

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051624\  
 Data File : VY018286.D  
 Acq On : 16 May 2024 15:13  
 Operator : SY/MD  
 Sample : P2403-03 2.5 PPB  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024

Quant Time: May 17 02:46:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 02:04:27 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.783          | 168  | 155500              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685          | 114  | 285284              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.489         | 117  | 242071              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428         | 152  | 105154              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.136          | 65   | 71051               | 62.109 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 124.220% |        |        |          |
| 35) Dibromofluoromethane     | 7.709          | 113  | 78963               | 52.667 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 105.340% |        |        |          |
| 50) Toluene-d8               | 10.179         | 98   | 310150              | 52.495 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = 104.980% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 94223               | 49.383 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = 98.760%  |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.900          | 85   | 3712                | 3.010  | ug/l   | 93       |
| 3) Chloromethane             | 2.107          | 50   | 6270                | 3.798  | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.241          | 62   | 6717                | 3.357  | ug/l   | 96       |
| 5) Bromomethane              | 2.643          | 94   | 5289                | 3.806  | ug/l   | 89       |
| 6) Chloroethane              | 2.790          | 64   | 4248                | 3.345  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.119          | 101  | 6630                | 2.829  | ug/l # | 76       |
| 8) Diethyl Ether             | 3.521          | 74   | 2544                | 3.297  | ug/l   | 72       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893          | 101  | 4363                | 2.921  | ug/l   | 96       |
| 10) Methyl Iodide            | 4.082          | 142  | 4839                | 2.774  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 4.929          | 59   | 4284                | 37.466 | ug/l # | 98       |
| 12) 1,1-Dichloroethene       | 3.863          | 96   | 4065                | 2.703  | ug/l   | 83       |
| 13) Acrolein                 | 3.728          | 56   | 2224                | 18.036 | ug/l   | 89       |
| 14) Allyl chloride           | 4.466          | 41   | 6245                | 3.264  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.155          | 53   | 4688                | 15.799 | ug/l # | 84       |
| 16) Acetone                  | 3.942          | 43   | 4491                | 19.672 | ug/l # | 85       |
| 17) Carbon Disulfide         | 4.186          | 76   | 12204               | 2.981  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.466          | 43   | 2959                | 4.550  | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.210          | 73   | 10327               | 3.083  | ug/l   | 95       |
| 20) Methylene Chloride       | 4.710          | 84   | 12457               | 7.720  | ug/l   | 98       |
| 21) trans-1,2-Dichloroethene | 5.210          | 96   | 5090                | 3.193  | ug/l   | 90       |
| 22) Diisopropyl ether        | 6.106          | 45   | 12394               | 3.054  | ug/l # | 94       |
| 23) Vinyl Acetate            | 6.051          | 43   | 36236               | 14.691 | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 6.002          | 63   | 8048                | 3.220  | ug/l   | 95       |
| 25) 2-Butanone               | 6.978          | 43   | 6316                | 17.308 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 6.978          | 77   | 6967                | 3.080  | ug/l   | 94       |
| 27) cis-1,2-Dichloroethene   | 6.972          | 96   | 5742                | 3.048  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.331          | 49   | 3615                | 3.618  | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.350          | 42   | 4745                | 19.699 | ug/l   | 90       |
| 30) Chloroform               | 7.502          | 83   | 7947                | 3.045  | ug/l   | 86       |
| 31) Cyclohexane              | 7.783          | 56   | 9454                | 3.984  | ug/l # | 75       |
| 32) 1,1,1-Trichloroethane    | 7.697          | 97   | 6643                | 2.840  | ug/l   | 94       |
| 36) 1,1-Dichloropropene      | 7.911          | 75   | 6213                | 2.891  | ug/l   | 93       |
| 37) Ethyl Acetate            | 7.069          | 43   | 2278                | 2.518  | ug/l # | 74       |
| 38) Carbon Tetrachloride     | 7.898          | 117  | 5548                | 2.362  | ug/l   | 92       |
| 39) Methylcyclohexane        | 9.185          | 83   | 7863                | 2.536  | ug/l # | 85       |
| 40) Benzene                  | 8.161          | 78   | 18678               | 2.702  | ug/l   | 93       |

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 Sample : P2403-03 2.5 PPB  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024

Quant Time: May 17 02:46:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 02:04:27 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 1766     | 3.381  | ug/l # | 83       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 4457     | 2.963  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 5705     | 3.077  | ug/l # | 59       |
| 44) Trichloroethene           | 8.935  | 130  | 4987     | 2.650  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 4084     | 2.702  | ug/l   | 90       |
| 46) Dibromomethane            | 9.301  | 93   | 2640     | 3.038  | ug/l   | 85       |
| 47) Bromodichloromethane      | 9.496  | 83   | 5486     | 2.554  | ug/l   | 90       |
| 48) Methyl methacrylate       | 9.295  | 41   | 2469     | 2.905  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 725      | 62.858 | ug/l # | 69       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 13119    | 14.077 | ug/l   | 97       |
| 52) Toluene                   | 10.240 | 92   | 11741    | 2.638  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 5019     | 2.501  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 5897     | 2.404  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 3495     | 2.928  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 4111     | 2.536  | ug/l # | 82       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 5309     | 2.733  | ug/l   | 91       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 13232    | 17.093 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.831 | 43   | 8737     | 13.408 | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.983 | 129  | 3645     | 2.354  | ug/l   | 90       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 3479     | 3.094  | ug/l   | 85       |
| 64) Tetrachloroethene         | 10.715 | 164  | 4630     | 2.873  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.514 | 112  | 13522    | 2.743  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 3824     | 2.398  | ug/l   | 94       |
| 67) Ethyl Benzene             | 11.593 | 91   | 21856    | 2.626  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 17093    | 5.192  | ug/l   | 98       |
| 69) o-Xylene                  | 12.026 | 106  | 8423     | 2.666  | ug/l   | 92       |
| 70) Styrene                   | 12.044 | 104  | 13116    | 2.486  | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 1965     | 2.227  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.331 | 105  | 20237    | 2.567  | ug/l   | 94       |
| 74) N-amyl acetate            | 12.142 | 43   | 4254     | 2.599  | ug/l   | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 3427     | 2.725  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 2662m    | 3.163  | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 4695     | 2.592  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 25975    | 2.833  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 13981    | 2.744  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 15998    | 2.573  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 1057m    | 2.420  | ug/l   |          |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 14370    | 2.807  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 15579    | 2.717  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 16316    | 2.679  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 23702    | 2.818  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 18827    | 2.721  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 9049     | 2.587  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 10144    | 2.975  | ug/l   | 88       |
| 89) n-Butylbenzene            | 13.696 | 91   | 17796    | 2.842  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.958 | 117  | 3333     | 2.455  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 8210     | 2.731  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 454      | 2.651  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 4224     | 2.499  | ug/l   | 93       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 2363     | 2.534  | ug/l   | 89       |
| 95) Naphthalene               | 15.233 | 128  | 7765     | 2.507  | ug/l # | 95       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 3580     | 2.581  | ug/l   | 92       |

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Quant Time: May 17 02:46:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
Quant Title : SW846 8260  
QLast Update : Fri May 17 02:04:27 2024  
Response via : Initial Calibration

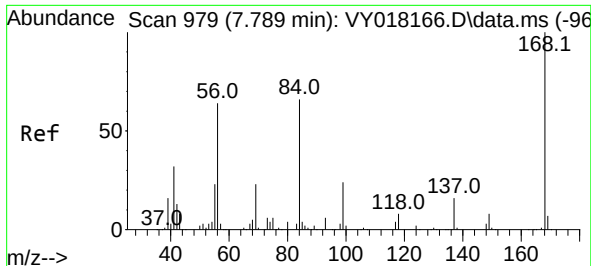
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

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

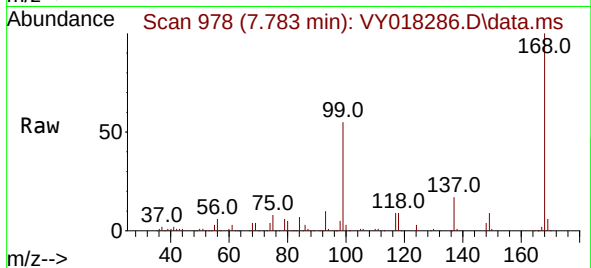
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

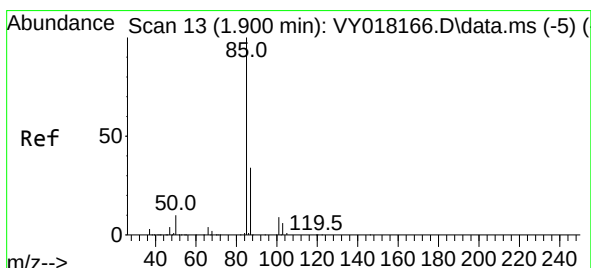
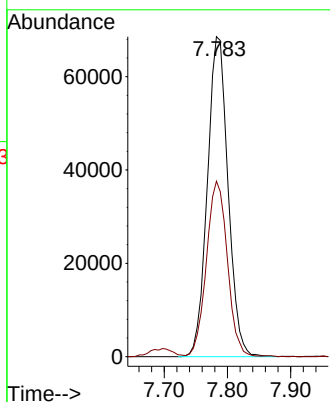
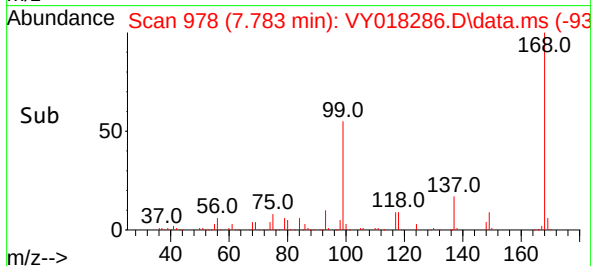
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion:168 Resp: 155500  
Ion Ratio Lower Upper  
168 100  
99 54.8 39.1 58.7

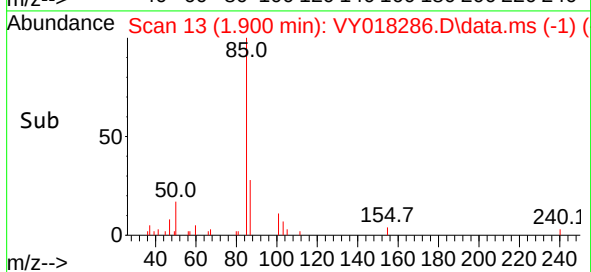
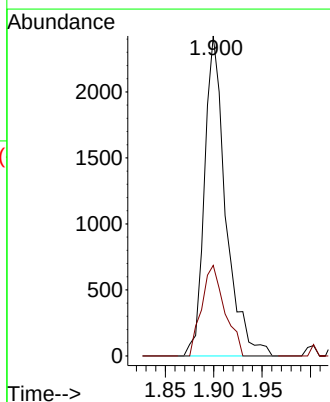
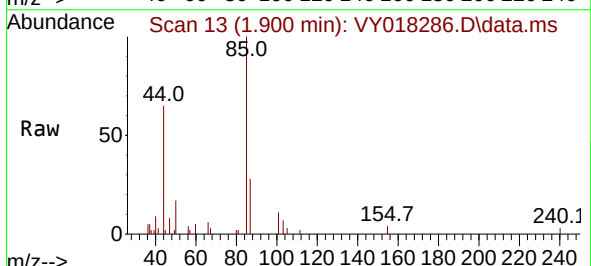
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APPROVED

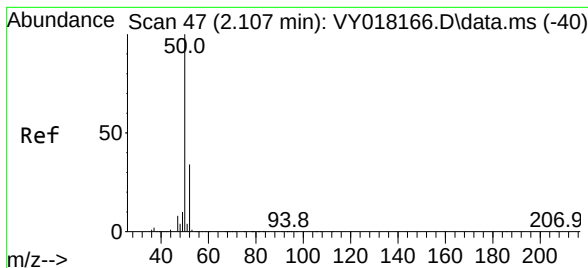
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#2  
Dichlorodifluoromethane  
Concen: 3.010 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

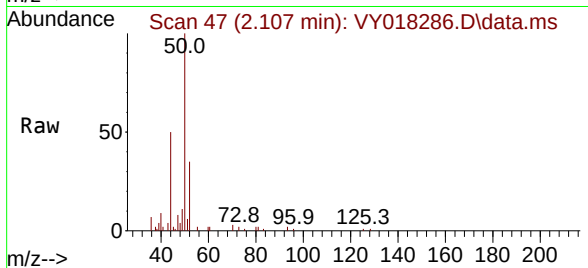
Tgt Ion: 85 Resp: 3712  
Ion Ratio Lower Upper  
85 100  
87 28.3 16.0 48.0





#3  
Chloromethane  
Concen: 3.798 ug/l  
RT: 2.107 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

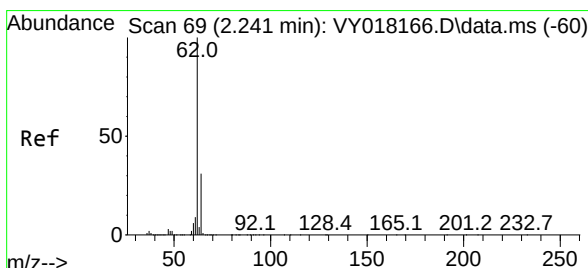
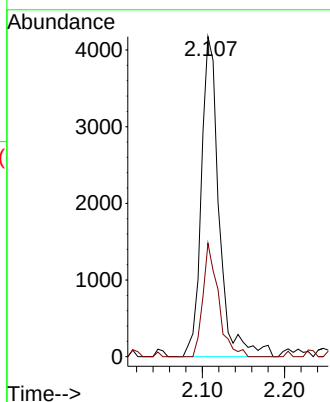
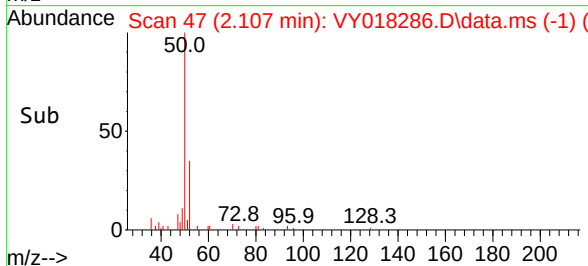
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



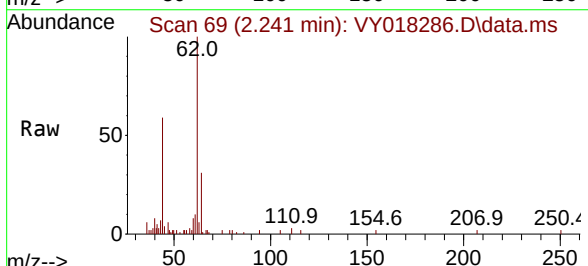
Tgt Ion: 50 Resp: 6270  
Ion Ratio Lower Upper  
50 100  
52 35.4 25.6 38.4

Manual Integrations  
APPROVED

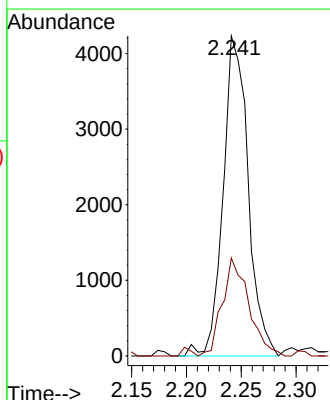
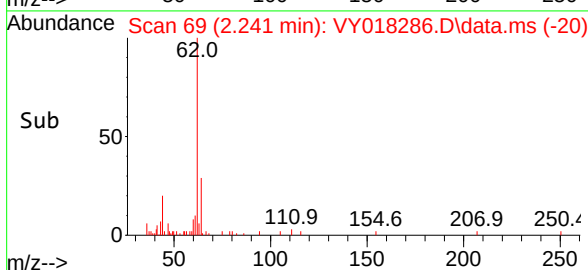
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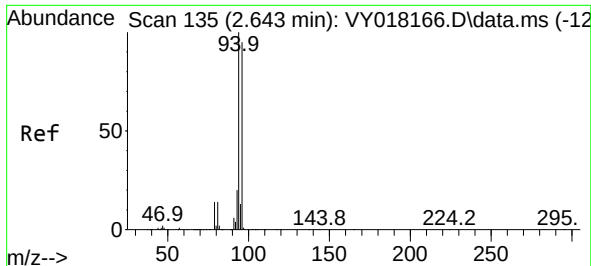


#4  
Vinyl Chloride  
Concen: 3.357 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



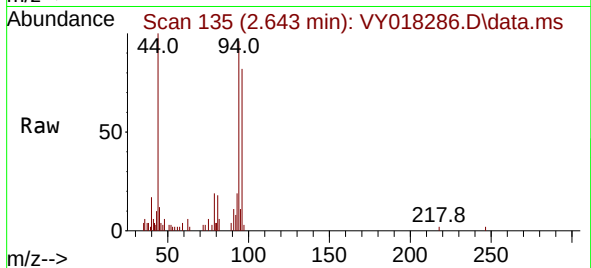
Tgt Ion: 62 Resp: 6717  
Ion Ratio Lower Upper  
62 100  
64 30.6 26.1 39.1





#5  
Bromomethane  
Concen: 3.806 ug/l  
RT: 2.643 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

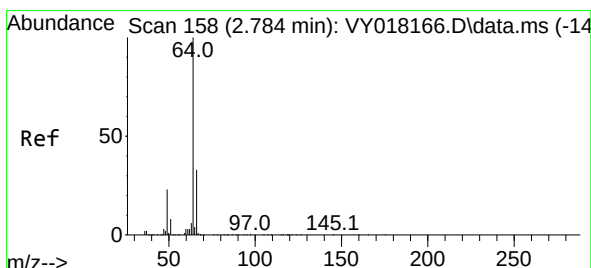
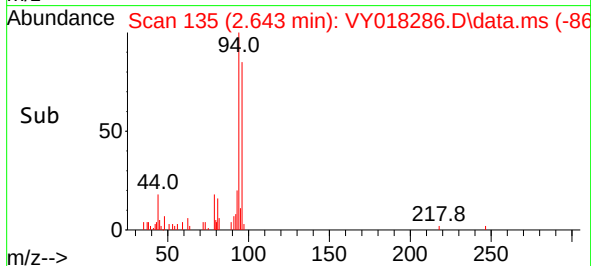
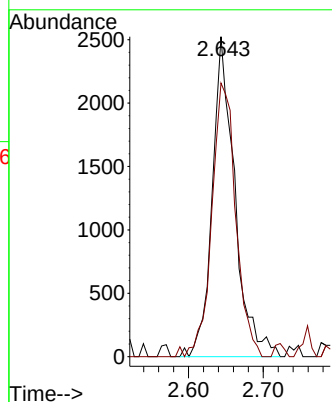
Instrument :  
MSVOA\_Y  
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Tgt Ion: 94 Resp: 5289  
Ion Ratio Lower Upper  
94 100  
96 82.4 74.1 111.1

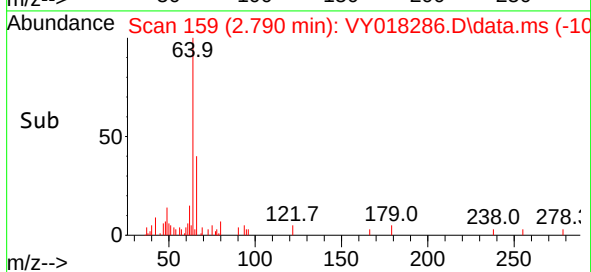
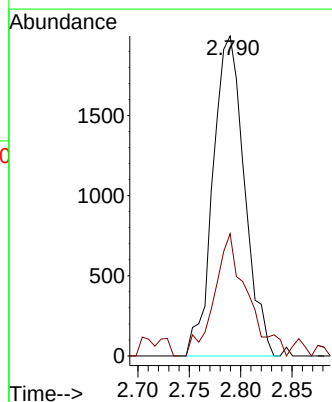
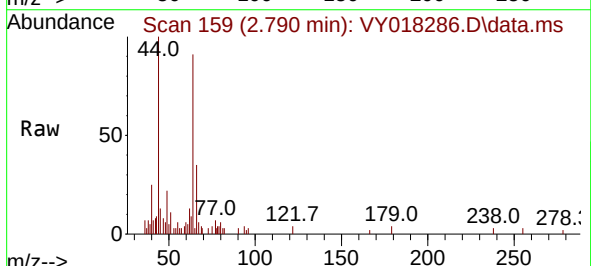
Manual Integrations  
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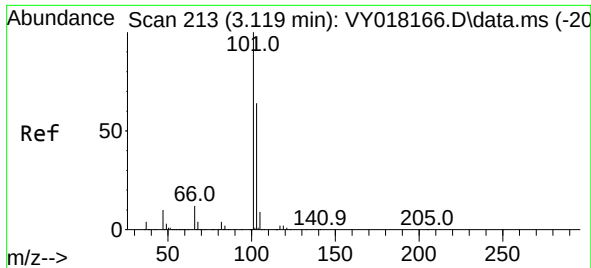
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#6  
Chloroethane  
Concen: 3.345 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

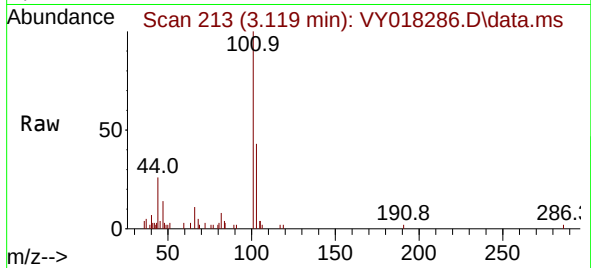
Tgt Ion: 64 Resp: 4248  
Ion Ratio Lower Upper  
64 100  
66 34.0 26.1 39.1





#7  
 Trichlorofluoromethane  
 Concen: 2.829 ug/l  
 RT: 3.119 min Scan# 213  
 Delta R.T. -0.000 min  
 Lab File: VY018286.D  
 Acq: 16 May 2024 15:13

