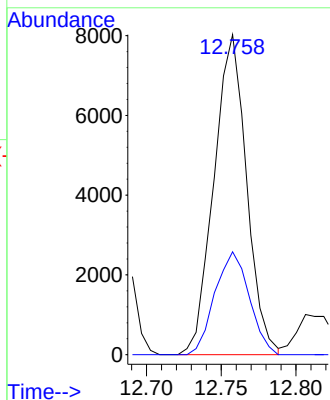
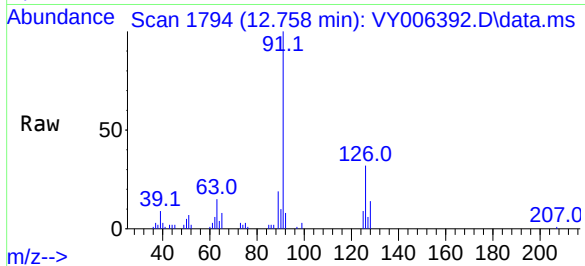




#79  
2-Chlorotoluene  
Concen: 2.548 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

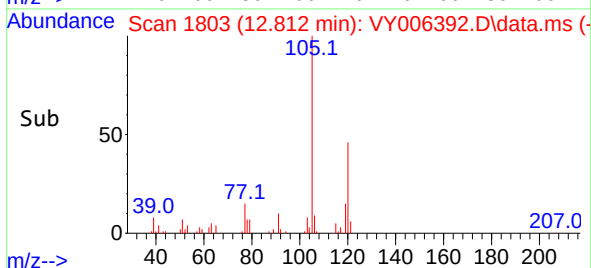
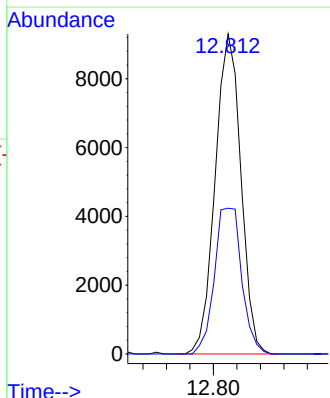
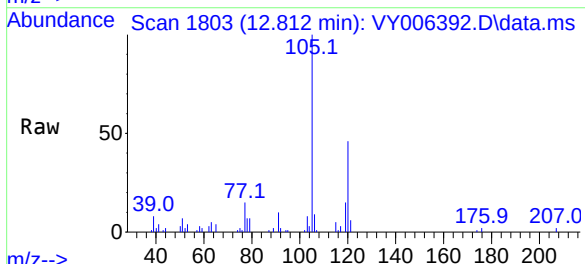
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

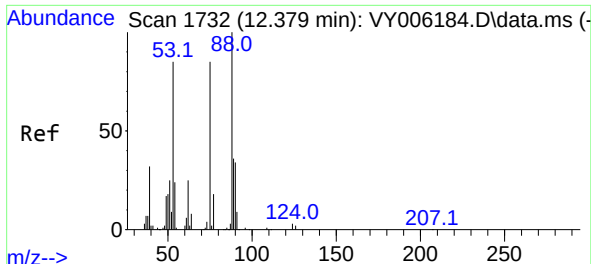
Tgt Ion: 91 Resp: 12203  
Ion Ratio Lower Upper  
91 100  
126 33.7 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 2.403 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 105 Resp: 14130  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.4 73.4

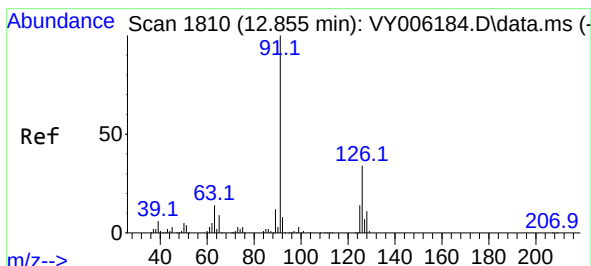
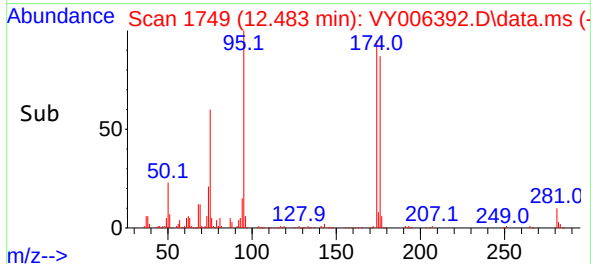
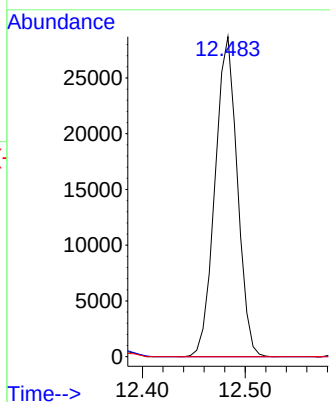
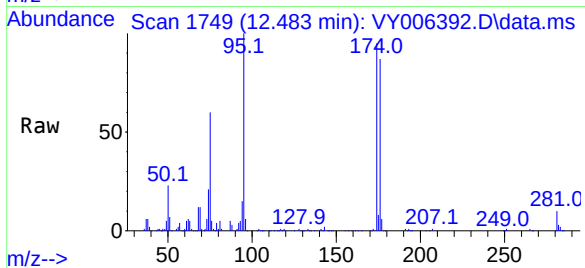




