

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062222\  
 Data File : VY009270.D  
 Acq On : 22 Jun 2022 13:36  
 Operator : KP/MD  
 Sample : N3214-03 4PPB  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2022

Quant Time: Jun 23 08:25:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062122S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 23 08:23:20 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
 Supervised By :Semsettin Yesilyurt 06/23/2022

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.783          | 168  | 146823     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685          | 114  | 240000     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489         | 117  | 219943     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422         | 152  | 107220     | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.136          | 65   | 78794      | 48.864  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 97.720% |        |          |
| 35) Dibromofluoromethane     | 7.710          | 113  | 75537      | 48.599  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 97.200% |        |          |
| 50) Toluene-d8               | 10.179         | 98   | 290733     | 48.693  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = | 97.380% |        |          |
| 62) 4-Bromofluorobenzene     | 12.477         | 95   | 101460     | 48.359  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = | 96.720% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900          | 85   | 4867       | 4.524   | ug/l   | 94       |
| 3) Chloromethane             | 2.107          | 50   | 6239       | 4.726   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.247          | 62   | 6697       | 4.567   | ug/l   | 94       |
| 5) Bromomethane              | 2.643          | 94   | 5020       | 4.909   | ug/l   | 91       |
| 6) Chloroethane              | 2.784          | 64   | 3517       | 3.602   | ug/l # | 85       |
| 7) Trichlorofluoromethane    | 3.119          | 101  | 9507       | 4.084   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.521          | 74   | 3891       | 4.552   | ug/l   | 96       |
| 9) 1,1,2-Trichlorotrifluo... | 3.899          | 101  | 6421       | 4.338   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.088          | 142  | 6470       | 3.579   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 4.930          | 59   | 14133      | 46.824  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 3.863          | 96   | 5736       | 4.078   | ug/l   | 89       |
| 13) Acrolein                 | 3.716          | 56   | 866        | 12.930  | ug/l   | 100      |
| 14) Allyl chloride           | 4.466          | 41   | 10734      | 4.248   | ug/l   | 93       |
| 15) Acrylonitrile            | 5.161          | 53   | 10243      | 21.488  | ug/l   | 93       |
| 16) Acetone                  | 3.936          | 43   | 9892       | 24.829  | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.186          | 76   | 14758      | 3.777   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.478          | 43   | 9150       | 6.693   | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.210          | 73   | 17741      | 4.196   | ug/l # | 90       |
| 20) Methylene Chloride       | 4.704          | 84   | 16422      | 6.227   | ug/l # | 86       |
| 21) trans-1,2-Dichloroethene | 5.210          | 96   | 6602       | 3.961   | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.112          | 45   | 22138      | 4.168   | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.051          | 43   | 54555      | 16.729  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.009          | 63   | 13452      | 4.474   | ug/l   | 97       |
| 25) 2-Butanone               | 6.984          | 43   | 14829      | 23.048  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 6.972          | 77   | 13442      | 4.756   | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 6.984          | 96   | 8400       | 4.298   | ug/l   | 95       |
| 28) Bromochloromethane       | 7.319          | 49   | 5992       | 4.619   | ug/l # | 91       |
| 29) Tetrahydrofuran          | 7.344          | 42   | 9285       | 22.788  | ug/l   | 99       |
| 30) Chloroform               | 7.502          | 83   | 13664      | 4.415   | ug/l   | 95       |
| 31) Cyclohexane              | 7.783          | 56   | 13240      | 4.730   | ug/l # | 70       |
| 32) 1,1,1-Trichloroethane    | 7.704          | 97   | 11396      | 4.218   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.917          | 75   | 9690       | 4.097   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.069          | 43   | 6228       | 4.354   | ug/l # | 88       |
| 38) Carbon Tetrachloride     | 7.899          | 117  | 9966       | 4.052   | ug/l   | 93       |
| 39) Methylcyclohexane        | 9.179          | 83   | 11681      | 4.025   | ug/l   | 93       |
| 40) Benzene                  | 8.155          | 78   | 29275      | 4.183   | ug/l   | 93       |

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 ClientSampleId :  
 MDL-SOIL-03-QT2-2022

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 Quant Title : SW846 8260  
 QLast Update : Thu Jun 23 08:23:20 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
 Supervised By :Semsettin Yesilyurt 06/23/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 3533     | 4.455  | ug/l # | 43       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 8848     | 4.406  | ug/l   | 91       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 11074    | 4.225  | ug/l # | 89       |
| 44) Trichloroethene           | 8.941  | 130  | 8417     | 4.271  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 7502     | 4.161  | ug/l   | 97       |
| 46) Dibromomethane            | 9.301  | 93   | 4102     | 4.001  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 10163    | 4.175  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 4797     | 4.175  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 1251     | 84.919 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 29195    | 21.414 | ug/l   | 95       |
| 52) Toluene                   | 10.240 | 92   | 19428    | 4.392  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 10371    | 4.097  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 11744    | 4.076  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 6114     | 4.249  | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 7406     | 3.891  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 10272    | 4.172  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 18536    | 22.699 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 19153    | 20.758 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.983 | 129  | 7266     | 4.140  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 5592     | 3.986  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.715 | 164  | 9433     | 4.445  | ug/l   | 89       |
| 65) Chlorobenzene             | 11.514 | 112  | 20920    | 4.222  | ug/l   | 92       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 7760     | 4.284  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 35169    | 4.096  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 28036    | 8.321  | ug/l   | 89       |
| 69) o-Xylene                  | 12.026 | 106  | 13111    | 4.092  | ug/l   | 88       |
| 70) Styrene                   | 12.038 | 104  | 20107    | 3.784  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 4379     | 3.911  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.325 | 105  | 33274    | 3.956  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 8685     | 3.865  | ug/l # | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 7061     | 4.412  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 6054m    | 4.816  | ug/l   |          |
| 77) Bromobenzene              | 12.605 | 156  | 8843     | 4.328  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.666 | 91   | 43005    | 4.243  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 24224    | 4.243  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 28355    | 4.060  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 2457     | 4.144  | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 24586    | 4.129  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 24834    | 4.078  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 27451    | 4.011  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 37092    | 4.069  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 30793    | 4.064  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 17121    | 4.335  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 17632    | 4.450  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.696 | 91   | 28212    | 3.998  | ug/l   | 96       |
| 90) Hexachloroethane          | 13.958 | 117  | 6193     | 4.309  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 15697    | 4.424  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 1290     | 4.525  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 8662     | 3.990  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 5119     | 4.383  | ug/l   | 94       |
| 95) Naphthalene               | 15.233 | 128  | 15105    | 3.468  | ug/l   | 97       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 7689     | 4.144  | ug/l   | 93       |

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022

Manual Integrations  
APPROVED

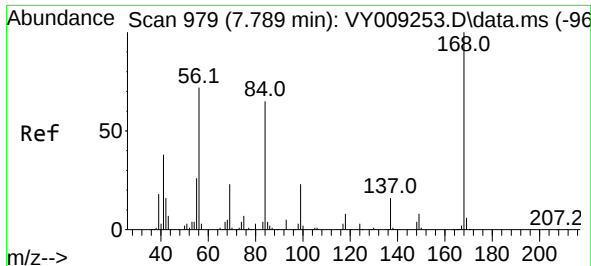
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

Quant Time: Jun 23 08:25:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062122S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 23 08:23:20 2022  
Response via : Initial Calibration

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

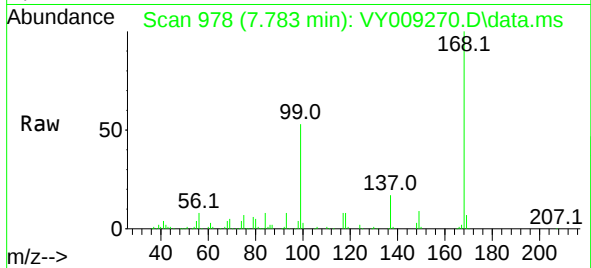
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

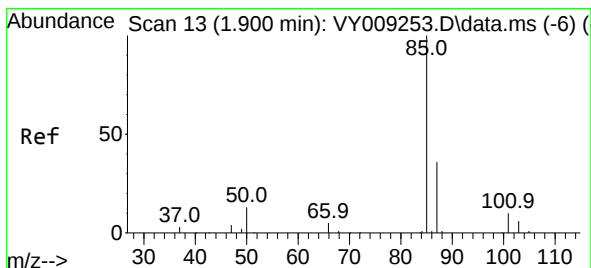
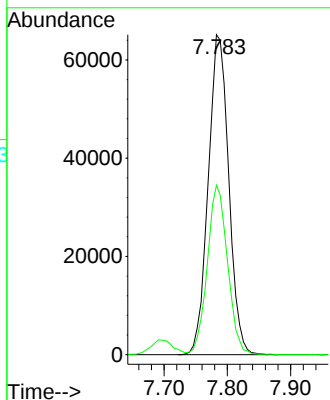
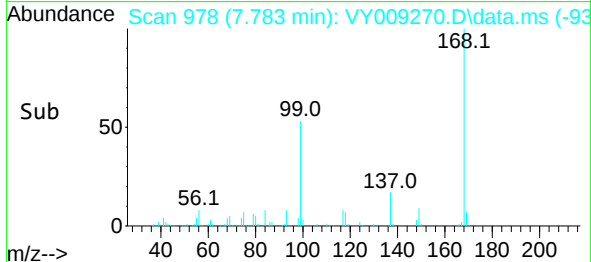
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



Tgt Ion:168 Resp: 14682  
Ion Ratio Lower Upper  
168 100  
99 53.0 46.9 70.3

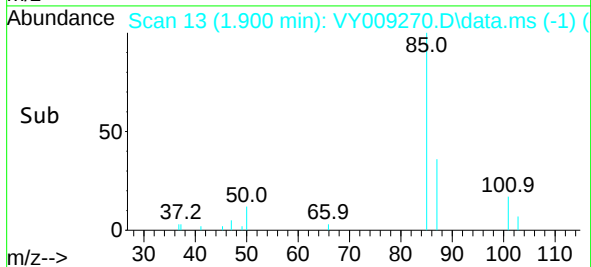
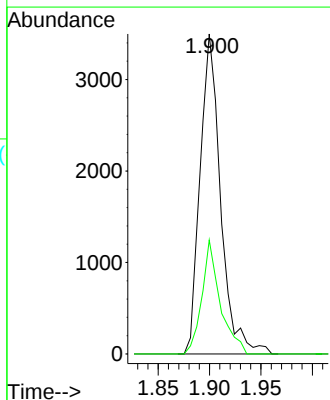
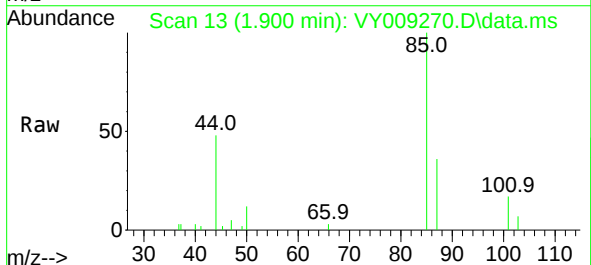
Manual Integrations  
APPROVED

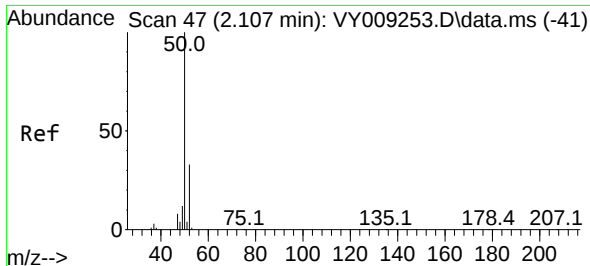
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#2  
Dichlorodifluoromethane  
Concen: 4.524 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

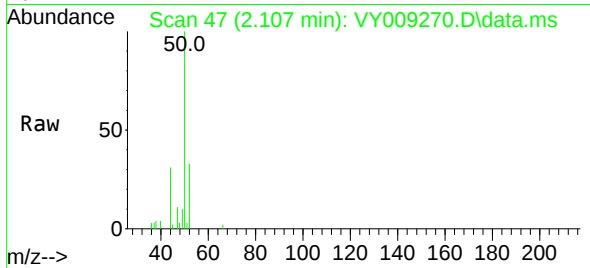
Tgt Ion: 85 Resp: 4867  
Ion Ratio Lower Upper  
85 100  
87 35.6 16.1 48.2





#3  
Chloromethane  
Concen: 4.726 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

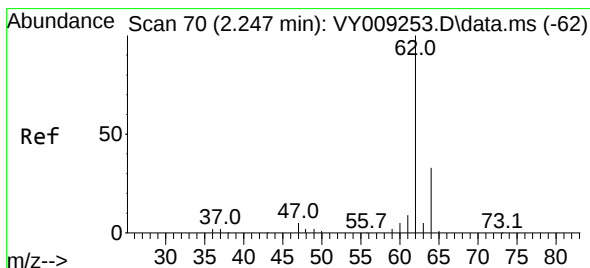
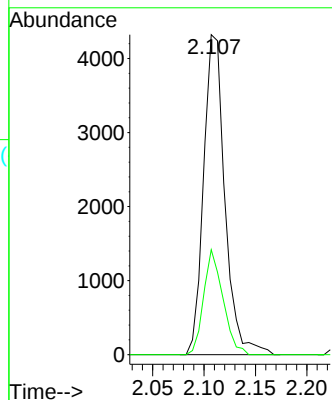
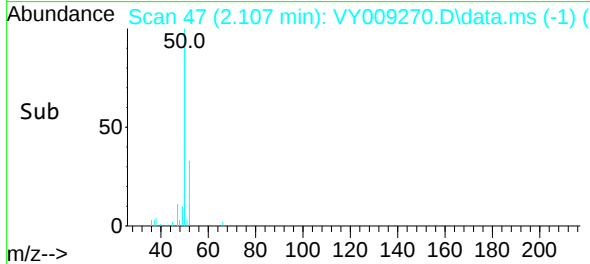
Instrument :  
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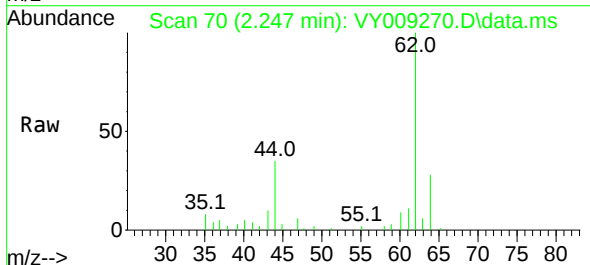
Tgt Ion: 50 Resp: 6239  
Ion Ratio Lower Upper  
50 100  
52 32.8 24.6 37.0

Manual Integrations  
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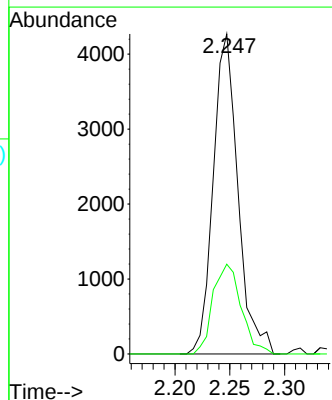
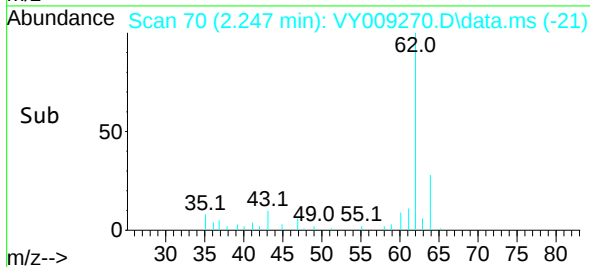
Reviewed By :Mahesh Dadoda 06/23/2022  
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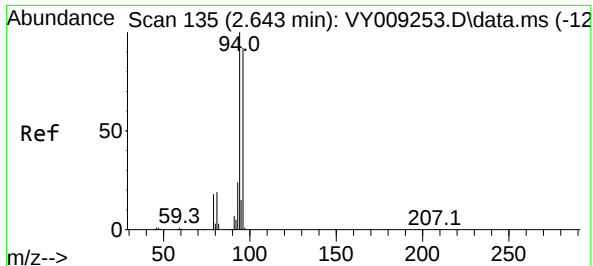


#4  
Vinyl Chloride  
Concen: 4.567 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion: 62 Resp: 6697  
Ion Ratio Lower Upper  
62 100  
64 28.0 25.0 37.6





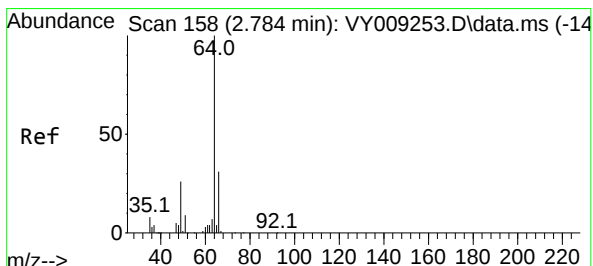
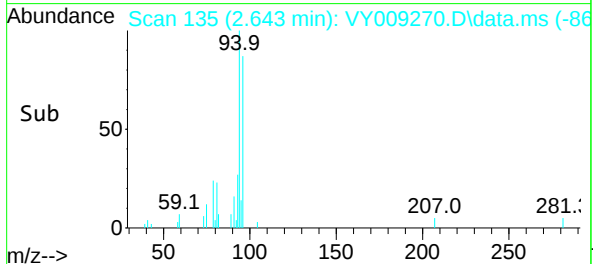
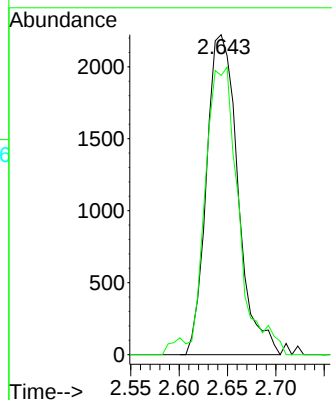
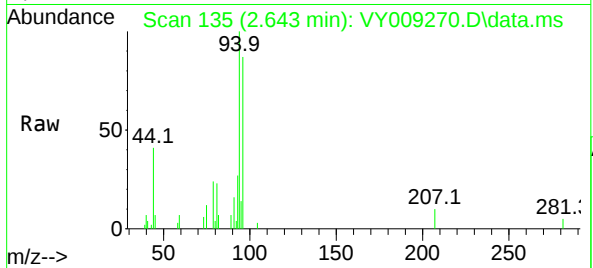
#5  
Bromomethane  
Concen: 4.909 ug/l  
RT: 2.643 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
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Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022

Tgt Ion: 94 Resp: 5020  
Ion Ratio Lower Upper  
94 100  
96 83.1 73.5 110.3

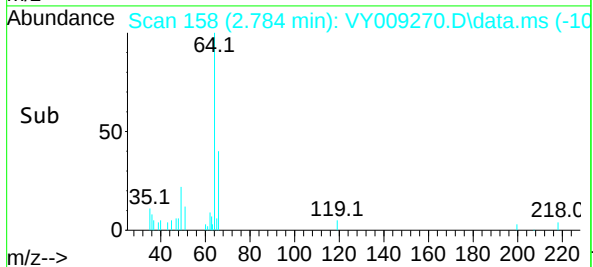
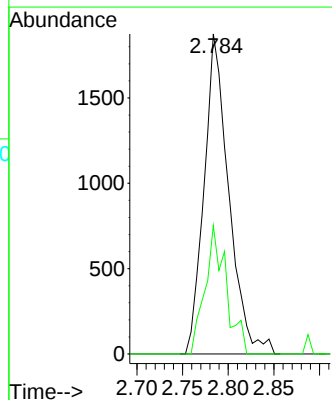
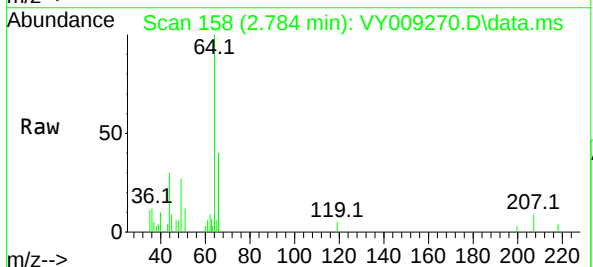
Manual Integrations  
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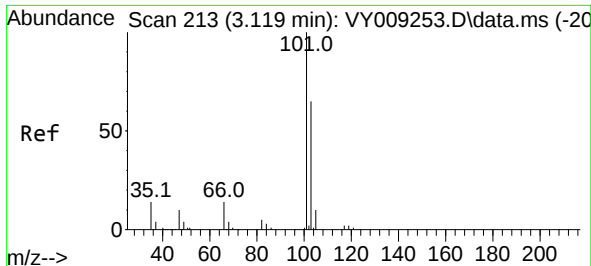
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#6  
Chloroethane  
Concen: 3.602 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

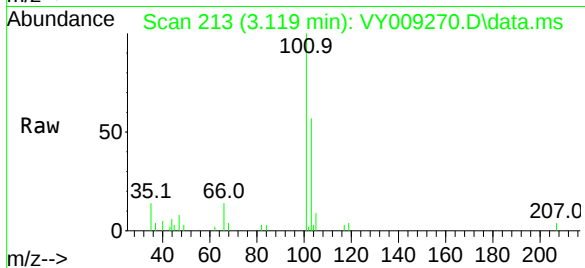
Tgt Ion: 64 Resp: 3517  
Ion Ratio Lower Upper  
64 100  
66 40.2 25.4 38.0#





#7  
Trichlorofluoromethane  
Concen: 4.084 ug/l  
RT: 3.119 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

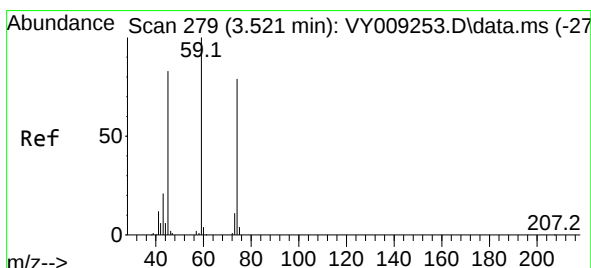
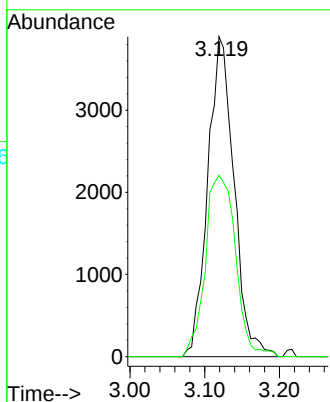
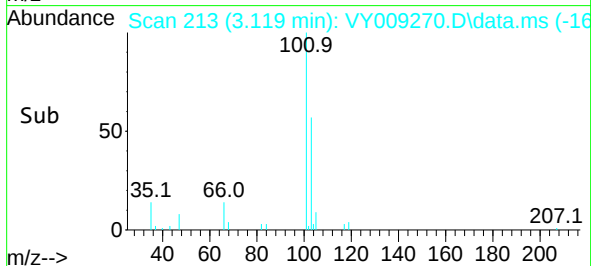
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



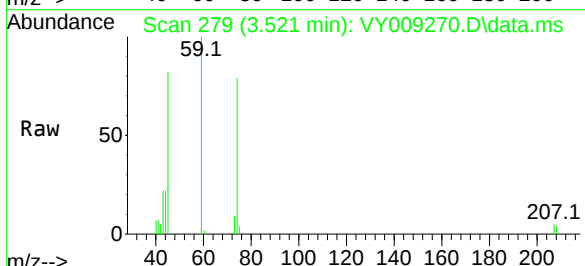
Tgt Ion:101 Resp: 950  
Ion Ratio Lower Upper  
101 100  
103 56.7 48.0 72.0

Manual Integrations  
APPROVED

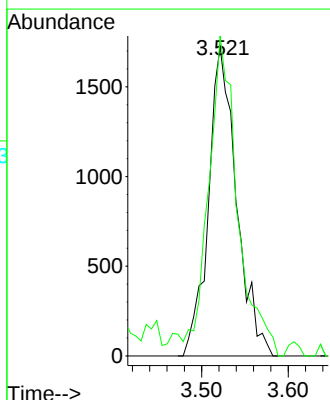
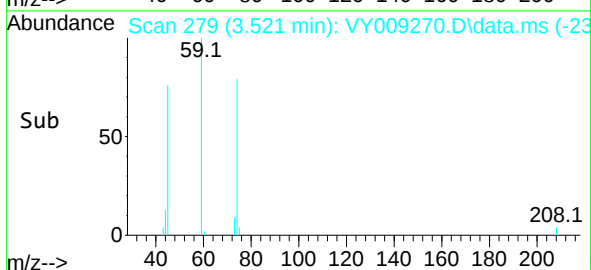
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

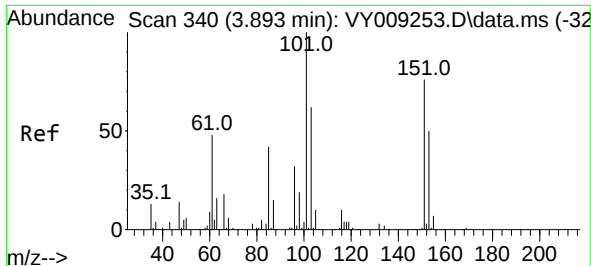


#8  
Diethyl Ether  
Concen: 4.552 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion: 74 Resp: 3891  
Ion Ratio Lower Upper  
74 100  
45 106.5 55.1 165.5





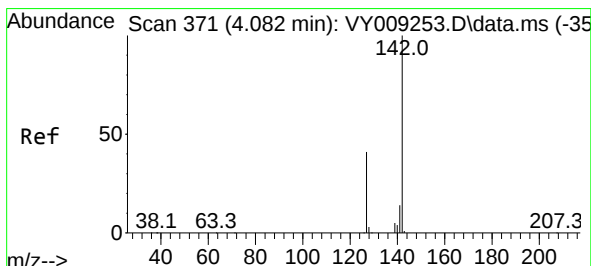
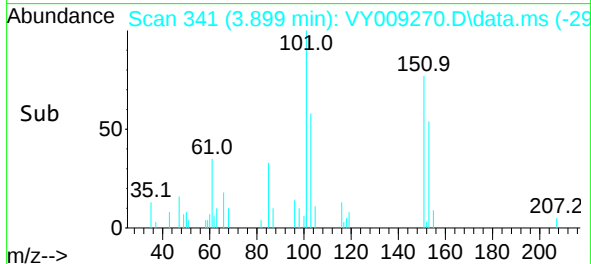
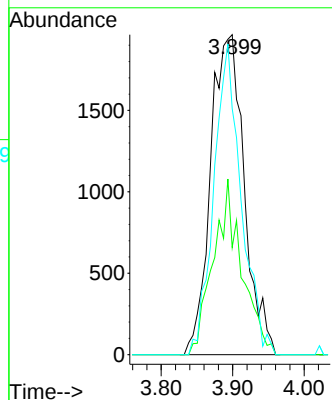
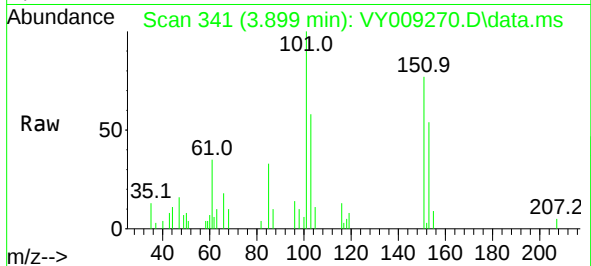
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.338 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022

Tgt Ion:101 Resp: 642  
Ion Ratio Lower Upper  
101 100  
85 46.3 40.6 60.8  
151 79.3 64.9 97.3