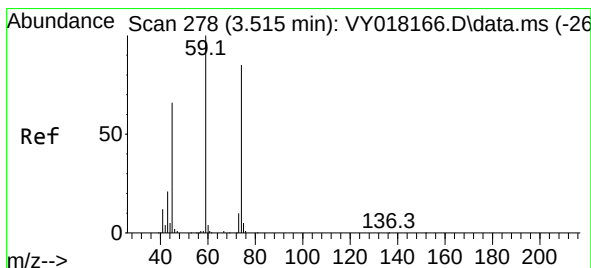
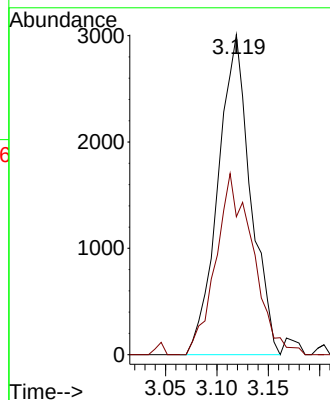
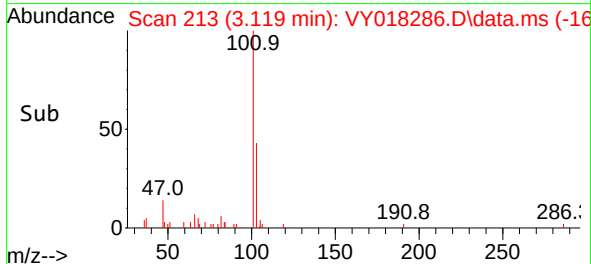
Instrument : MSVOA\_Y  
 ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion:101 Resp: 6630  
 Ion Ratio Lower Upper  
 101 100  
 103 43.1 49.3 73.9

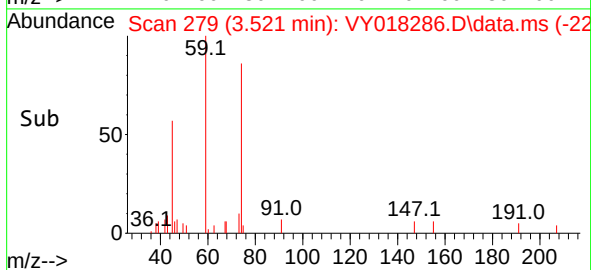
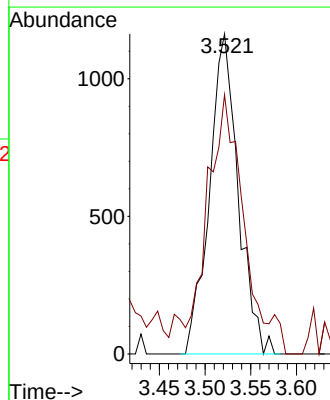
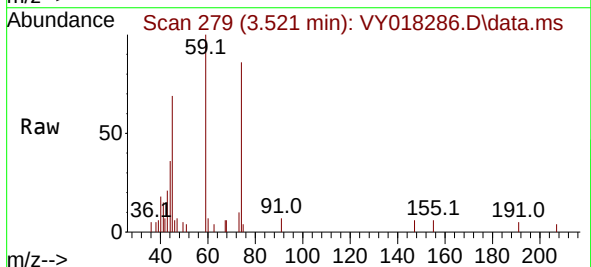
Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024

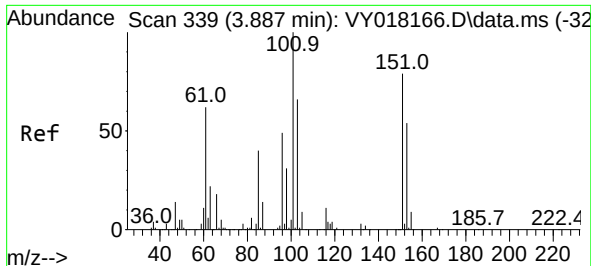


#8  
 Diethyl Ether  
 Concen: 3.297 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.006 min  
 Lab File: VY018286.D  
 Acq: 16 May 2024 15:13

Tgt Ion: 74 Resp: 2544  
 Ion Ratio Lower Upper  
 74 100  
 45 107.5 41.3 124.1







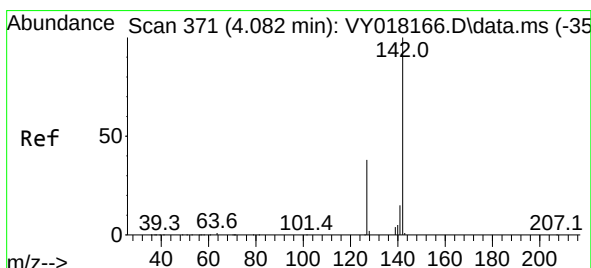
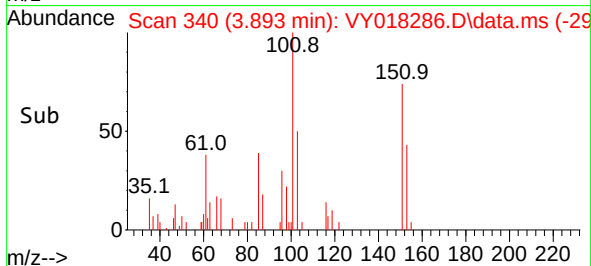
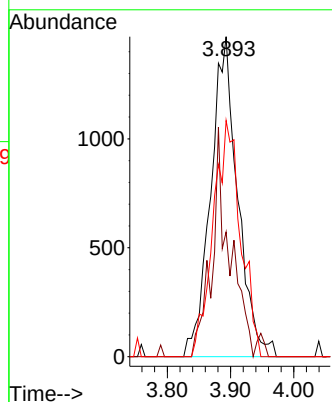
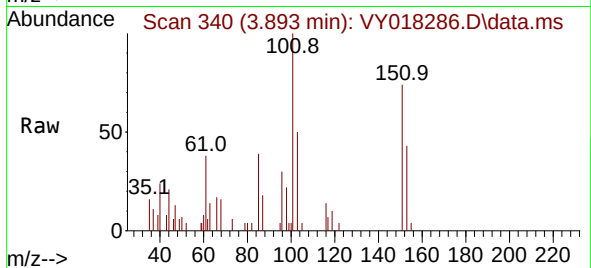
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.921 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion:101 Resp: 436  
Ion Ratio Lower Upper  
101 100  
85 47.2 34.5 51.7  
151 75.0 61.7 92.5

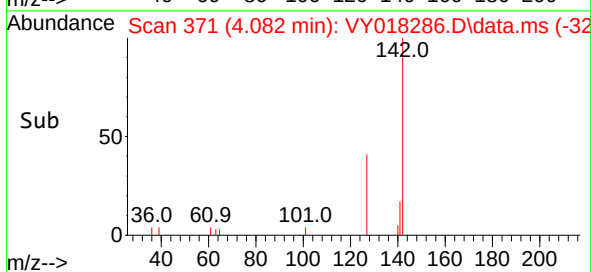
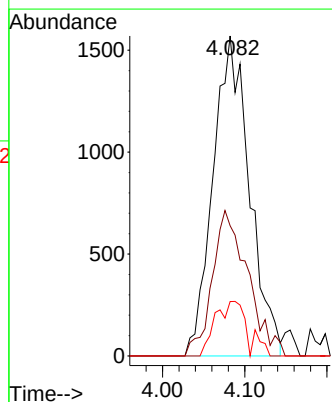
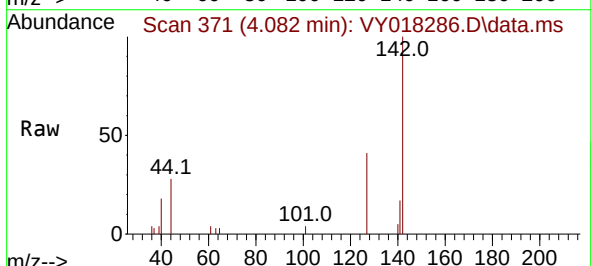
Manual Integrations  
APPROVED

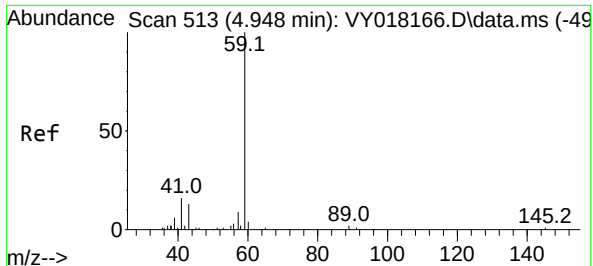
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#10  
Methyl Iodide  
Concen: 2.774 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion:142 Resp: 4839  
Ion Ratio Lower Upper  
142 100  
127 44.2 32.8 49.2  
141 13.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 37.466 ug/l

RT: 4.929 min Scan# 513

Delta R.T. -0.019 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

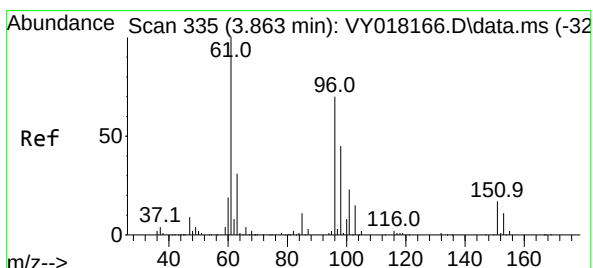
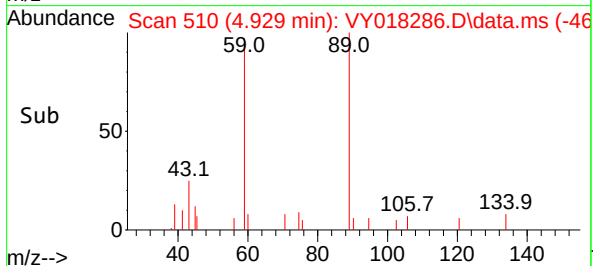
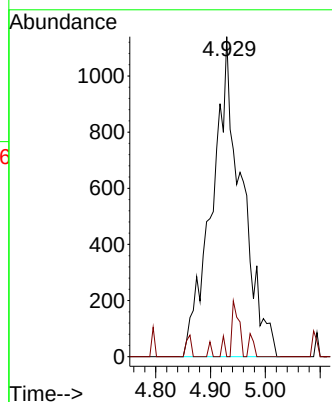
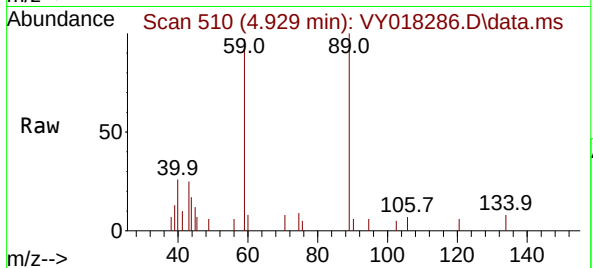
MDL-SOIL-03-QT2-2024

Tgt Ion: 59 Resp: 4284  
 Ion Ratio Lower Upper  
 59 100  
 57 4.6 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#12

1,1-Dichloroethene

Concen: 2.703 ug/l

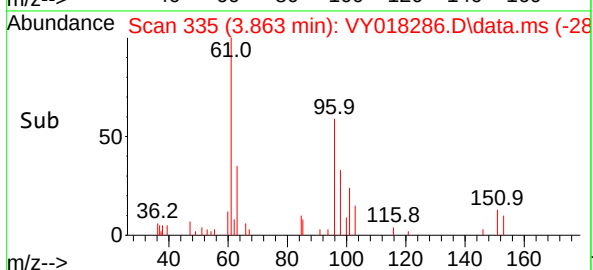
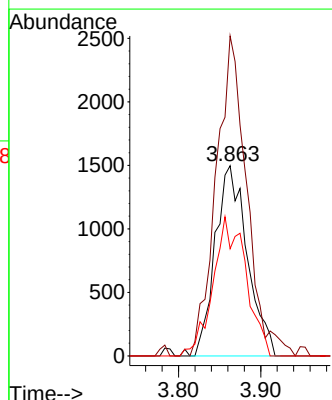
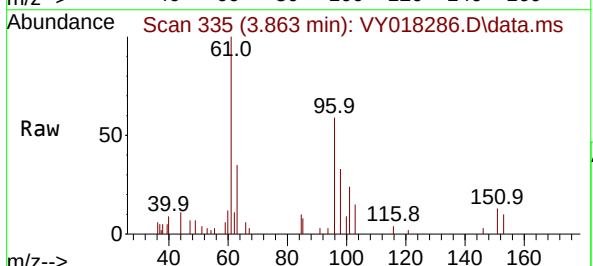
RT: 3.863 min Scan# 335

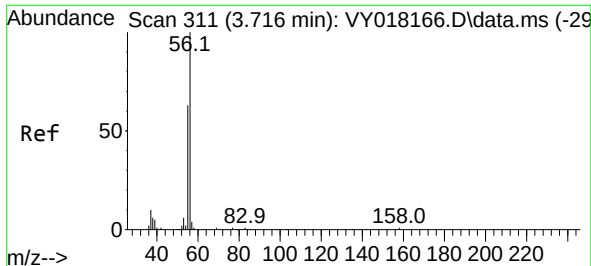
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

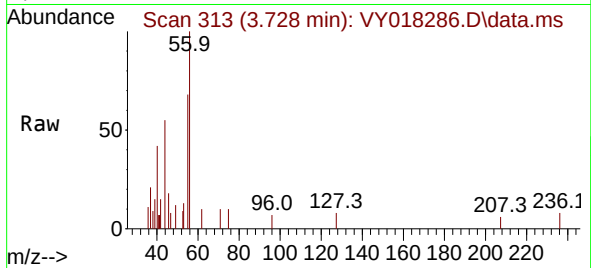
Tgt Ion: 96 Resp: 4065  
 Ion Ratio Lower Upper  
 96 100  
 61 168.3 114.6 171.8  
 98 56.3 50.8 76.2





#13  
Acrolein  
Concen: 18.036 ug/l  
RT: 3.728 min Scan# 311  
Delta R.T. 0.012 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

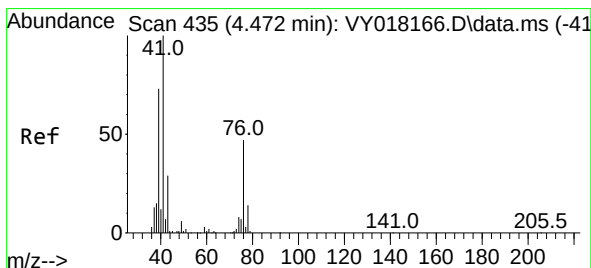
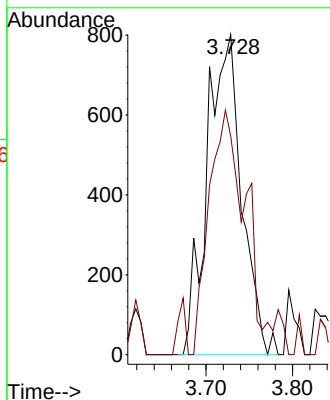
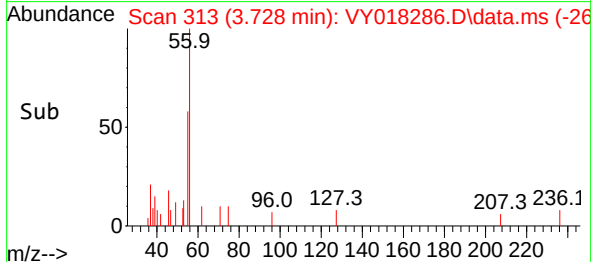
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 56 Resp: 2224  
Ion Ratio Lower Upper  
56 100  
55 78.5 55.7 83.5

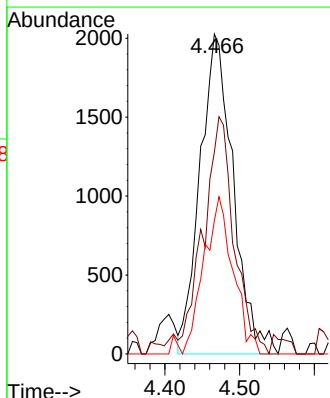
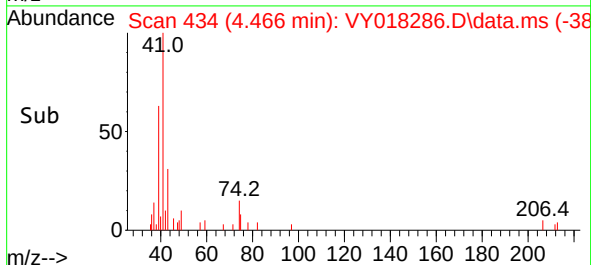
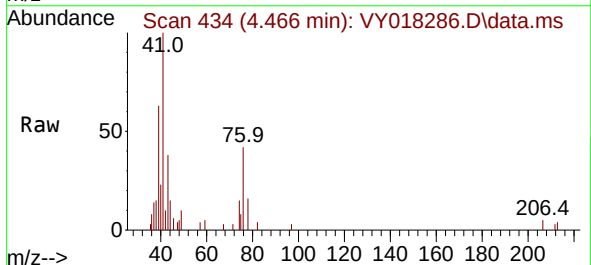
Manual Integrations  
APPROVED

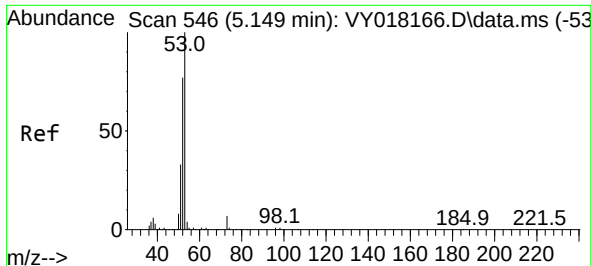
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#14  
Allyl chloride  
Concen: 3.264 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

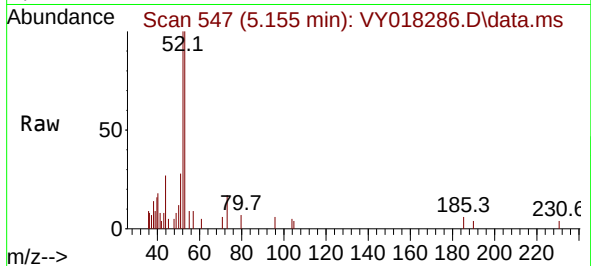
Tgt Ion: 41 Resp: 6245  
Ion Ratio Lower Upper  
41 100  
39 70.7 58.3 87.5  
76 43.3 39.0 58.6





#15  
Acrylonitrile  
Concen: 15.799 ug/l  
RT: 5.155 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

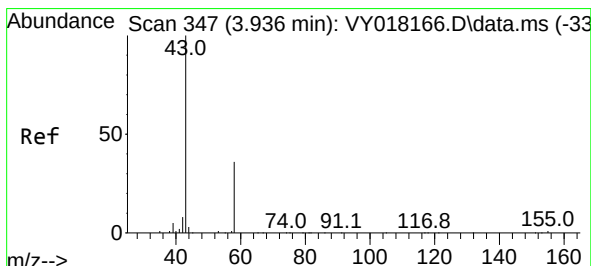
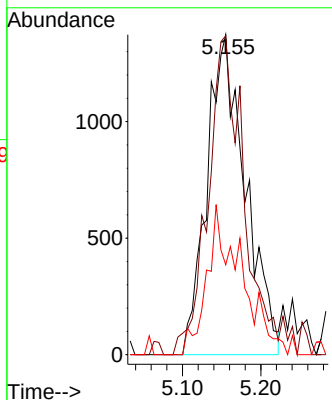
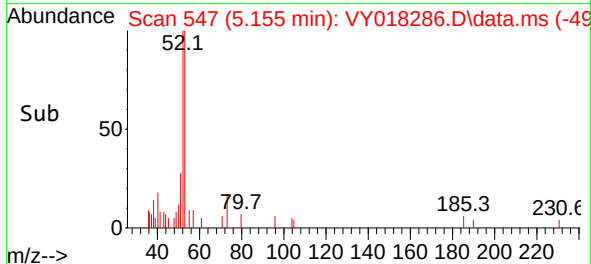
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 53 Resp: 4688  
Ion Ratio Lower Upper  
53 100  
52 92.0 64.7 97.1  
51 20.9 28.4 42.6

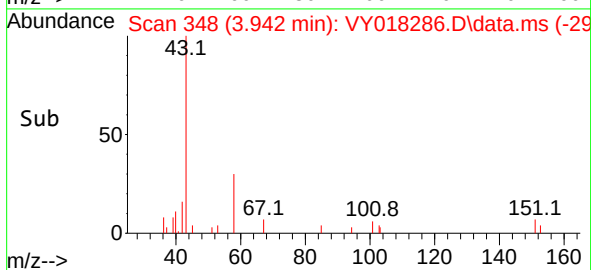
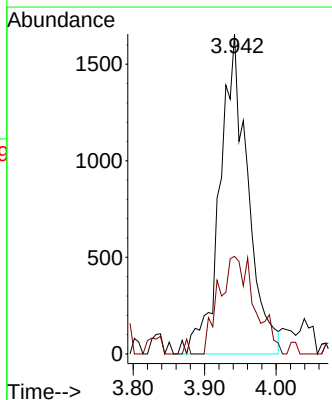
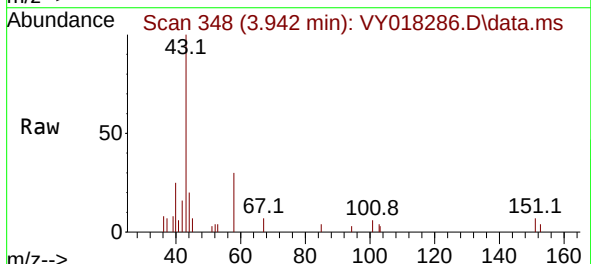
Manual Integrations  
APPROVED