#81  
trans-1,4-Dichloro-2-butene  
Concen: 89.047 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

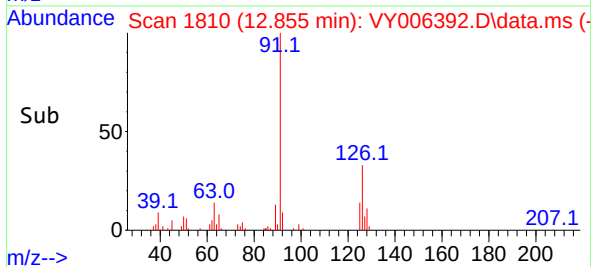
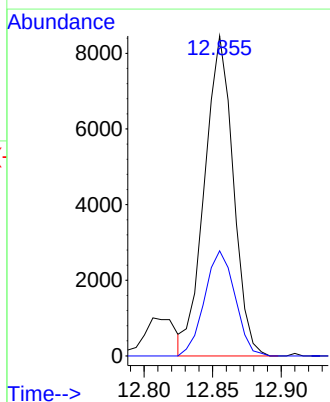
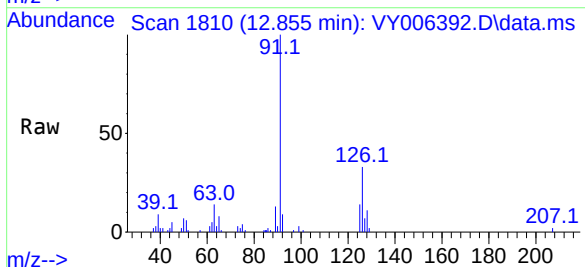
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

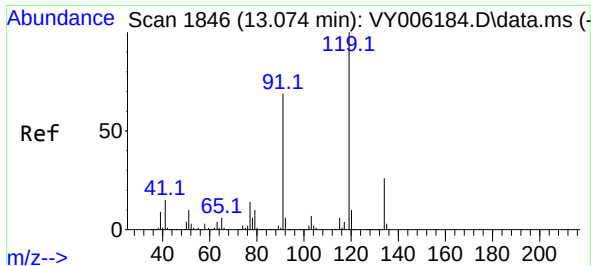
Tgt Ion: 75 Resp: 43238  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.3 127.9#  
89 0.0 37.0 55.4#



#82  
4-Chlorotoluene  
Concen: 2.487 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Tgt Ion: 91 Resp: 12323  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.0 51.0

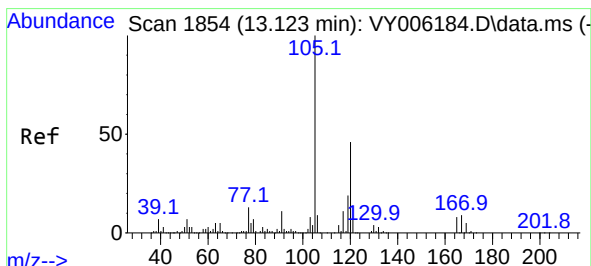
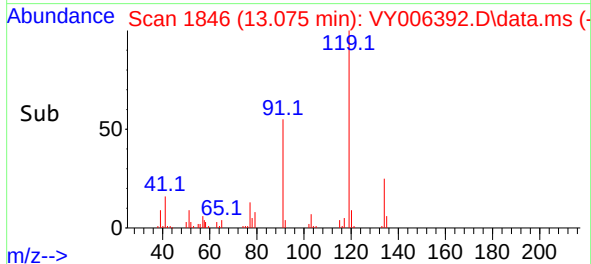
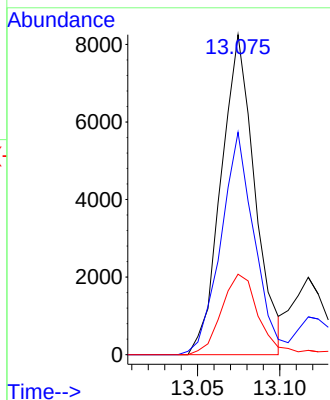
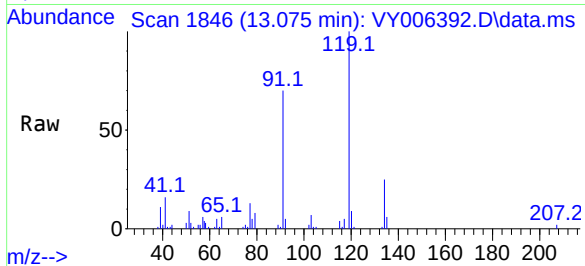