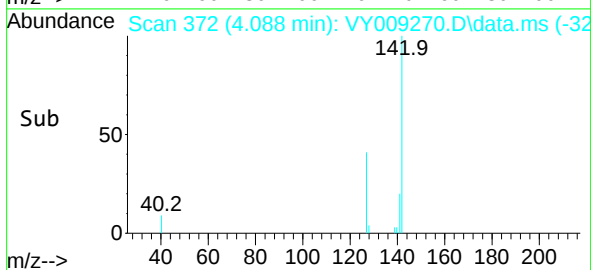
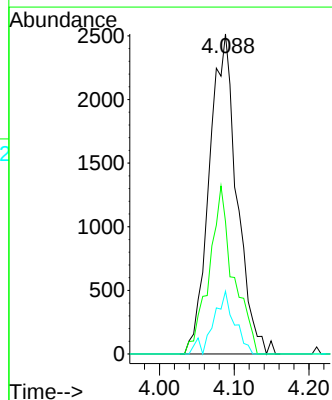
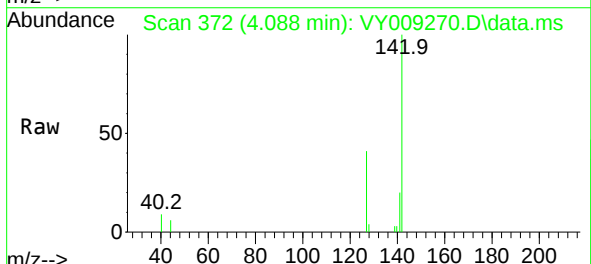
Manual Integrations  
APPROVED

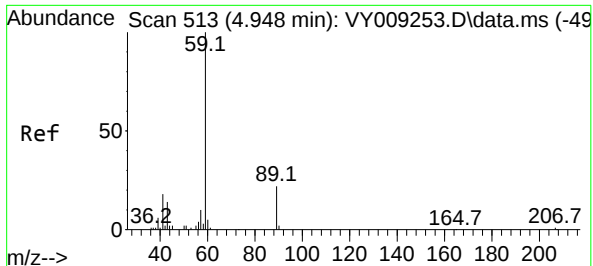
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#10  
Methyl Iodide  
Concen: 3.579 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion:142 Resp: 6470  
Ion Ratio Lower Upper  
142 100  
127 46.3 41.5 62.3  
141 15.1 11.9 17.9





#11

Tert butyl alcohol

Concen: 46.824 ug/l

RT: 4.930 min Scan# 513

Delta R.T. -0.018 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 59 Resp: 1413

Ion Ratio Lower Upper

59 100

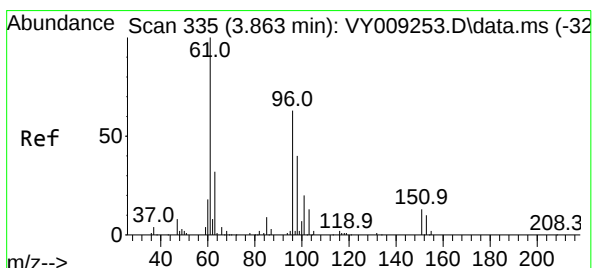
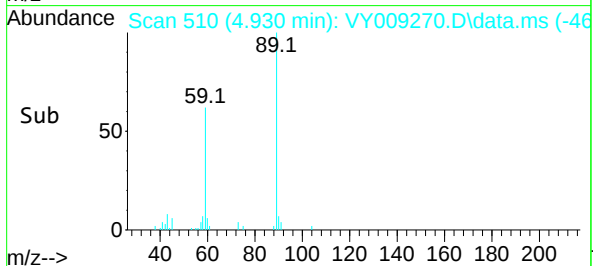
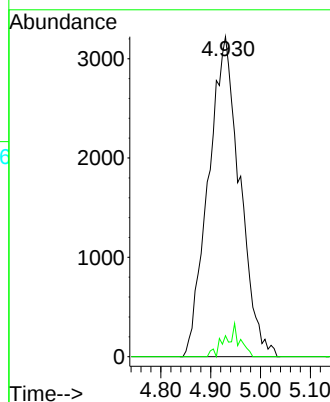
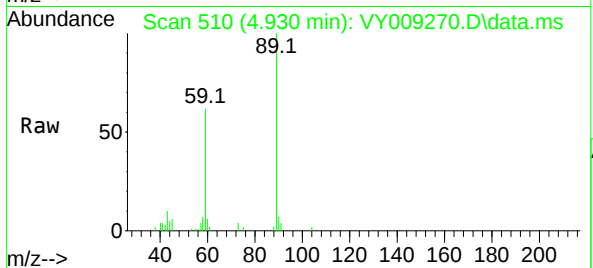
57 4.7 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#12

1,1-Dichloroethene

Concen: 4.078 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

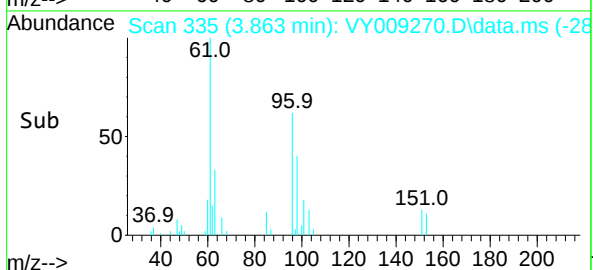
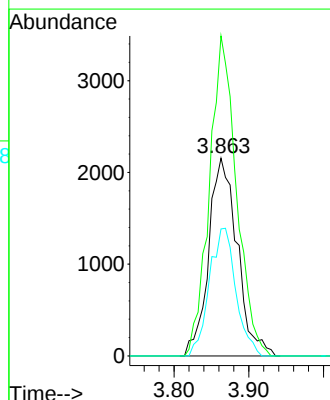
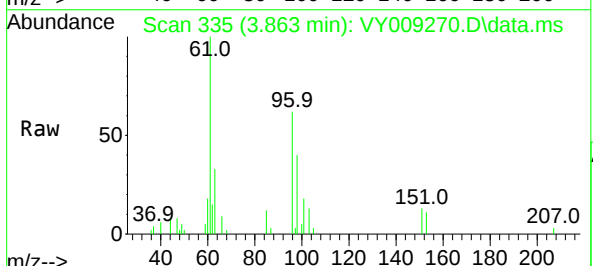
Tgt Ion: 96 Resp: 5736

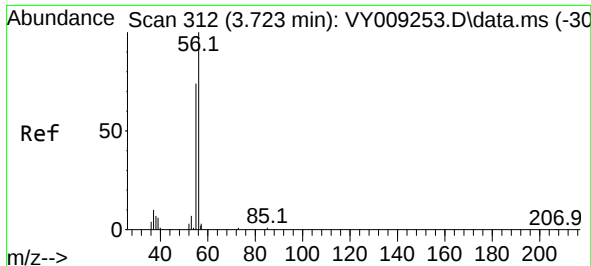
Ion Ratio Lower Upper

96 100

61 161.8 145.8 218.6

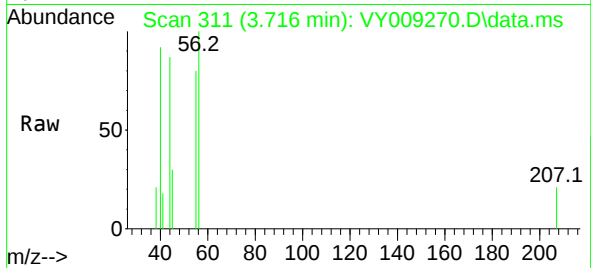
98 64.2 52.5 78.7





#13  
Acrolein  
Concen: 12.930 ug/l  
RT: 3.716 min Scan# 311  
Delta R.T. -0.007 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

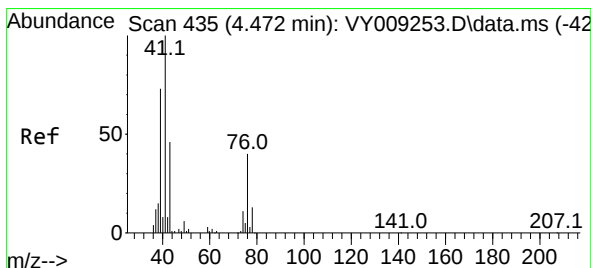
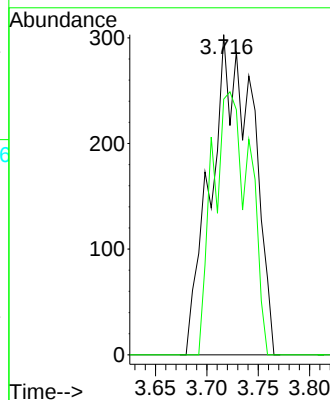
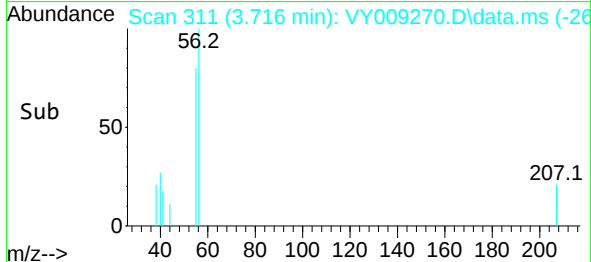
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022



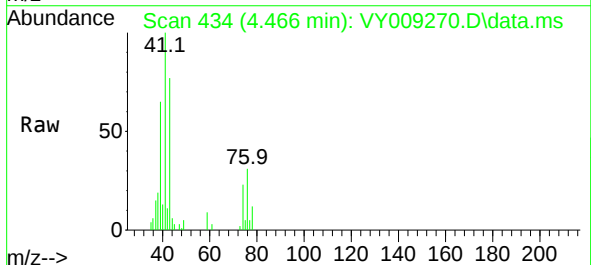
Tgt Ion: 56 Resp: 860  
Ion Ratio Lower Upper  
56 100  
55 72.1 57.6 86.4

Manual Integrations  
APPROVED

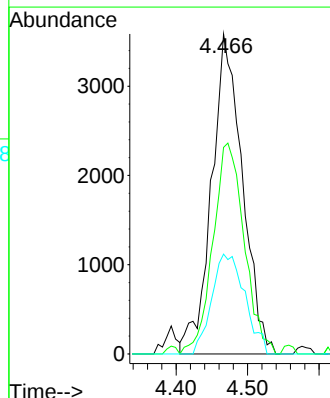
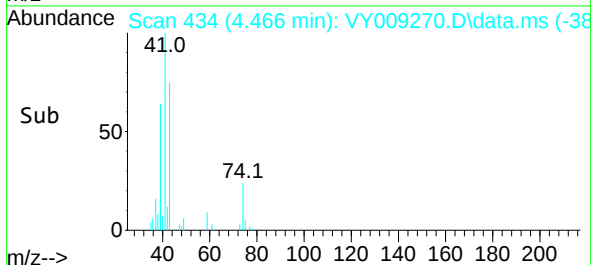
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

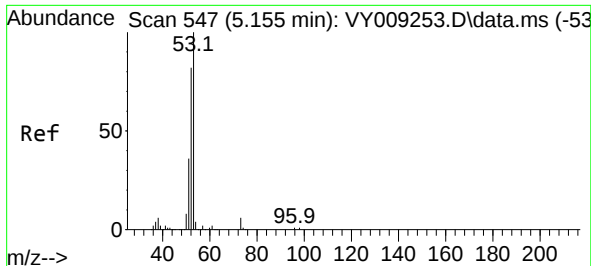


#14  
Allyl chloride  
Concen: 4.248 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



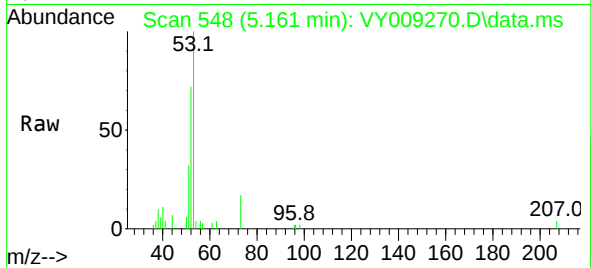
Tgt Ion: 41 Resp: 10734  
Ion Ratio Lower Upper  
41 100  
39 66.9 58.8 88.2  
76 33.5 25.1 37.7





#15  
Acrylonitrile  
Concen: 21.488 ug/l  
RT: 5.161 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

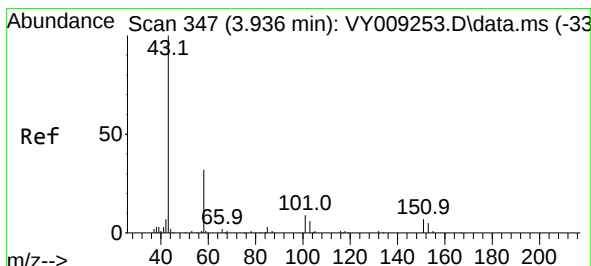
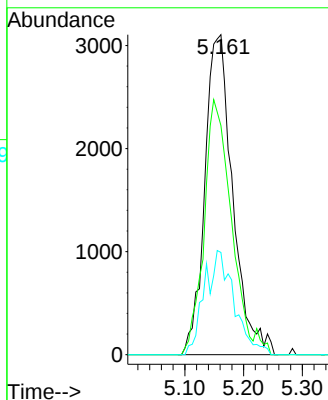
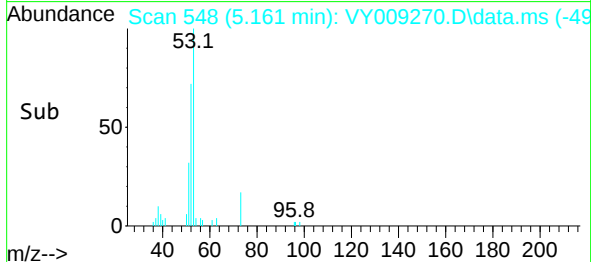
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



Tgt Ion: 53 Resp: 1024  
Ion Ratio Lower Upper  
53 100  
52 76.5 67.0 100.4  
51 34.7 29.8 44.6

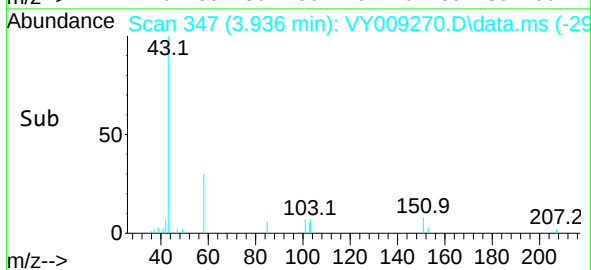
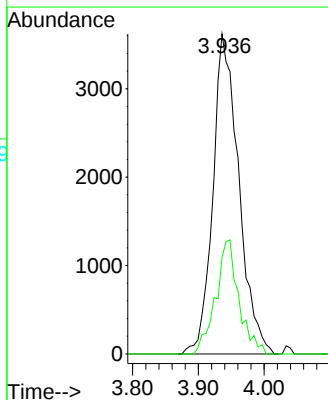
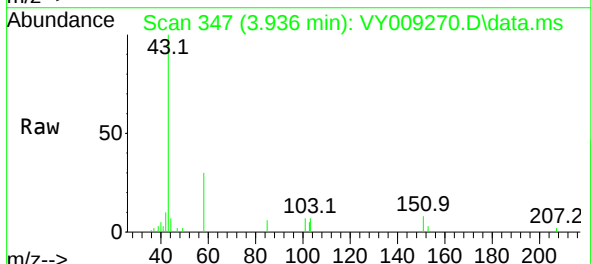
Manual Integrations  
APPROVED

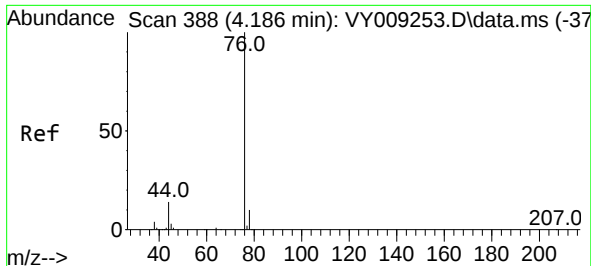
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#16  
Acetone  
Concen: 24.829 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

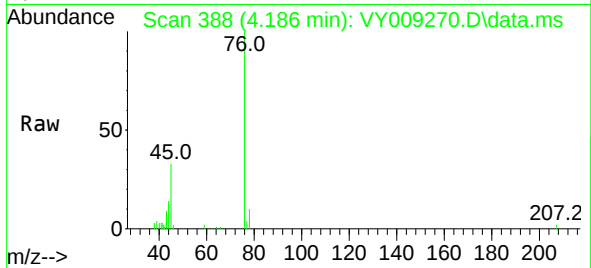
Tgt Ion: 43 Resp: 9892  
Ion Ratio Lower Upper  
43 100  
58 30.2 22.0 33.0





#17  
Carbon Disulfide  
Concen: 3.777 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

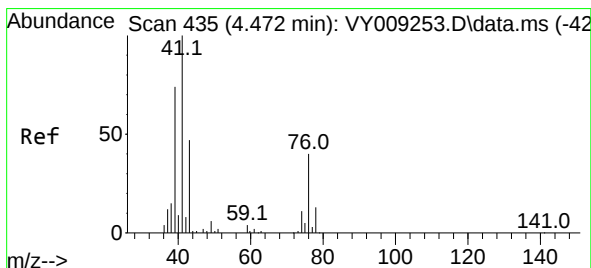
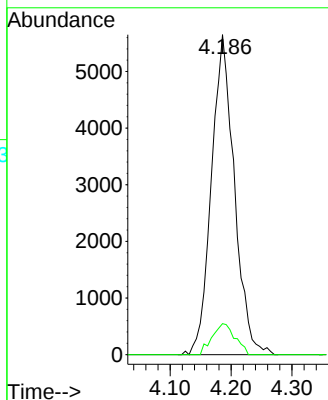
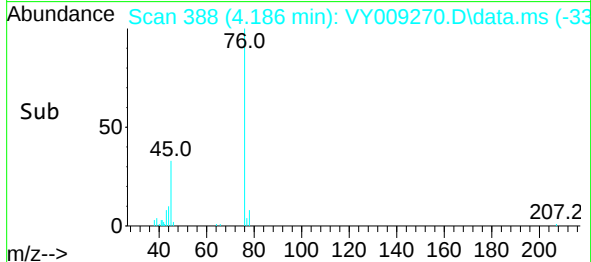
Instrument : MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



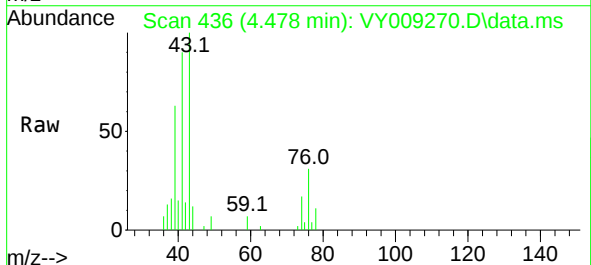
Tgt Ion: 76 Resp: 14758  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.4 11.0

Manual Integrations  
APPROVED

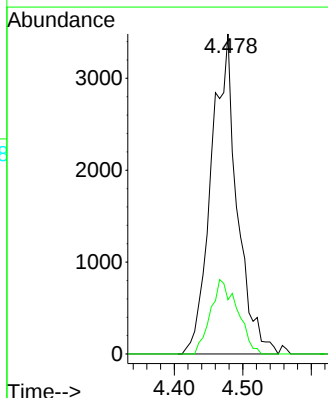
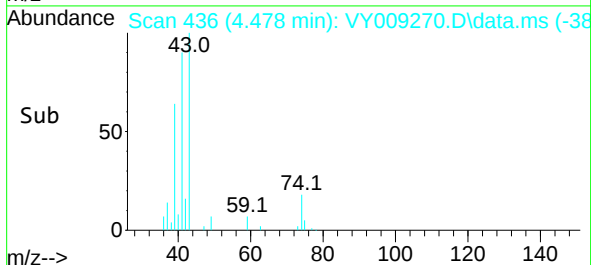
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

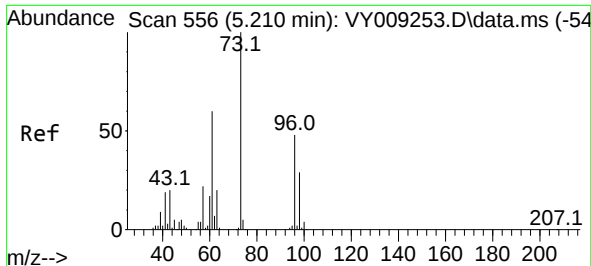


#18  
Methyl Acetate  
Concen: 6.693 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



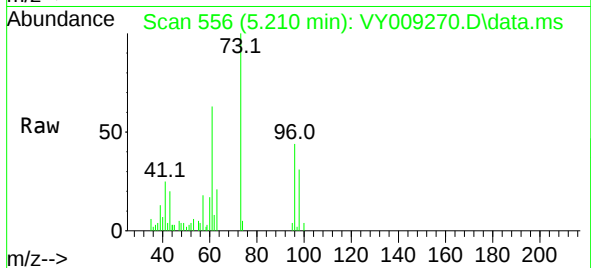
Tgt Ion: 43 Resp: 9150  
Ion Ratio Lower Upper  
43 100  
74 24.1 16.6 24.8





#19  
Methyl tert-butyl Ether  
Concen: 4.196 ug/l  
RT: 5.210 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

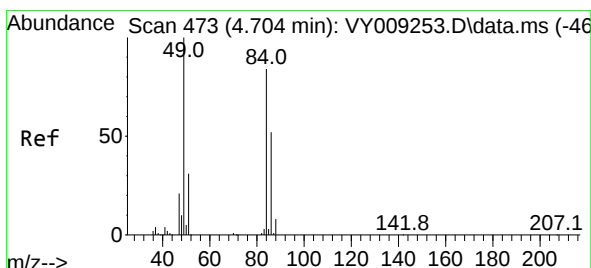
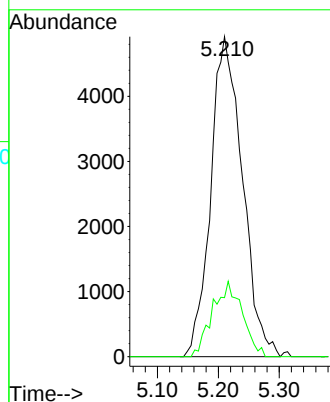
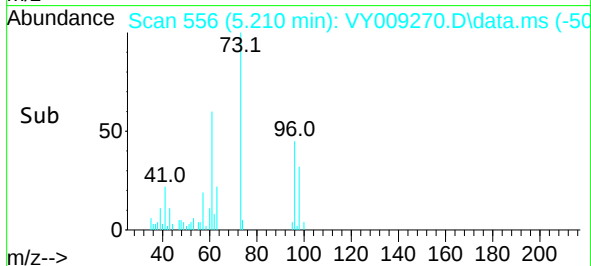
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



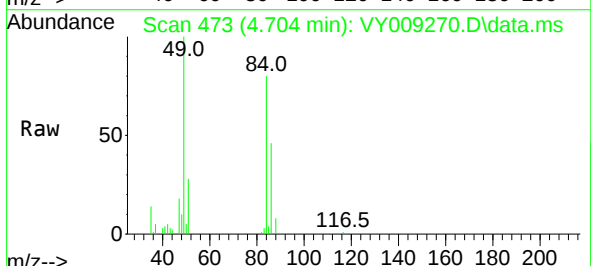
Tgt Ion: 73 Resp: 1774  
Ion Ratio Lower Upper  
73 100  
57 18.5 18.6 27.8

Manual Integrations  
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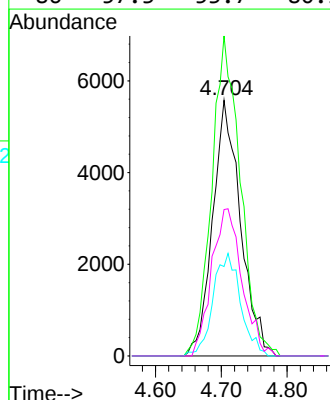
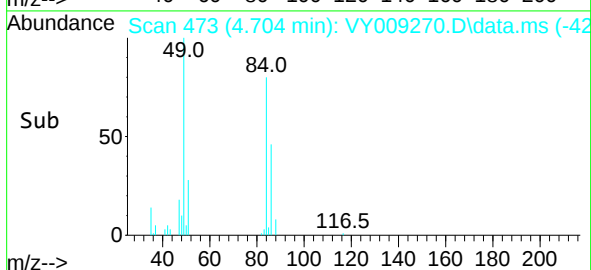
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

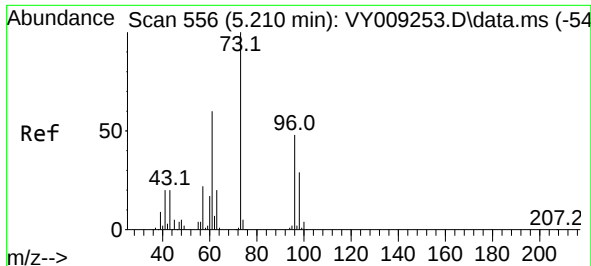


#20  
Methylene Chloride  
Concen: 6.227 ug/l  
RT: 4.704 min Scan# 473  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



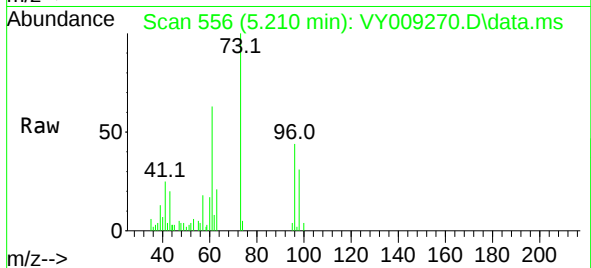
Tgt Ion: 84 Resp: 16422  
Ion Ratio Lower Upper  
84 100  
49 125.2 114.4 171.6  
51 35.0 35.3 52.9#  
86 57.3 53.7 80.5





#21  
trans-1,2-Dichloroethene  
Concen: 3.961 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

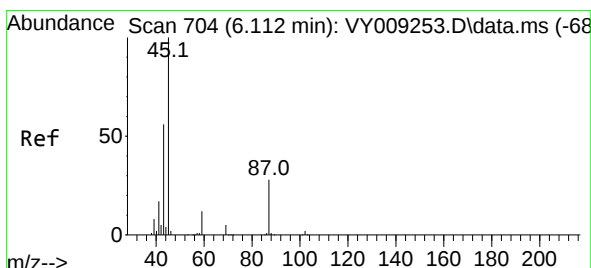
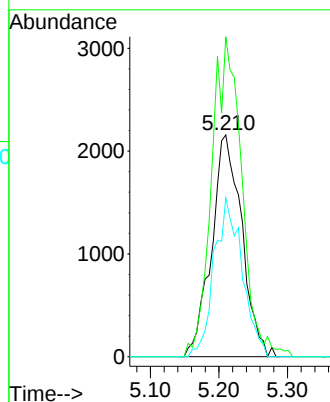
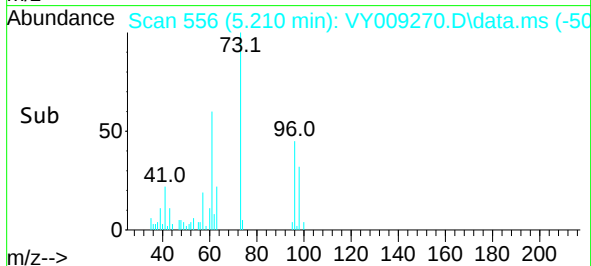
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



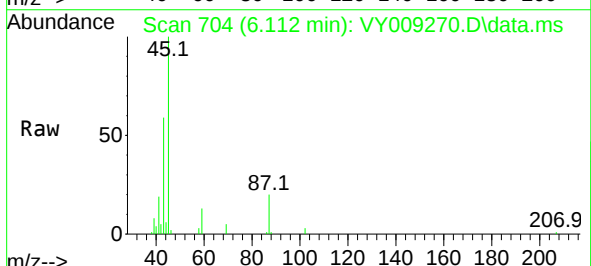
Tgt Ion: 96 Resp: 6602  
Ion Ratio Lower Upper  
96 100  
61 144.3 120.5 180.7  
98 71.6 49.8 74.8