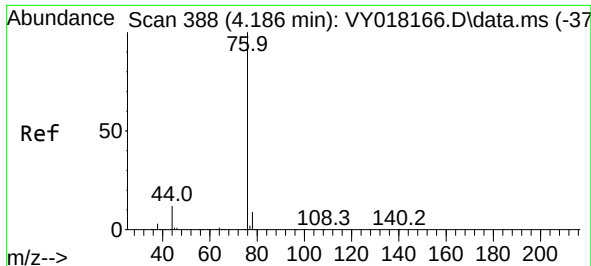
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#16  
Acetone  
Concen: 19.672 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

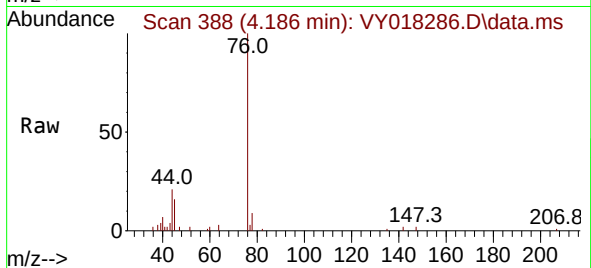
Tgt Ion: 43 Resp: 4491  
Ion Ratio Lower Upper  
43 100  
58 30.5 31.7 47.5





#17  
Carbon Disulfide  
Concen: 2.981 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

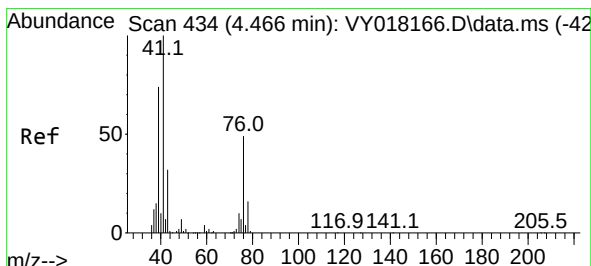
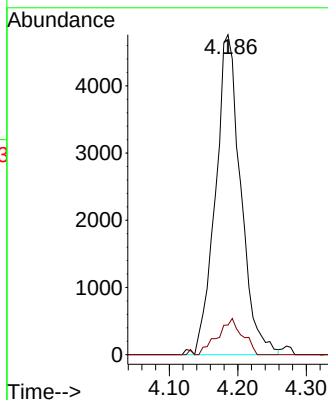
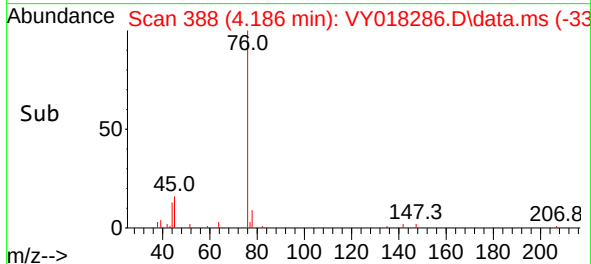
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 76 Resp: 12204  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2

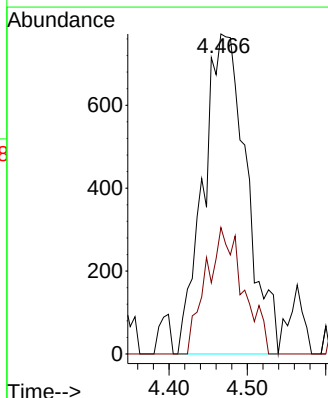
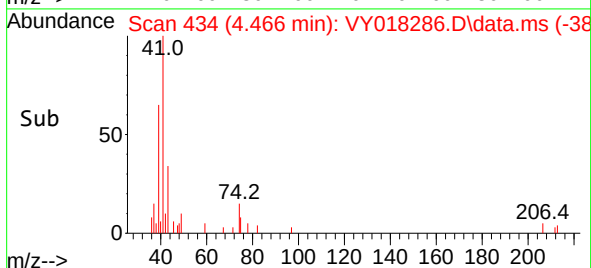
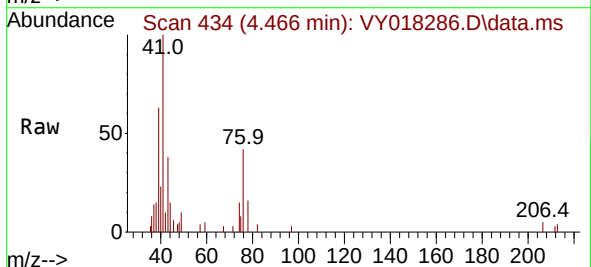
Manual Integrations  
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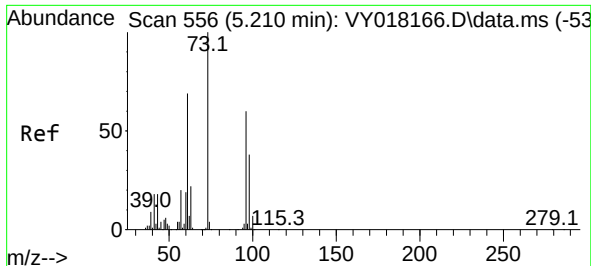
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#18  
Methyl Acetate  
Concen: 4.550 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion: 43 Resp: 2959  
Ion Ratio Lower Upper  
43 100  
74 34.0 23.3 34.9





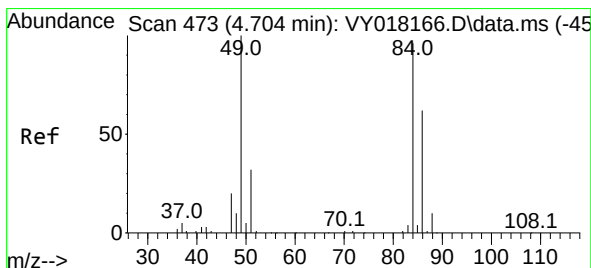
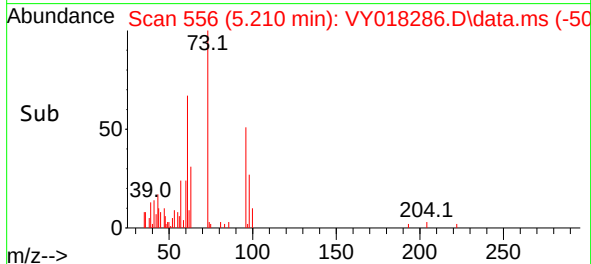
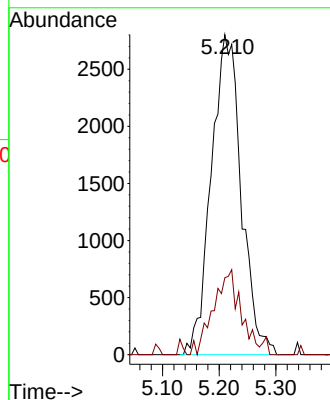
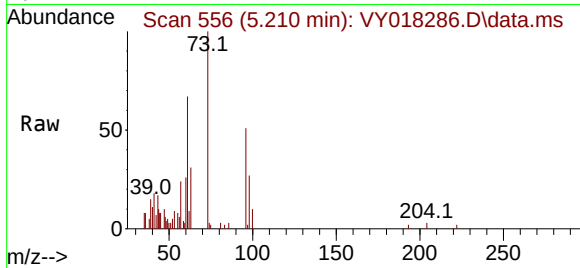
#19  
Methyl tert-butyl Ether  
Concen: 3.083 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 73 Resp: 1032  
Ion Ratio Lower Upper  
73 100  
57 24.0 17.3 25.9

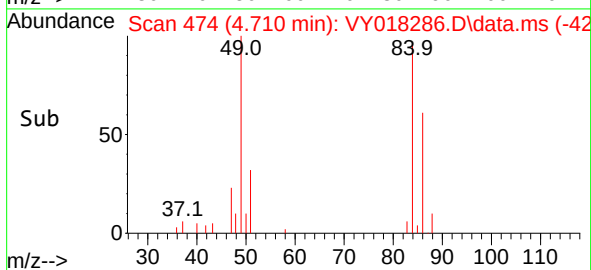
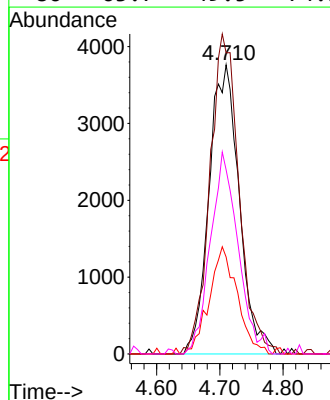
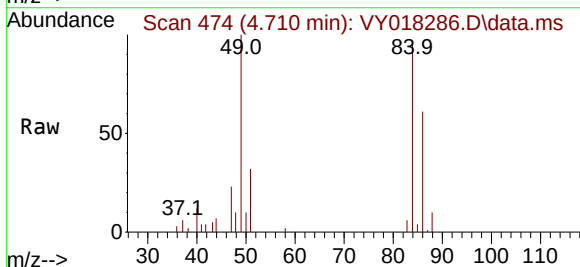
Manual Integrations  
APPROVED

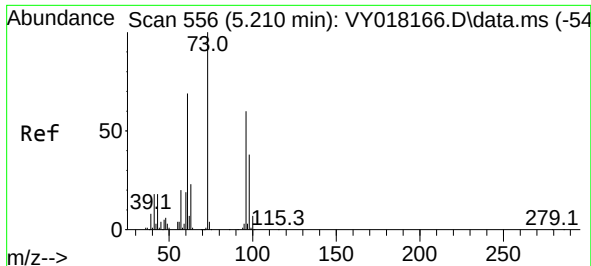
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#20  
Methylene Chloride  
Concen: 7.720 ug/l  
RT: 4.710 min Scan# 474  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

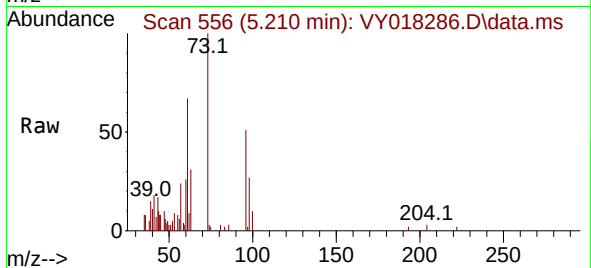
Tgt Ion: 84 Resp: 12457  
Ion Ratio Lower Upper  
84 100  
49 104.1 84.4 126.6  
51 33.5 26.0 39.0  
86 63.7 49.5 74.3





#21  
trans-1,2-Dichloroethene  
Concen: 3.193 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

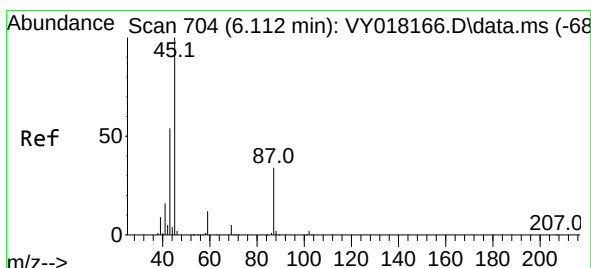
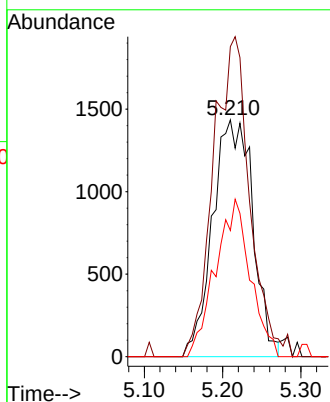
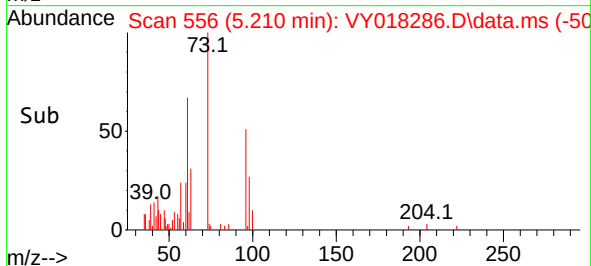
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



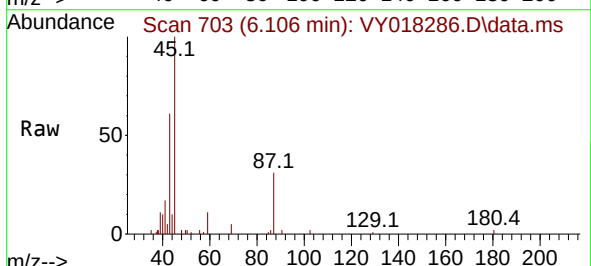
Tgt Ion: 96 Resp: 5090  
Ion Ratio Lower Upper  
96 100  
61 130.9 97.5 146.3  
98 53.3 50.5 75.7

Manual Integrations  
APPROVED

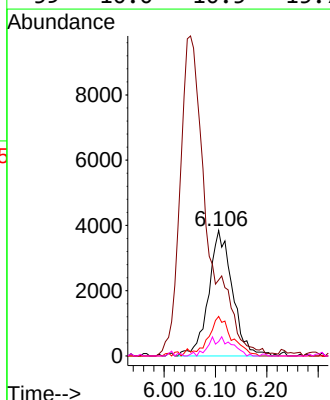
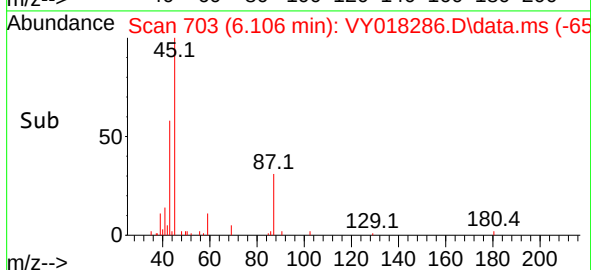
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

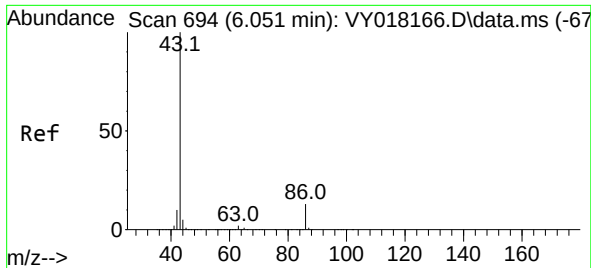


#22  
Diisopropyl ether  
Concen: 3.054 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. -0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



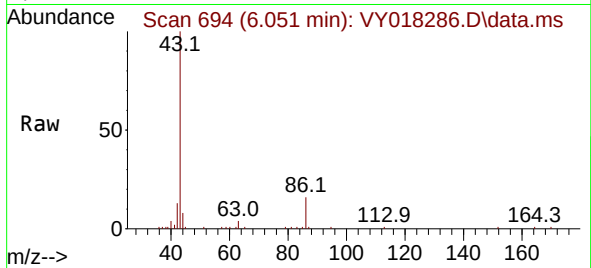
Tgt Ion: 45 Resp: 12394  
Ion Ratio Lower Upper  
45 100  
43 59.0 42.2 63.2  
87 31.5 25.0 37.6  
59 10.0 10.5 15.7#





#23  
 Vinyl Acetate  
 Concen: 14.691 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. -0.000 min  
 Lab File: VY018286.D  
 Acq: 16 May 2024 15:13

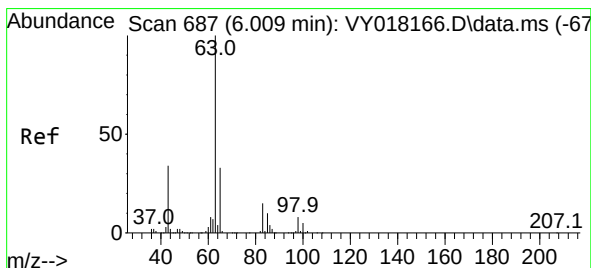
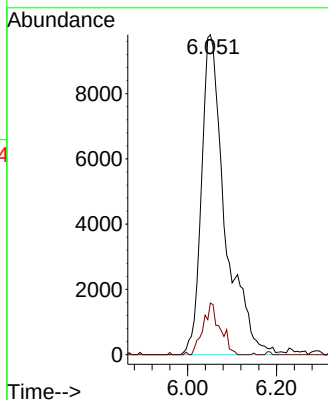
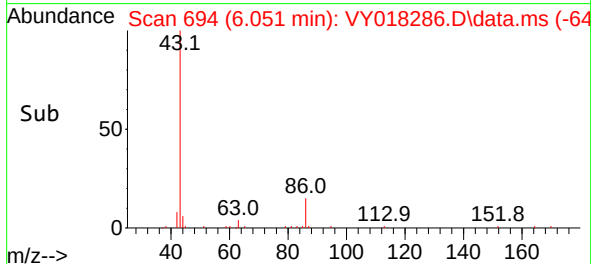
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2024



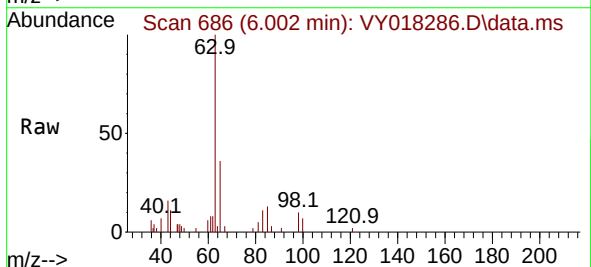
Tgt Ion: 43 Resp: 36230  
 Ion Ratio Lower Upper  
 43 100  
 86 16.2 10.6 16.0

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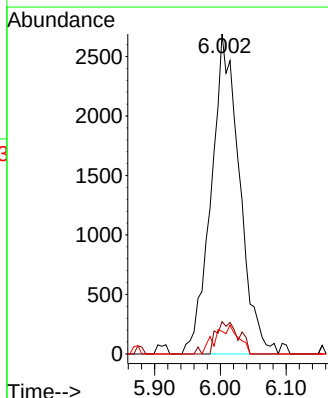
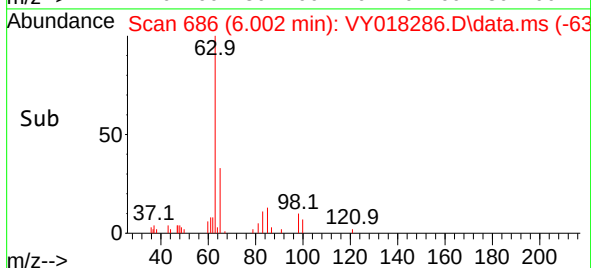
Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



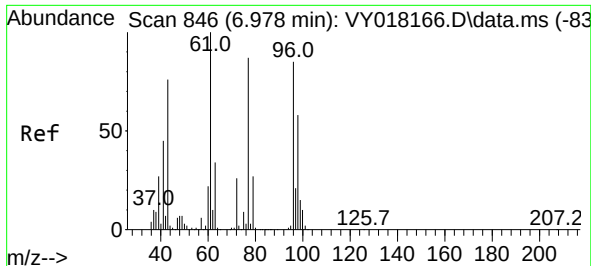
#24  
 1,1-Dichloroethane  
 Concen: 3.220 ug/l  
 RT: 6.002 min Scan# 686  
 Delta R.T. -0.006 min  
 Lab File: VY018286.D  
 Acq: 16 May 2024 15:13



Tgt Ion: 63 Resp: 8048  
 Ion Ratio Lower Upper  
 63 100  
 98 10.1 4.0 12.2  
 100 7.0 2.6 8.0







#25

2-Butanone

Concen: 17.308 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

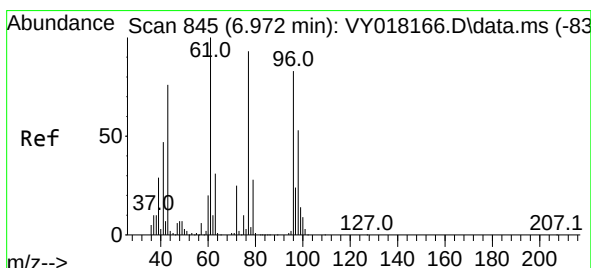
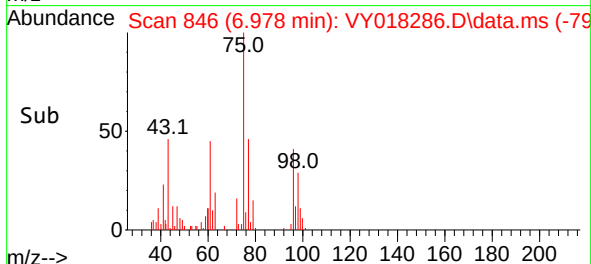
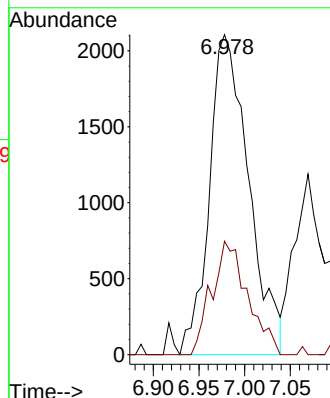
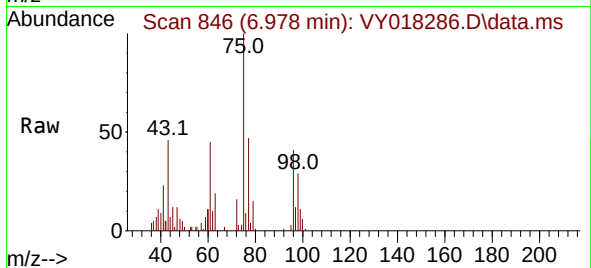
MDL-SOIL-03-QT2-2024

Tgt Ion: 43 Resp: 6310  
 Ion Ratio Lower Upper  
 43 100  
 72 35.5 27.3 40.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#26