#83  
tert-Butylbenzene  
Concen: 2.347 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

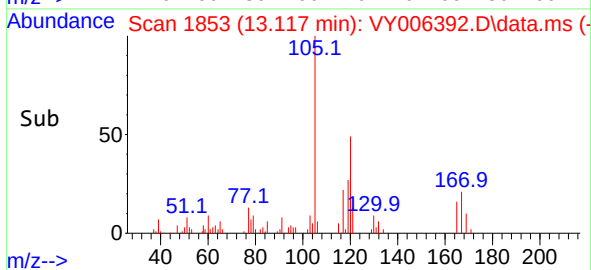
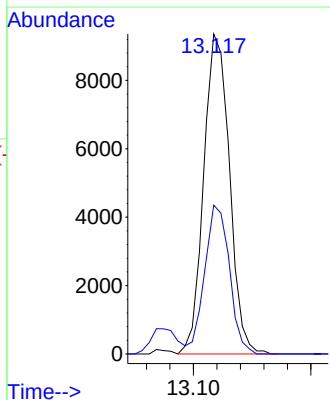
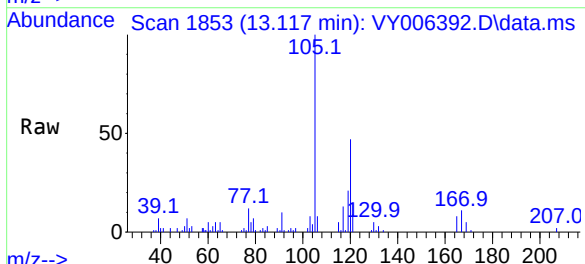
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

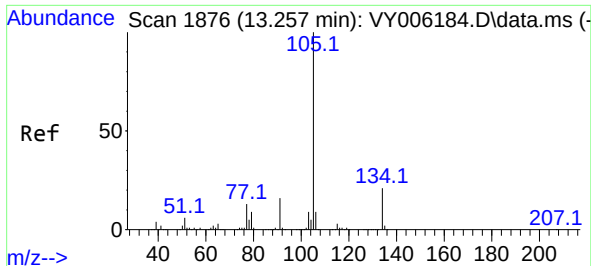
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 11800 |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 69.2  | 34.8  | 104.4 |
| 134      | 28.2  | 13.3  | 39.9  |



#84  
1,2,4-Trimethylbenzene  
Concen: 2.458 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 14273 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 44.7  | 22.3  | 66.9  |

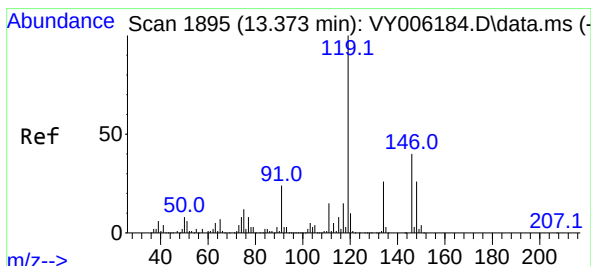
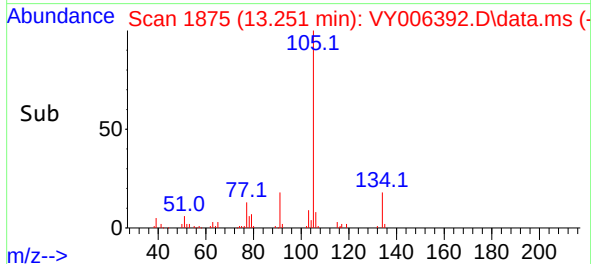
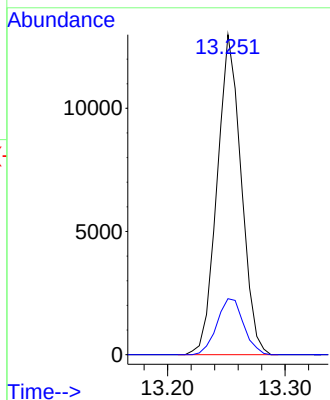
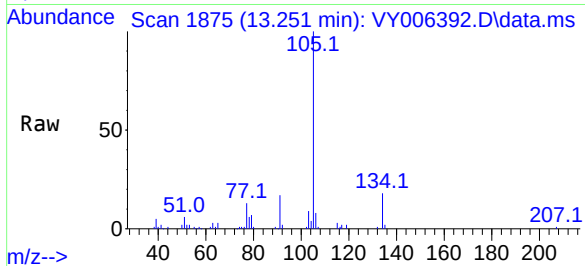