Manual Integrations  
APPROVED

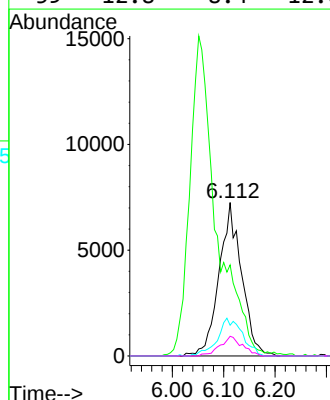
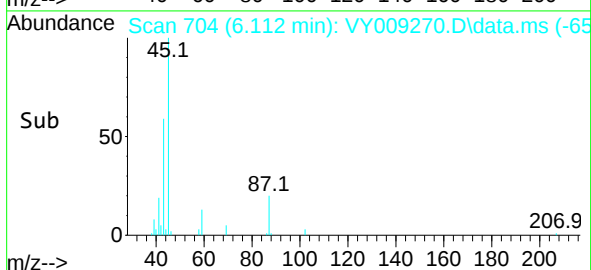
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

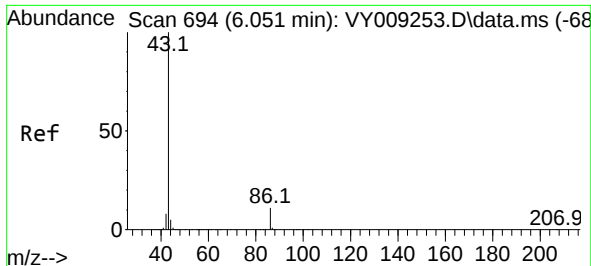


#22  
Diisopropyl ether  
Concen: 4.168 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



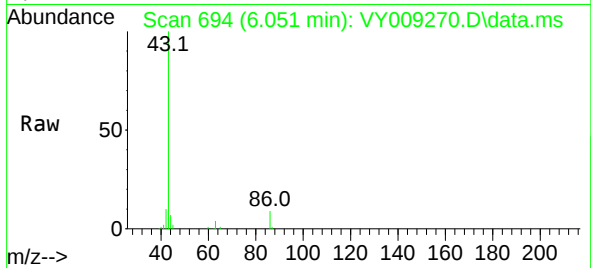
Tgt Ion: 45 Resp: 22138  
Ion Ratio Lower Upper  
45 100  
43 57.8 49.3 73.9  
87 20.0 19.2 28.8  
59 12.8 8.4 12.6#





#23  
 Vinyl Acetate  
 Concen: 16.729 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY009270.D  
 Acq: 22 Jun 2022 13:36

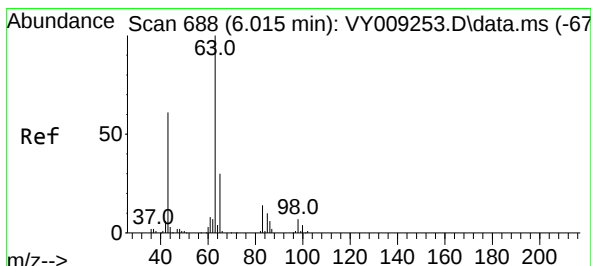
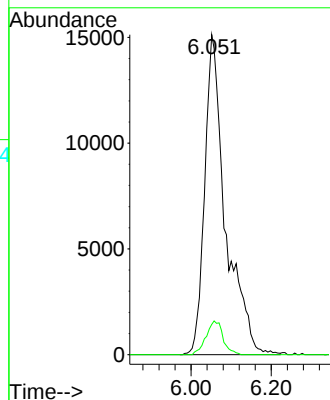
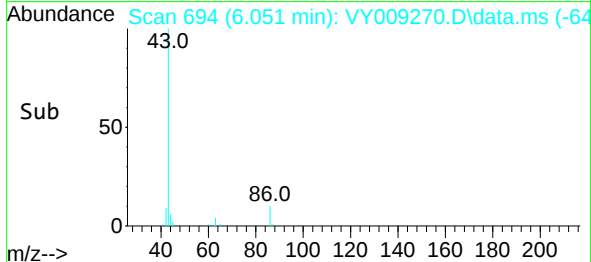
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2022



Tgt Ion: 43 Resp: 5455  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 7.1 10.7

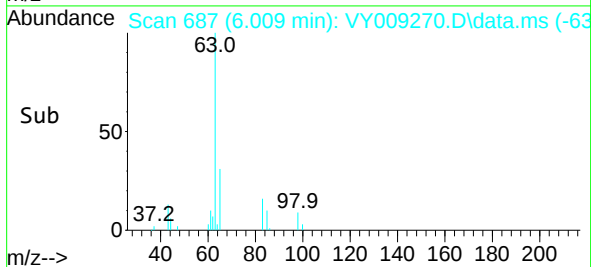
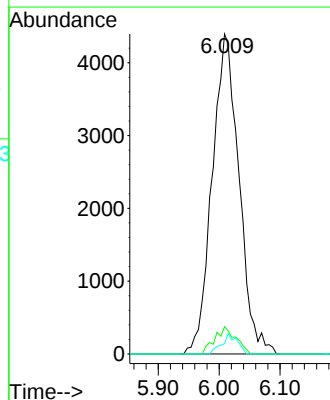
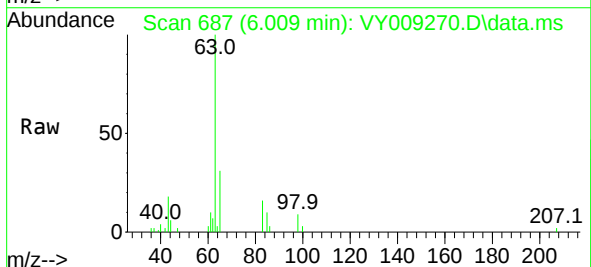
Manual Integrations  
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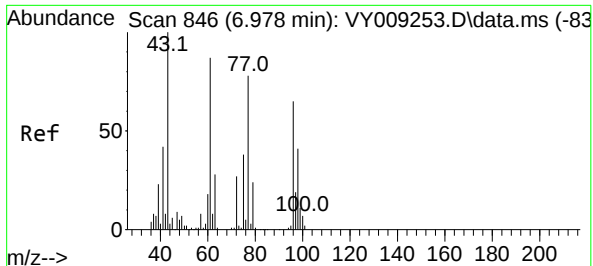
Reviewed By :Mahesh Dadoda 06/23/2022  
 Supervised By :Semsettin Yesilyurt 06/23/2022



#24  
 1,1-Dichloroethane  
 Concen: 4.474 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.006 min  
 Lab File: VY009270.D  
 Acq: 22 Jun 2022 13:36

Tgt Ion: 63 Resp: 13452  
 Ion Ratio Lower Upper  
 63 100  
 98 8.5 3.6 10.8  
 100 3.2 2.0 5.8





#25

2-Butanone

Concen: 23.048 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 43 Resp: 14829

Ion Ratio Lower Upper

43 100

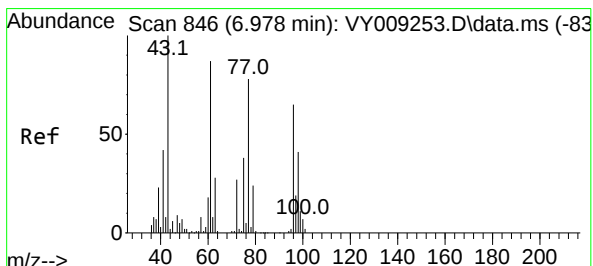
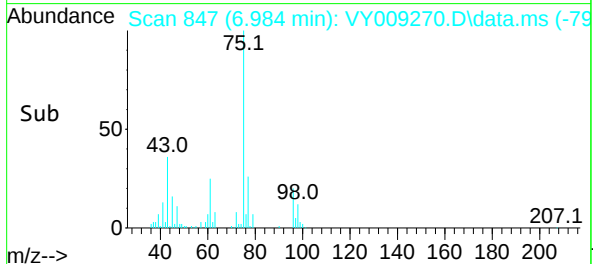
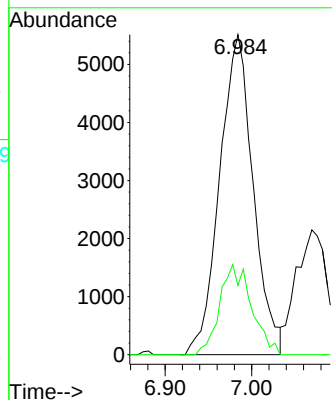
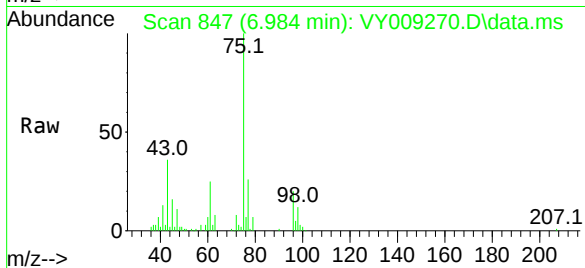
72 21.7 17.7 26.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#26

2,2-Dichloropropane

Concen: 4.756 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009270.D

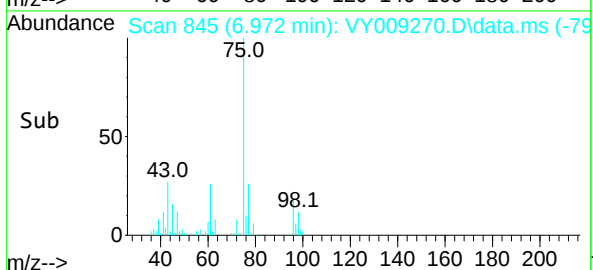
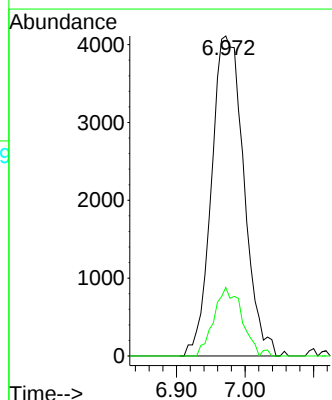
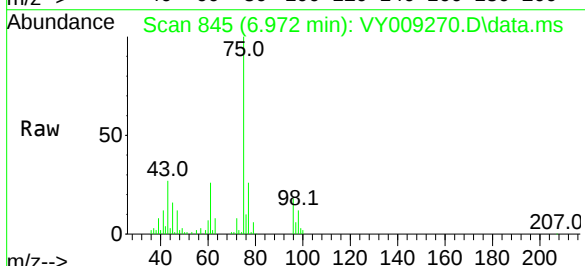
Acq: 22 Jun 2022 13:36

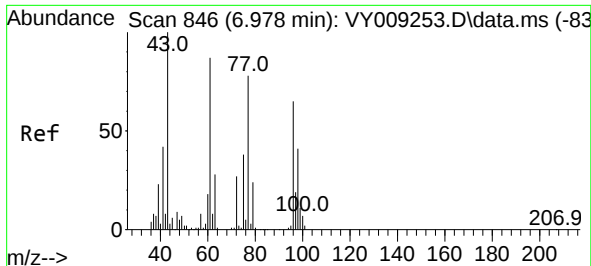
Tgt Ion: 77 Resp: 13442

Ion Ratio Lower Upper

77 100

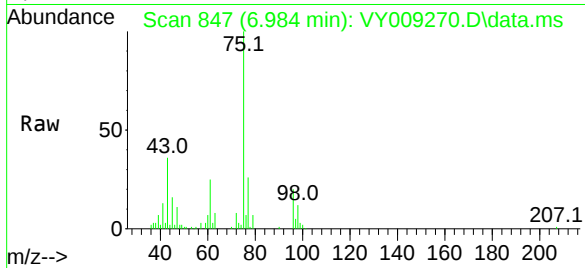
97 18.8 10.4 31.4





#27  
 cis-1,2-Dichloroethene  
 Concen: 4.298 ug/l  
 RT: 6.984 min Scan# 846  
 Delta R.T. 0.006 min  
 Lab File: VY009270.D  
 Acq: 22 Jun 2022 13:36

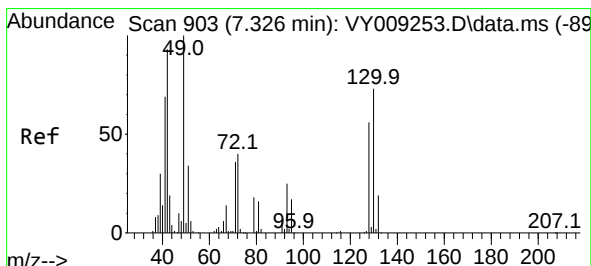
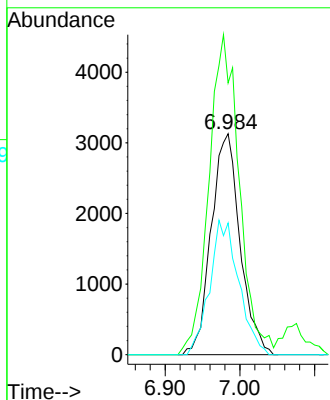
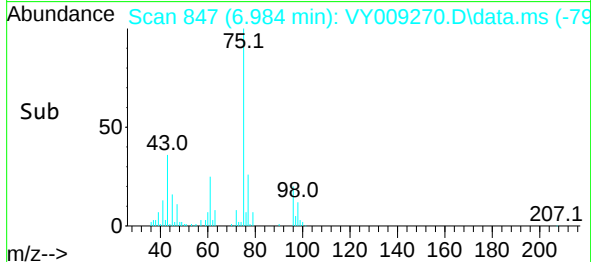
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2022



Tgt Ion: 96 Resp: 8400  
 Ion Ratio Lower Upper  
 96 100  
 61 152.0 0.0 319.8  
 98 61.2 0.0 127.0

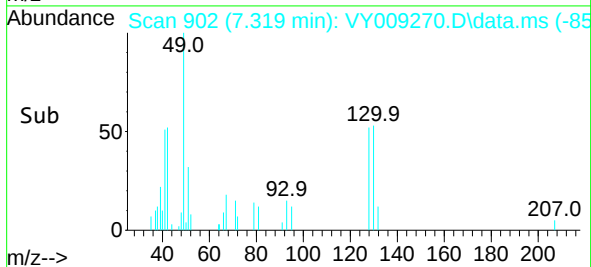
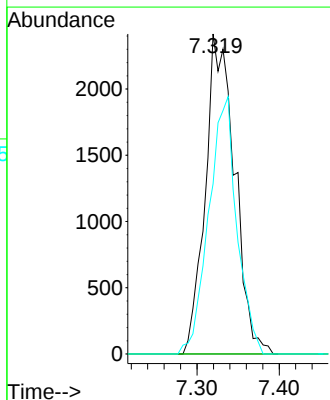
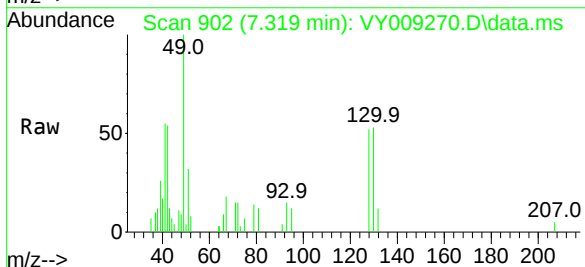
Manual Integrations  
 APPROVED

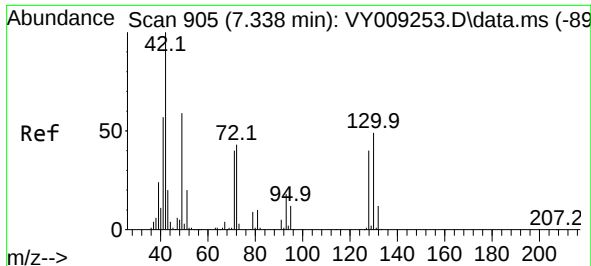
Reviewed By :Mahesh Dadoda 06/23/2022  
 Supervised By :Semsettin Yesilyurt 06/23/2022



#28  
 Bromochloromethane  
 Concen: 4.619 ug/l  
 RT: 7.319 min Scan# 902  
 Delta R.T. -0.007 min  
 Lab File: VY009270.D  
 Acq: 22 Jun 2022 13:36

Tgt Ion: 49 Resp: 5992  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 2.2  
 130 77.0 55.4 83.0





#29

Tetrahydrofuran

Concen: 22.788 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

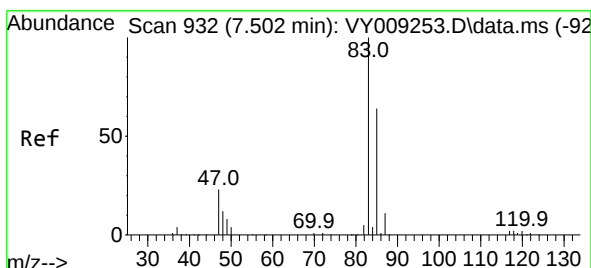
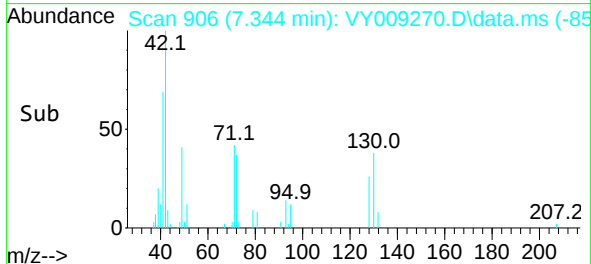
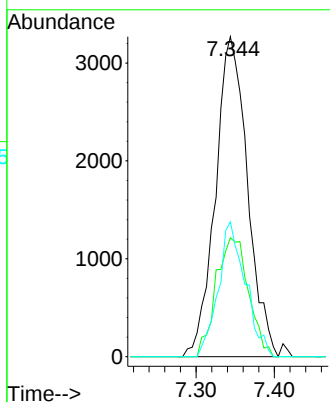
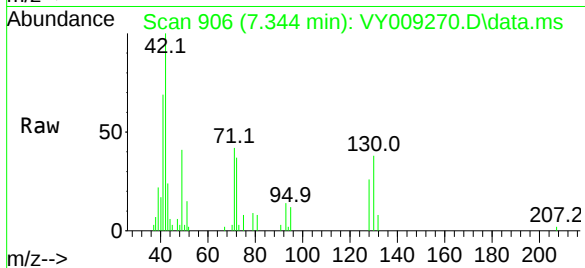
MDL-SOIL-03-QT2-2022

|             |                |
|-------------|----------------|
| Tgt Ion: 42 | Resp: 928      |
| Ion Ratio   | Lower Upper    |
| 42          | 100            |
| 72          | 37.6 30.3 45.5 |
| 71          | 35.8 29.0 43.4 |

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#30

Chloroform

Concen: 4.415 ug/l

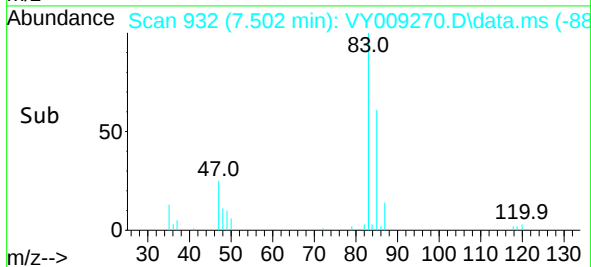
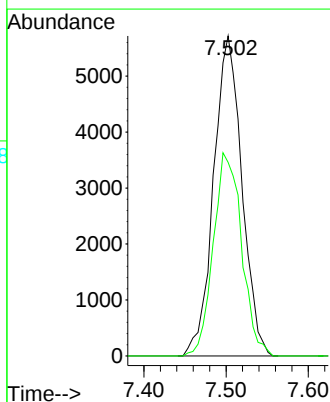
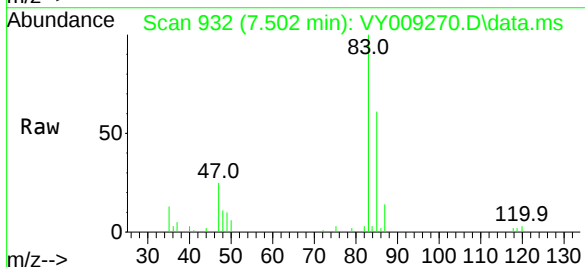
RT: 7.502 min Scan# 932

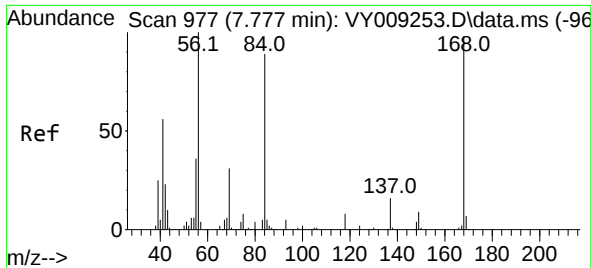
Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

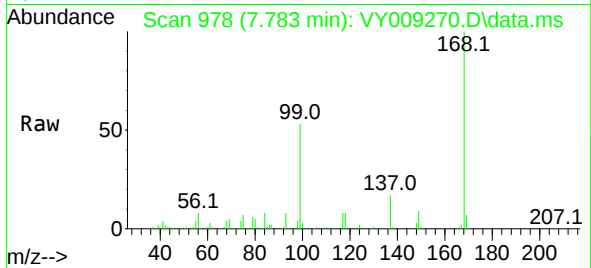
|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 13664    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 60.5 51.8 77.6 |





#31  
Cyclohexane  
Concen: 4.730 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

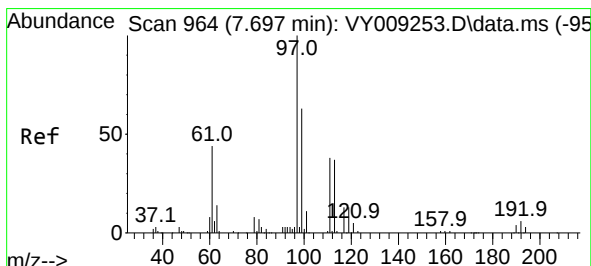
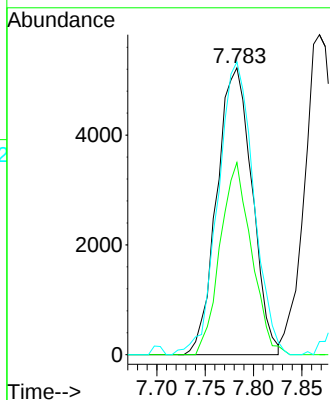
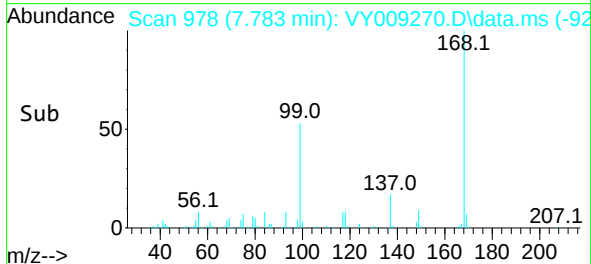
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



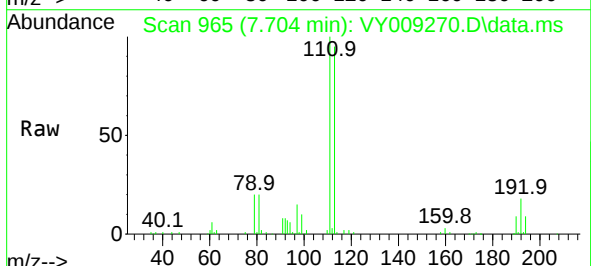
Tgt Ion: 56 Resp: 13240  
Ion Ratio Lower Upper  
56 100  
69 66.9 26.7 40.1  
84 100.4 67.2 100.8

Manual Integrations  
APPROVED

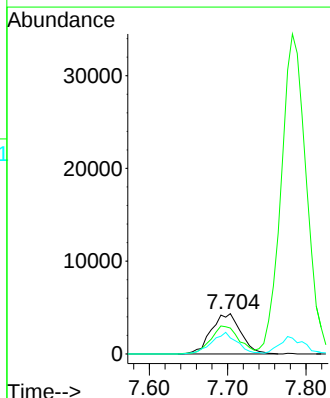
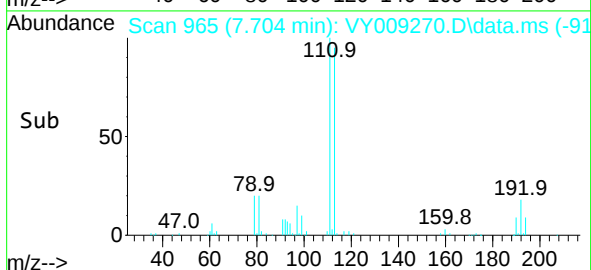
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

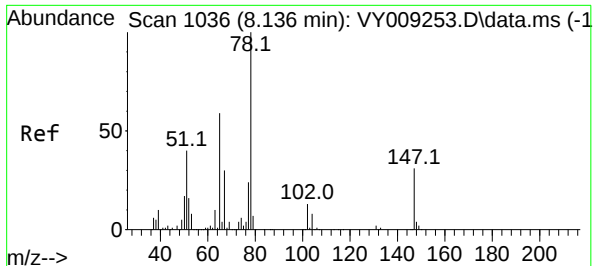


#32  
1,1,1-Trichloroethane  
Concen: 4.218 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion: 97 Resp: 11396  
Ion Ratio Lower Upper  
97 100  
99 66.0 50.7 76.1  
61 46.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.864 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

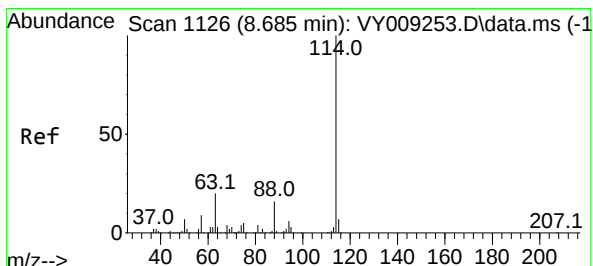
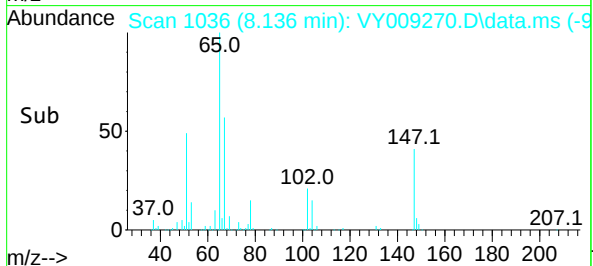
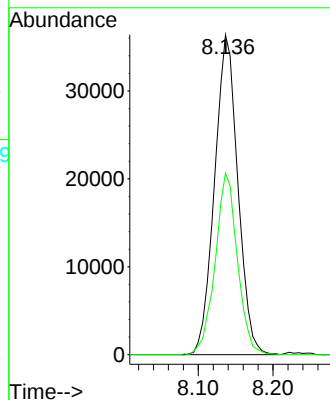
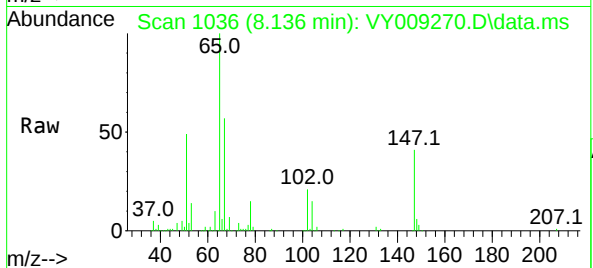
MDL-SOIL-03-QT2-2022

Tgt Ion: 65 Resp: 78794  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
 Supervised By :Semsettin Yesilyurt 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