2,2-Dichloropropane

Concen: 3.080 ug/l

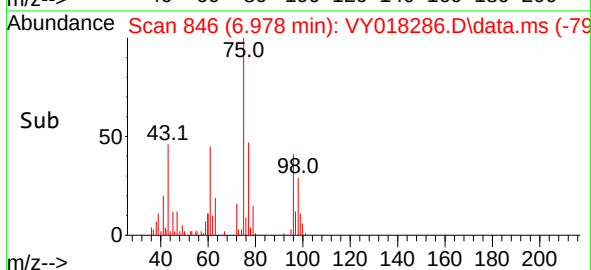
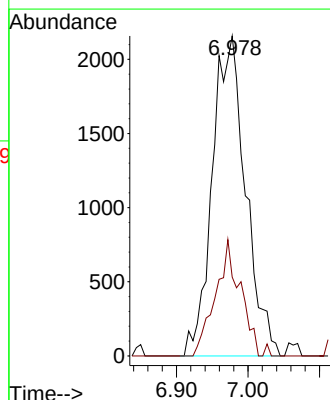
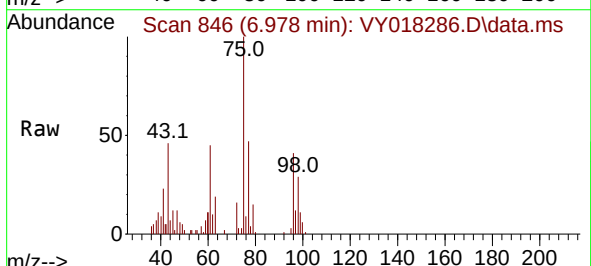
RT: 6.978 min Scan# 846

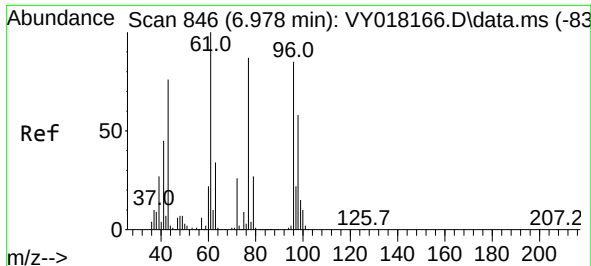
Delta R.T. 0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Tgt Ion: 77 Resp: 6967  
 Ion Ratio Lower Upper  
 77 100  
 97 27.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 3.048 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

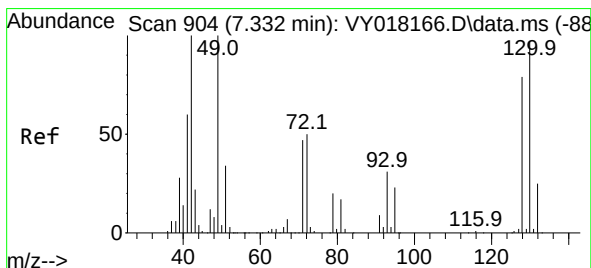
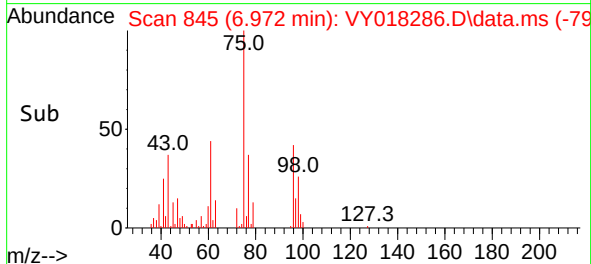
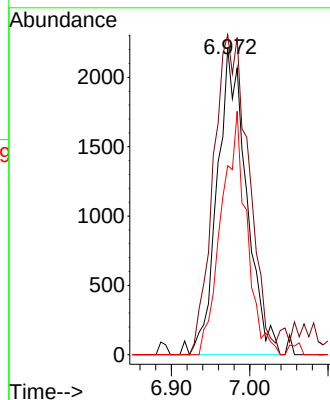
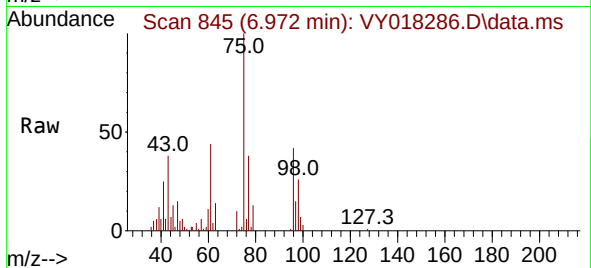
MDL-SOIL-03-QT2-2024

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 574   |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 125.0    | 0.0 256.2   |
| 98 68.3     | 0.0 130.0   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#28

Bromochloromethane

Concen: 3.618 ug/l

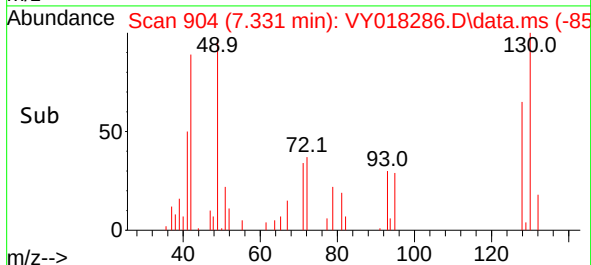
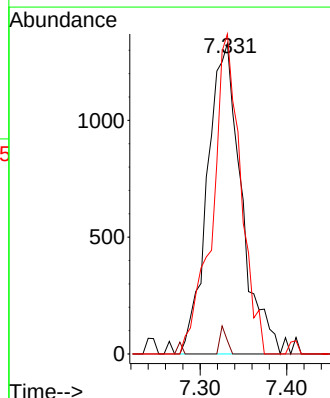
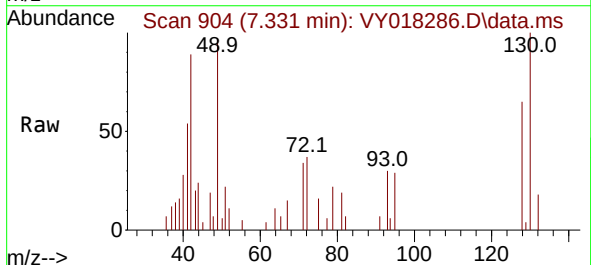
RT: 7.331 min Scan# 904

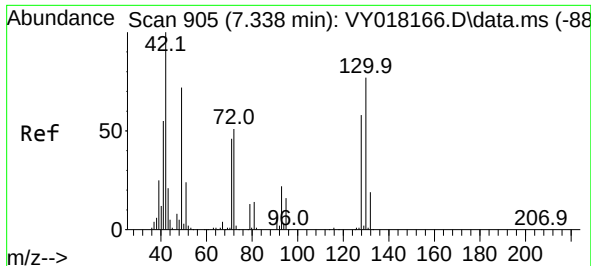
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 3615  |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.8     | 0.0 4.6     |
| 130 86.3    | 72.7 109.1  |





#29

Tetrahydrofuran

Concen: 19.699 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

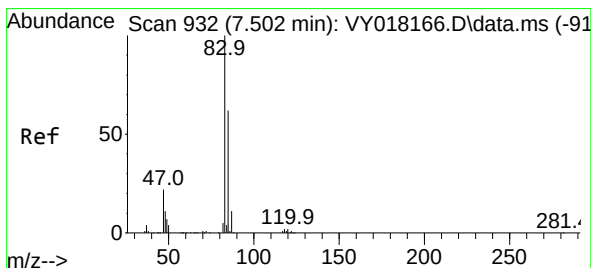
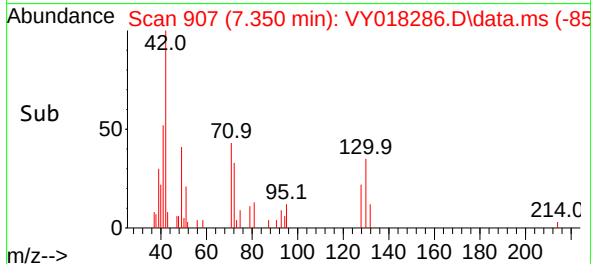
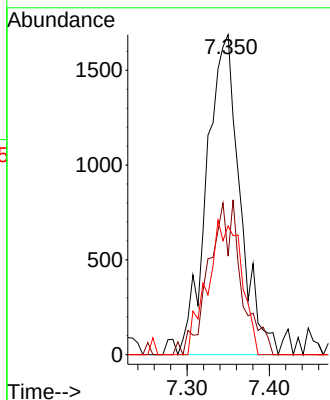
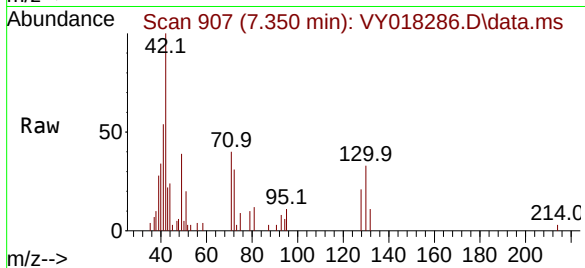
MDL-SOIL-03-QT2-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 474  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 46.8  | 43.0  | 64.4 |
| 71        | 43.1  | 40.8  | 61.2 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#30

Chloroform

Concen: 3.045 ug/l

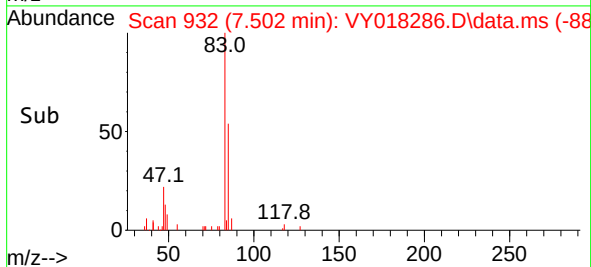
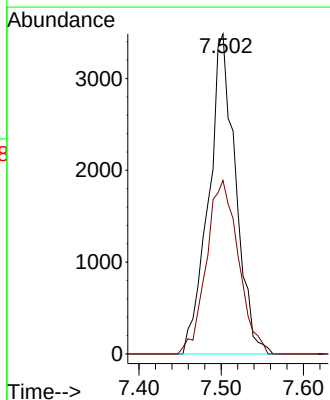
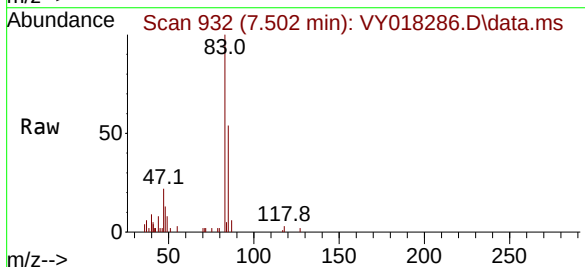
RT: 7.502 min Scan# 932

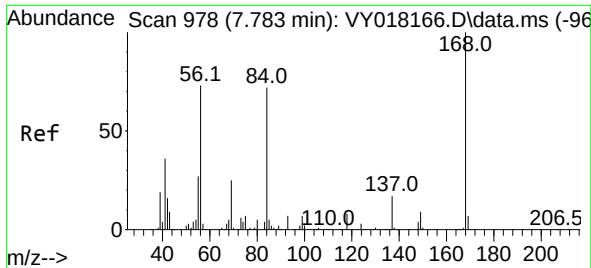
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

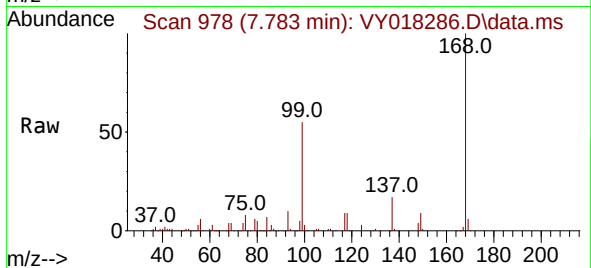
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 7947 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 54.2  | 52.2  | 78.4 |





#31  
Cyclohexane  
Concen: 3.984 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

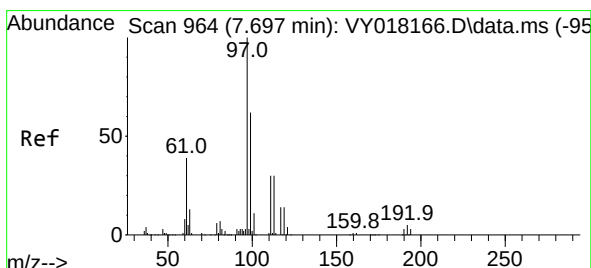
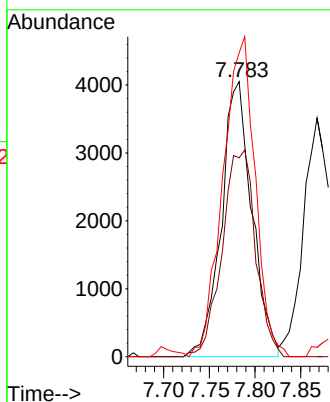
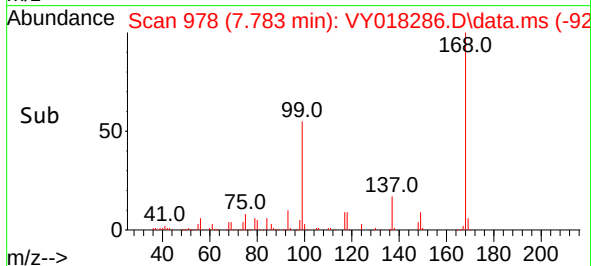
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 56 Resp: 945  
Ion Ratio Lower Upper  
56 100  
69 72.3 28.7 43.1  
84 108.9 77.7 116.5

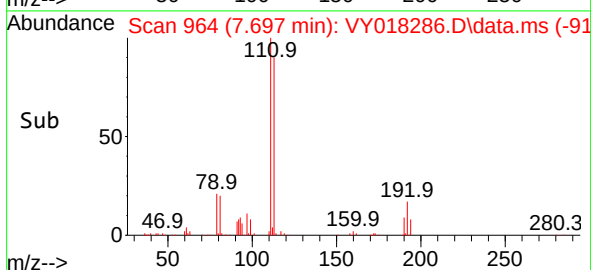
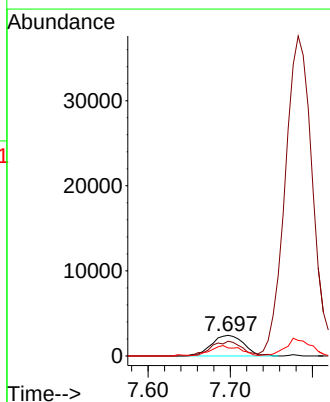
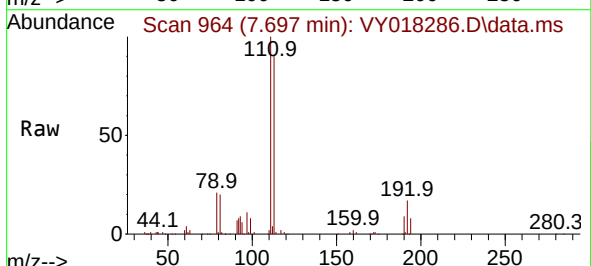
Manual Integrations  
APPROVED

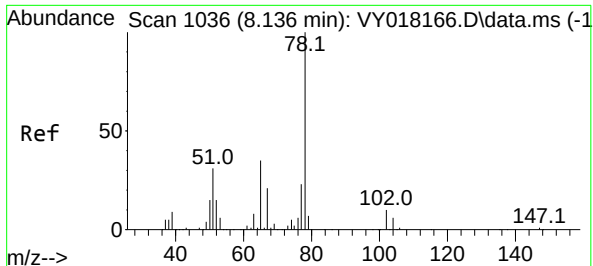
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#32  
1,1,1-Trichloroethane  
Concen: 2.840 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion: 97 Resp: 6643  
Ion Ratio Lower Upper  
97 100  
99 67.7 50.3 75.5  
61 44.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 62.109 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

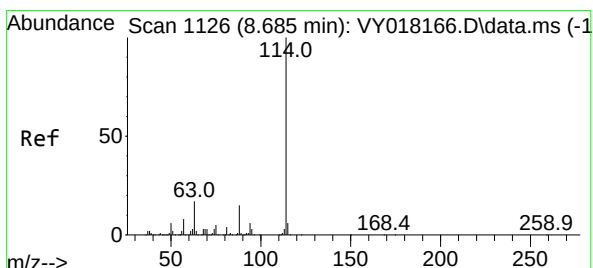
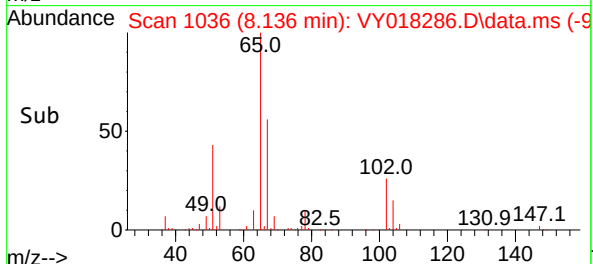
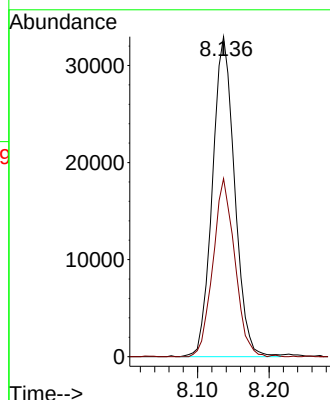
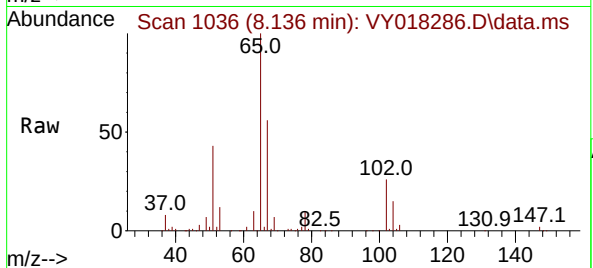
MDL-SOIL-03-QT2-2024

Tgt Ion: 65 Resp: 7105  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

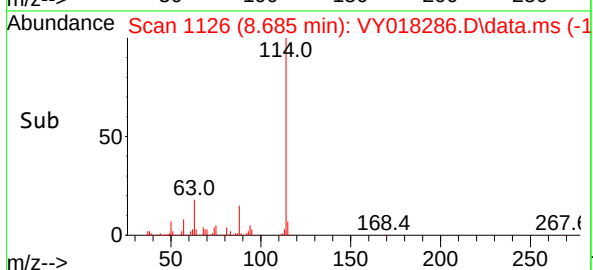
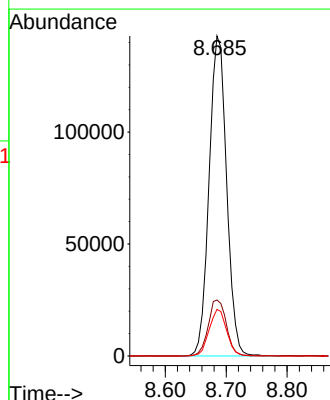
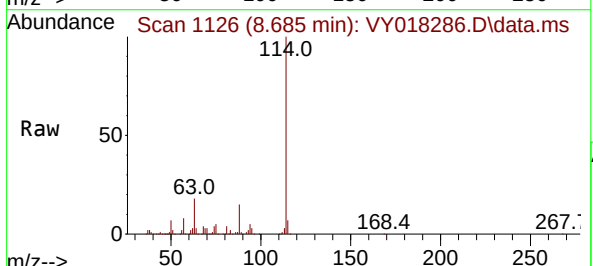
RT: 8.685 min Scan# 1126

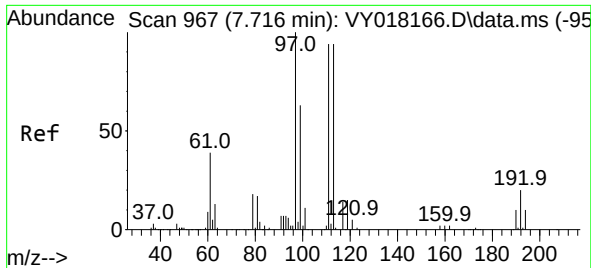
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Tgt Ion:114 Resp: 285284  
 Ion Ratio Lower Upper  
 114 100  
 63 17.5 0.0 35.0  
 88 14.5 0.0 27.2





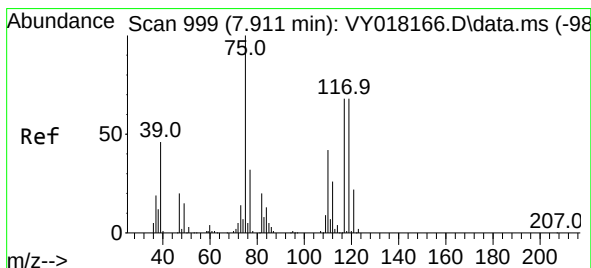
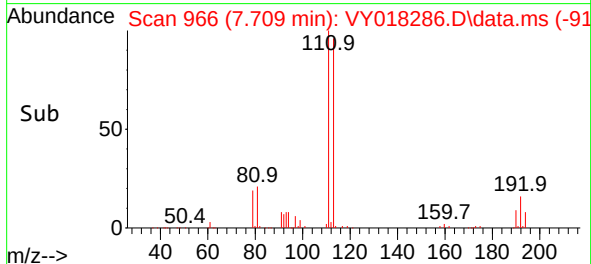
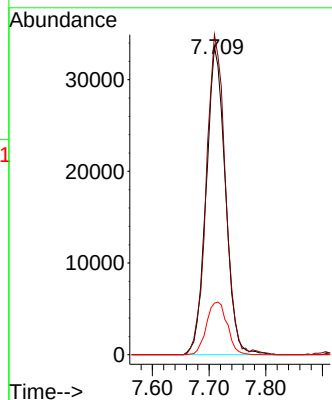
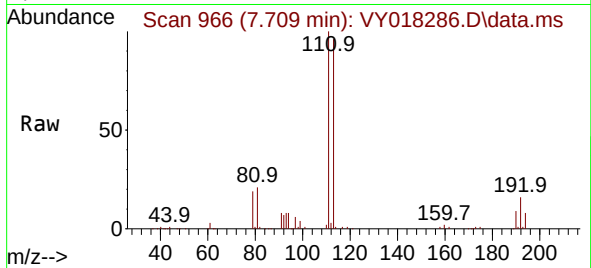
#35  
Dibromofluoromethane  
Concen: 52.667 ug/l  
RT: 7.709 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion:113 Resp: 7896  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.2 123.4  
192 18.4 15.9 23.9