#85  
 sec-Butylbenzene  
 Concen: 2.435 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.006 min  
 Lab File: VY006392.D  
 Acq: 14 Oct 2021 12:55

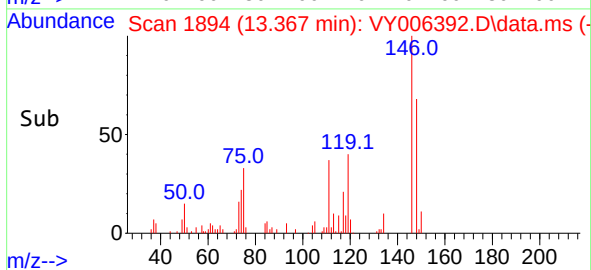
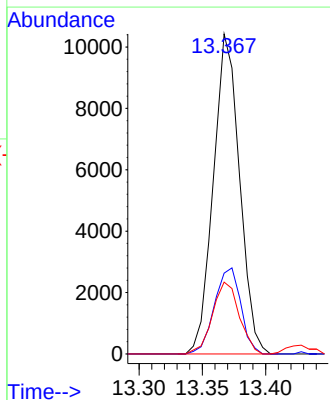
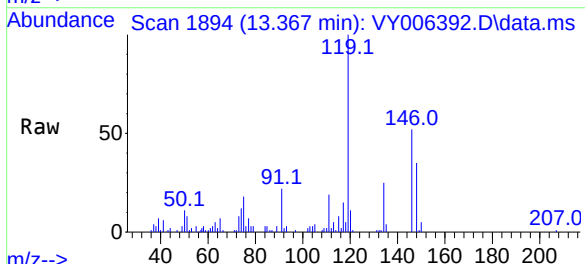
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2021

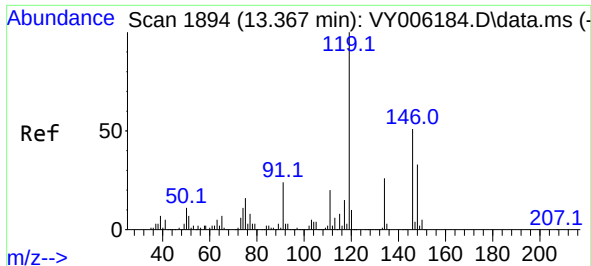
Tgt Ion:105 Resp: 18496  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 2.339 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.006 min  
 Lab File: VY006392.D  
 Acq: 14 Oct 2021 12:55

Tgt Ion:119 Resp: 14997  
 Ion Ratio Lower Upper  
 119 100  
 134 27.0 13.2 39.5  
 91 22.9 12.4 37.2

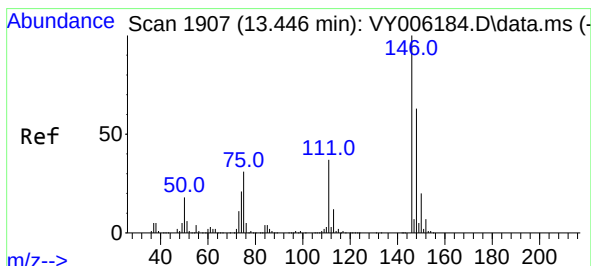
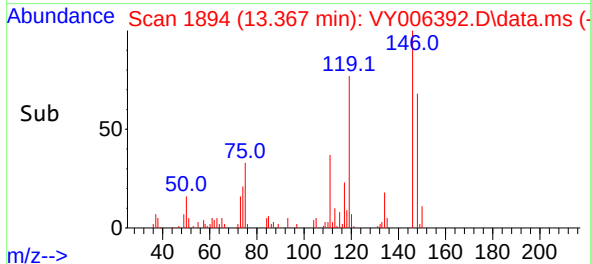
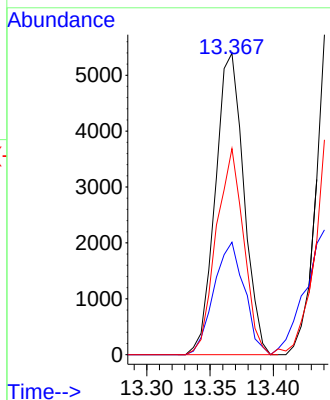
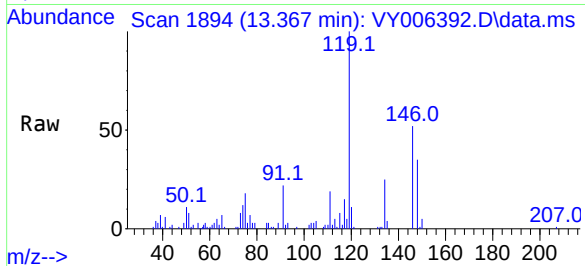