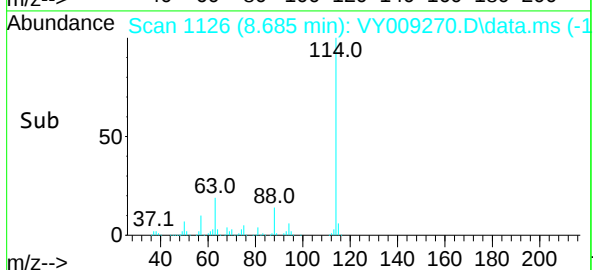
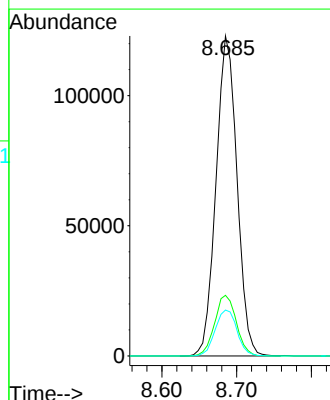
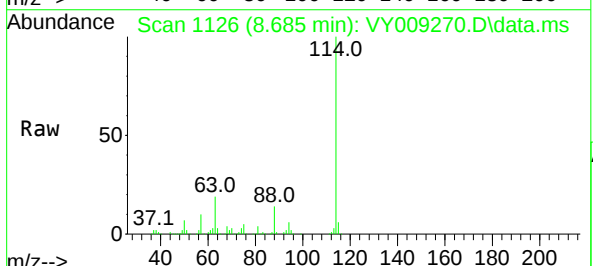
RT: 8.685 min Scan# 1126

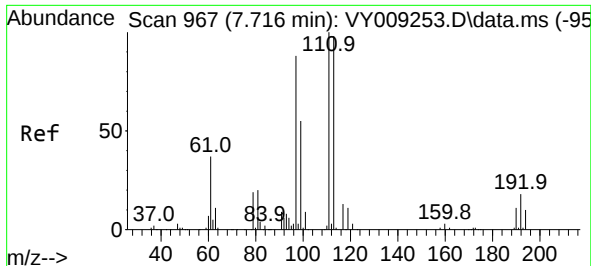
Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

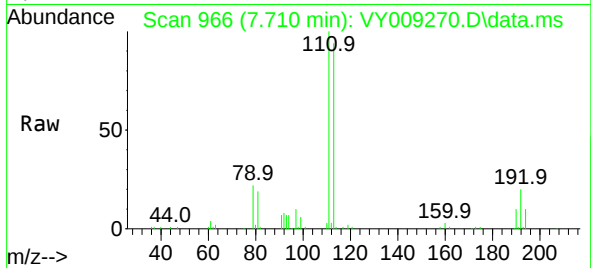
Tgt Ion:114 Resp: 240000  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 43.2  
 88 14.4 0.0 31.8





#35  
Dibromofluoromethane  
Concen: 48.599 ug/l  
RT: 7.710 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

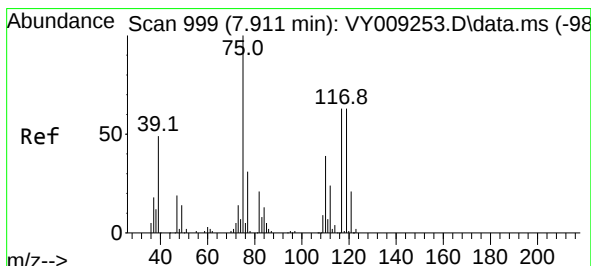
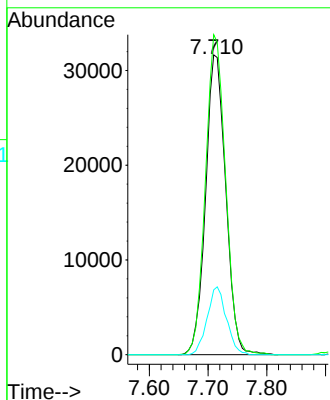
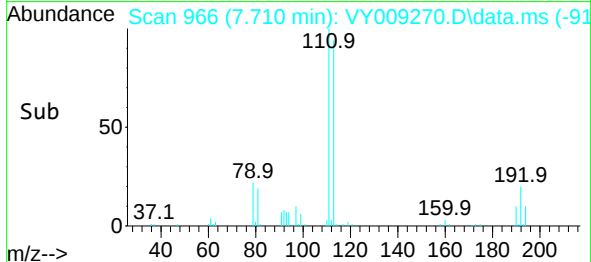
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



Tgt Ion: 113 Resp: 7553  
Ion Ratio Lower Upper  
113 100  
111 106.5 82.6 124.0  
192 21.6 17.6 26.4

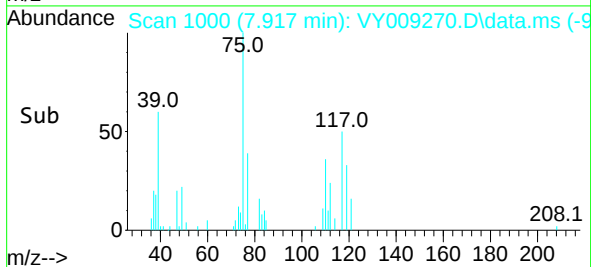
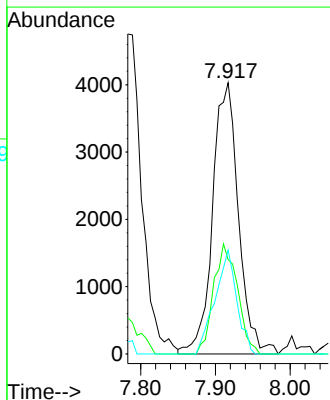
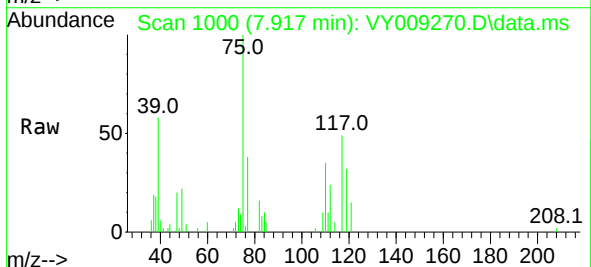
Manual Integrations  
APPROVED

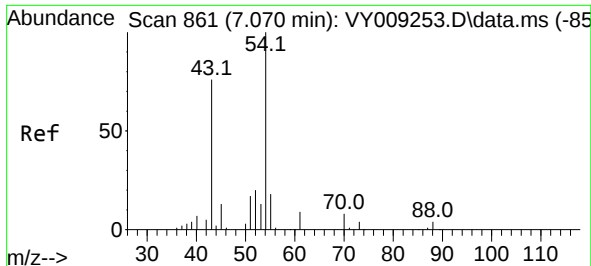
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#36  
1,1-Dichloropropene  
Concen: 4.097 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion: 75 Resp: 9690  
Ion Ratio Lower Upper  
75 100  
110 37.3 17.1 51.2  
77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 4.354 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.001 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

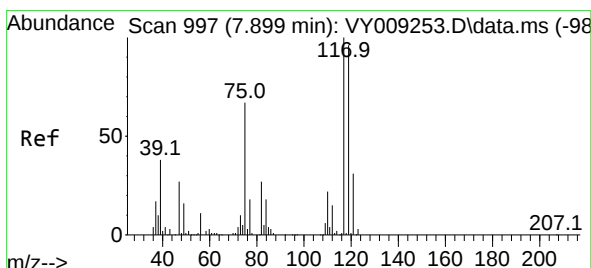
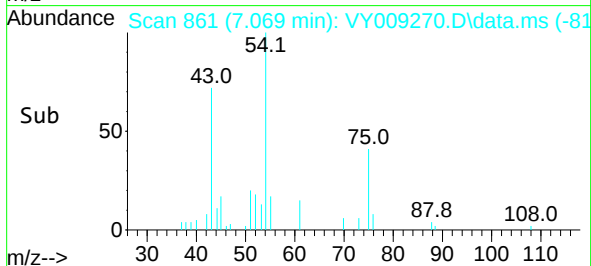
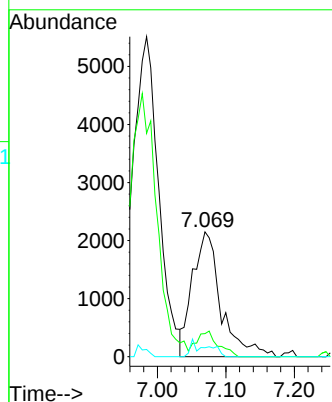
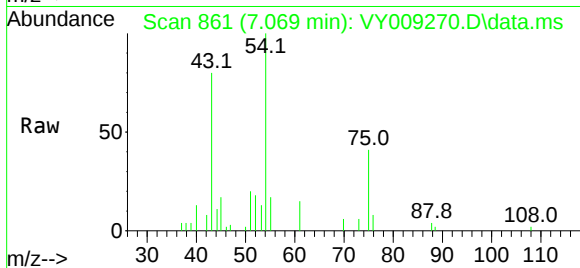
Tgt Ion: 43 Resp: 6228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 15.5  | 9.7   | 14.5  |
| 70  | 3.2   | 7.1   | 10.7  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#38

Carbon Tetrachloride

Concen: 4.052 ug/l

RT: 7.899 min Scan# 997

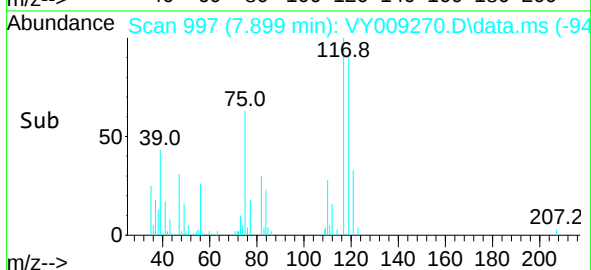
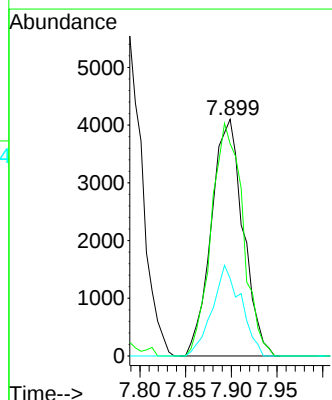
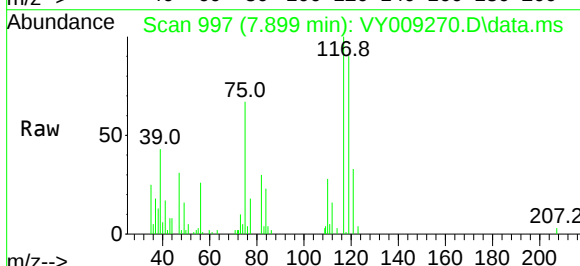
Delta R.T. -0.000 min

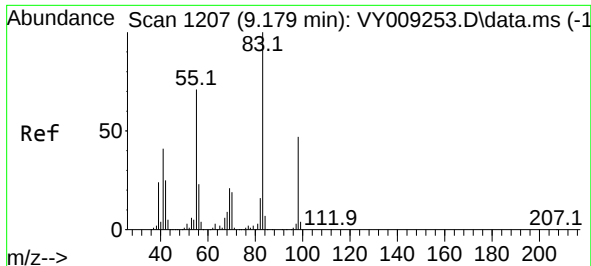
Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Tgt Ion:117 Resp: 9966

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 89.7  | 77.9  | 116.9 |
| 121 | 32.7  | 24.8  | 37.2  |





#39

Methylcyclohexane

Concen: 4.025 ug/l

RT: 9.179 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

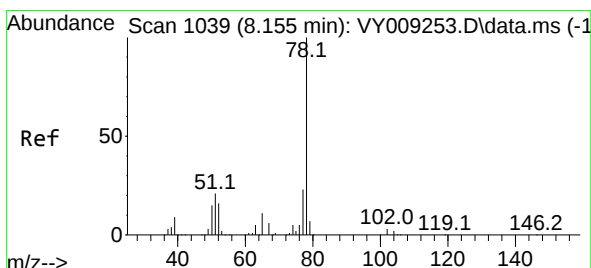
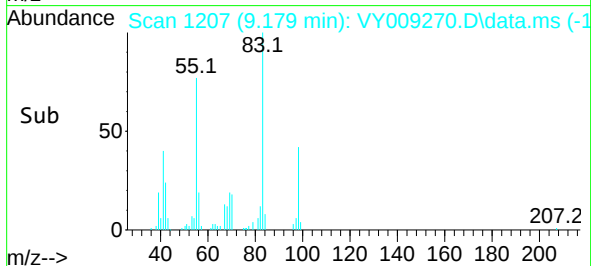
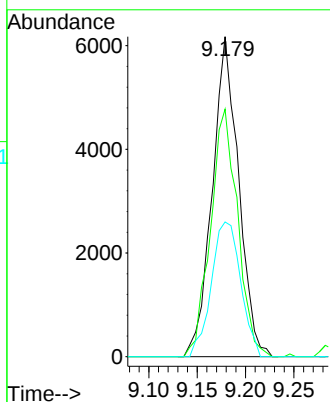
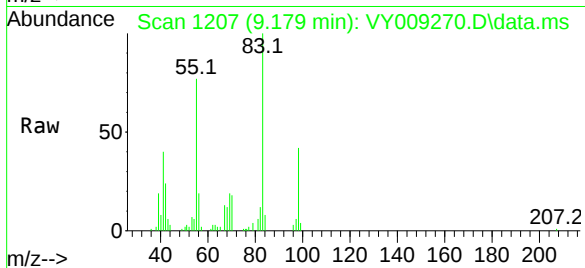
MDL-SOIL-03-QT2-2022

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1168  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 77.3     | 66.5 99.7   |
| 98 42.1     | 37.9 56.9   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#40

Benzene

Concen: 4.183 ug/l

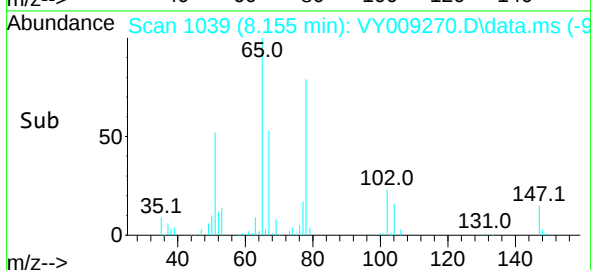
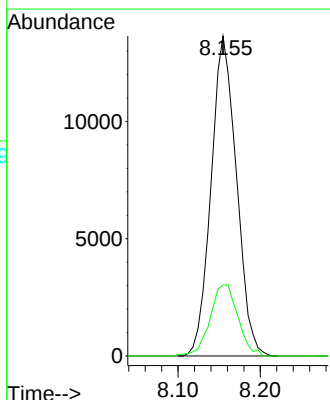
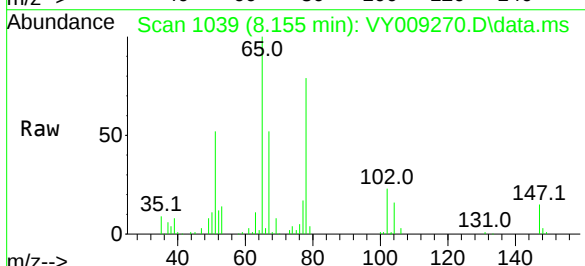
RT: 8.155 min Scan# 1039

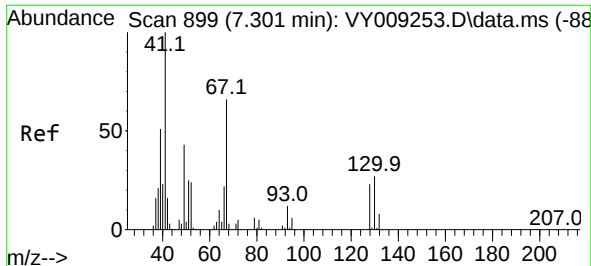
Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

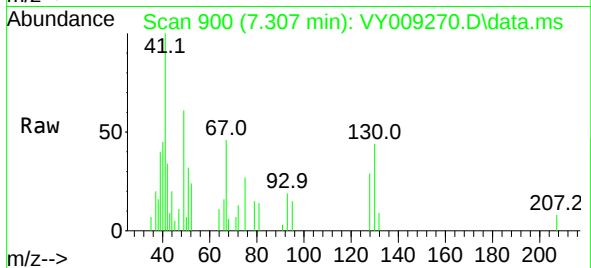
|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 29275 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 22.2     | 20.4 30.6   |





#41  
Methacrylonitrile  
Concen: 4.455 ug/l  
RT: 7.307 min Scan# 900  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

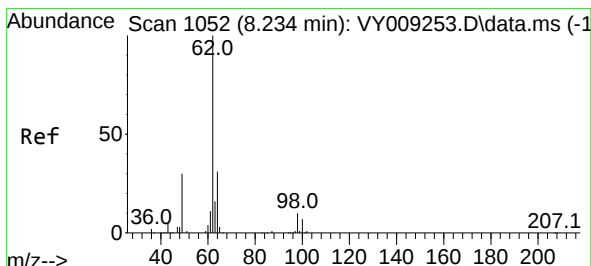
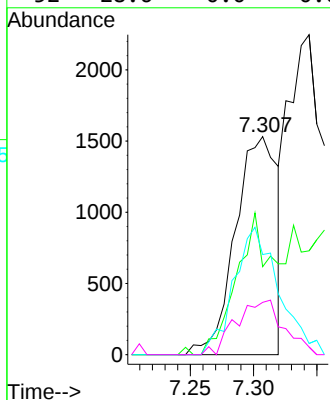
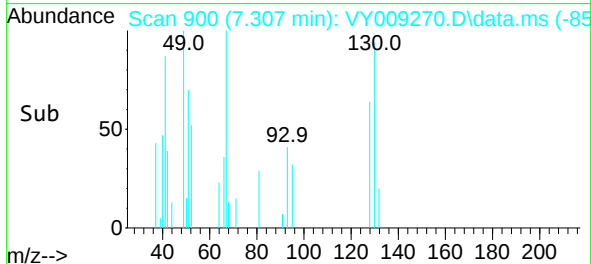
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



Tgt Ion: 41 Resp: 353  
Ion Ratio Lower Upper  
41 100  
39 54.0 92.9 139.3  
67 62.6 0.0 0.0  
52 28.6 0.0 0.0

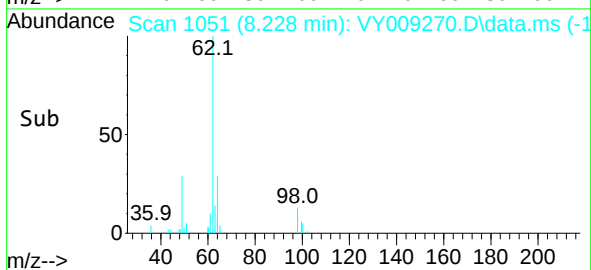
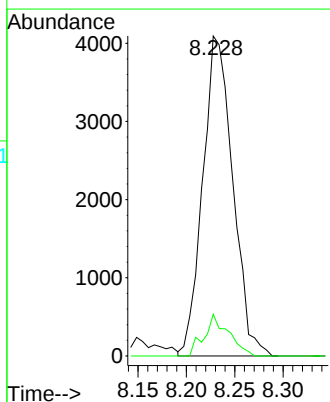
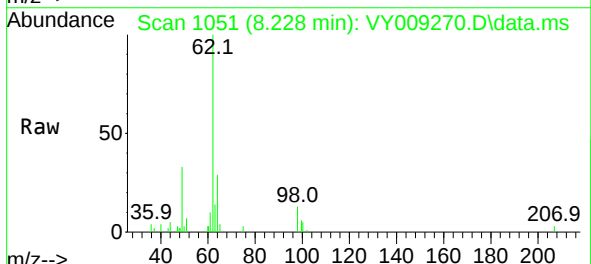
Manual Integrations  
APPROVED

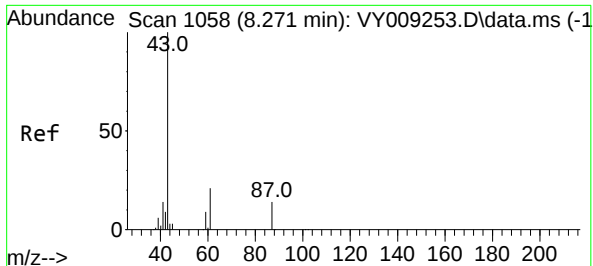
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#42  
1,2-Dichloroethane  
Concen: 4.406 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

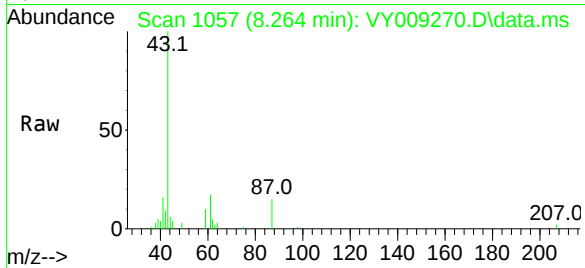
Tgt Ion: 62 Resp: 8848  
Ion Ratio Lower Upper  
62 100  
98 10.5 0.0 14.8





#43  
Isopropyl Acetate  
Concen: 4.225 ug/l  
RT: 8.264 min Scan# 1107  
Delta R.T. -0.007 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

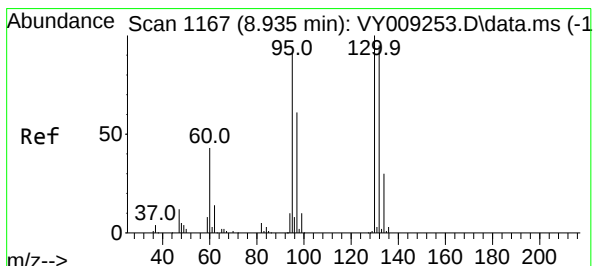
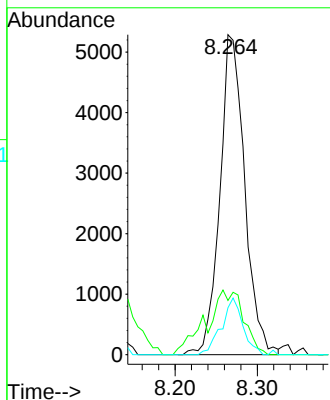
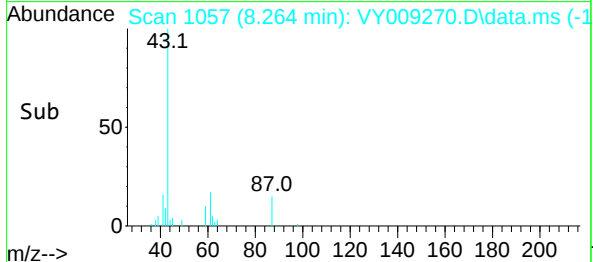
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion: 43 Resp: 11074  
Ion Ratio Lower Upper  
43 100  
61 30.5 20.2 30.2  
87 15.3 8.9 13.3

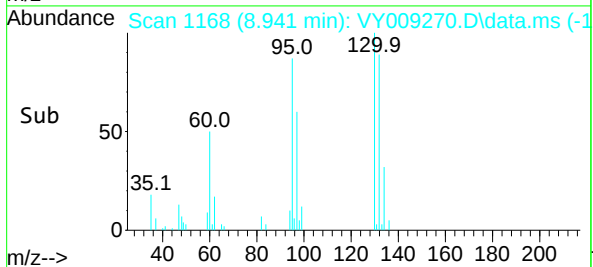
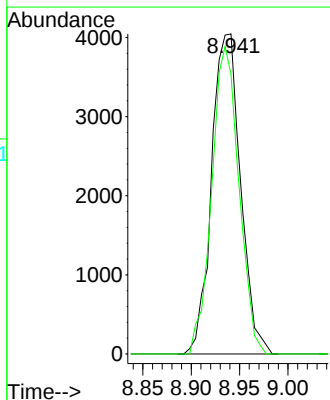
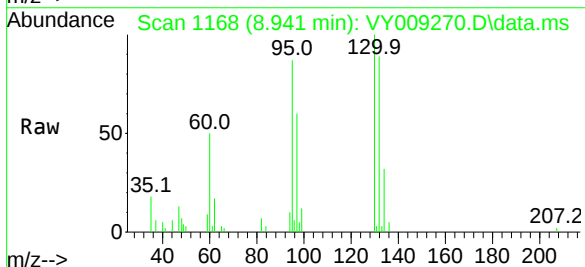
Manual Integrations  
APPROVED

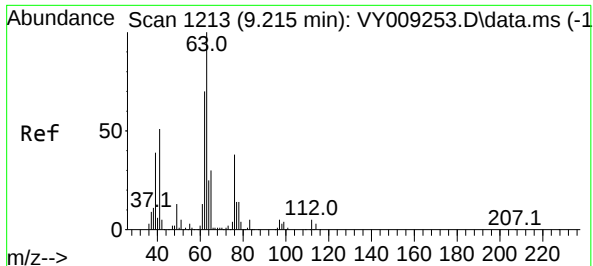
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#44  
Trichloroethene  
Concen: 4.271 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion:130 Resp: 8417  
Ion Ratio Lower Upper  
130 100  
95 87.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 4.161 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion: 63 Resp: 750

Ion Ratio Lower Upper

63 100

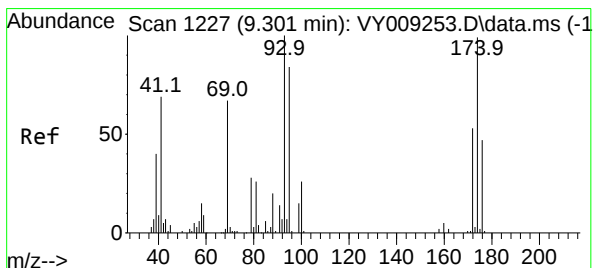
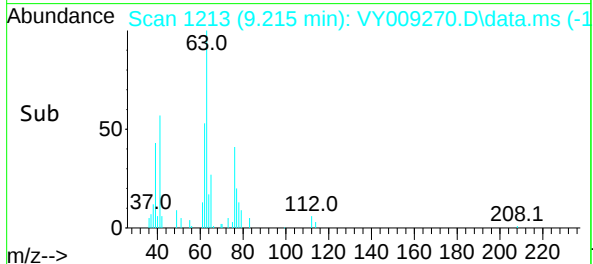
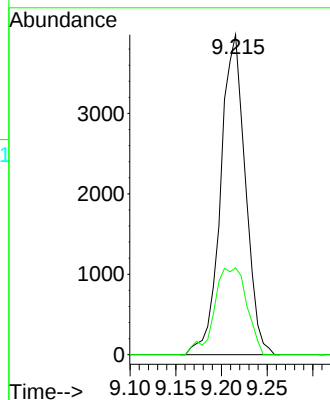
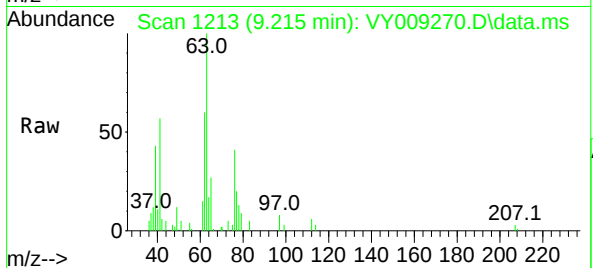
65 27.1 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#46

Dibromomethane

Concen: 4.001 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

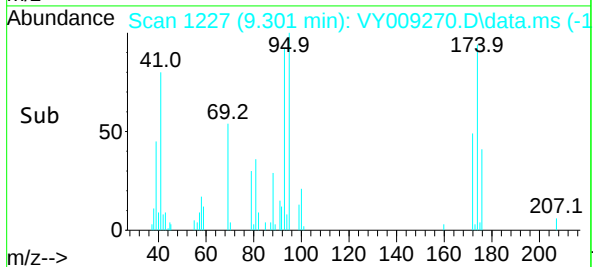
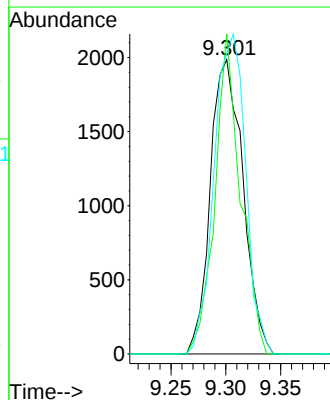
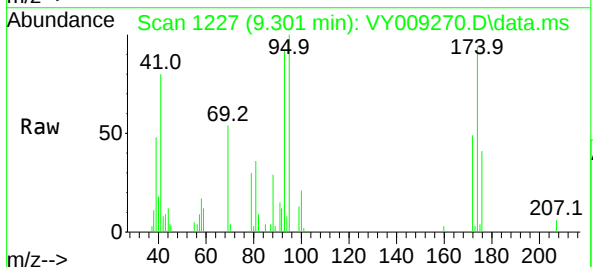
Tgt Ion: 93 Resp: 4102