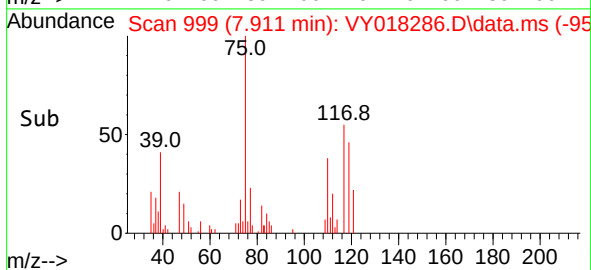
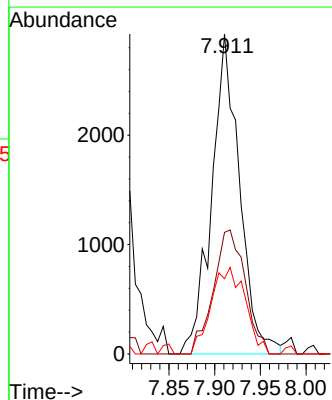
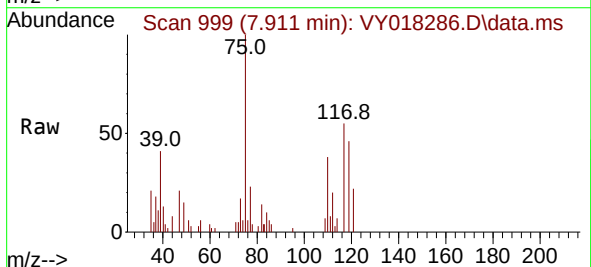
Manual Integrations  
APPROVED

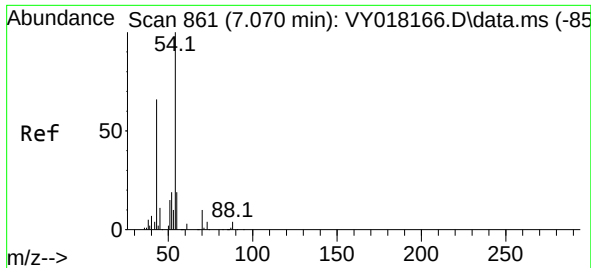
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#36  
1,1-Dichloropropene  
Concen: 2.891 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion: 75 Resp: 6213  
Ion Ratio Lower Upper  
75 100  
110 44.0 19.0 57.0  
77 33.0 25.3 37.9





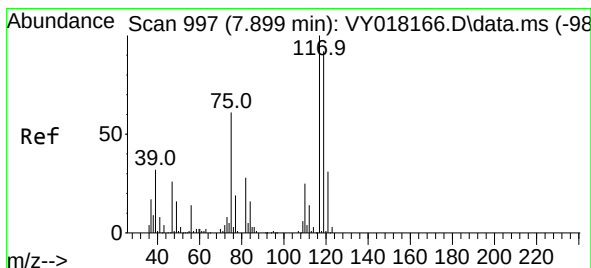
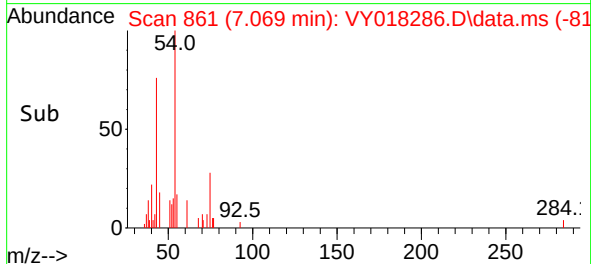
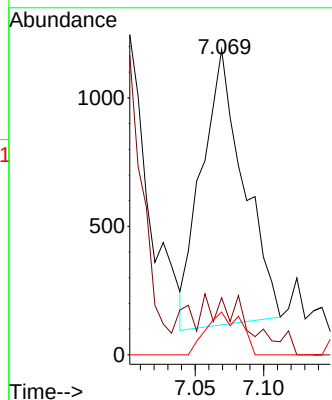
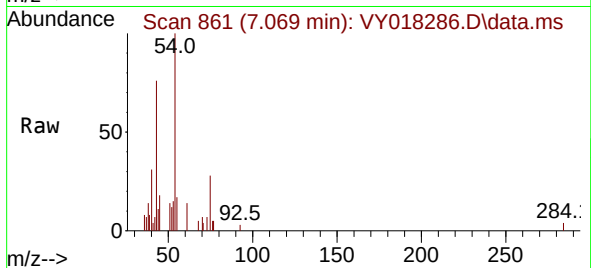
#37  
Ethyl Acetate  
Concen: 2.518 ug/l  
RT: 7.069 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 43 Resp: 2278  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.6 19.0  
70 12.9 7.8 11.8

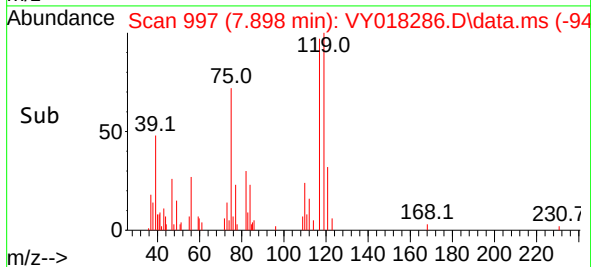
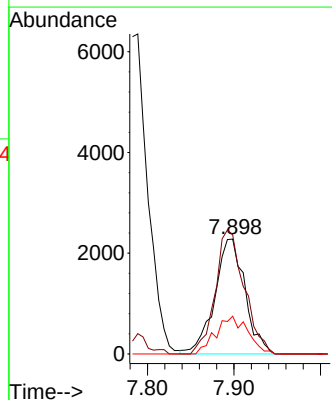
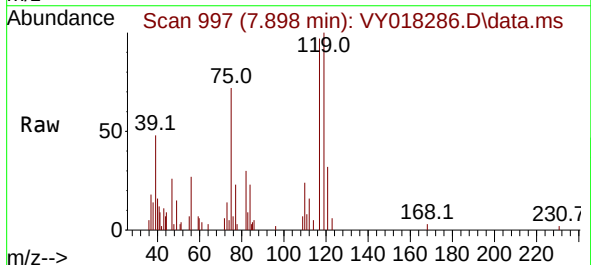
Manual Integrations  
APPROVED

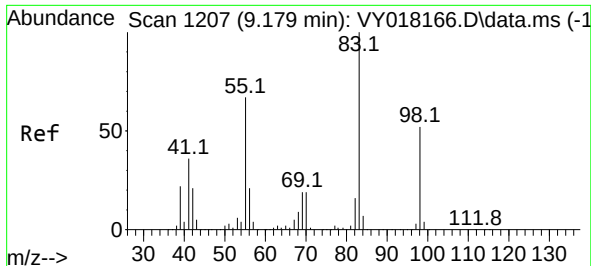
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#38  
Carbon Tetrachloride  
Concen: 2.362 ug/l  
RT: 7.898 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion:117 Resp: 5548  
Ion Ratio Lower Upper  
117 100  
119 103.6 75.8 113.6  
121 32.9 24.0 36.0





#39

Methylcyclohexane

Concen: 2.536 ug/l

RT: 9.185 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

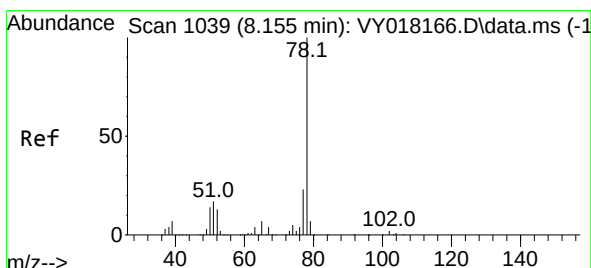
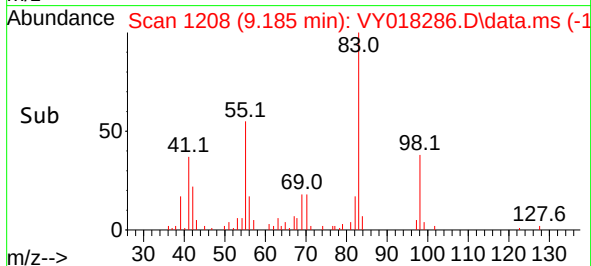
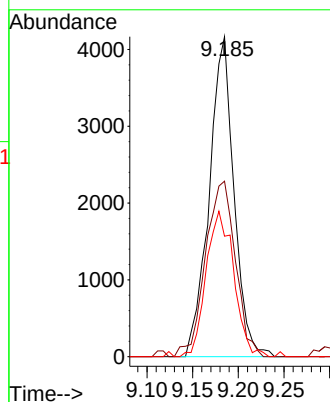
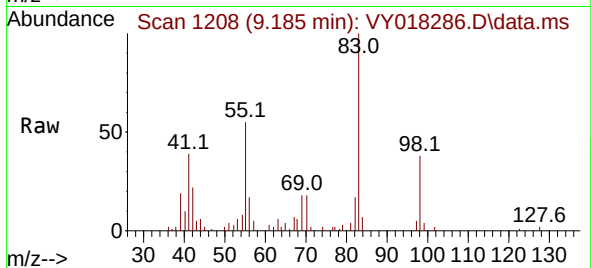
MDL-SOIL-03-QT2-2024

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 786   |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 54.8     | 51.5 77.3   |
| 98 37.7     | 40.5 60.7   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#40

Benzene

Concen: 2.702 ug/l

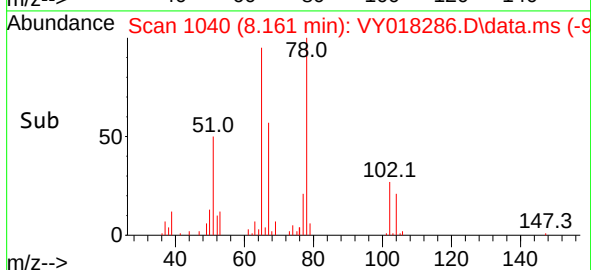
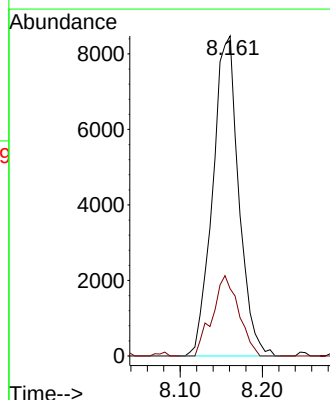
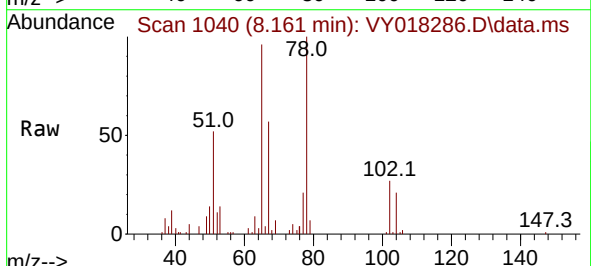
RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

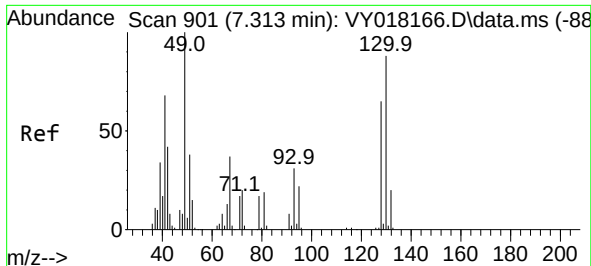
Lab File: VY018286.D

Acq: 16 May 2024 15:13

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 18678 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 21.0     | 19.5 29.3   |

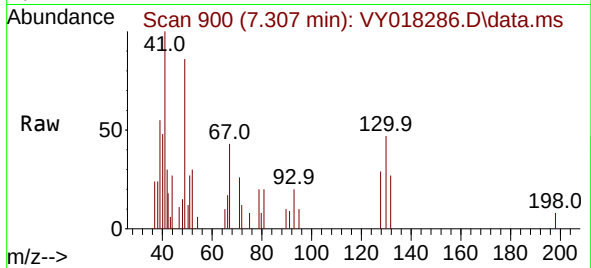






#41  
Methacrylonitrile  
Concen: 3.381 ug/l  
RT: 7.307 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

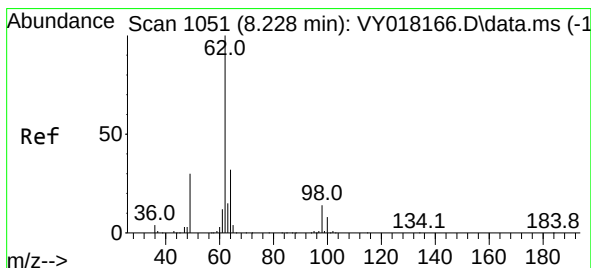
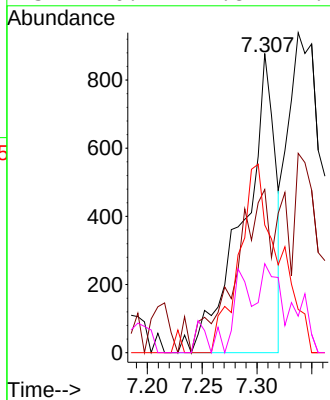
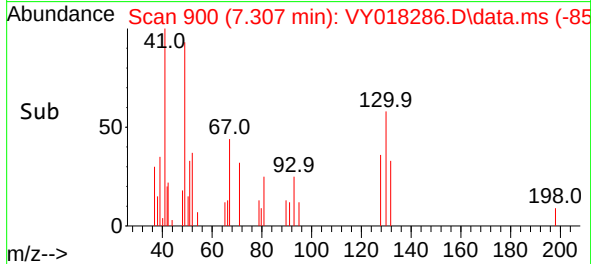
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 41 Resp: 1760  
Ion Ratio Lower Upper  
41 100  
39 61.0 48.0 72.0  
67 78.7 75.1 112.7  
52 10.1 29.8 44.6#

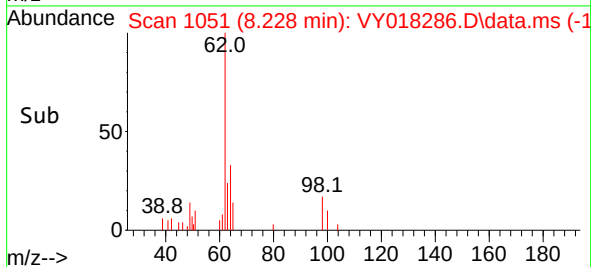
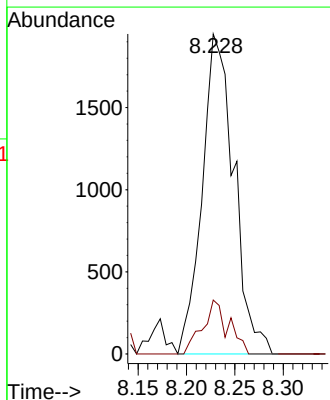
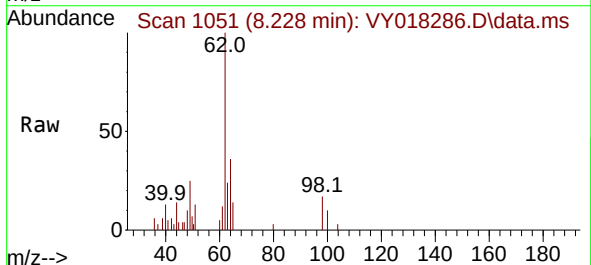
Manual Integrations  
APPROVED

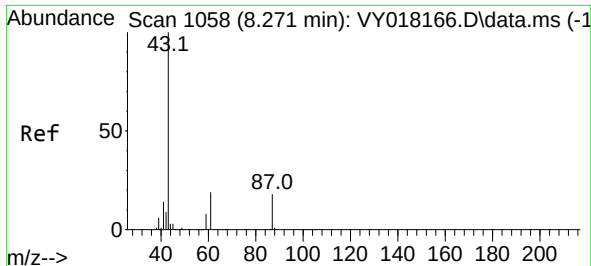
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#42  
1,2-Dichloroethane  
Concen: 2.963 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

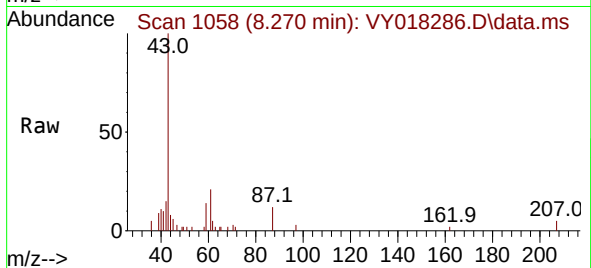
Tgt Ion: 62 Resp: 4457  
Ion Ratio Lower Upper  
62 100  
98 13.7 0.0 22.0





#43  
Isopropyl Acetate  
Concen: 3.077 ug/l  
RT: 8.270 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

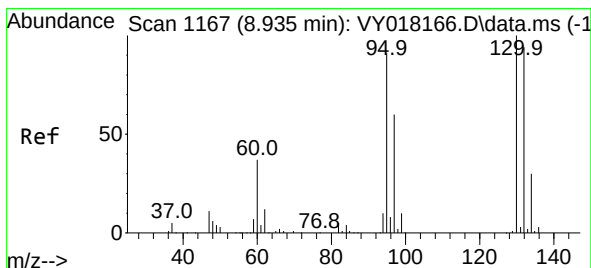
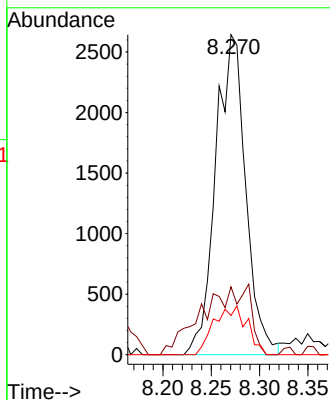
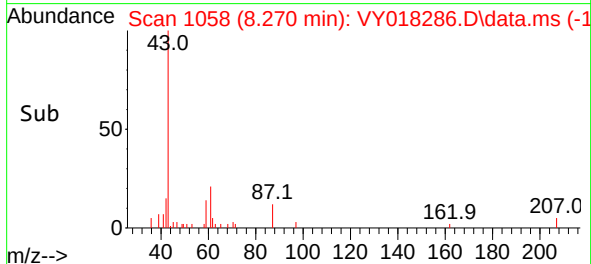
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 43 Resp: 570  
Ion Ratio Lower Upper  
43 100  
61 0.0 27.9 41.9  
87 16.6 13.1 19.7

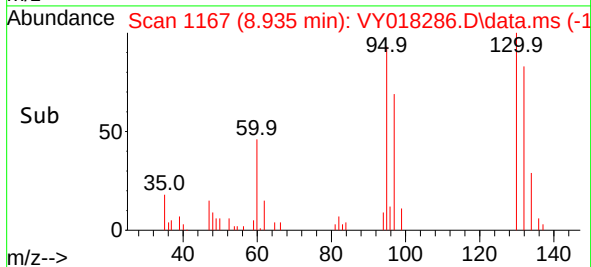
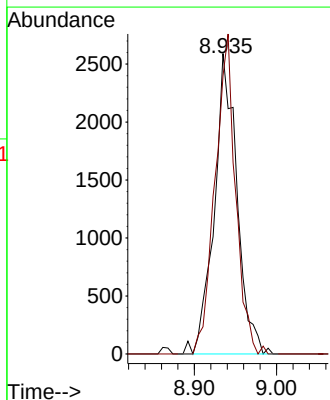
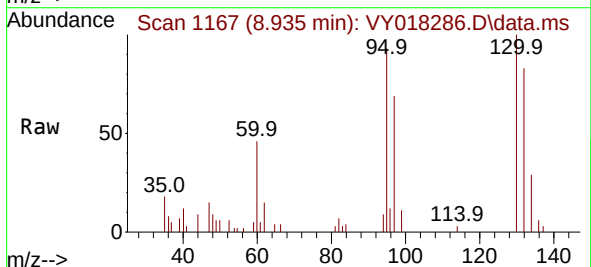
Manual Integrations  
APPROVED

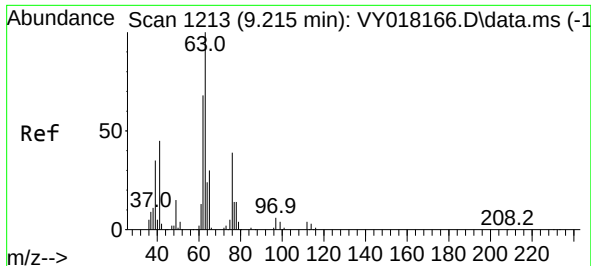
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#44  
Trichloroethene  
Concen: 2.650 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion:130 Resp: 4987  
Ion Ratio Lower Upper  
130 100  
95 92.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.702 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 63 Resp: 4084