#87  
1,3-Dichlorobenzene  
Concen: 2.577 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

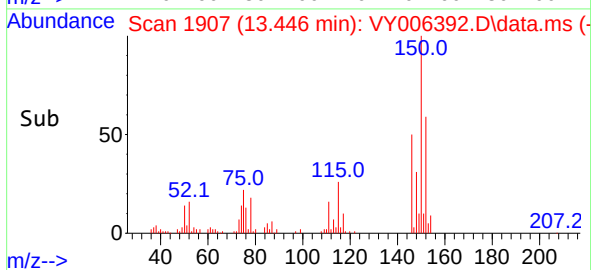
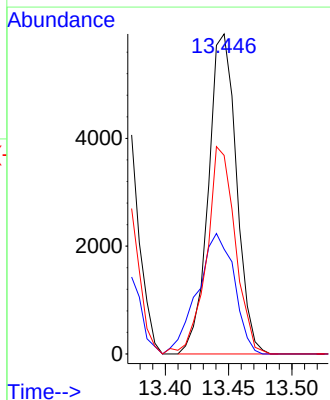
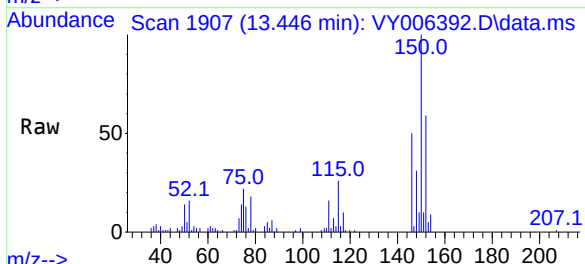
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 8417  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.1  | 19.5  | 58.5  |
| 148      | 66.2  | 31.6  | 95.0  |

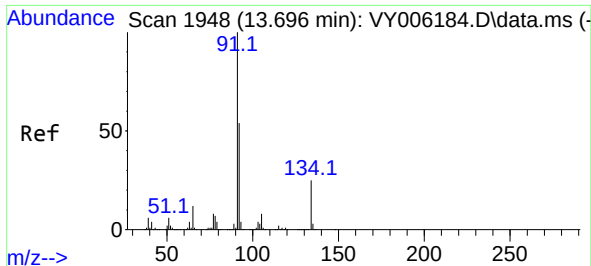


#88  
1,4-Dichlorobenzene  
Concen: 2.839 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 9146  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 49.2  | 19.3  | 57.8  |
| 148      | 66.2  | 32.6  | 97.8  |



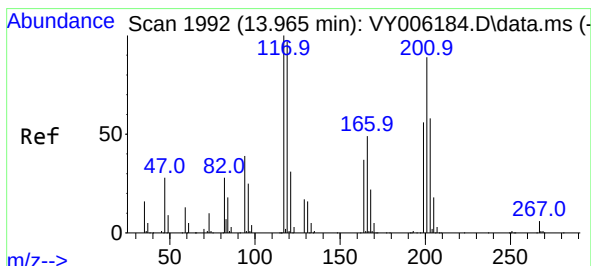
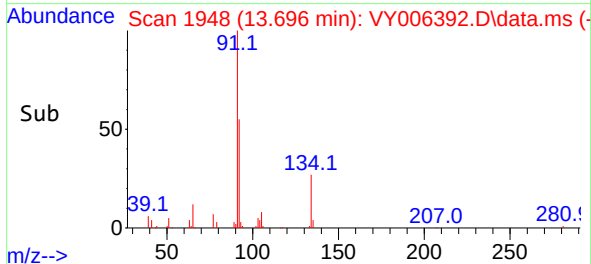
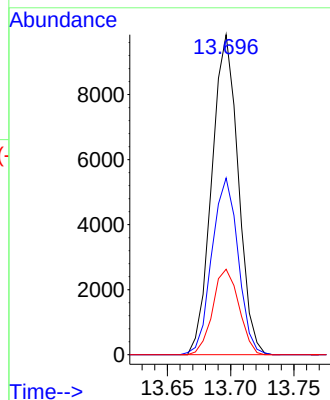
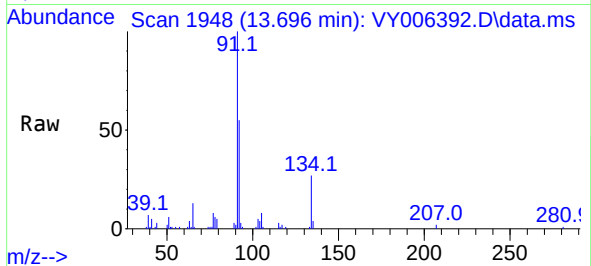