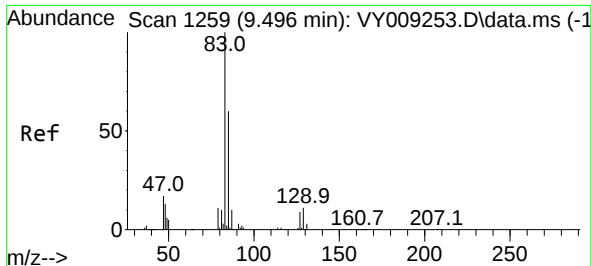
Ion Ratio Lower Upper

93 100

95 85.6 64.3 96.5

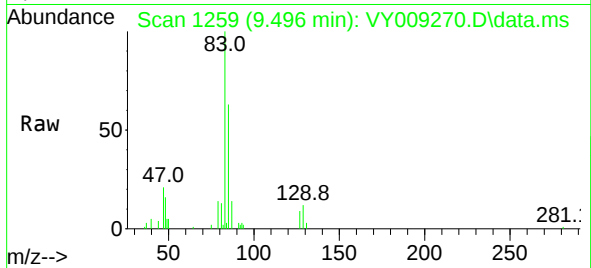
174 105.0 83.4 125.0





#47  
Bromodichloromethane  
Concen: 4.175 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

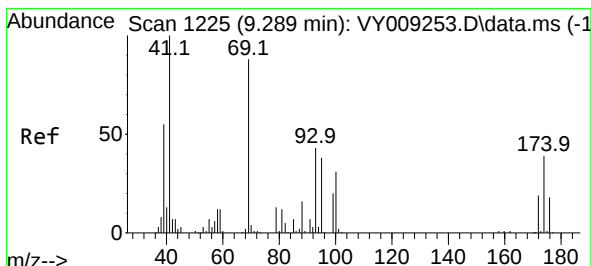
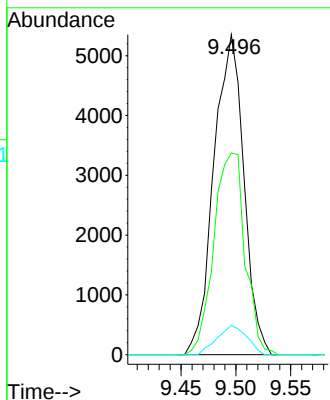
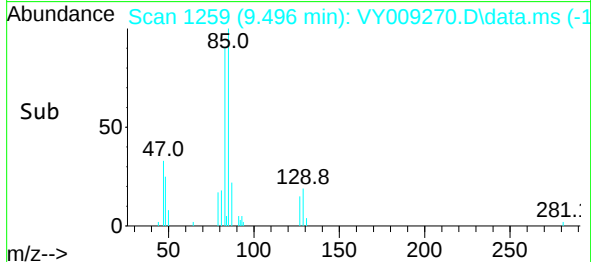
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022



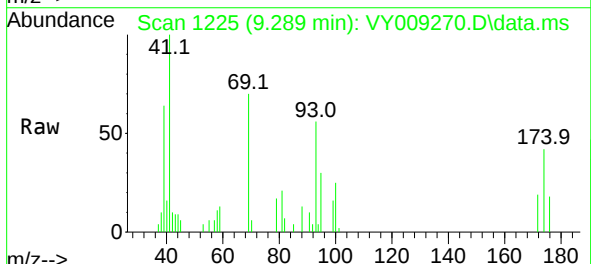
Tgt Ion: 83 Resp: 1016  
Ion Ratio Lower Upper  
83 100  
85 63.0 51.9 77.9  
127 9.2 6.6 10.0

Manual Integrations  
APPROVED

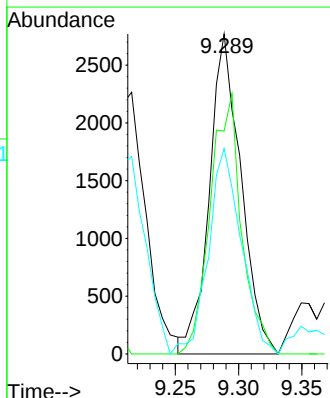
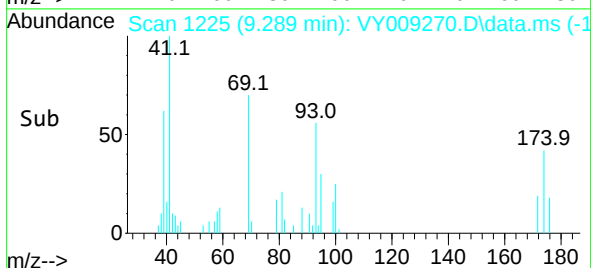
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

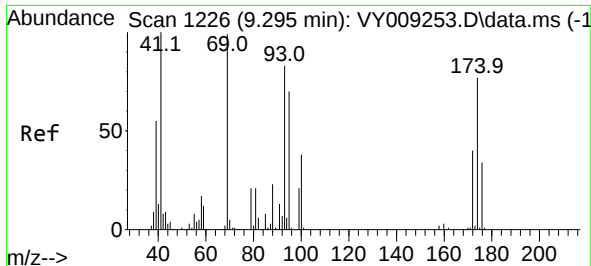


#48  
Methyl methacrylate  
Concen: 4.175 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion: 41 Resp: 4797  
Ion Ratio Lower Upper  
41 100  
69 80.9 58.2 87.2  
39 65.5 47.4 71.0





#49

1,4-Dioxane

Concen: 84.919 ug/l

RT: 9.301 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

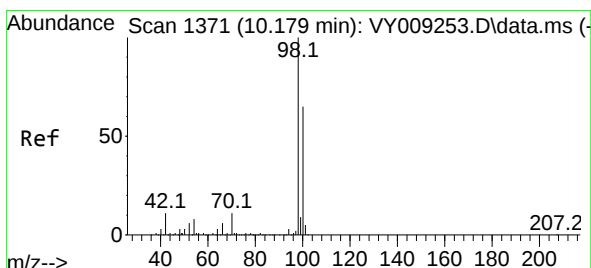
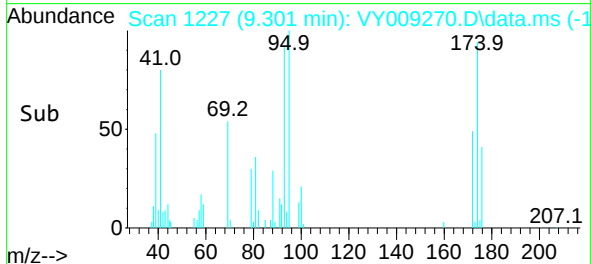
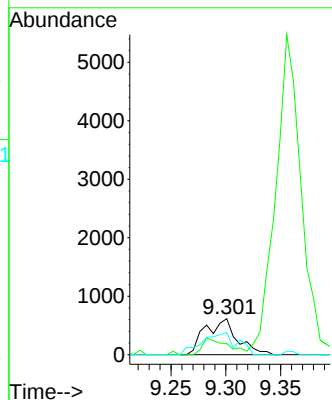
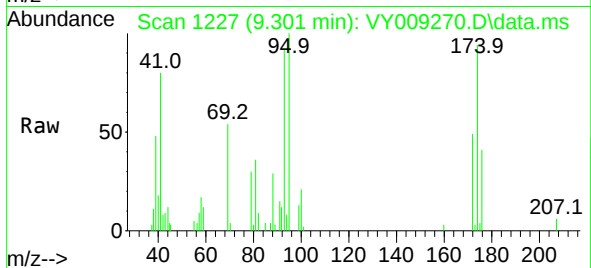
MDL-SOIL-03-QT2-2022

|             |             |
|-------------|-------------|
| Tgt Ion: 88 | Resp: 125   |
| Ion Ratio   | Lower Upper |
| 88 100      |             |
| 43 36.9     | 32.8 49.2   |
| 58 66.3     | 59.8 89.6   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#50

Toluene-d8

Concen: 48.693 ug/l

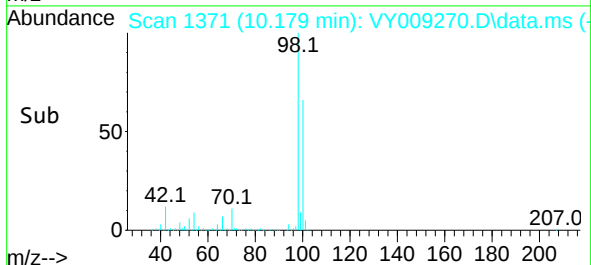
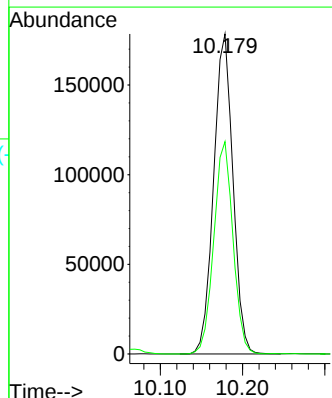
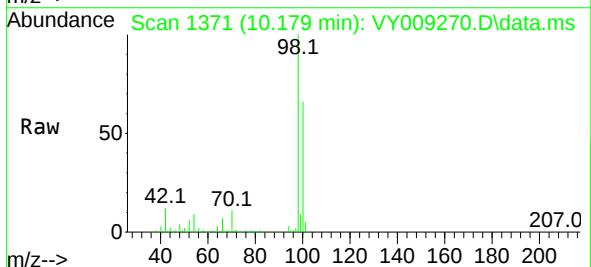
RT: 10.179 min Scan# 1371

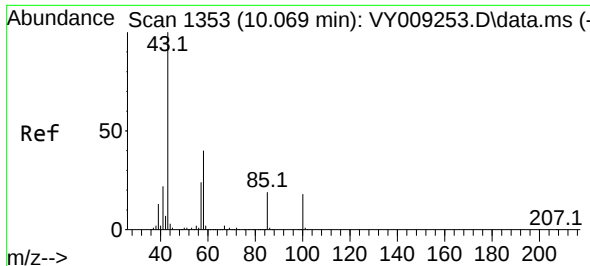
Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

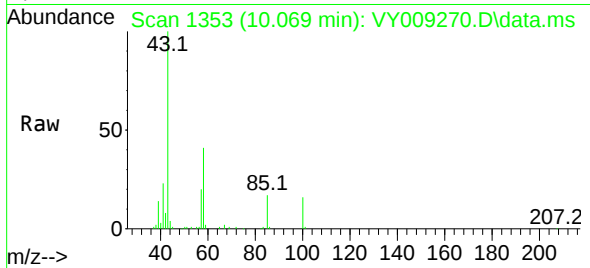
|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 290733 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 66.1    | 50.2 75.2    |





#51  
4-Methyl-2-Pentanone  
Concen: 21.414 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

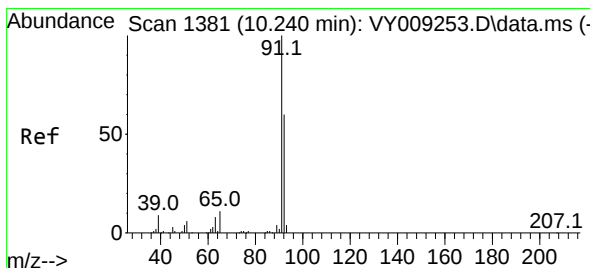
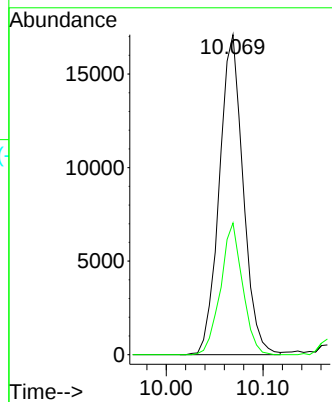
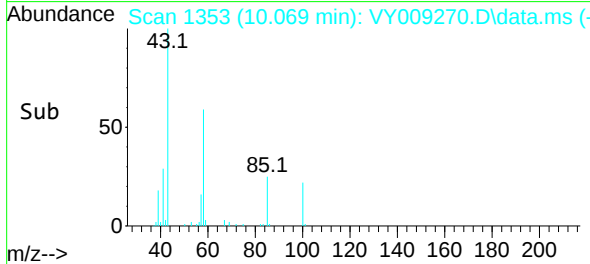
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



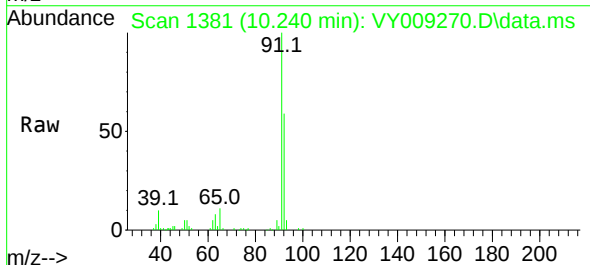
Tgt Ion: 43 Resp: 2919  
Ion Ratio Lower Upper  
43 100  
58 37.9 28.1 42.1

Manual Integrations  
APPROVED

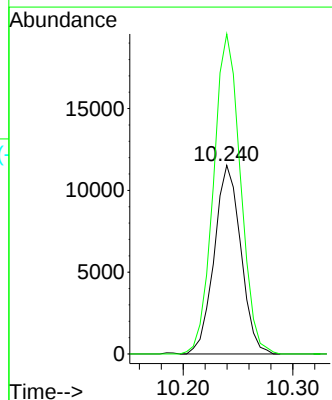
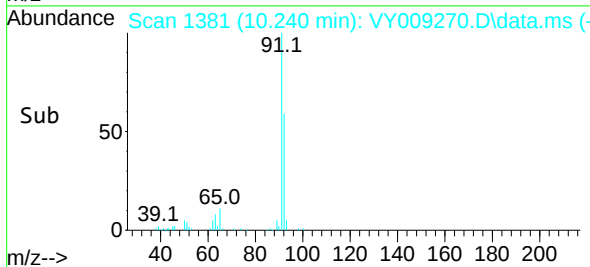
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

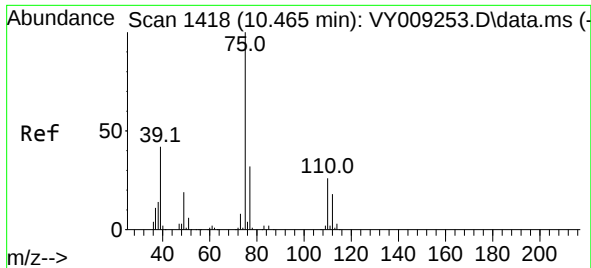


#52  
Toluene  
Concen: 4.392 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion: 92 Resp: 19428  
Ion Ratio Lower Upper  
92 100  
91 172.2 142.6 213.8





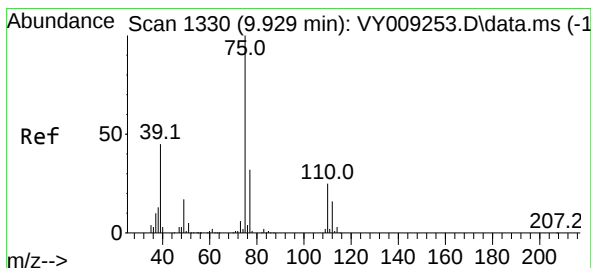
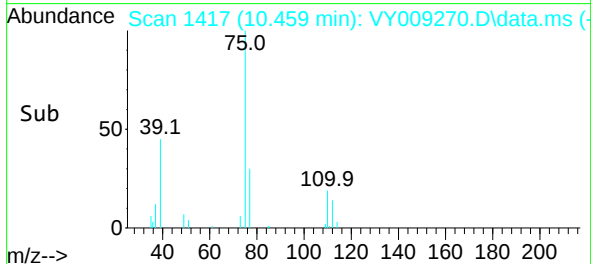
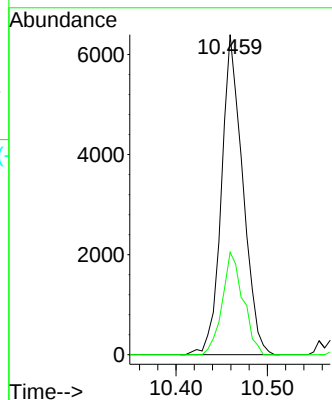
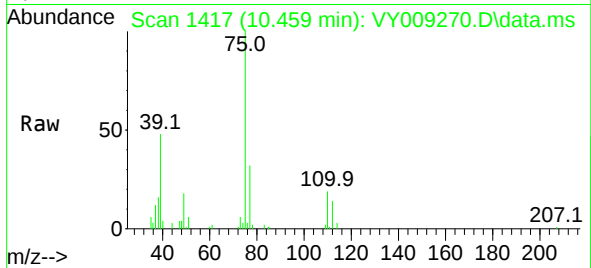
#53  
t-1,3-Dichloropropene  
Concen: 4.097 ug/l  
RT: 10.459 min Scan# 1418  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion: 75 Resp: 1037  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.4 38.2

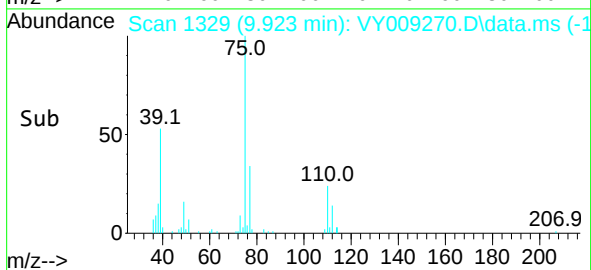
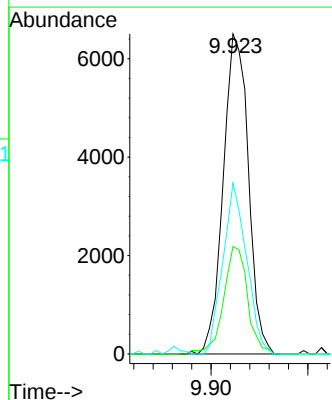
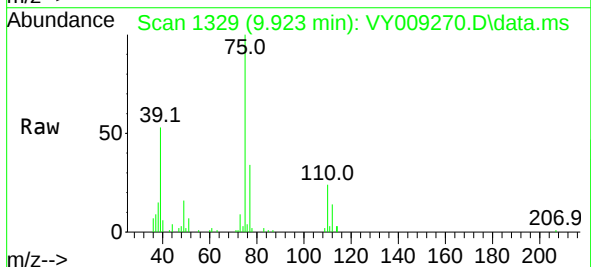
Manual Integrations  
APPROVED

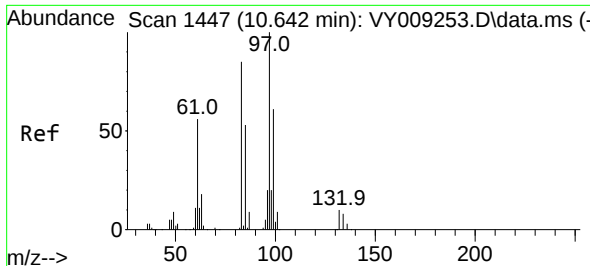
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#54  
cis-1,3-Dichloropropene  
Concen: 4.076 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

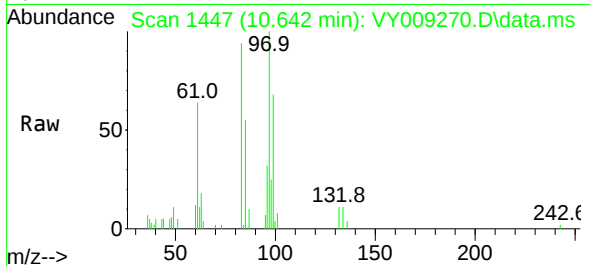
Tgt Ion: 75 Resp: 11744  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.6 38.4  
39 53.4 47.6 71.4





#55  
1,1,2-Trichloroethane  
Concen: 4.249 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022

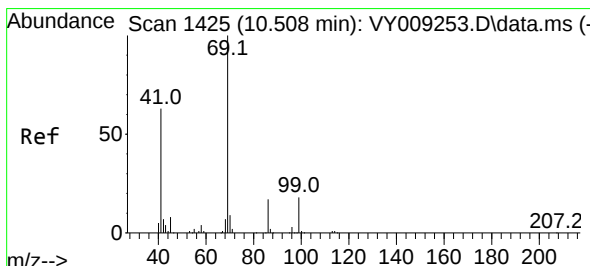
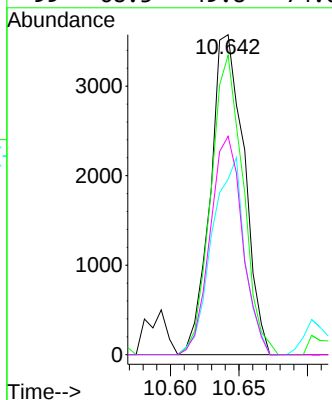
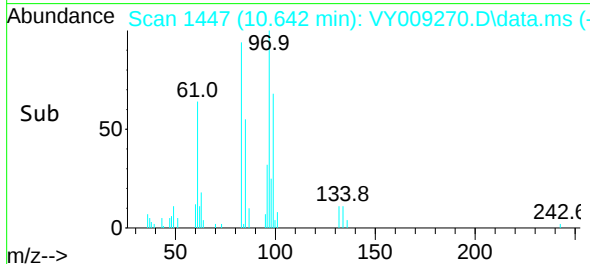


Tgt Ion: 97 Resp: 6114

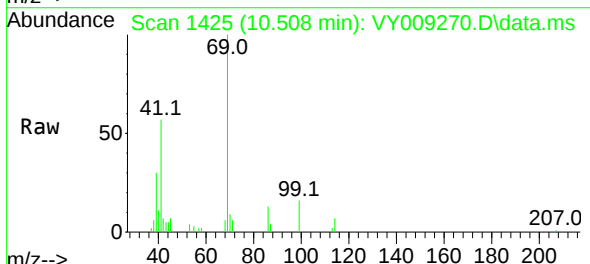
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 93.6  | 69.8  | 104.8 |
| 85  | 54.8  | 44.3  | 66.5  |
| 99  | 68.3  | 49.8  | 74.6  |

Manual Integrations  
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Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

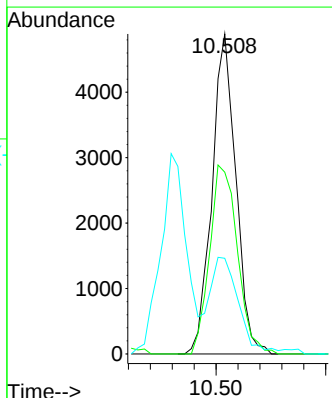
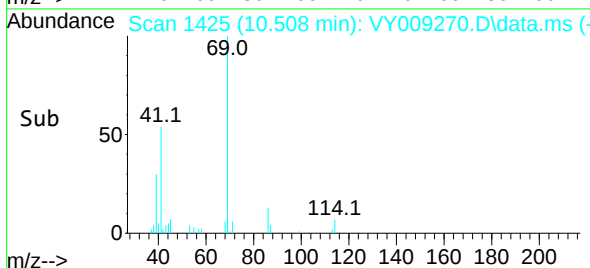


#56  
Ethyl methacrylate  
Concen: 3.891 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion: 69 Resp: 7406

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.5  | 63.4  | 95.0  |
| 39  | 35.0  | 35.8  | 53.8  |





#57

1,3-Dichloropropane

Concen: 4.172 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY009270.D

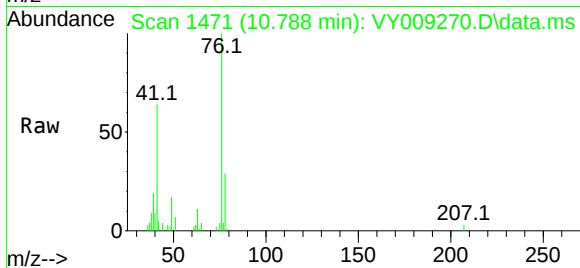
Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022



Tgt Ion: 76 Resp: 10272

Ion Ratio Lower Upper

76 100

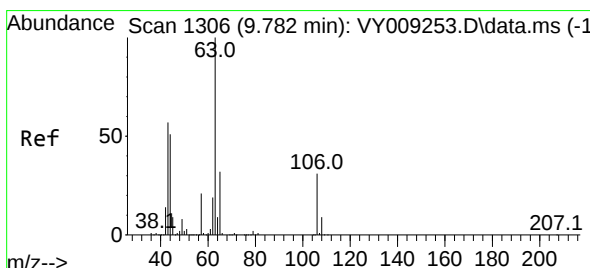
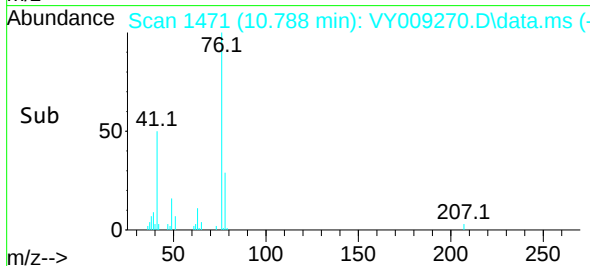
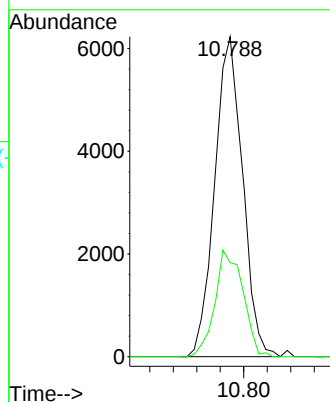
78 33.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.699 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY009270.D

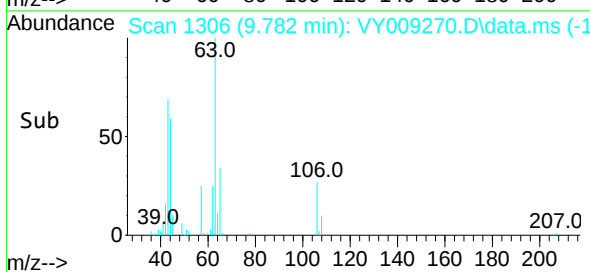
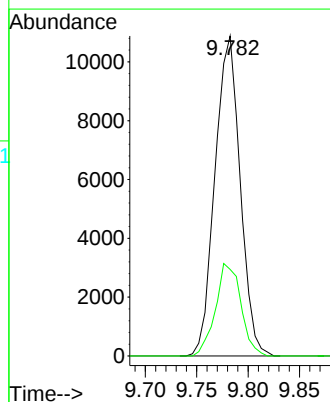
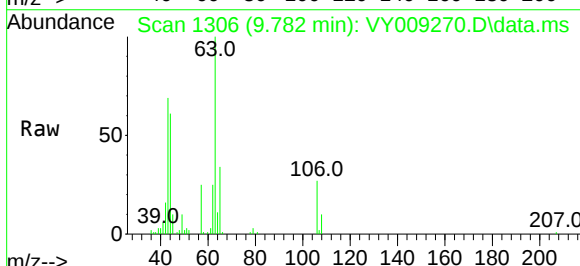
Acq: 22 Jun 2022 13:36