Ion Ratio Lower Upper

63 100

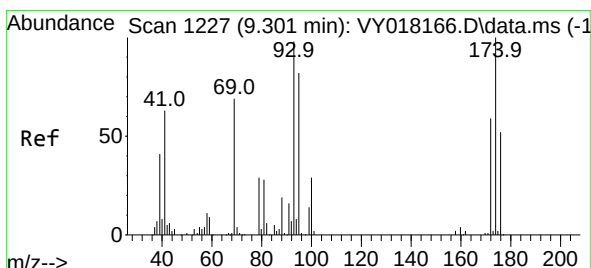
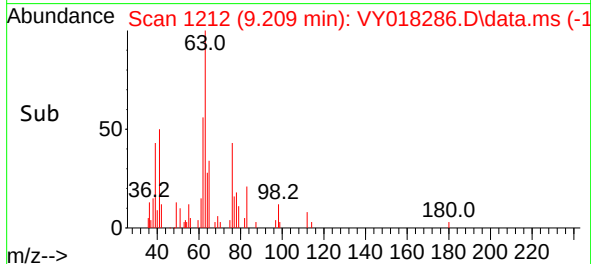
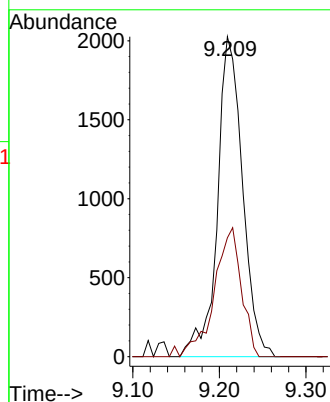
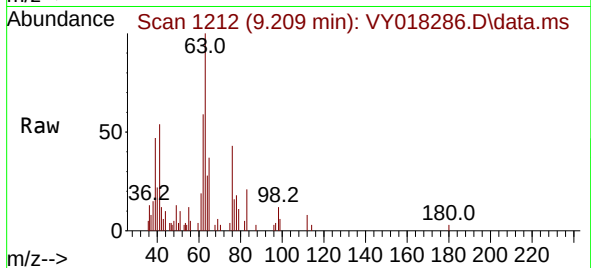
65 37.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#46

Dibromomethane

Concen: 3.038 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

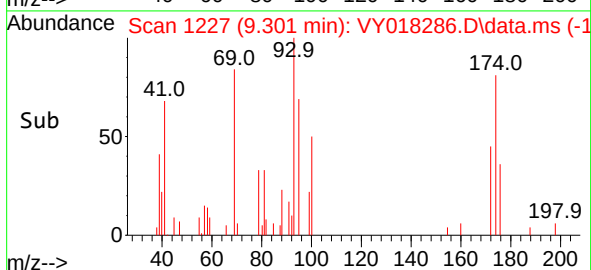
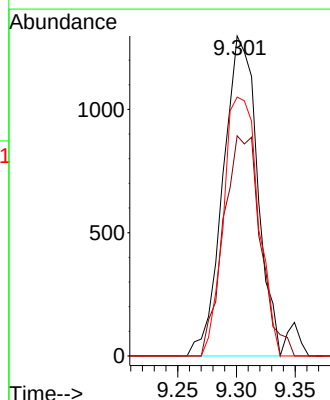
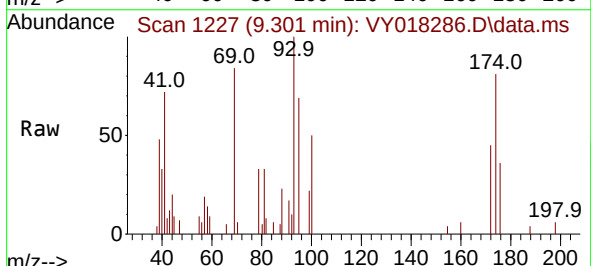
Tgt Ion: 93 Resp: 2640

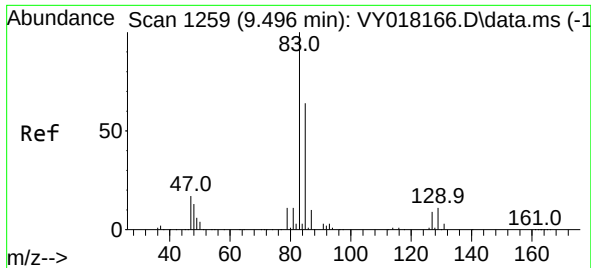
Ion Ratio Lower Upper

93 100

95 74.2 66.2 99.4

174 81.8 80.9 121.3





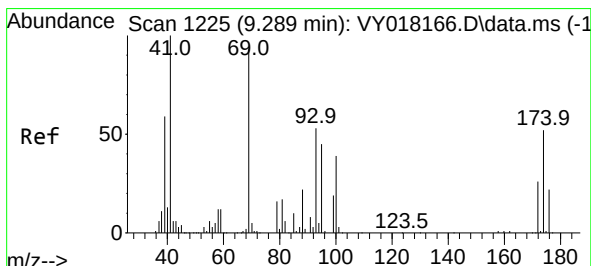
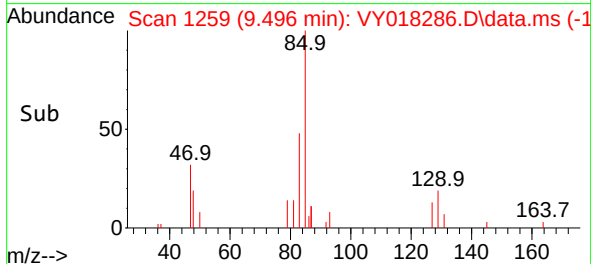
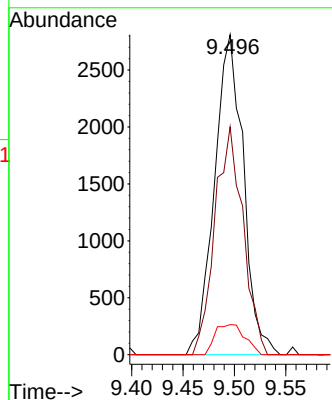
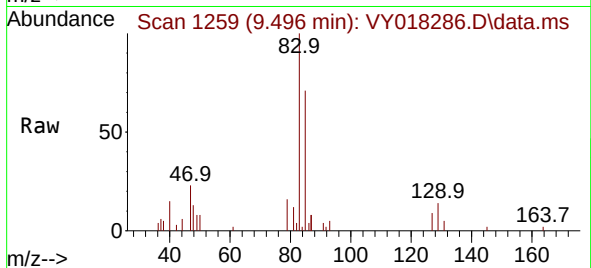
#47  
Bromodichloromethane  
Concen: 2.554 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024

Tgt Ion: 83 Resp: 548  
Ion Ratio Lower Upper  
83 100  
85 71.2 50.1 75.1  
127 9.4 7.4 11.0

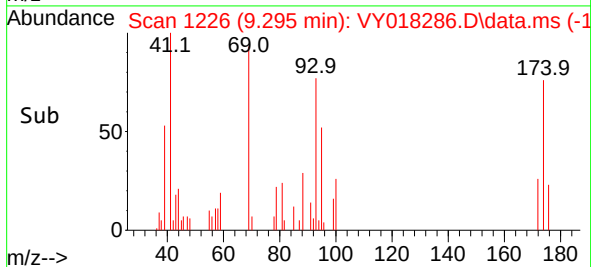
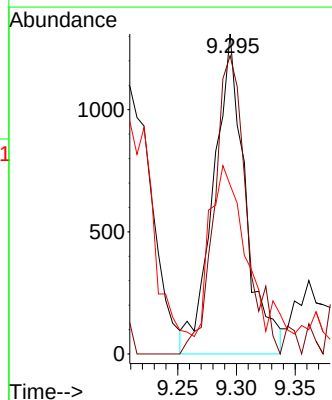
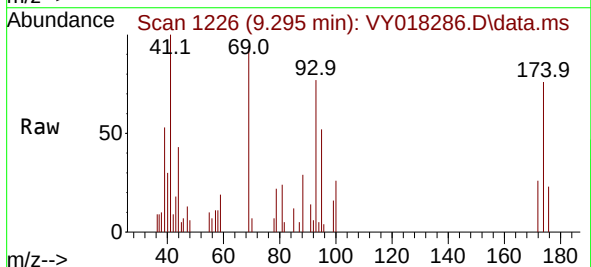
Manual Integrations  
APPROVED

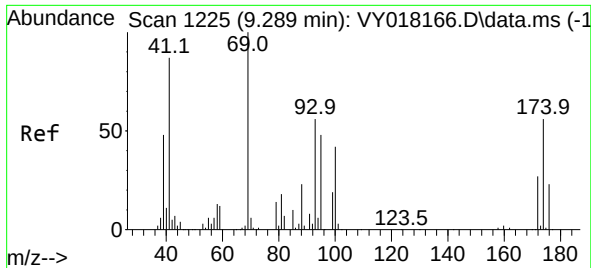
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#48  
Methyl methacrylate  
Concen: 2.905 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

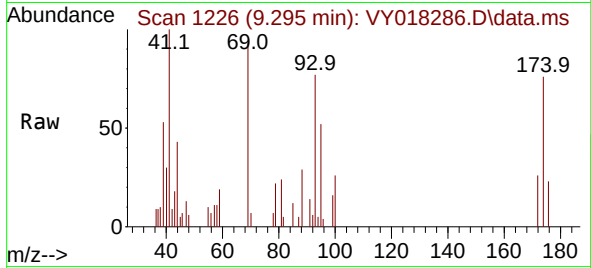
Tgt Ion: 41 Resp: 2469  
Ion Ratio Lower Upper  
41 100  
69 93.5 84.1 126.1  
39 58.7 43.6 65.4





#49  
1,4-Dioxane  
Concen: 62.858 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

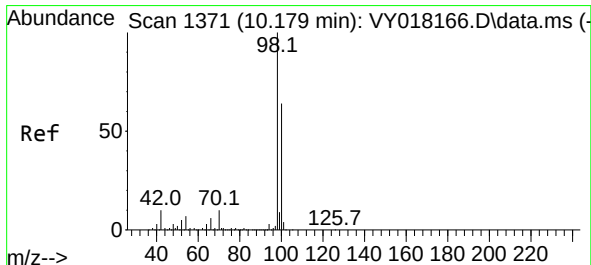
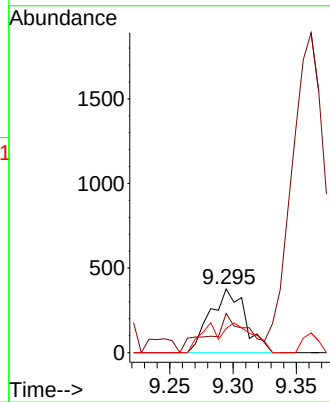
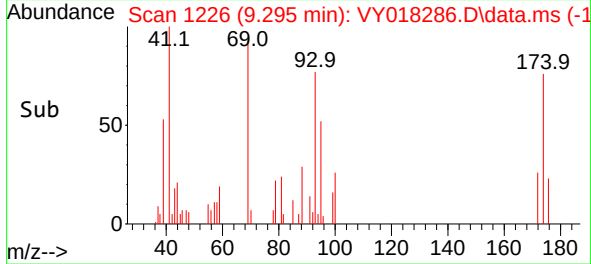
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



Tgt Ion: 88 Resp: 725  
Ion Ratio Lower Upper  
88 100  
43 65.4 0.0 0.0  
58 37.8 49.3 73.9

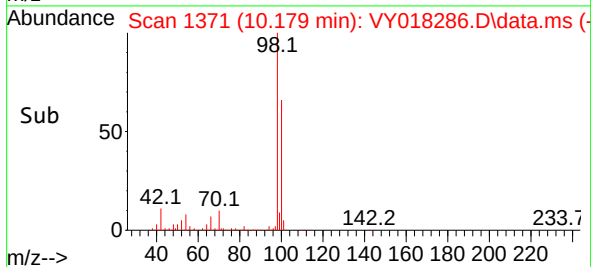
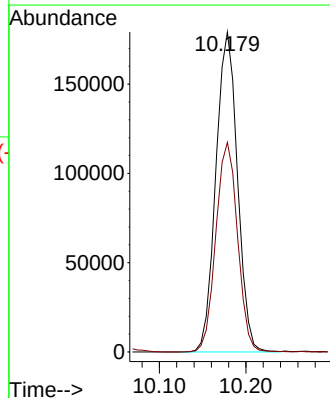
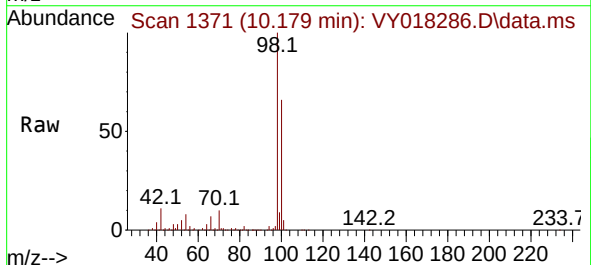
Manual Integrations  
APPROVED

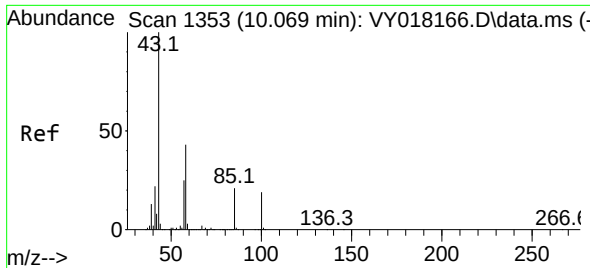
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#50  
Toluene-d8  
Concen: 52.495 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

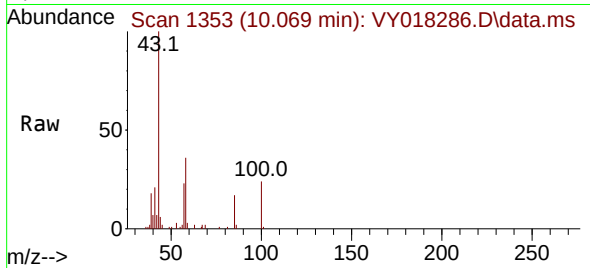
Tgt Ion: 98 Resp: 310150  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 14.077 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

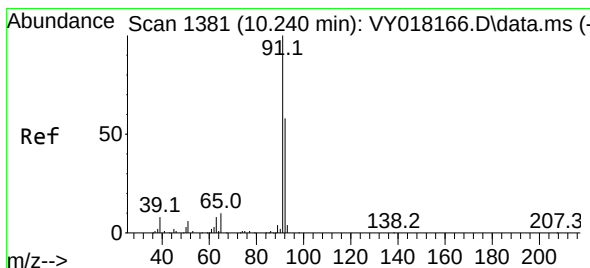
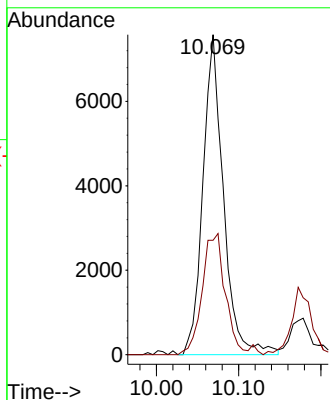
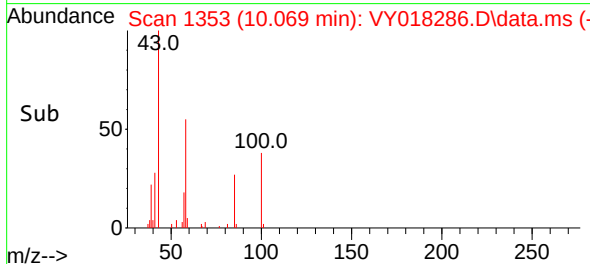
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



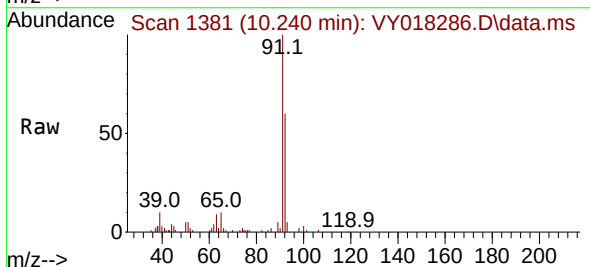
Tgt Ion: 43 Resp: 13119  
Ion Ratio Lower Upper  
43 100  
58 42.5 35.7 53.5

Manual Integrations  
APPROVED

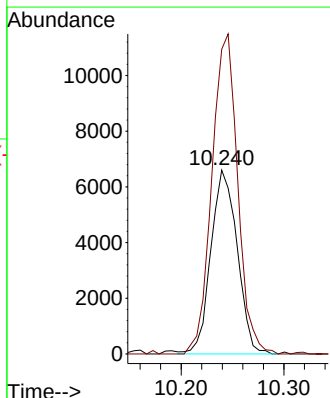
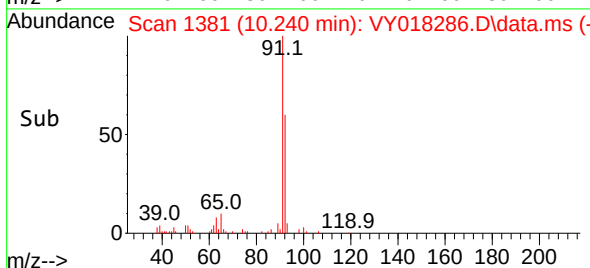
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

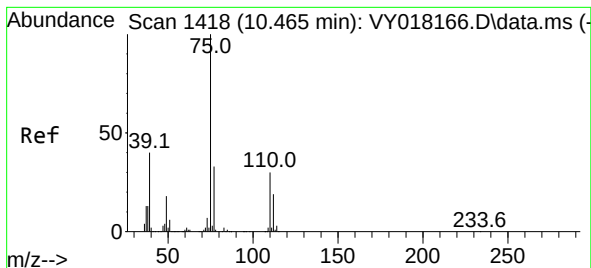


#52  
Toluene  
Concen: 2.638 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



Tgt Ion: 92 Resp: 11741  
Ion Ratio Lower Upper  
92 100  
91 170.6 139.0 208.6





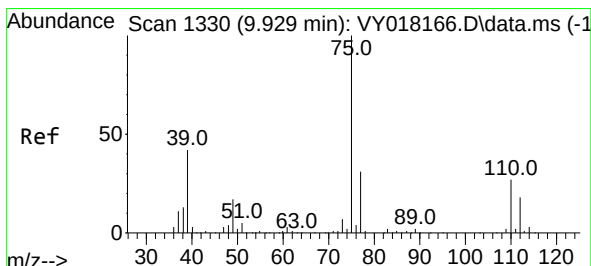
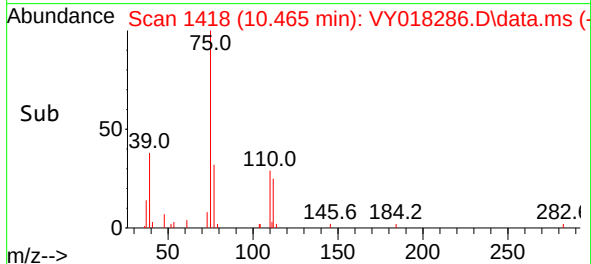
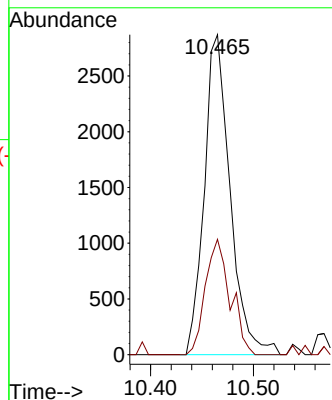
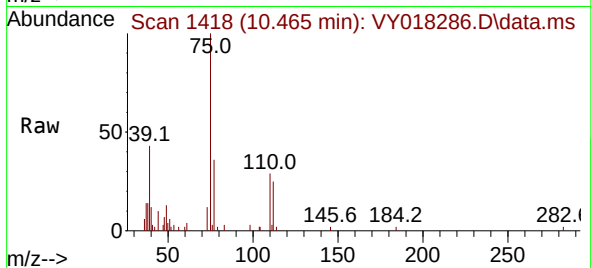
#53  
t-1,3-Dichloropropene  
Concen: 2.501 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024

Tgt Ion: 75 Resp: 5019  
Ion Ratio Lower Upper  
75 100  
77 36.1 24.1 36.1

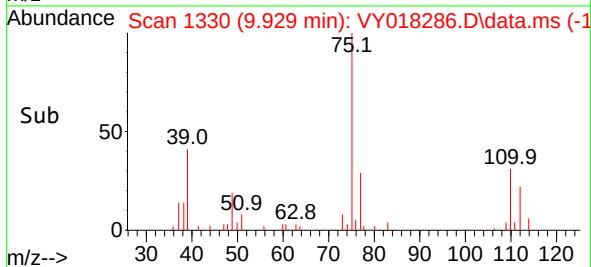
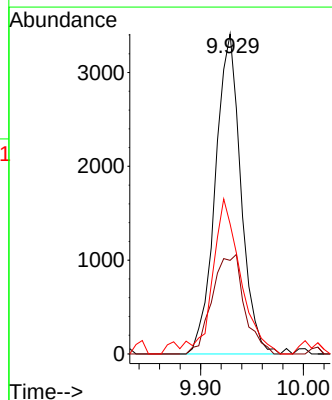
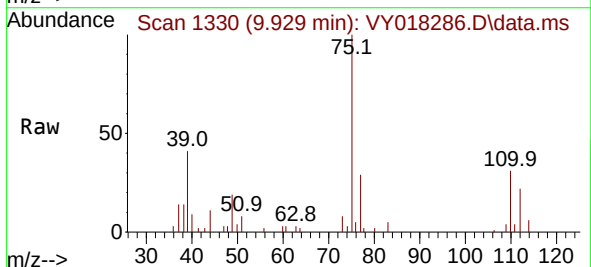
Manual Integrations  
APPROVED

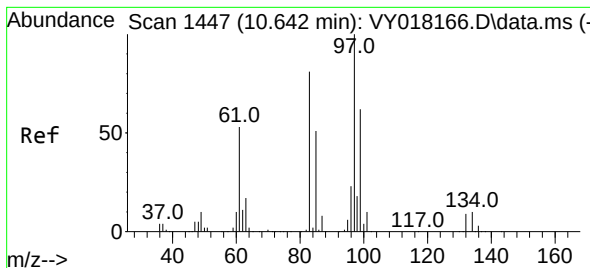
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#54  
cis-1,3-Dichloropropene  
Concen: 2.404 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