#89  
n-Butylbenzene  
Concen: 2.344 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

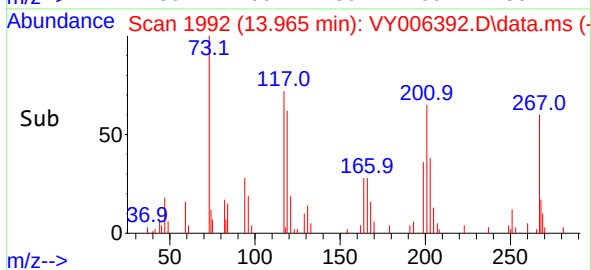
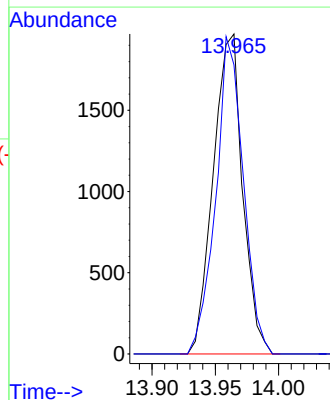
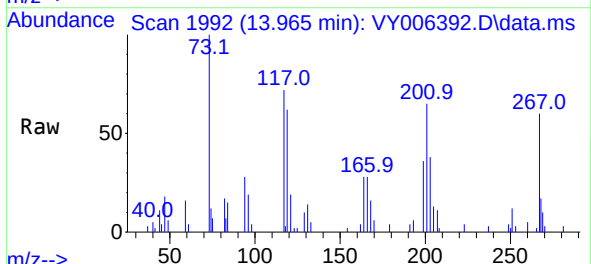
Instrument :  
MSVOA\_Y  
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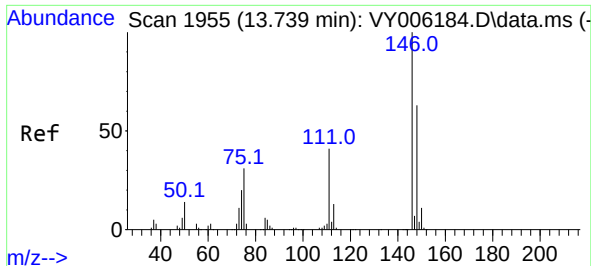
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 14281 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 54.9  | 26.3  | 78.9  |
| 134      | 26.6  | 13.0  | 38.9  |



#90  
Hexachloroethane  
Concen: 2.729 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 3177  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 93.0  | 43.0  | 128.8 |

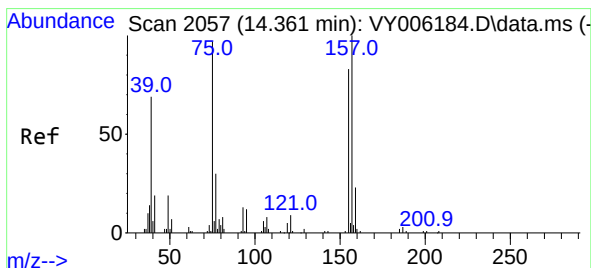
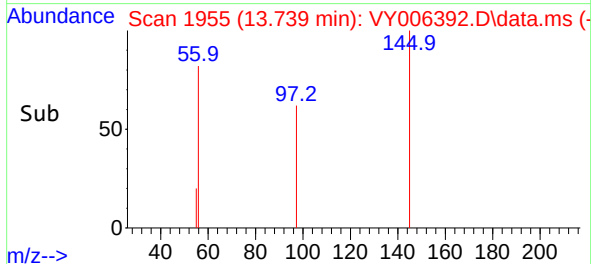
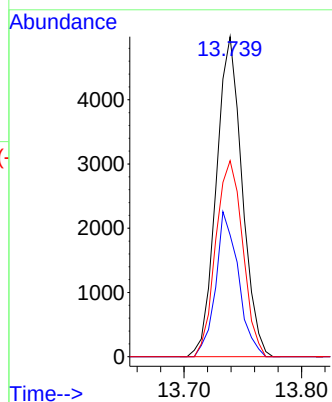
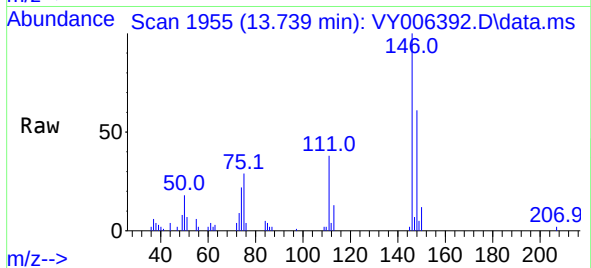