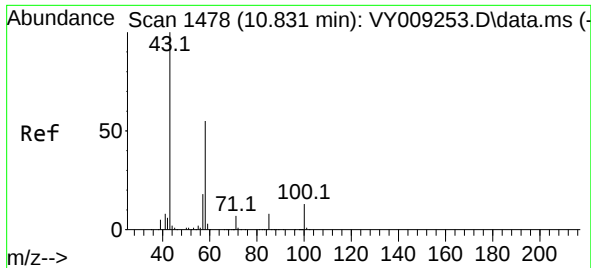
Tgt Ion: 63 Resp: 18536

Ion Ratio Lower Upper

63 100

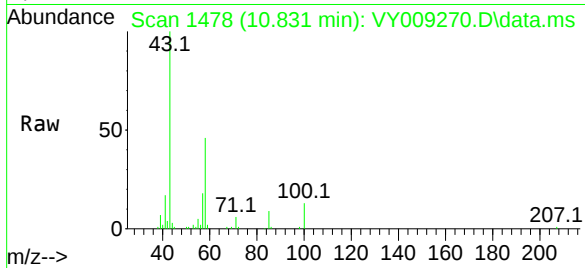
106 29.1 21.5 32.3





#59  
2-Hexanone  
Concen: 20.758 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

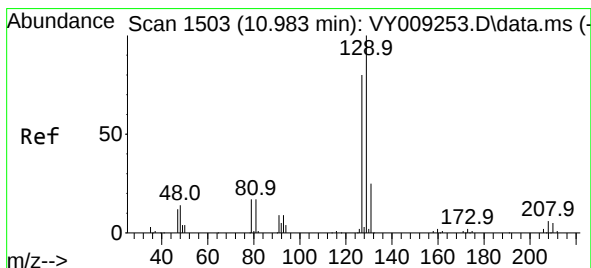
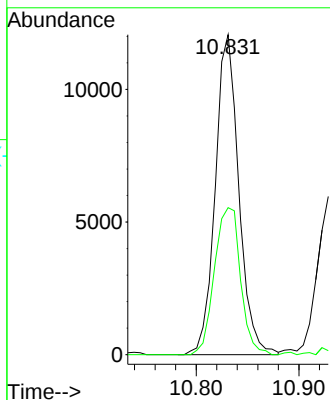
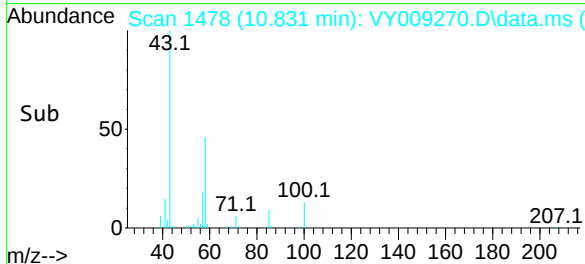
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



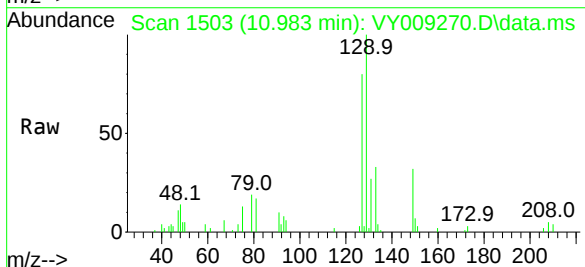
Tgt Ion: 43 Resp: 1915  
Ion Ratio Lower Upper  
43 100  
58 50.8 24.4 73.4

Manual Integrations  
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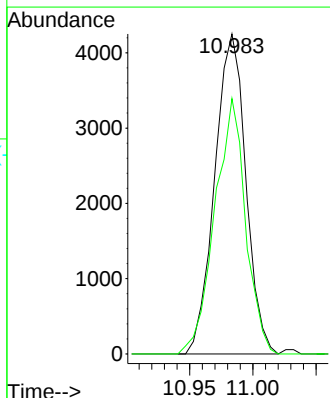
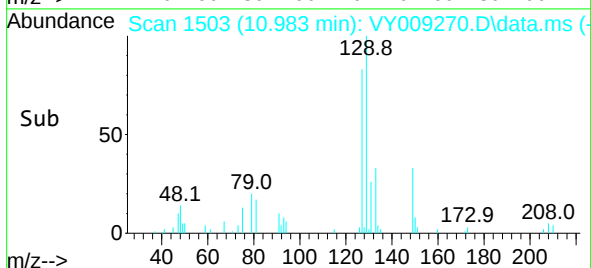
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

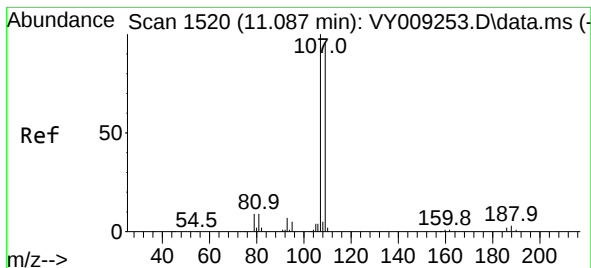


#60  
Dibromochloromethane  
Concen: 4.140 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



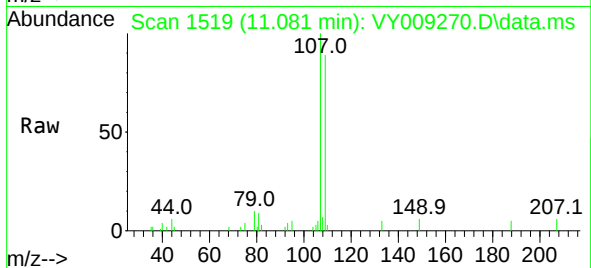
Tgt Ion:129 Resp: 7266  
Ion Ratio Lower Upper  
129 100  
127 78.9 38.7 116.1





#61  
1,2-Dibromoethane  
Concen: 3.986 ug/l  
RT: 11.081 min Scan# 1108  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

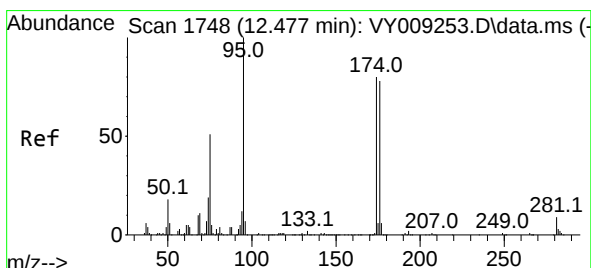
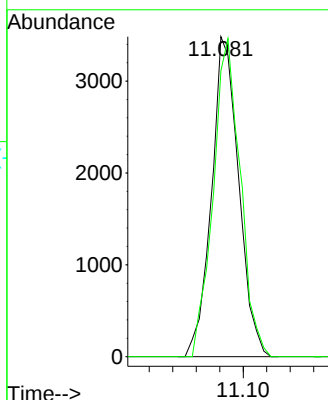
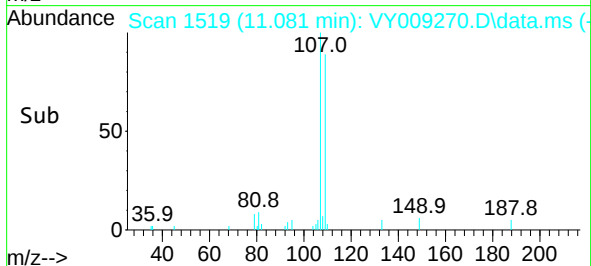
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



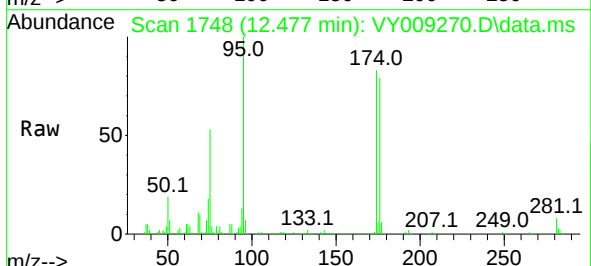
Tgt Ion:107 Resp: 5592  
Ion Ratio Lower Upper  
107 100  
109 99.4 75.4 113.2

Manual Integrations  
APPROVED

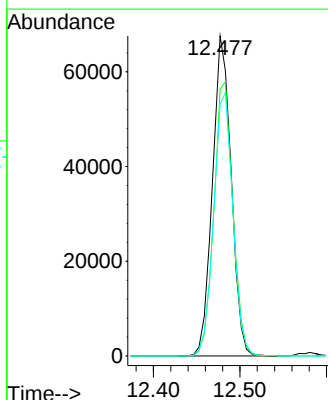
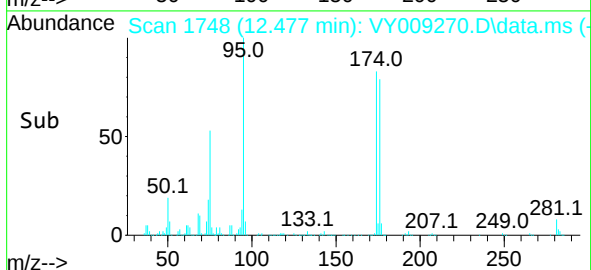
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

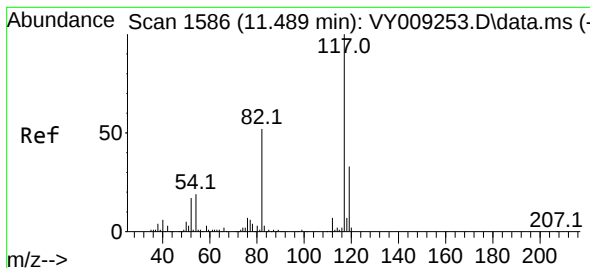


#62  
4-Bromofluorobenzene  
Concen: 48.359 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



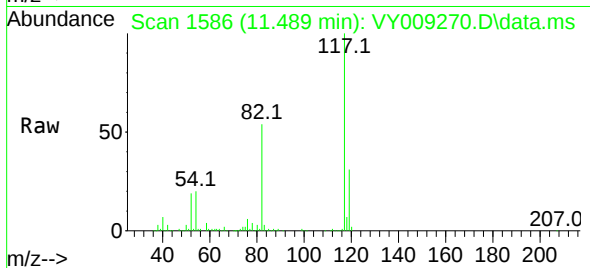
Tgt Ion: 95 Resp: 101460  
Ion Ratio Lower Upper  
95 100  
174 86.8 0.0 177.0  
176 84.5 0.0 175.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

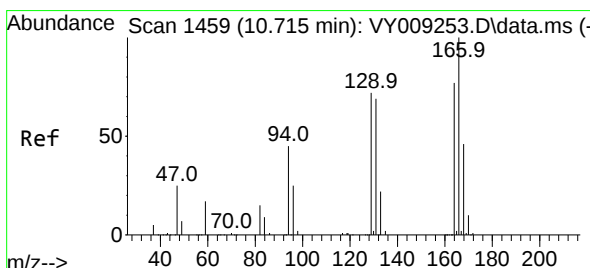
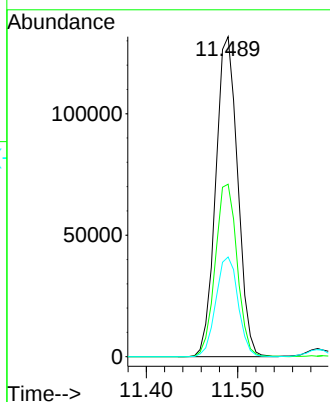
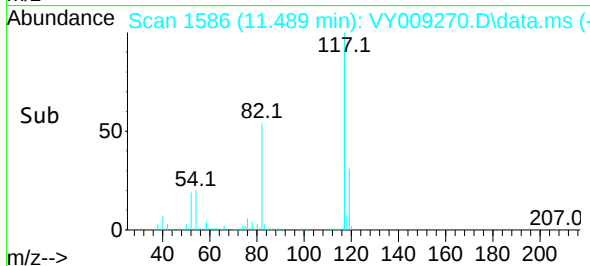
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



Tgt Ion:117 Resp: 21994  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.0 64.4  
119 31.2 25.4 38.0

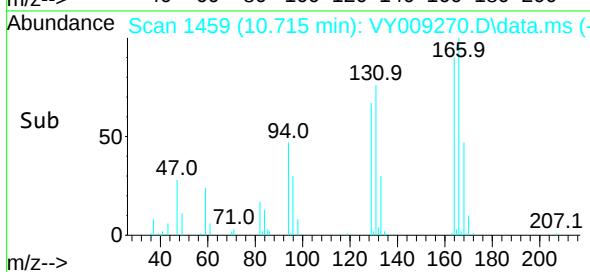
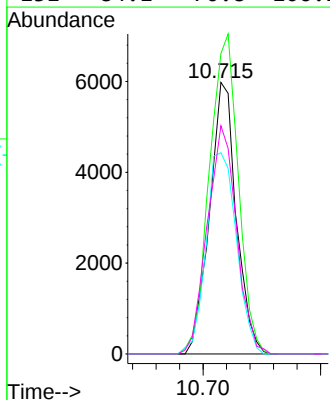
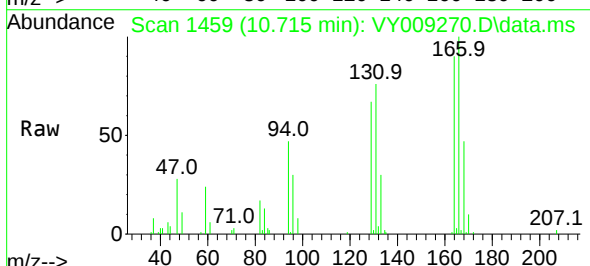
Manual Integrations  
APPROVED

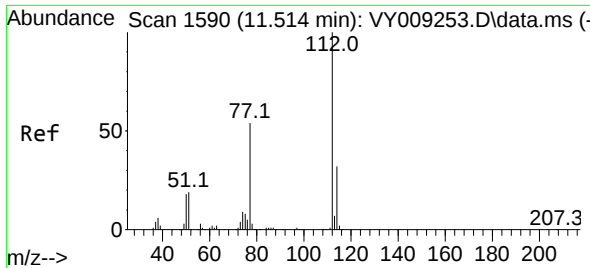
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#64  
Tetrachloroethene  
Concen: 4.445 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

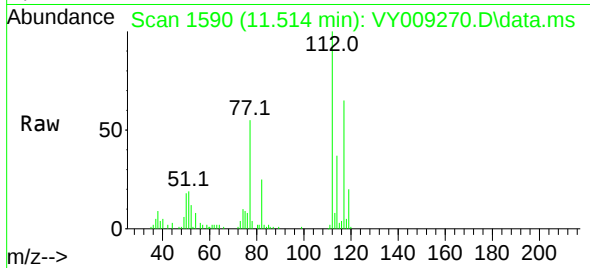
Tgt Ion:164 Resp: 9433  
Ion Ratio Lower Upper  
164 100  
166 110.7 100.4 150.6  
129 74.1 71.4 107.0  
131 84.1 70.8 106.2





#65  
Chlorobenzene  
Concen: 4.222 ug/l  
RT: 11.514 min Scan# 11590  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

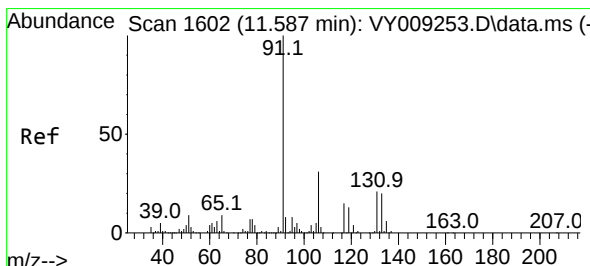
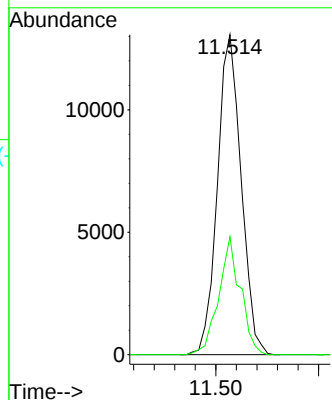
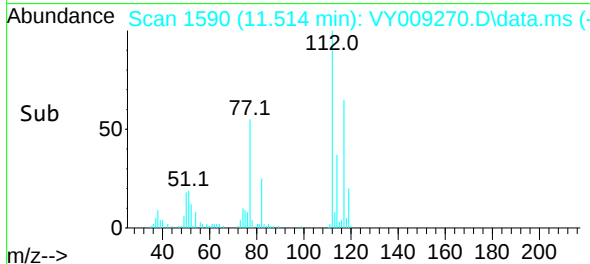
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



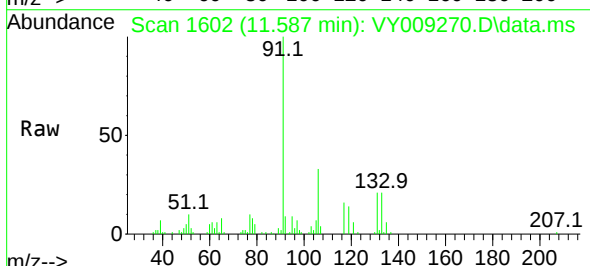
Tgt Ion:112 Resp: 20920  
Ion Ratio Lower Upper  
112 100  
114 36.9 25.8 38.6

Manual Integrations  
APPROVED

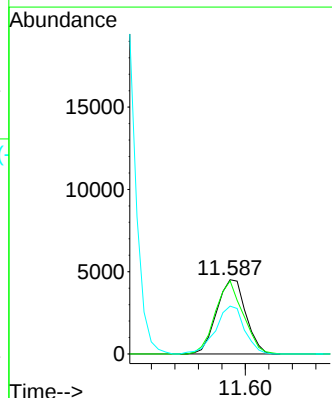
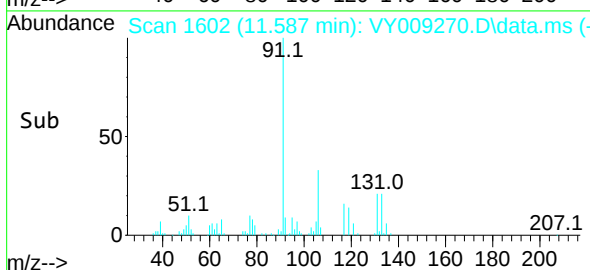
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

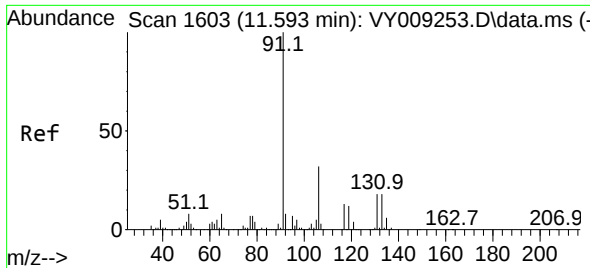


#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.284 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



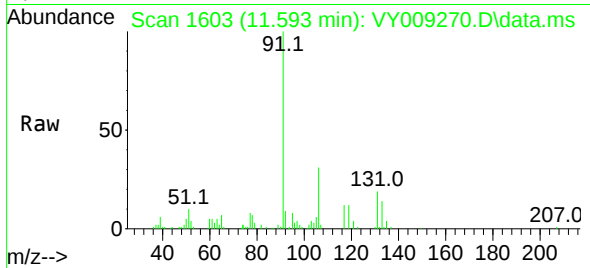
Tgt Ion:131 Resp: 7760  
Ion Ratio Lower Upper  
131 100  
133 93.8 47.9 143.6  
119 64.1 30.8 92.3





#67  
Ethyl Benzene  
Concen: 4.096 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

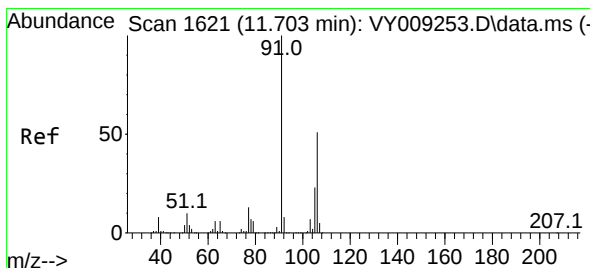
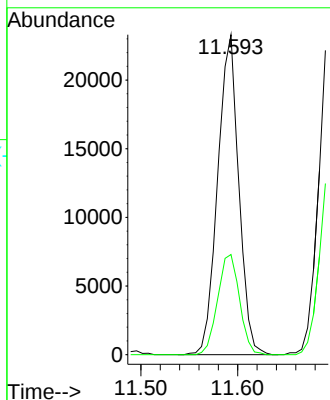
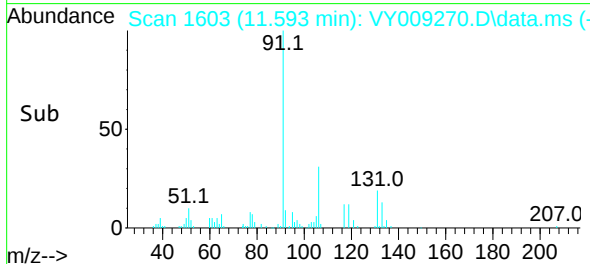
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



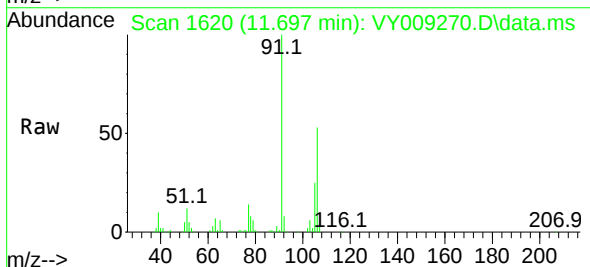
Tgt Ion: 91 Resp: 35169  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.5 36.7

Manual Integrations  
APPROVED

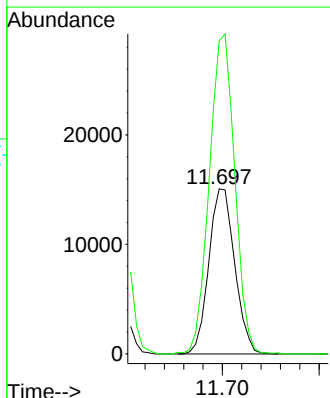
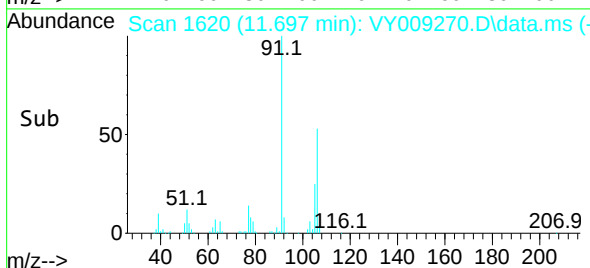
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

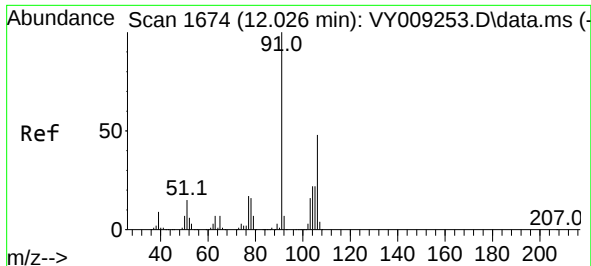


#68  
m/p-Xylenes  
Concen: 8.321 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion:106 Resp: 28036  
Ion Ratio Lower Upper  
106 100  
91 190.8 166.6 249.8





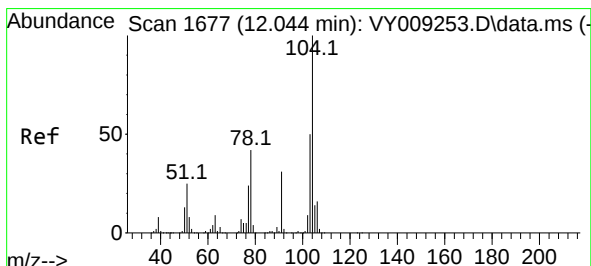
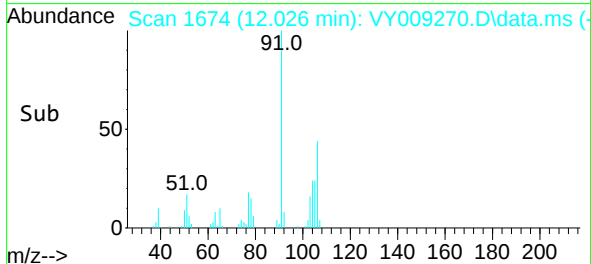
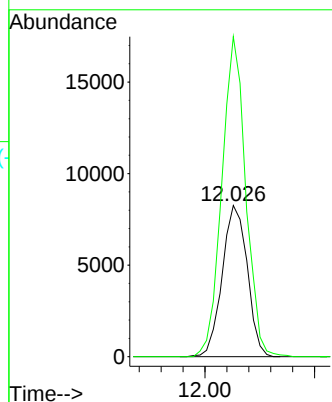
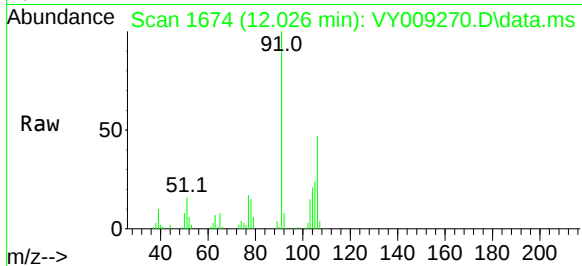
#69  
o-Xylene  
Concen: 4.092 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion:106 Resp: 1311  
Ion Ratio Lower Upper  
106 100  
91 201.8 110.3 331.0

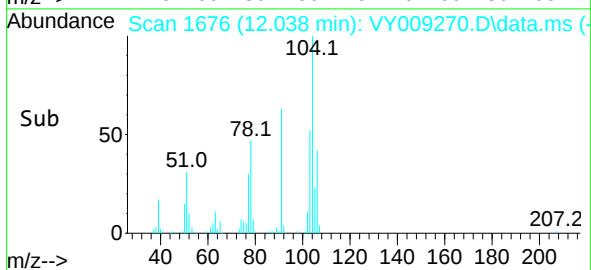
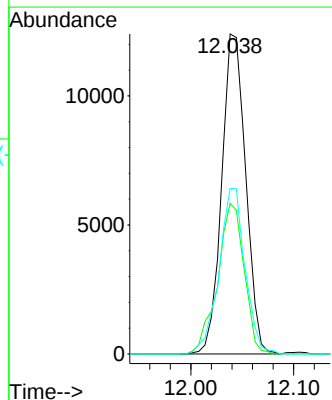
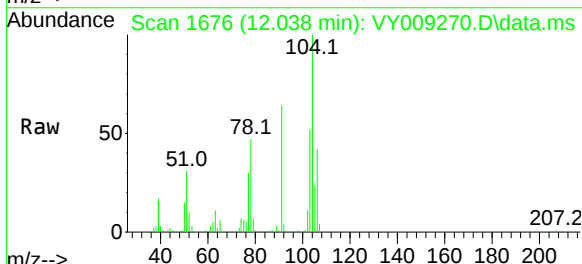
Manual Integrations  
APPROVED

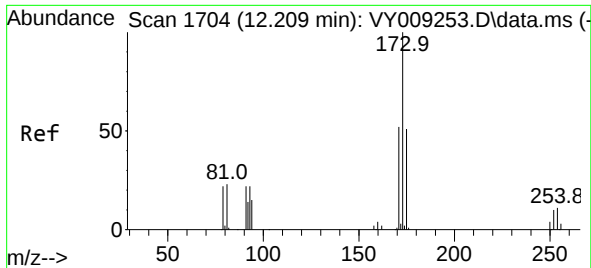
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#70  
Styrene  
Concen: 3.784 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

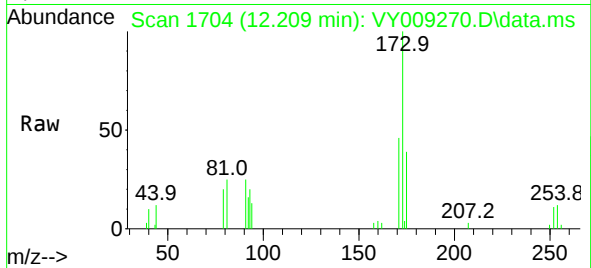
Tgt Ion:104 Resp: 20107  
Ion Ratio Lower Upper  
104 100  
78 52.0 42.4 63.6  
103 56.3 44.4 66.6





#71  
Bromoform  
Concen: 3.911 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