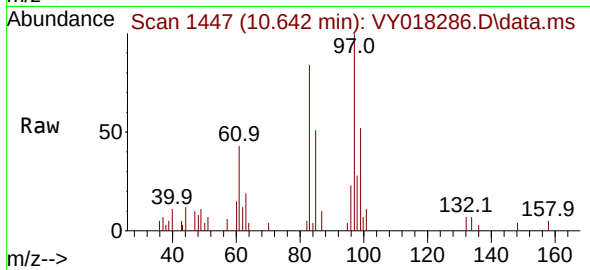
Tgt Ion: 75 Resp: 5897  
Ion Ratio Lower Upper  
75 100  
77 29.3 25.4 38.0  
39 40.6 29.8 44.6





#55  
1,1,2-Trichloroethane  
Concen: 2.928 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

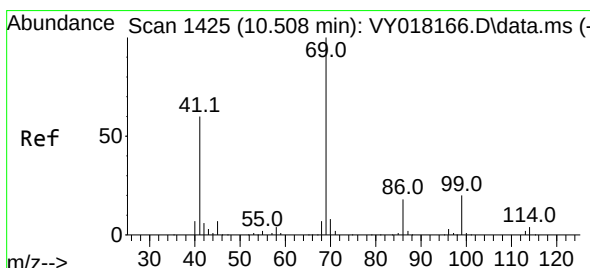
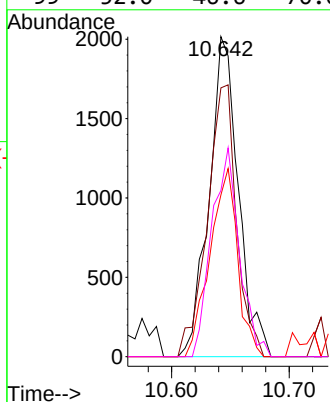
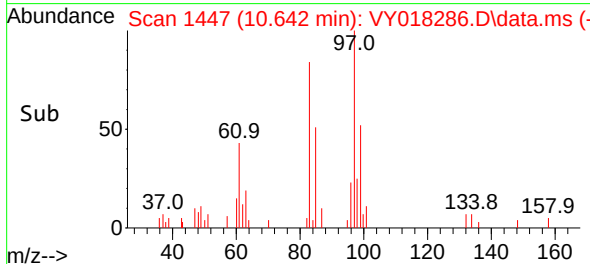
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



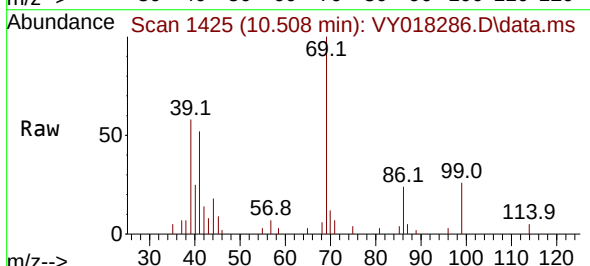
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.0  | 67.5  | 101.3 |
| 85      | 50.5  | 42.9  | 64.3  |
| 99      | 52.0  | 46.6  | 70.0  |

Manual Integrations  
APPROVED

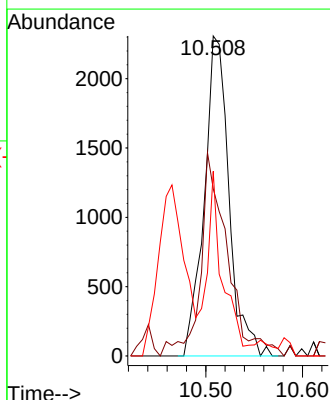
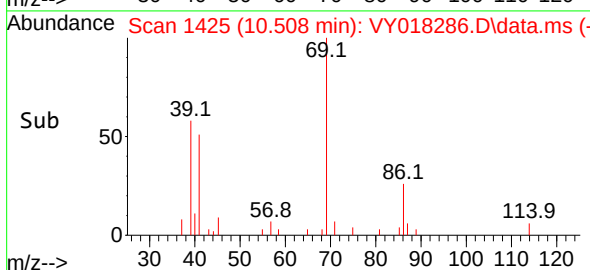
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



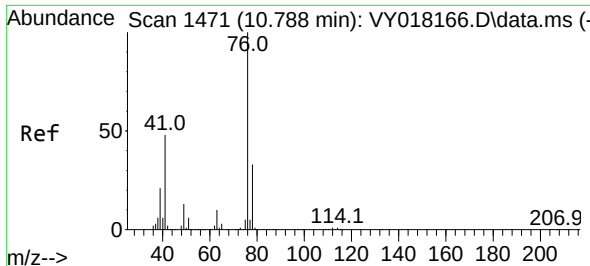
#56  
Ethyl methacrylate  
Concen: 2.536 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 68.8  | 42.3  | 63.5  |
| 39      | 33.2  | 22.9  | 34.3  |







#57

1,3-Dichloropropane

Concen: 2.733 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY018286.D

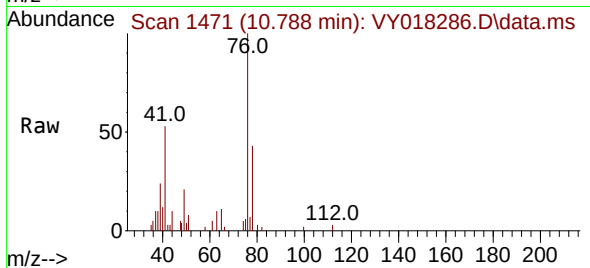
Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

MDL-SOIL-03-QT2-2024



Tgt Ion: 76 Resp: 5309

Ion Ratio Lower Upper

76 100

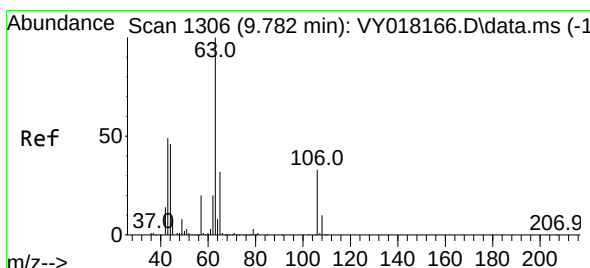
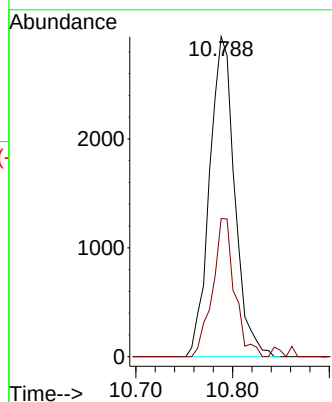
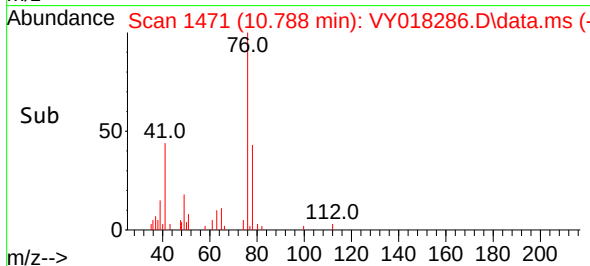
78 37.9 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024

Supervised By :Mahesh Dadoda 05/17/2024



#58

2-Chloroethyl Vinyl ether

Concen: 17.093 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018286.D

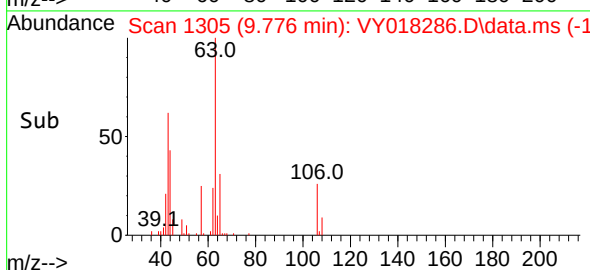
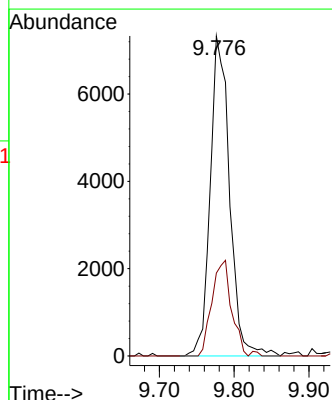
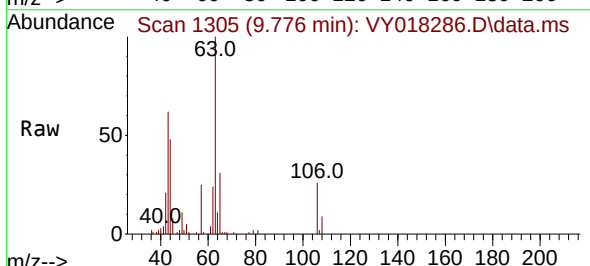
Acq: 16 May 2024 15:13

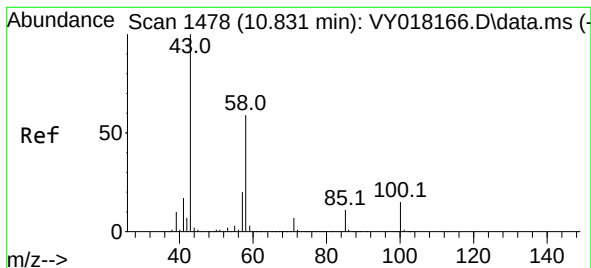
Tgt Ion: 63 Resp: 13232

Ion Ratio Lower Upper

63 100

106 30.2 23.7 35.5





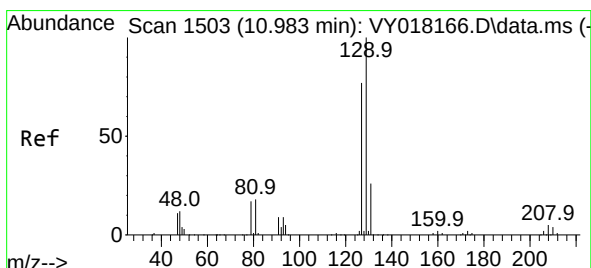
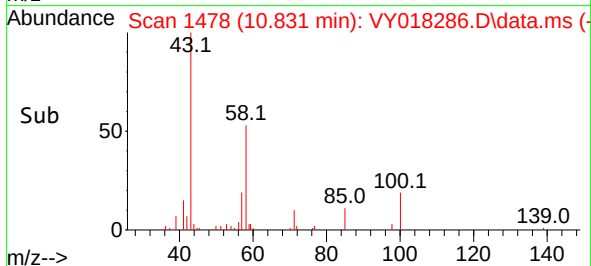
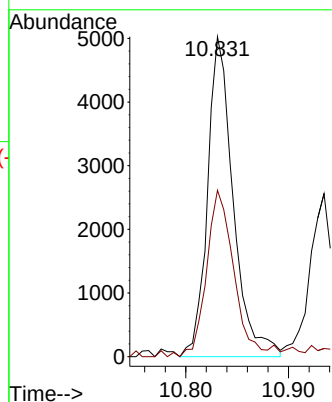
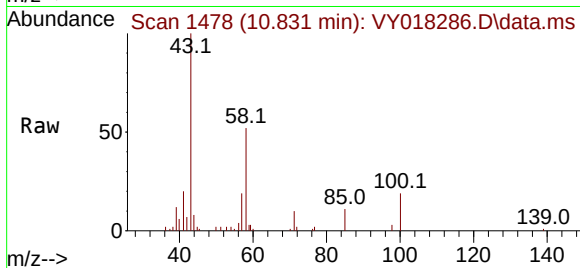
#59  
2-Hexanone  
Concen: 13.408 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 43 Resp: 873  
Ion Ratio Lower Upper  
43 100  
58 54.6 31.4 94.0

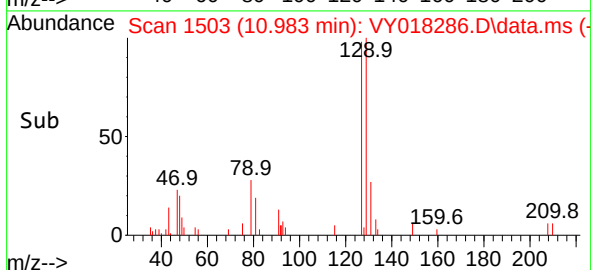
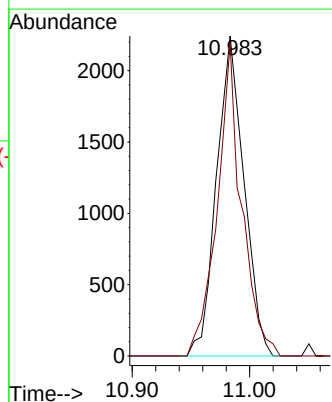
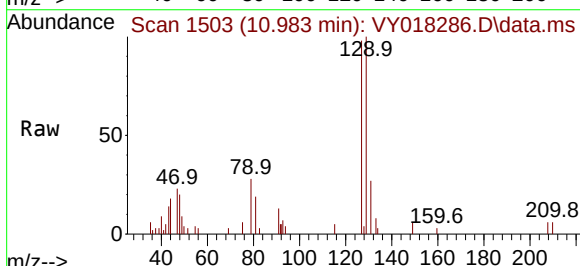
Manual Integrations  
APPROVED

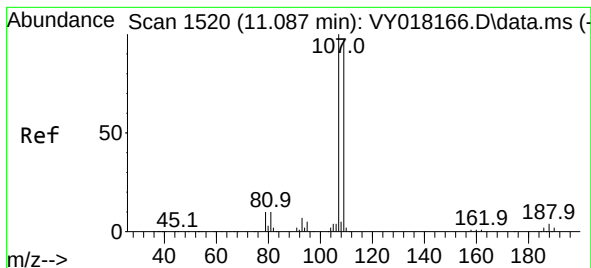
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#60  
Dibromochloromethane  
Concen: 2.354 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

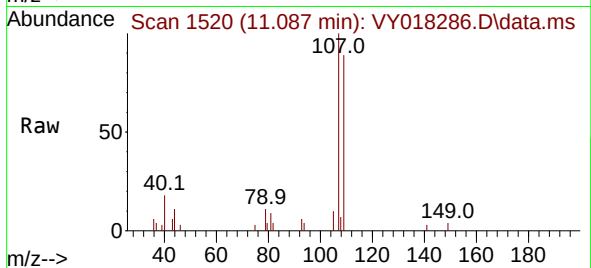
Tgt Ion:129 Resp: 3645  
Ion Ratio Lower Upper  
129 100  
127 86.7 39.0 117.0





#61  
1,2-Dibromoethane  
Concen: 3.094 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

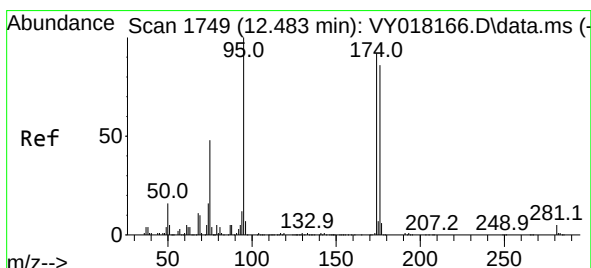
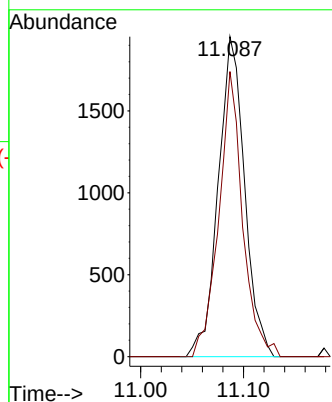
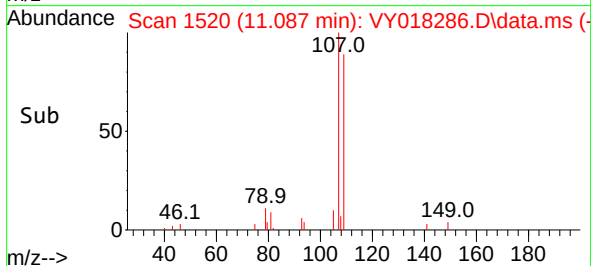
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



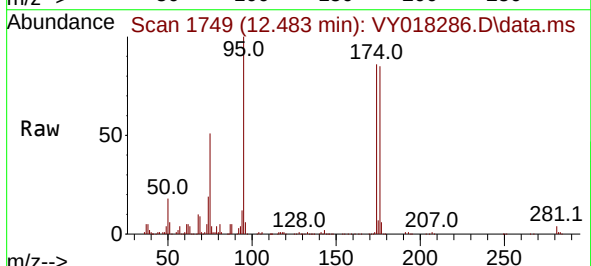
Tgt Ion:107 Resp: 3479  
Ion Ratio Lower Upper  
107 100  
109 80.2 75.9 113.9

Manual Integrations  
APPROVED

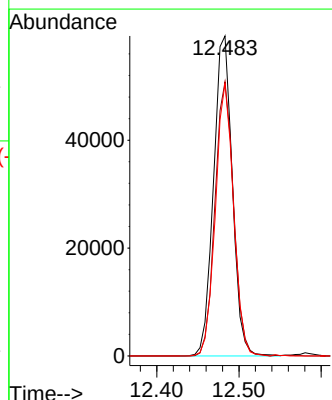
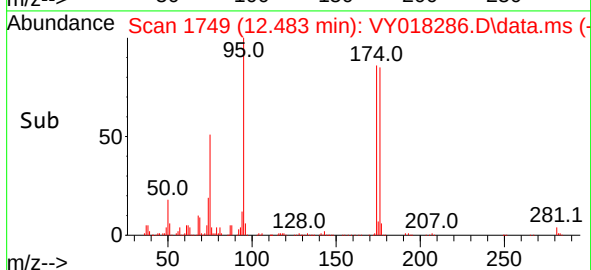
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

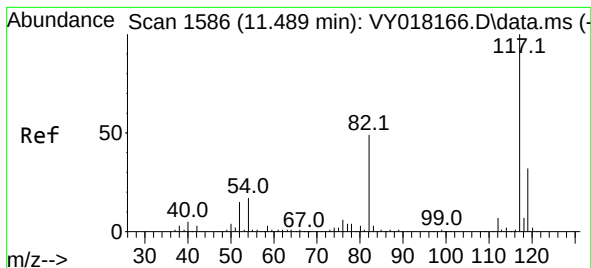


#62  
4-Bromofluorobenzene  
Concen: 49.383 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



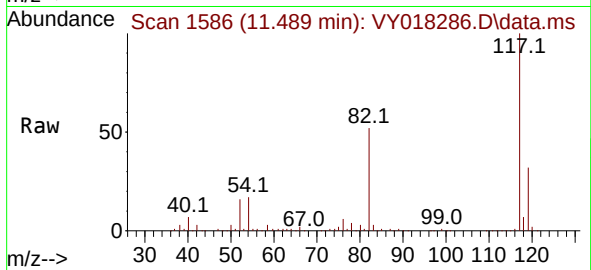
Tgt Ion: 95 Resp: 94223  
Ion Ratio Lower Upper  
95 100  
174 84.9 0.0 175.6  
176 82.0 0.0 171.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

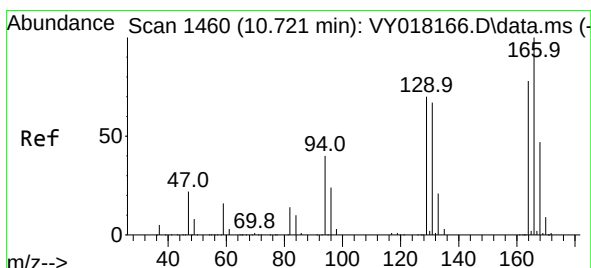
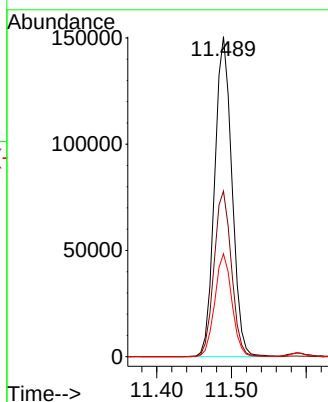
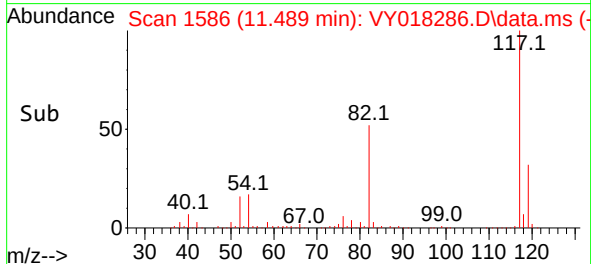
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



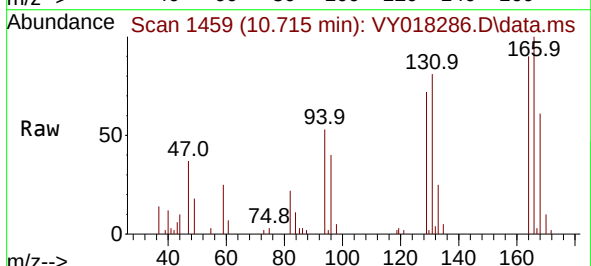
Tgt Ion:117 Resp: 24207  
Ion Ratio Lower Upper  
117 100  
82 51.8 42.4 63.6  
119 32.2 25.9 38.9

Manual Integrations  
APPROVED

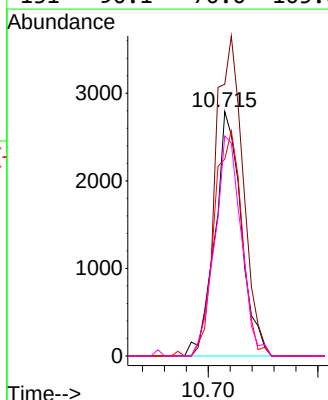
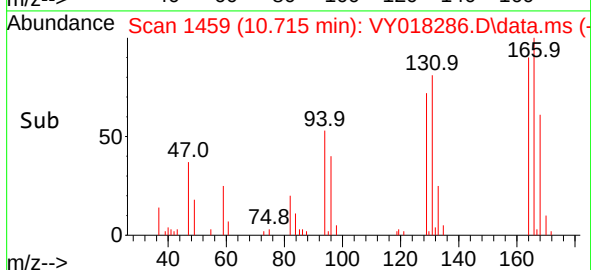
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