#91  
1,2-Dichlorobenzene  
Concen: 2.665 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

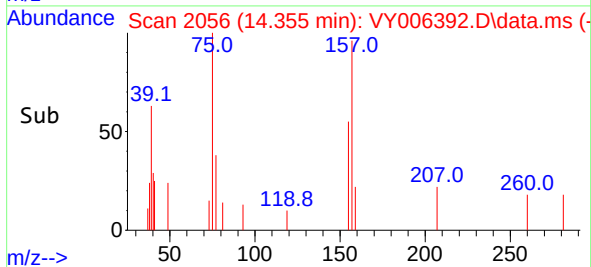
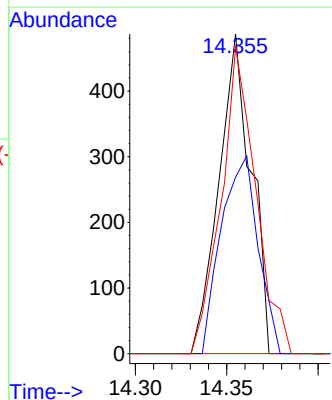
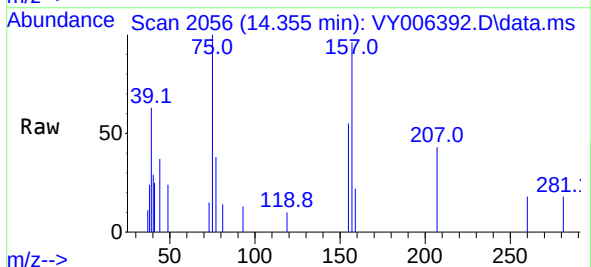
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

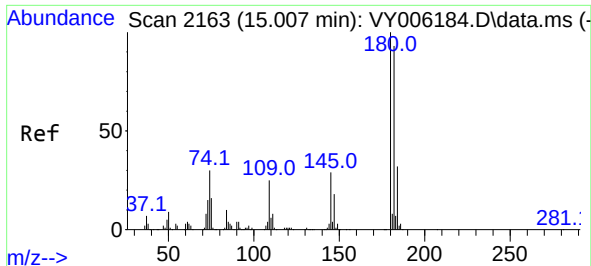
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 7613 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 39.9  | 20.3  | 60.9 |
| 148       | 63.9  | 32.3  | 96.9 |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.467 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 597   |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 70.9  | 38.0  | 113.9 |
| 157       | 103.2 | 47.8  | 143.3 |

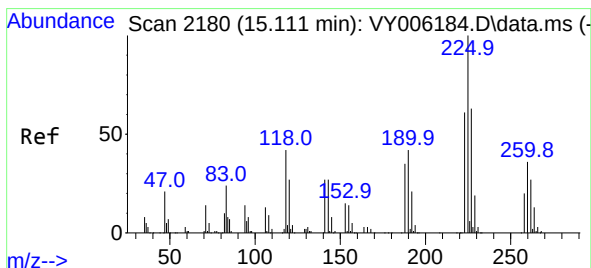
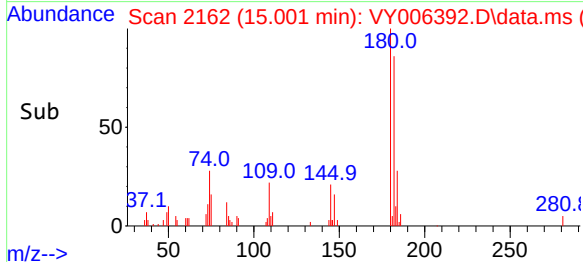
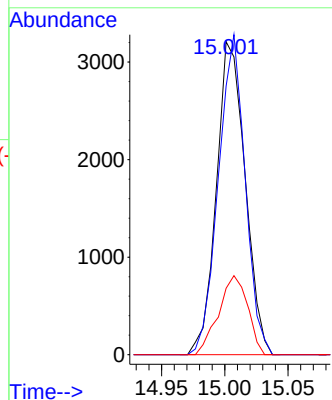
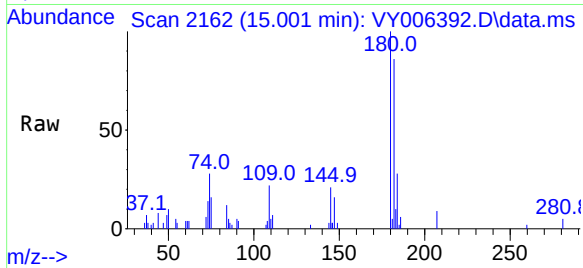




#93  
1,2,4-Trichlorobenzene  
Concen: 2.682 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