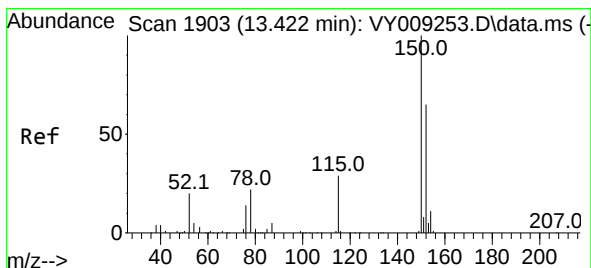
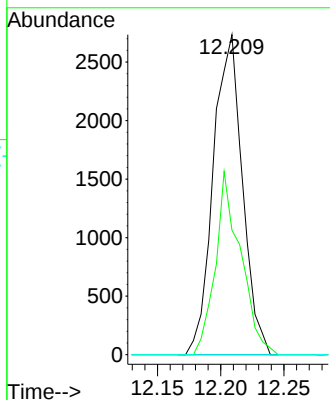
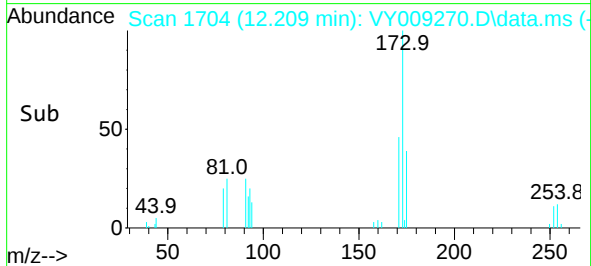
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



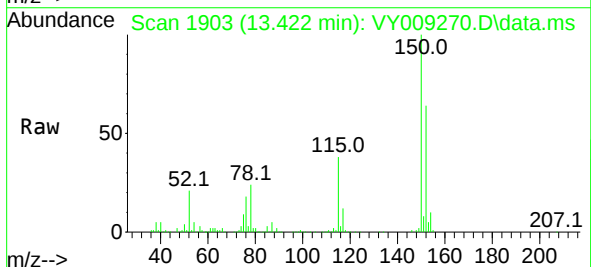
Tgt Ion:173 Resp: 4379  
Ion Ratio Lower Upper  
173 100  
175 49.5 24.6 74.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

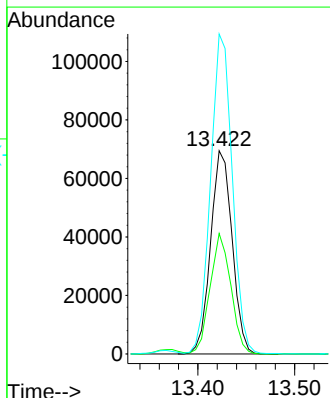
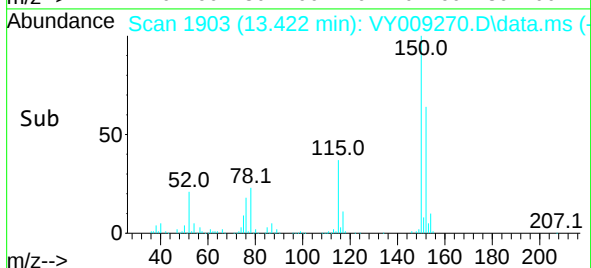
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

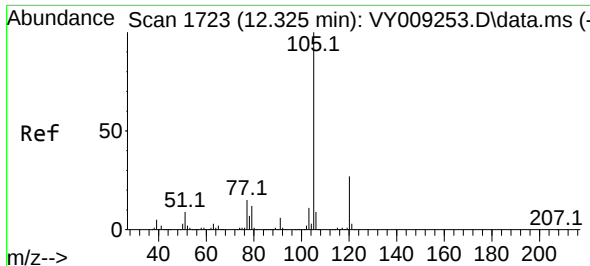


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



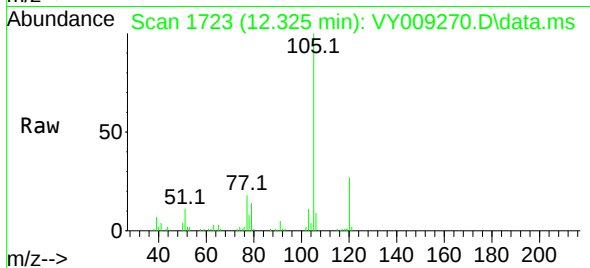
Tgt Ion:152 Resp: 107220  
Ion Ratio Lower Upper  
152 100  
115 57.0 28.2 84.7  
150 158.8 0.0 347.6





#73  
Isopropylbenzene  
Concen: 3.956 ug/l  
RT: 12.325 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

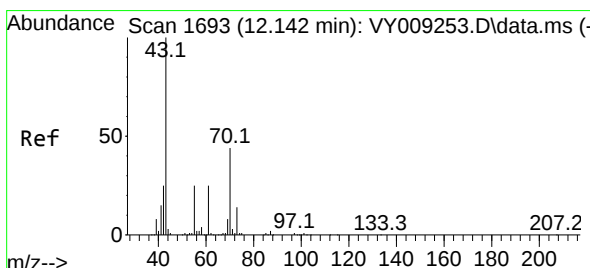
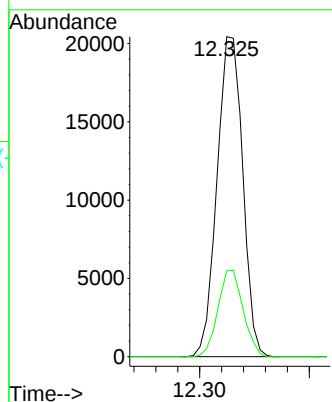
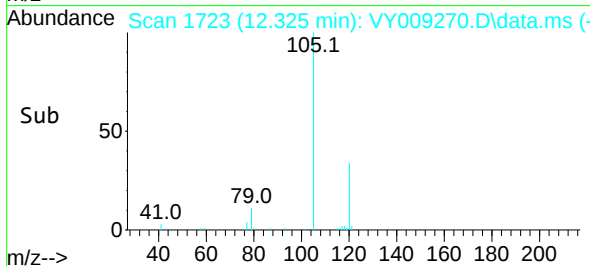
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



Tgt Ion:105 Resp: 33274  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.4 40.2

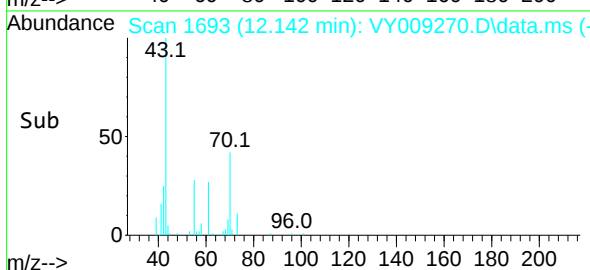
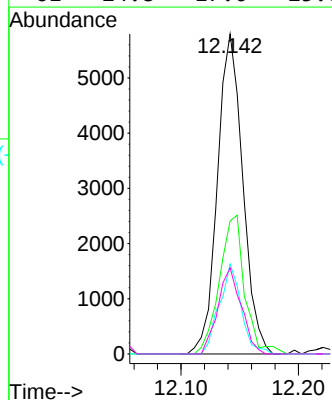
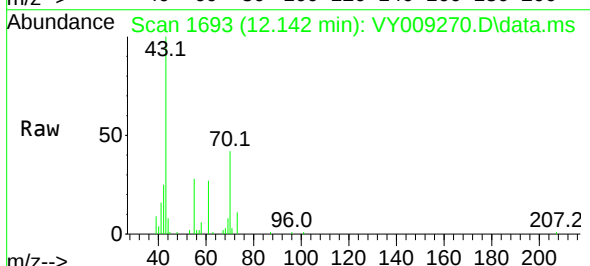
Manual Integrations  
APPROVED

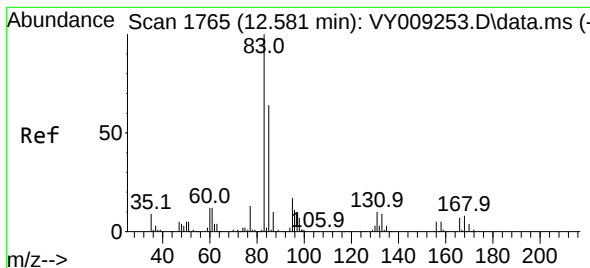
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#74  
N-ethyl acetate  
Concen: 3.865 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion: 43 Resp: 8685  
Ion Ratio Lower Upper  
43 100  
70 43.2 28.7 43.1#  
55 24.3 17.3 25.9  
61 24.8 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.412 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

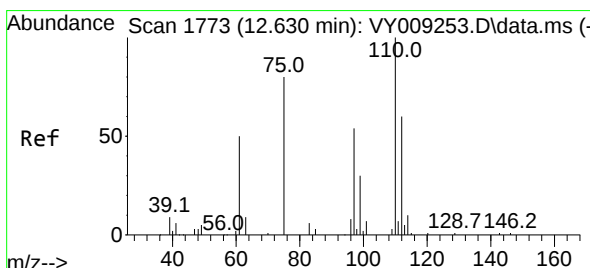
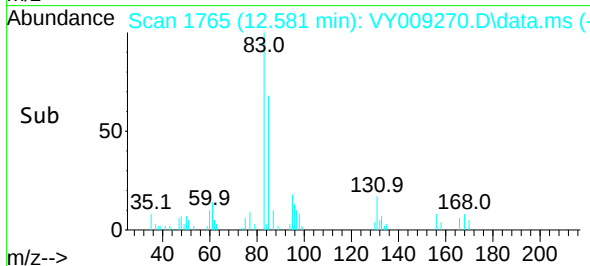
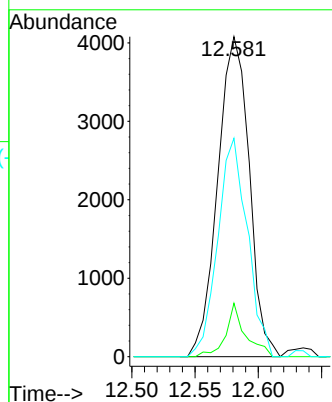
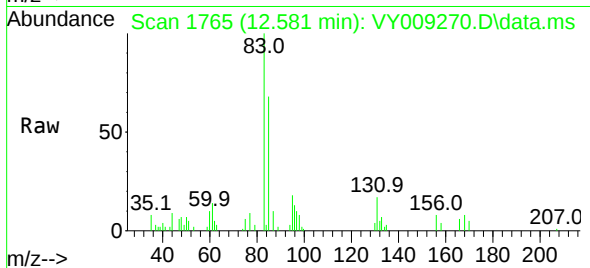
MDL-SOIL-03-QT2-2022

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 706   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 10.4    | 5.6 16.8    |
| 85 64.3     | 32.3 96.8   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#76

1,2,3-Trichloropropane

Concen: 4.816 ug/l m

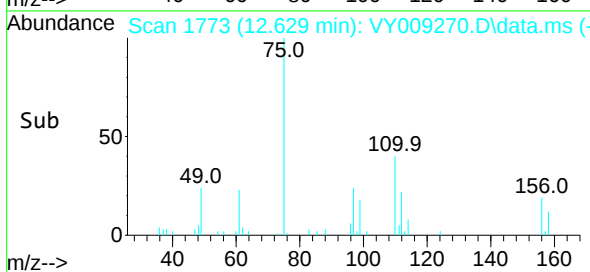
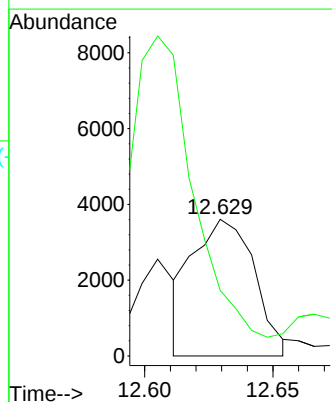
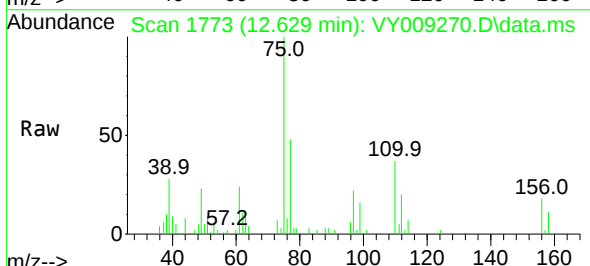
RT: 12.629 min Scan# 1773

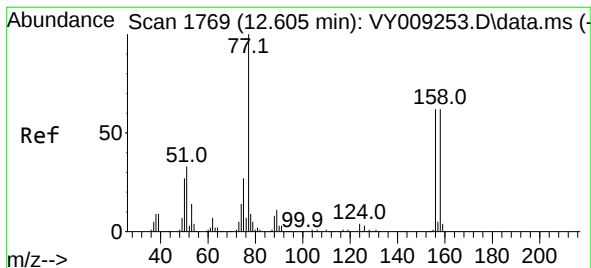
Delta R.T. -0.001 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 6054  |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 0.0 0.0     |





#77

Bromobenzene

Concen: 4.328 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

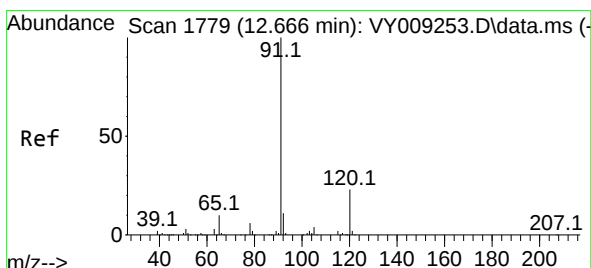
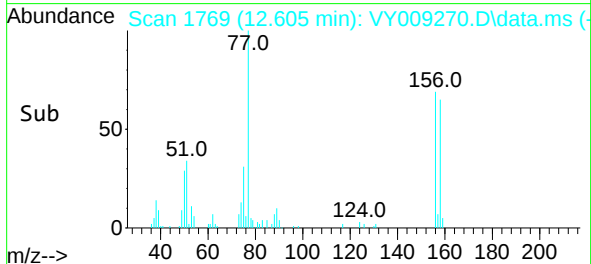
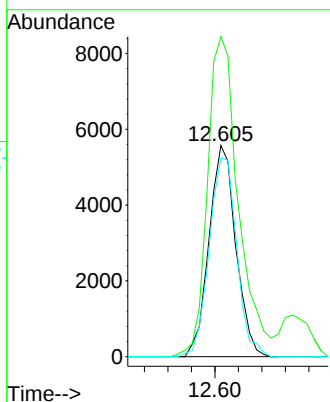
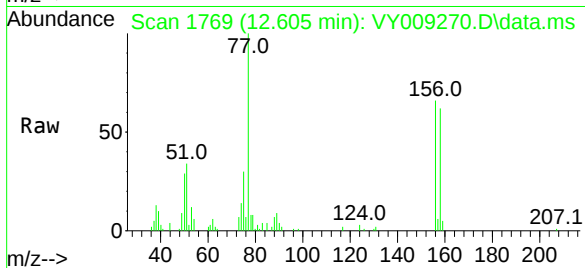
MDL-SOIL-03-QT2-2022

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 884   |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 174.0 | 95.5  | 286.4 |
| 158       | 96.8  | 48.0  | 144.0 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#78

n-propylbenzene

Concen: 4.243 ug/l

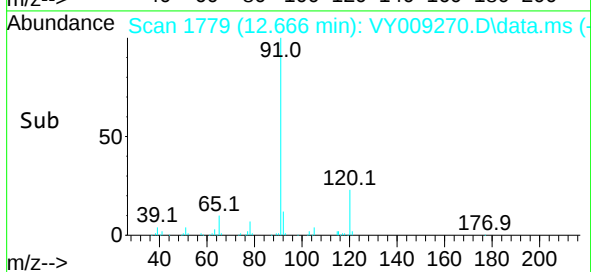
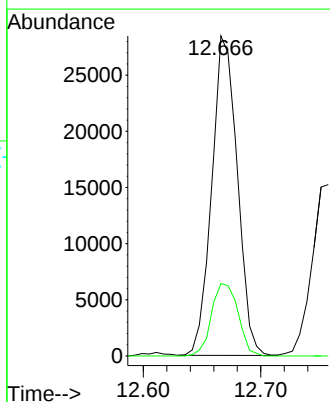
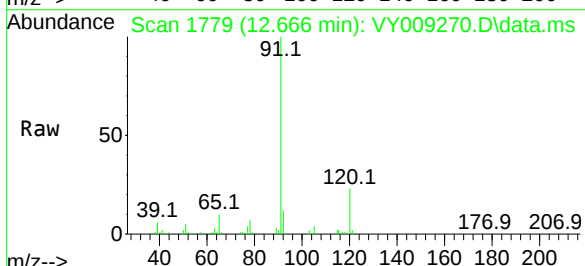
RT: 12.666 min Scan# 1779

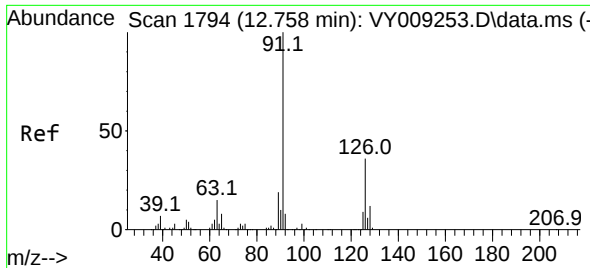
Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

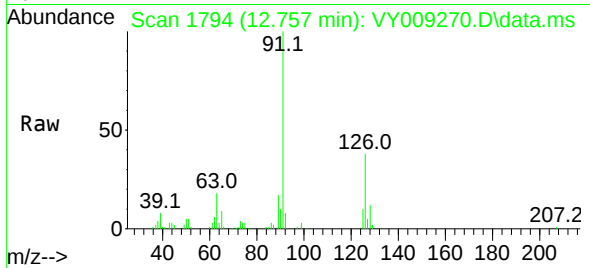
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 43005 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 23.6  | 11.3  | 33.9  |





#79  
2-Chlorotoluene  
Concen: 4.243 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.001 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

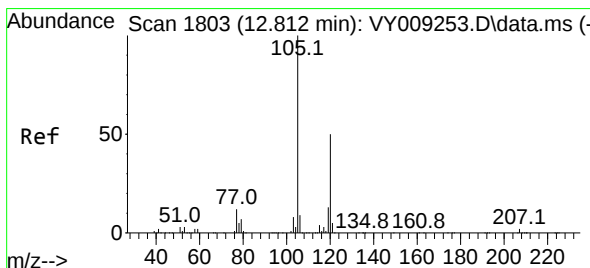
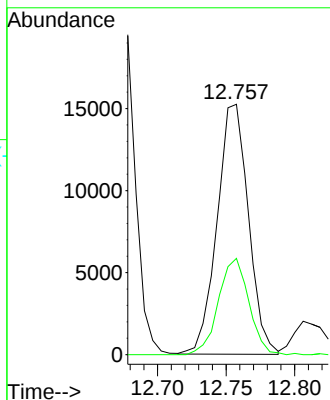
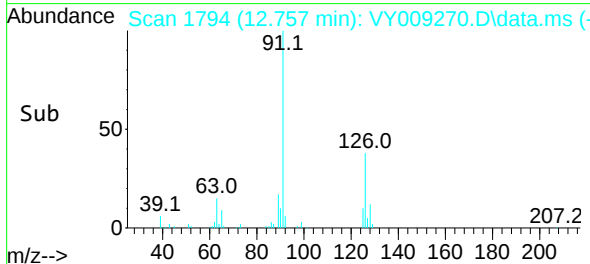
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



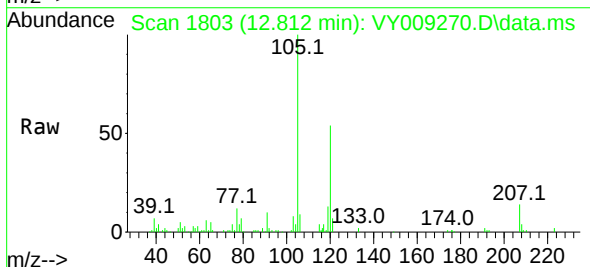
Tgt Ion: 91 Resp: 24224  
Ion Ratio Lower Upper  
91 100  
126 37.4 16.9 50.6

Manual Integrations  
APPROVED

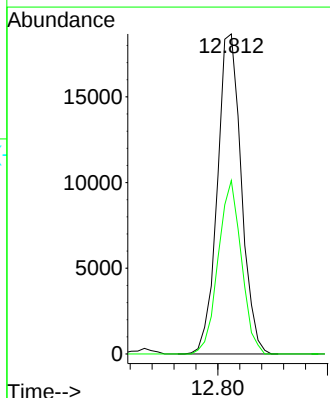
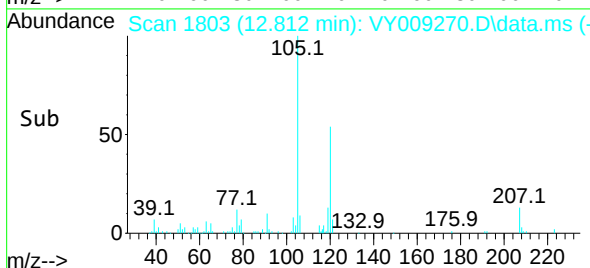
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

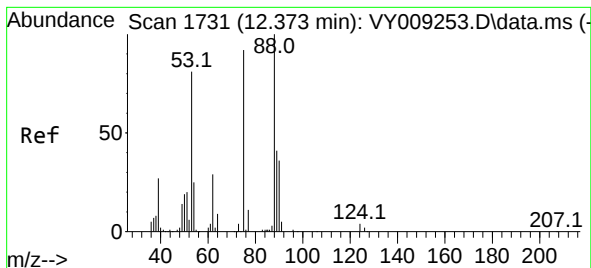


#80  
1,3,5-Trimethylbenzene  
Concen: 4.060 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



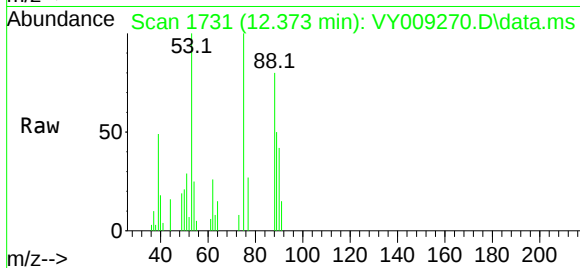
Tgt Ion:105 Resp: 28355  
Ion Ratio Lower Upper  
105 100  
120 52.3 24.4 73.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.144 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

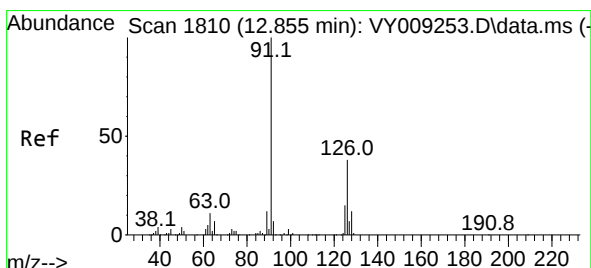
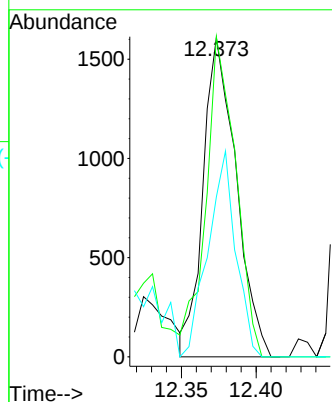
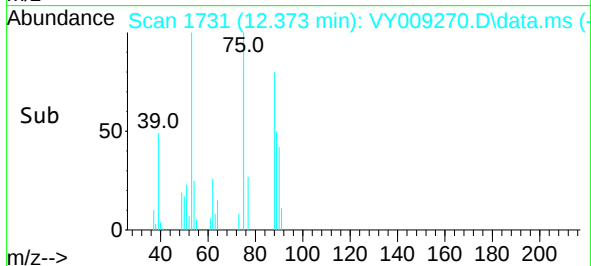
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion: 75 Resp: 245  
Ion Ratio Lower Upper  
75 100  
53 91.2 85.3 127.9  
89 54.6 37.0 55.4

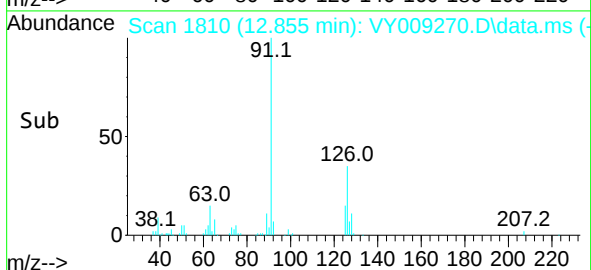
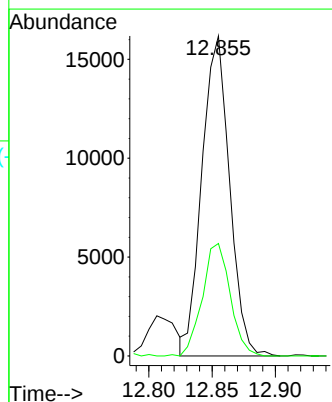
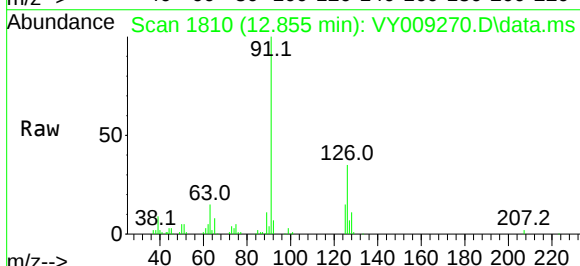
Manual Integrations  
APPROVED

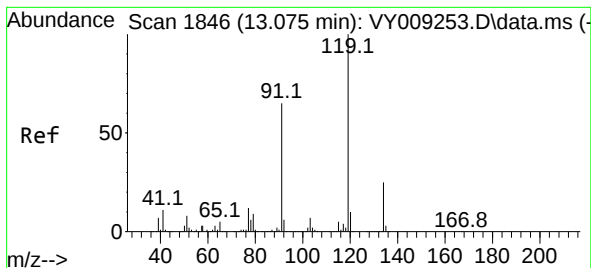
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#82  
4-Chlorotoluene  
Concen: 4.129 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

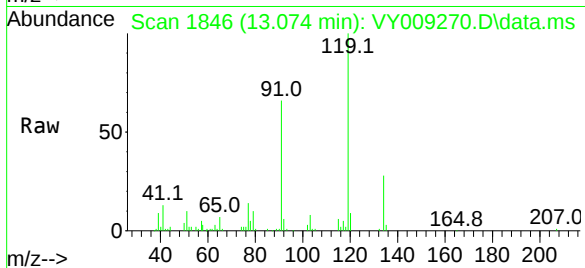
Tgt Ion: 91 Resp: 24586  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.0 51.0





#83  
tert-Butylbenzene  
Concen: 4.078 ug/l  
RT: 13.074 min Scan# 1846  
Delta R.T. -0.001 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

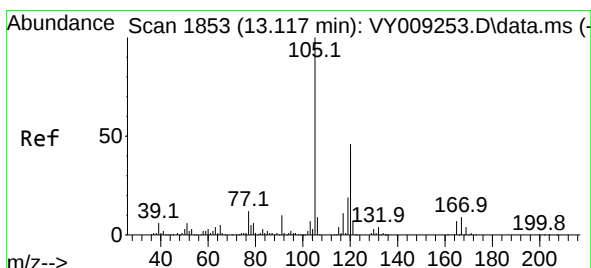
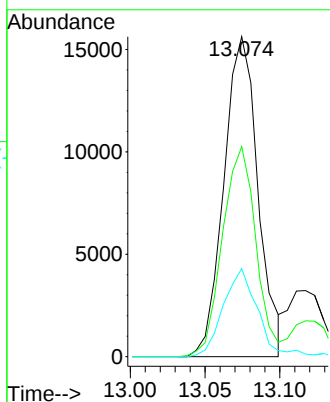
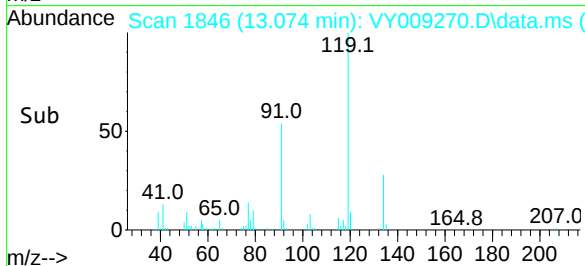
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022