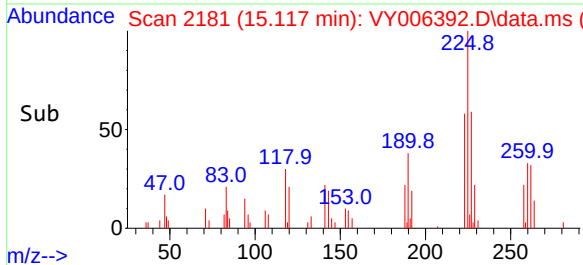
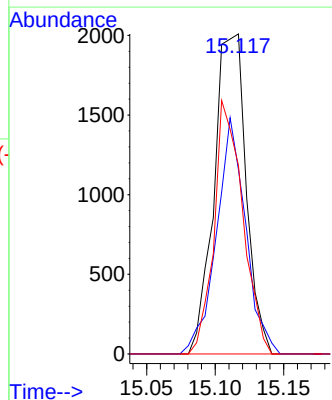
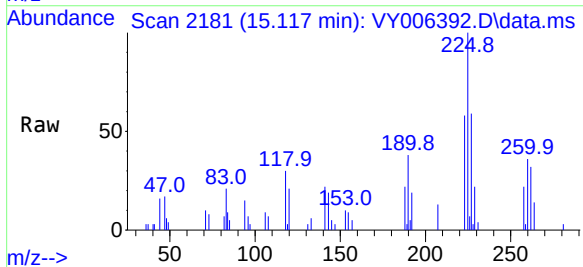
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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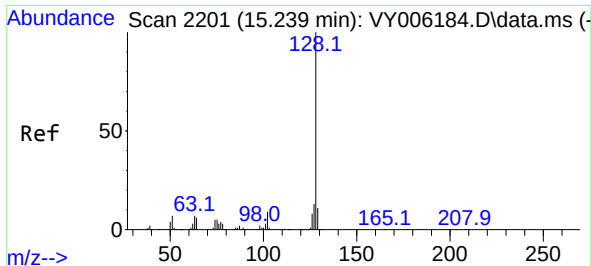
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 5063  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.2  | 47.3  | 141.9 |
| 145       | 25.6  | 14.6  | 43.8  |



#94  
Hexachlorobutadiene  
Concen: 2.666 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. 0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 3283 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 67.0  | 30.8  | 92.3 |
| 227       | 70.1  | 31.6  | 94.7 |

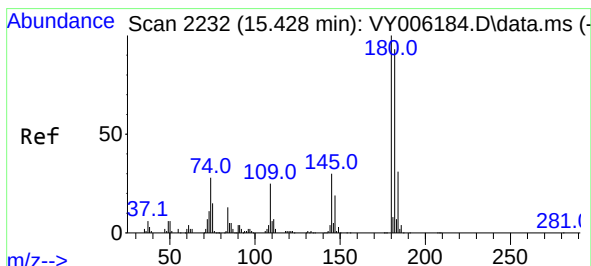
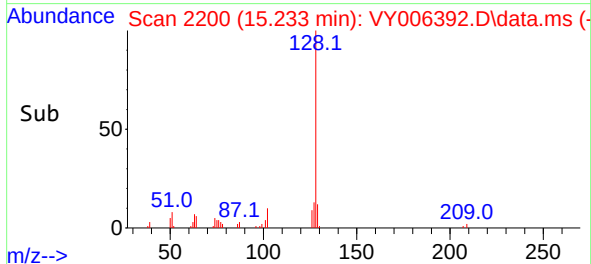
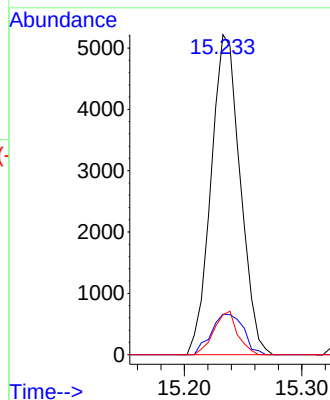
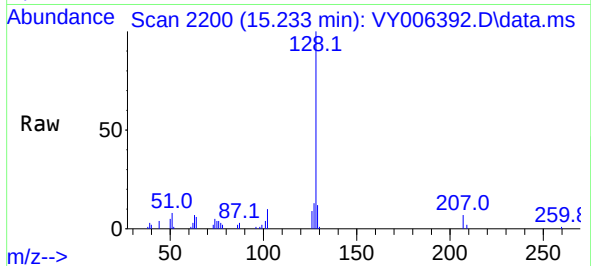




#95  
Naphthalene  
Concen: 2.397 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2021

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 8988      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 14.0  | 11.0 16.4 |
| 129         | 11.0  | 8.4 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 2.707 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.006 min  
Lab File: VY006392.D  
Acq: 14 Oct 2021 12:55

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 4529       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.9  | 47.3 141.9 |
| 145         | 31.8  | 15.3 45.9  |