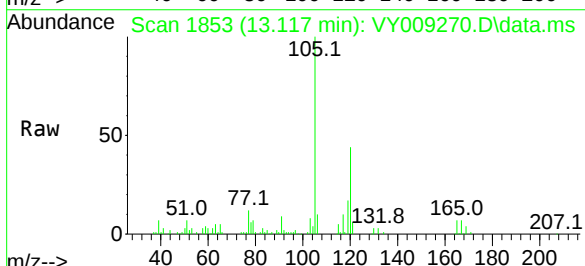
Tgt Ion:119 Resp: 24834  
Ion Ratio Lower Upper  
119 100  
91 64.1 34.8 104.4  
134 28.0 13.3 39.9

Manual Integrations  
APPROVED

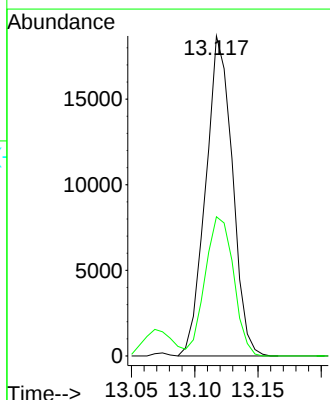
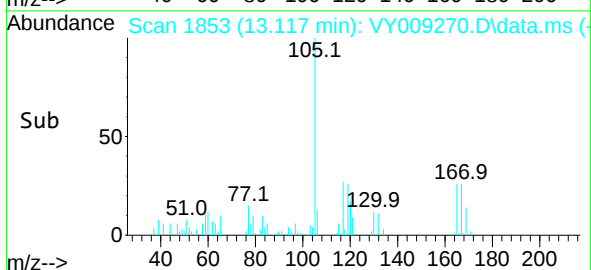
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

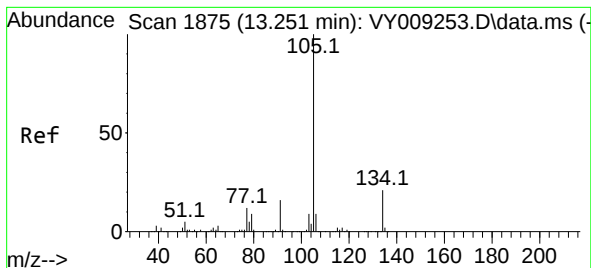


#84  
1,2,4-Trimethylbenzene  
Concen: 4.011 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion:105 Resp: 27451  
Ion Ratio Lower Upper  
105 100  
120 46.2 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.069 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

Tgt Ion:105 Resp: 37092

Ion Ratio Lower Upper

105 100

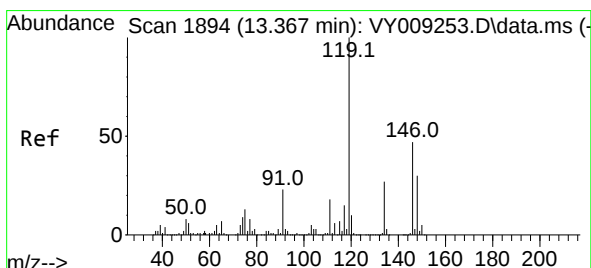
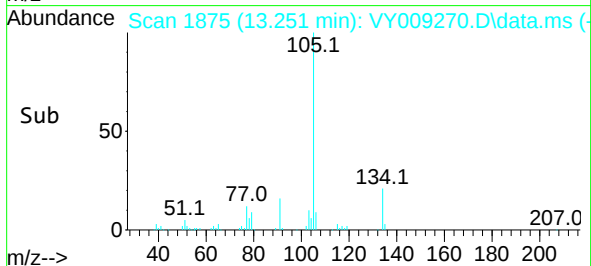
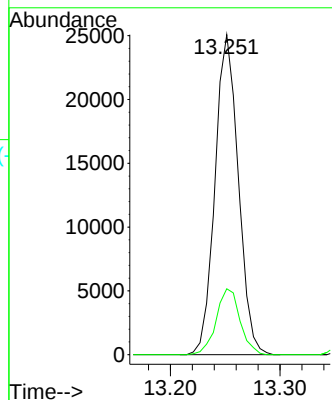
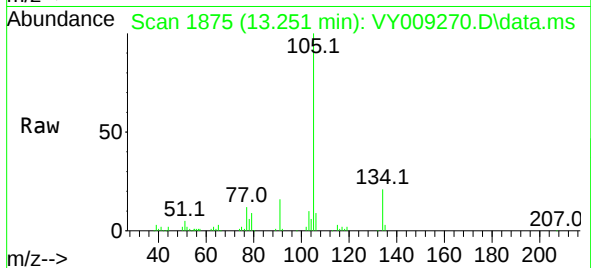
134 21.1 10.2 30.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#86

p-Isopropyltoluene

Concen: 4.064 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

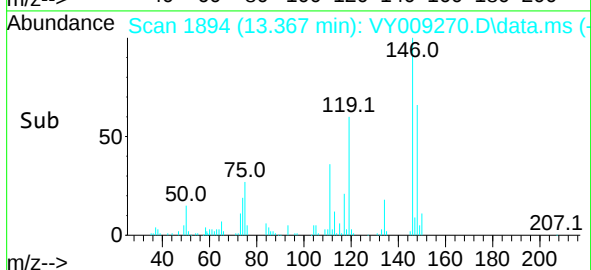
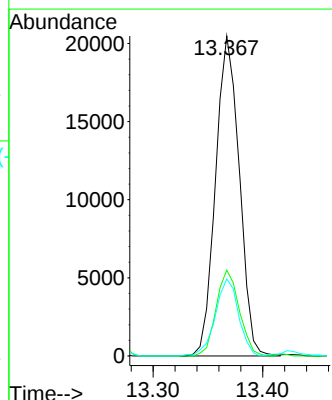
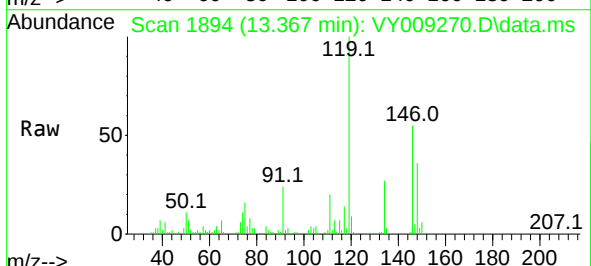
Tgt Ion:119 Resp: 30793

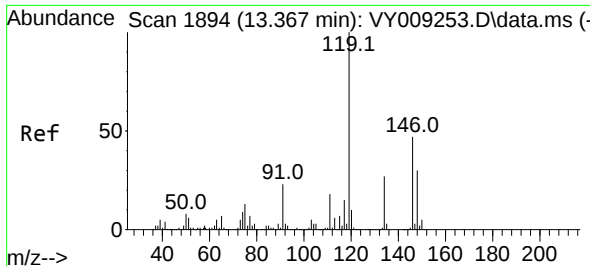
Ion Ratio Lower Upper

119 100

134 26.1 13.2 39.5

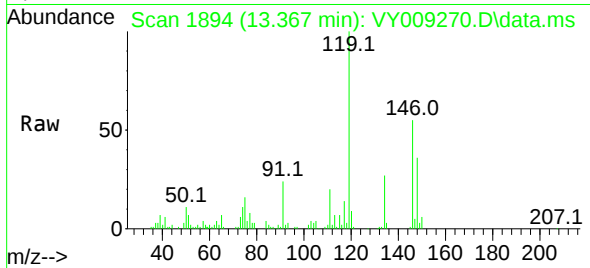
91 23.6 12.4 37.2





#87  
1,3-Dichlorobenzene  
Concen: 4.335 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

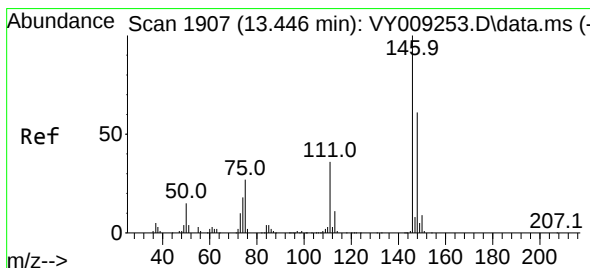
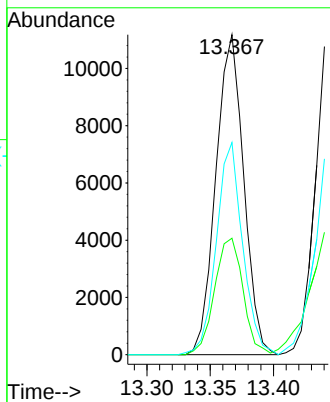
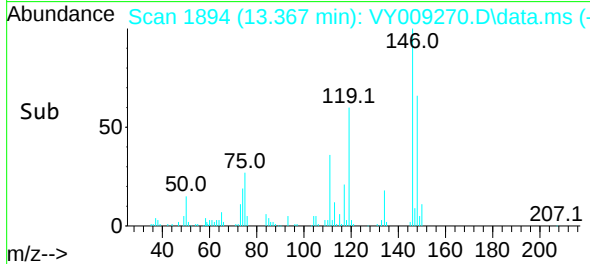
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022



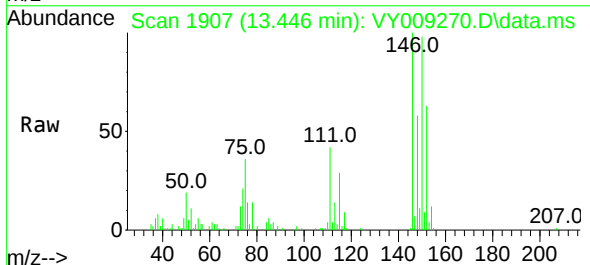
Tgt Ion:146 Resp: 1712  
Ion Ratio Lower Upper  
146 100  
111 37.1 19.5 58.5  
148 62.5 31.6 95.0

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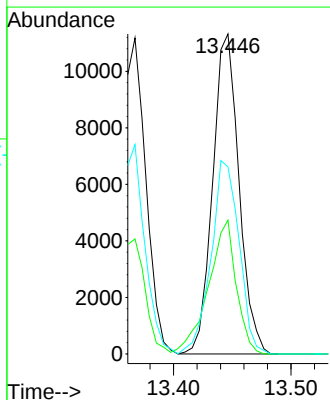
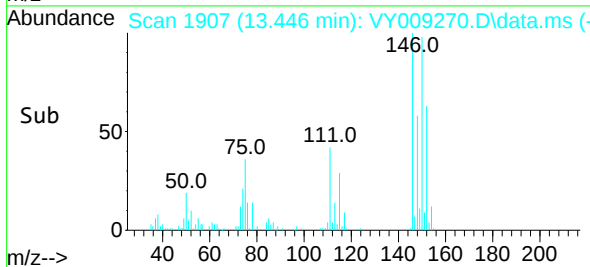
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022

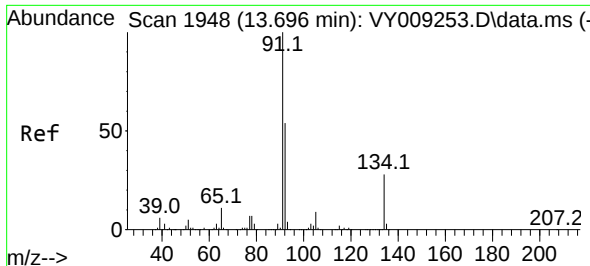


#88  
1,4-Dichlorobenzene  
Concen: 4.450 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36



Tgt Ion:146 Resp: 17632  
Ion Ratio Lower Upper  
146 100  
111 44.2 19.3 57.8  
148 64.4 32.6 97.8





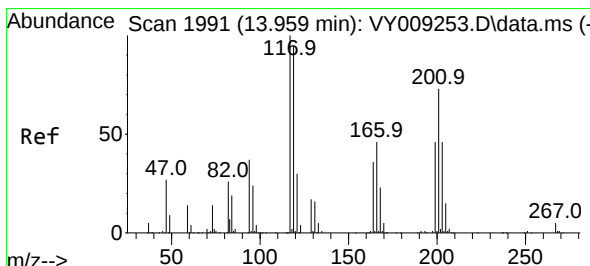
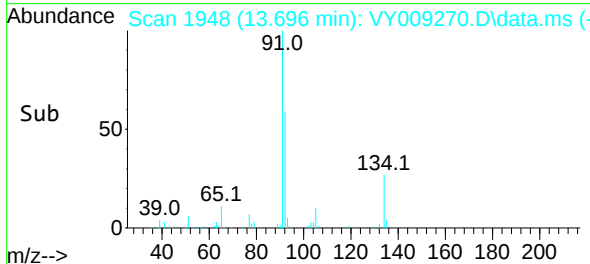
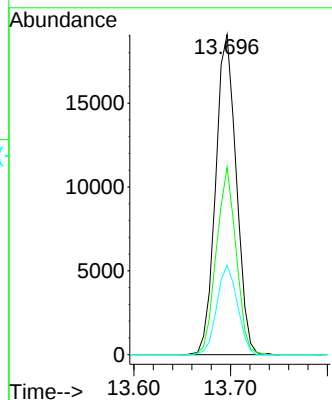
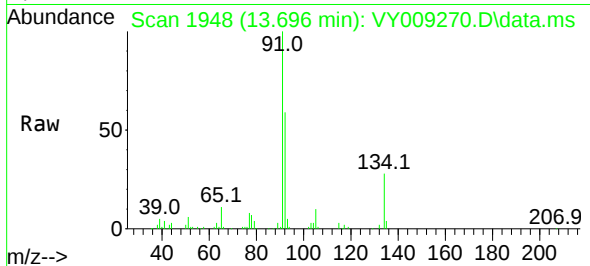
#89  
n-Butylbenzene  
Concen: 3.998 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2022

Tgt Ion: 91 Resp: 2821  
Ion Ratio Lower Upper  
91 100  
92 56.0 26.3 78.9  
134 27.8 13.0 38.9

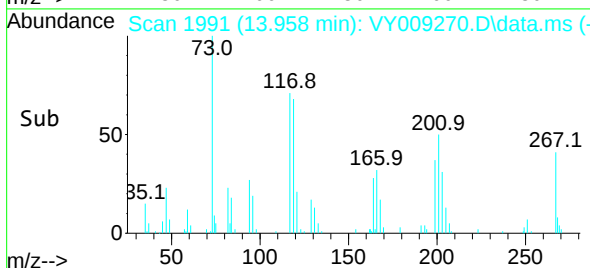
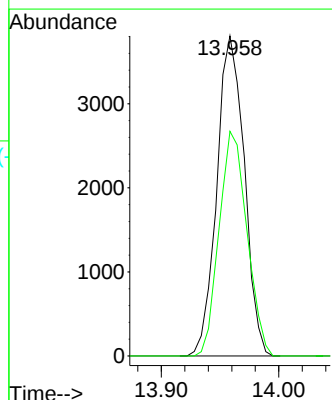
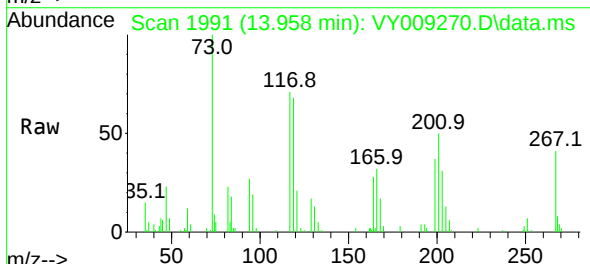
Manual Integrations  
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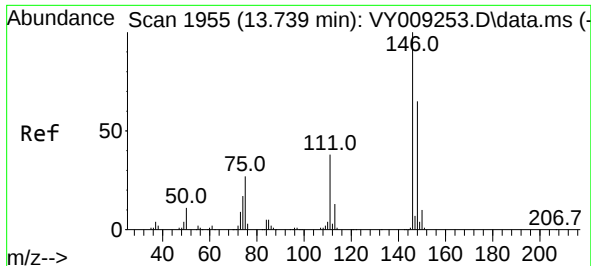
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#90  
Hexachloroethane  
Concen: 4.309 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion:117 Resp: 6193  
Ion Ratio Lower Upper  
117 100  
201 71.1 43.0 128.8





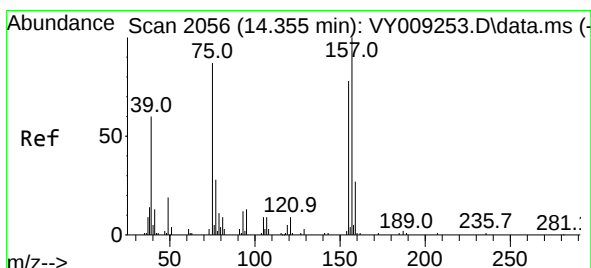
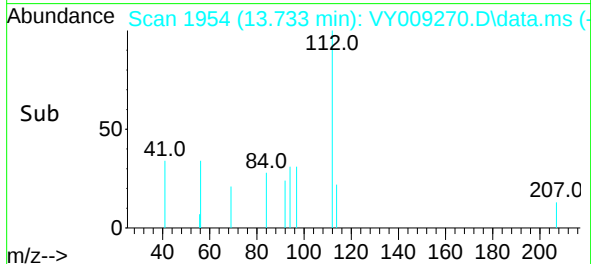
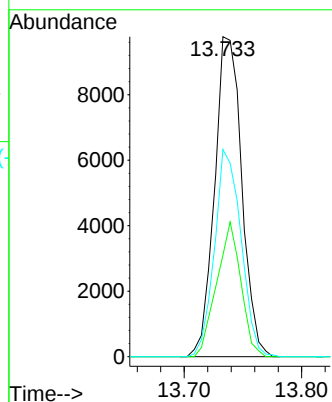
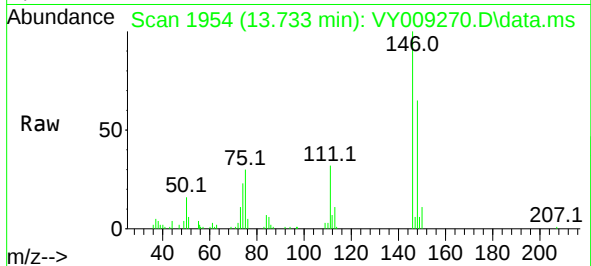
#91  
1,2-Dichlorobenzene  
Concen: 4.424 ug/l  
RT: 13.733 min Scan# 1955  
Delta R.T. -0.006 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022

Tgt Ion:146 Resp: 1569  
Ion Ratio Lower Upper  
146 100  
111 37.5 20.3 60.9  
148 63.2 32.3 96.9

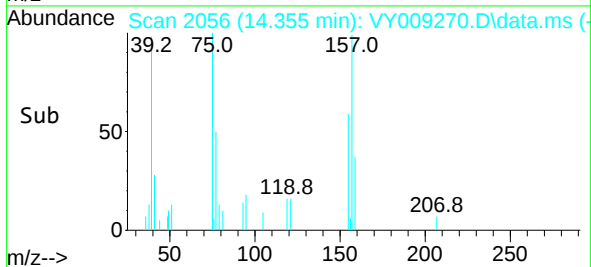
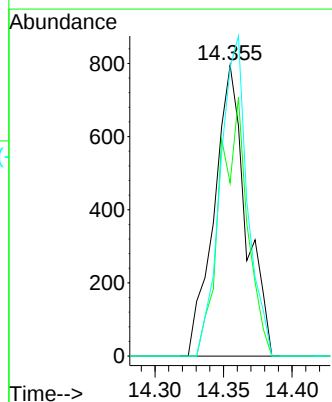
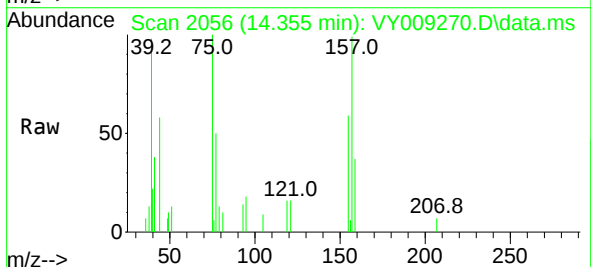
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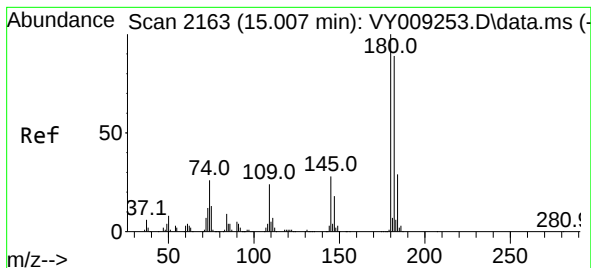
Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.525 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion: 75 Resp: 1290  
Ion Ratio Lower Upper  
75 100  
155 76.5 38.0 113.9  
157 93.7 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 3.990 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009270.D

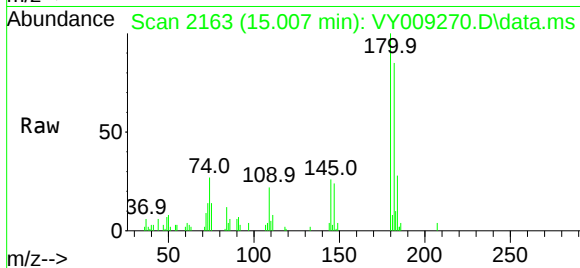
Acq: 22 Jun 2022 13:36

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2022

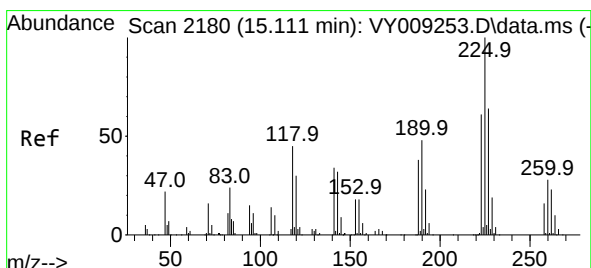
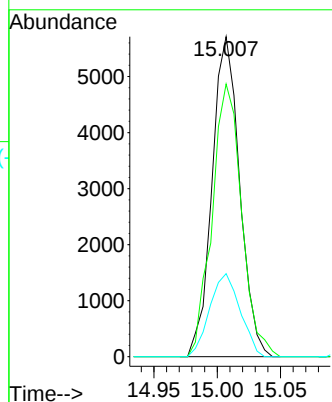


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 866   |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 91.0  | 47.3  | 141.9 |
| 145       | 28.6  | 14.6  | 43.8  |

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#94

Hexachlorobutadiene

Concen: 4.383 ug/l

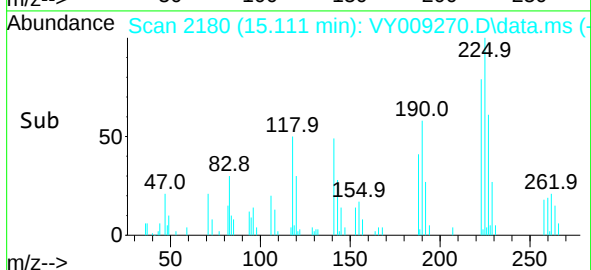
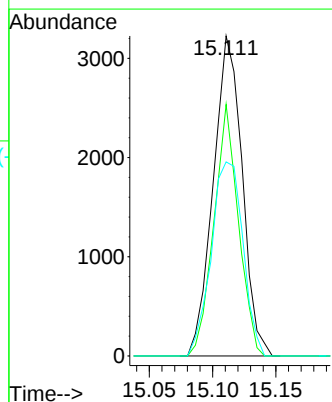
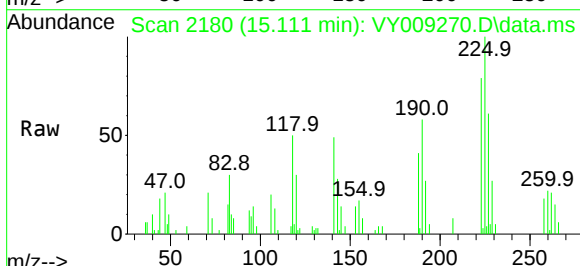
RT: 15.111 min Scan# 2180

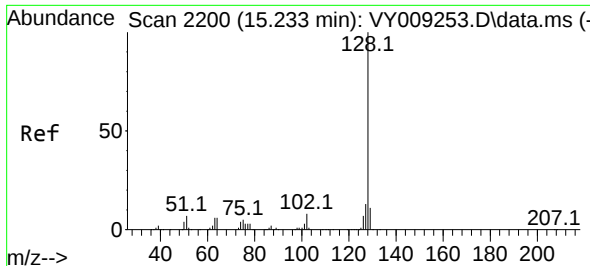
Delta R.T. -0.000 min

Lab File: VY009270.D

Acq: 22 Jun 2022 13:36

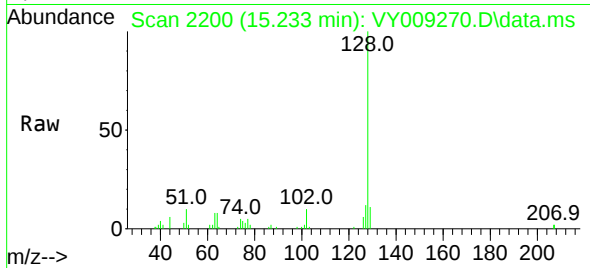
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 5119 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 66.7  | 30.8  | 92.3 |
| 227       | 66.4  | 31.6  | 94.7 |





#95  
Naphthalene  
Concen: 3.468 ug/l  
RT: 15.233 min Scan# 2110  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

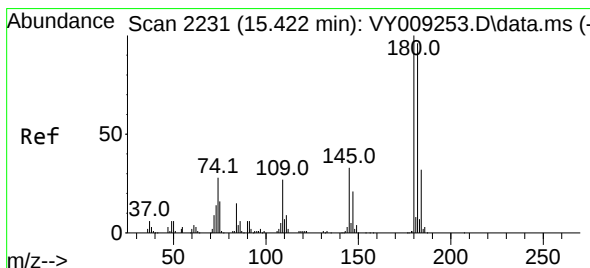
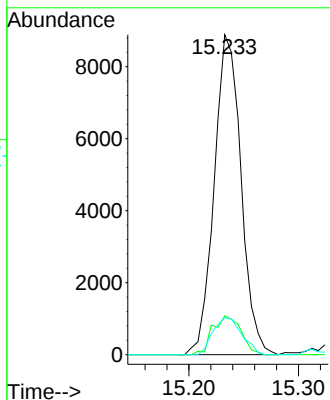
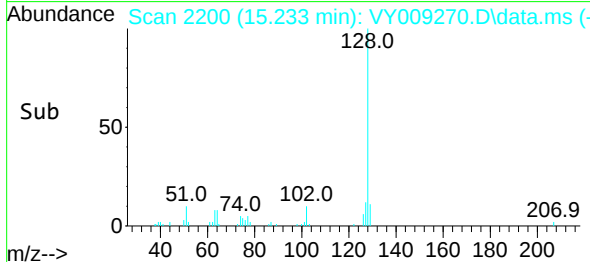
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2022



Tgt Ion:128 Resp: 1510  
Ion Ratio Lower Upper  
128 100  
127 12.9 11.0 16.4  
129 12.4 8.4 12.6

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022  
Supervised By :Semsettin Yesilyurt 06/23/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 4.144 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY009270.D  
Acq: 22 Jun 2022 13:36

Tgt Ion:180 Resp: 7689  
Ion Ratio Lower Upper  
180 100  
182 86.4 47.3 141.9  
145 29.7 15.3 45.9