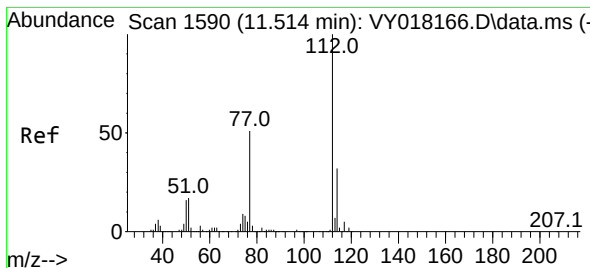


#64  
Tetrachloroethene  
Concen: 2.873 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



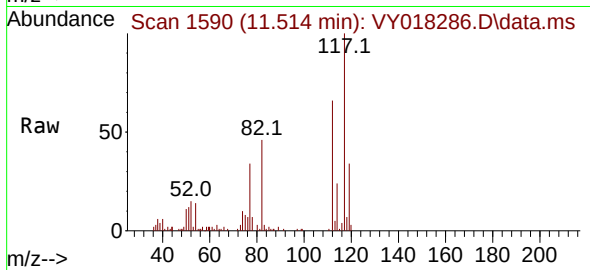
Tgt Ion:164 Resp: 4630  
Ion Ratio Lower Upper  
164 100  
166 111.2 102.6 154.0  
129 80.5 72.0 108.0  
131 90.1 70.0 105.0





#65  
Chlorobenzene  
Concen: 2.743 ug/l  
RT: 11.514 min Scan# 1150  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

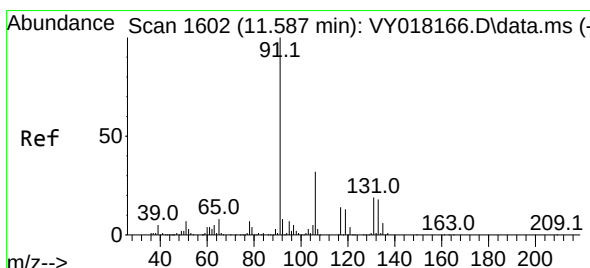
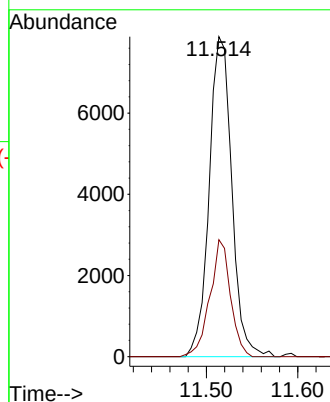
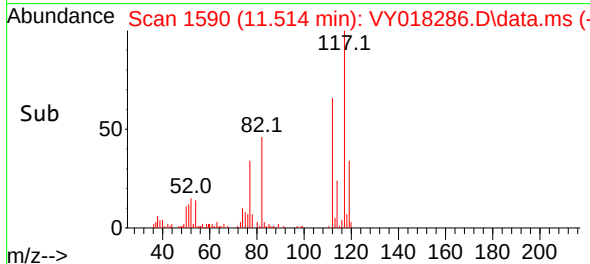
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



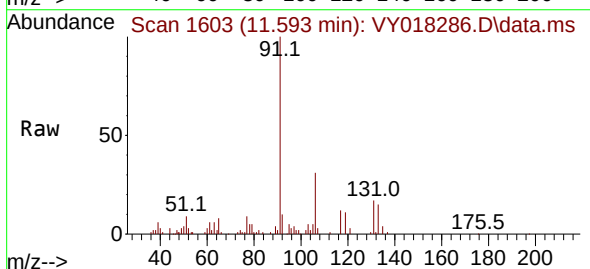
Tgt Ion:112 Resp: 1352  
Ion Ratio Lower Upper  
112 100  
114 36.6 26.4 39.6

Manual Integrations  
APPROVED

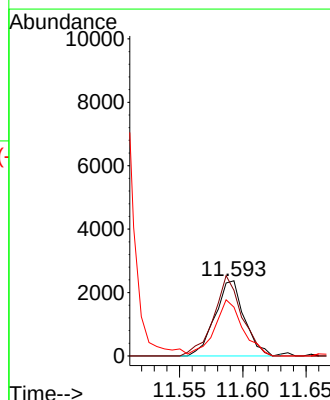
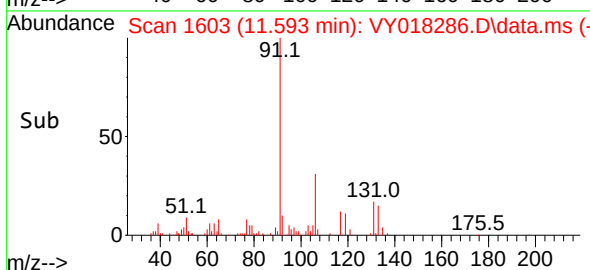
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

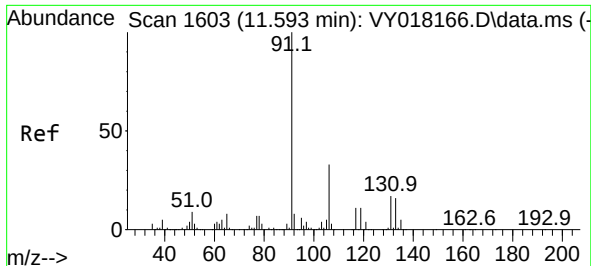


#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.398 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



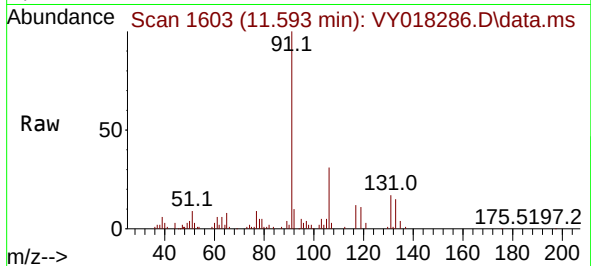
Tgt Ion:131 Resp: 3824  
Ion Ratio Lower Upper  
131 100  
133 101.9 47.8 143.3  
119 71.6 34.1 102.2





#67  
Ethyl Benzene  
Concen: 2.626 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

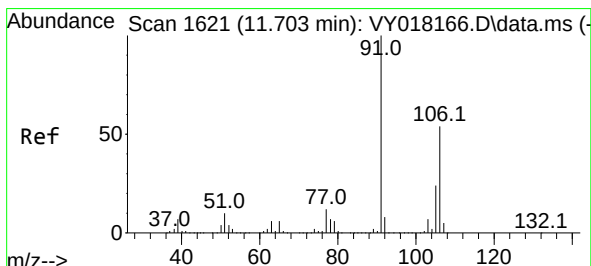
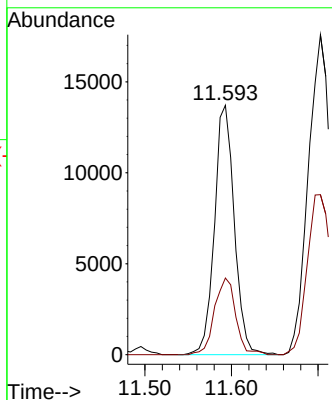
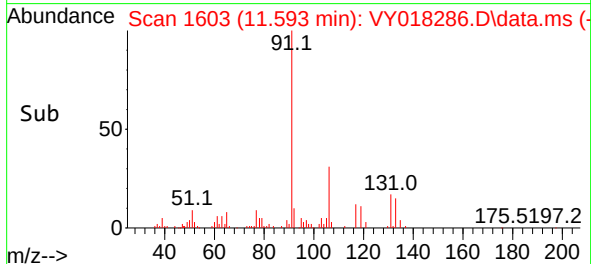
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



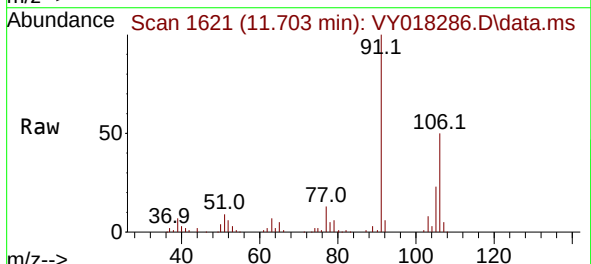
Tgt Ion: 91 Resp: 21850  
Ion Ratio Lower Upper  
91 100  
106 30.7 24.5 36.7

Manual Integrations  
APPROVED

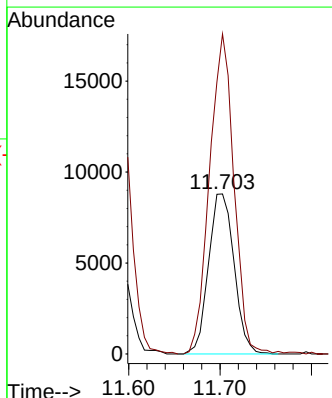
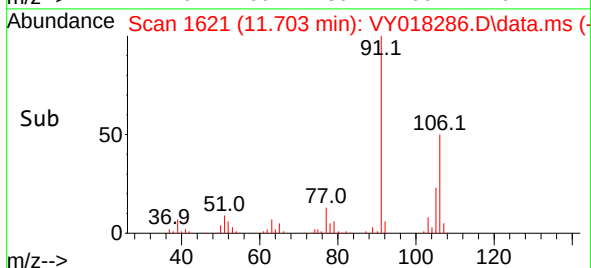
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

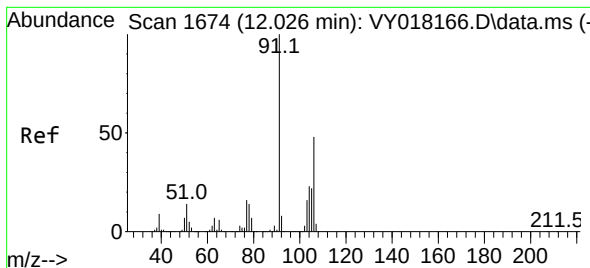


#68  
m/p-Xylenes  
Concen: 5.192 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



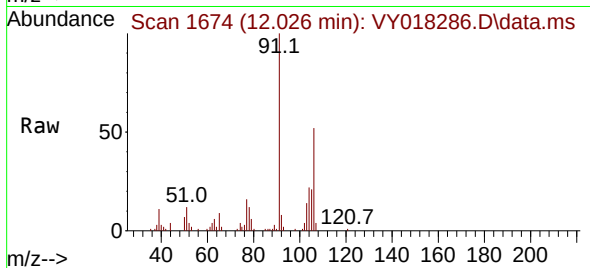
Tgt Ion:106 Resp: 17093  
Ion Ratio Lower Upper  
106 100  
91 191.3 156.0 234.0





#69  
o-Xylene  
Concen: 2.666 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

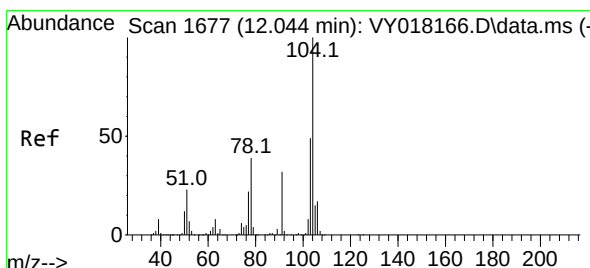
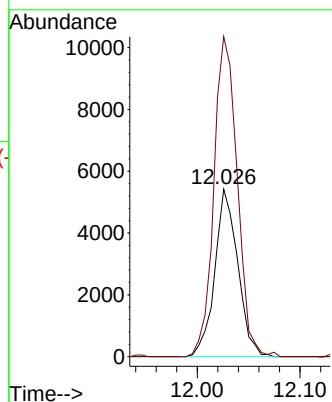
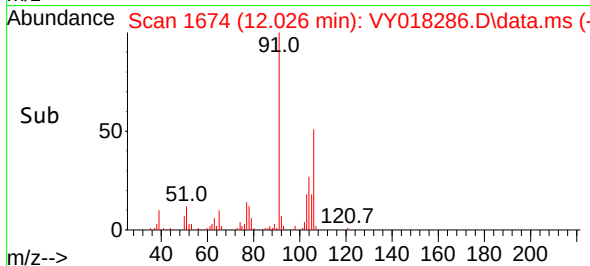
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion:106 Resp: 842  
Ion Ratio Lower Upper  
106 100  
91 194.4 103.6 310.8

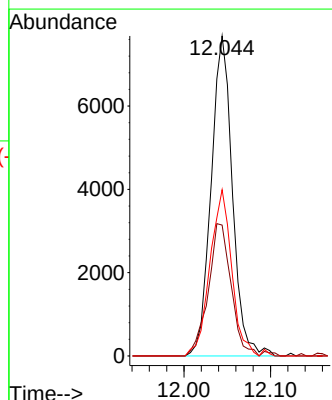
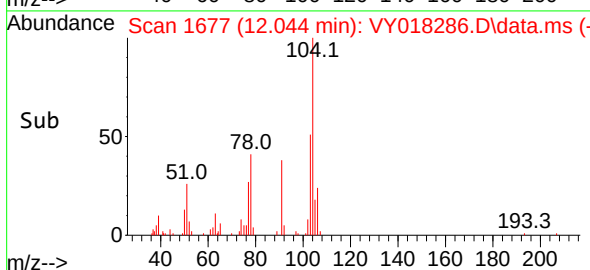
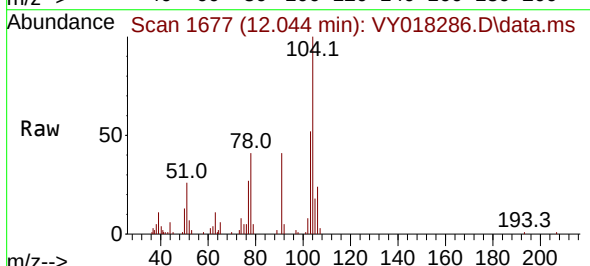
Manual Integrations  
APPROVED

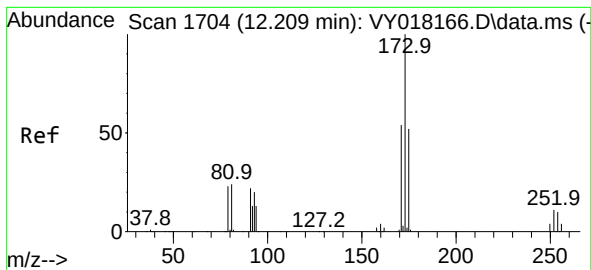
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#70  
Styrene  
Concen: 2.486 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Tgt Ion:104 Resp: 13116  
Ion Ratio Lower Upper  
104 100  
78 44.3 37.0 55.4  
103 53.0 44.2 66.2





#71

Bromoform

Concen: 2.227 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

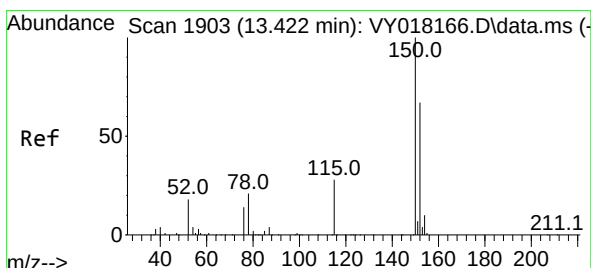
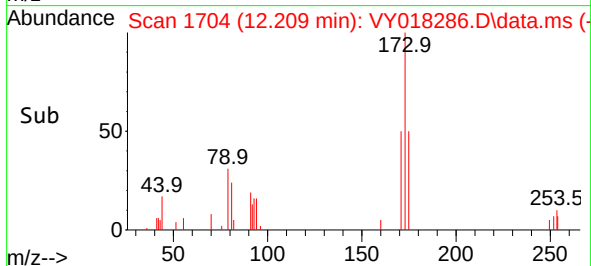
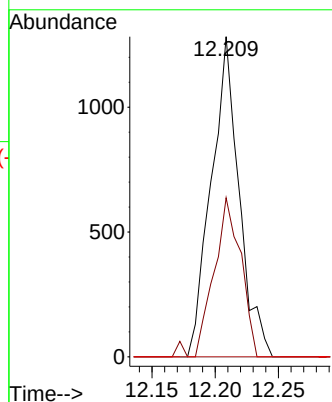
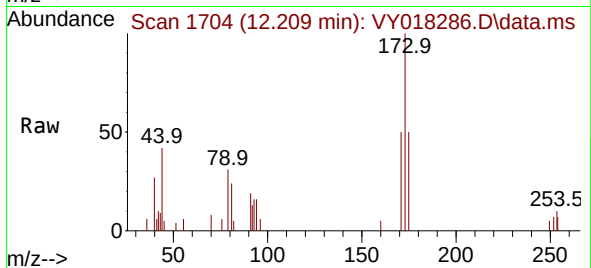
MDL-SOIL-03-QT2-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 196  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 48.5  | 25.1  | 75.3 |
| 254       | 0.0   | 0.0   | 0.0  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

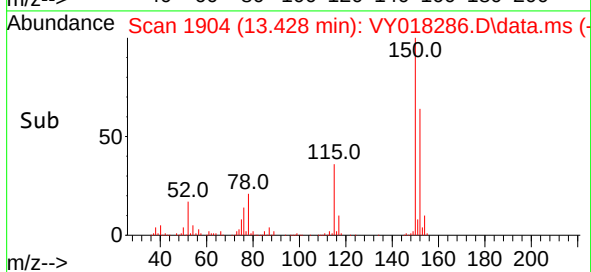
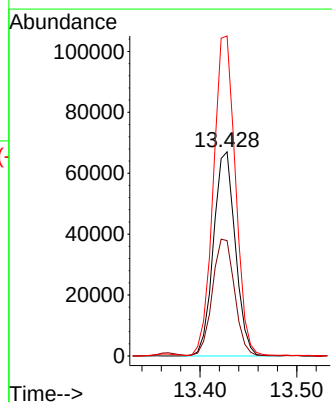
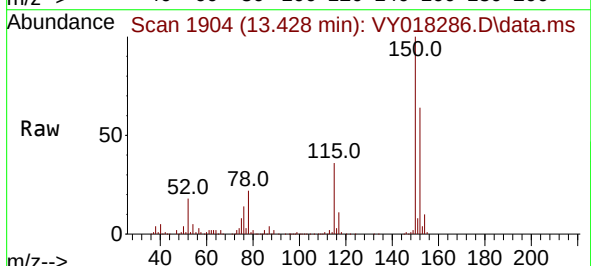
RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

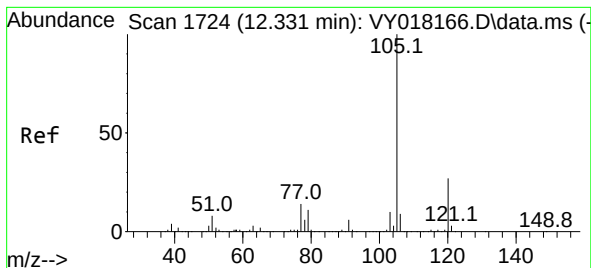
Lab File: VY018286.D

Acq: 16 May 2024 15:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 105154 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.0  | 28.2  | 84.7   |
| 150       | 159.1 | 0.0   | 345.6  |







#73

Isopropylbenzene

Concen: 2.567 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

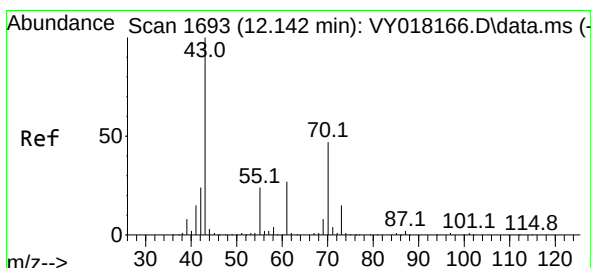
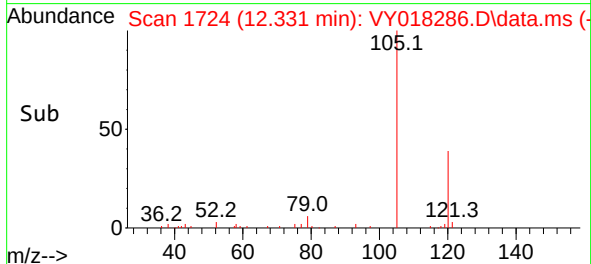
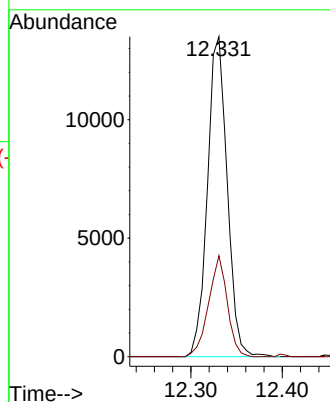
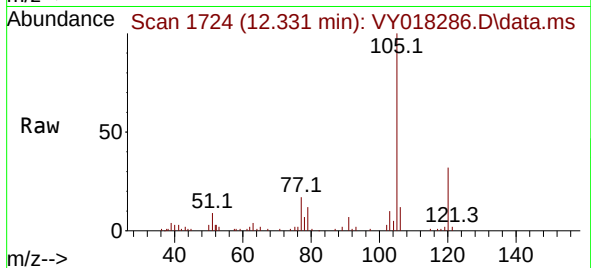
MDL-SOIL-03-QT2-2024

Tgt Ion:105 Resp: 2023  
 Ion Ratio Lower Upper  
 105 100  
 120 29.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#74

N-ethyl acetate

Concen: 2.599 ug/l

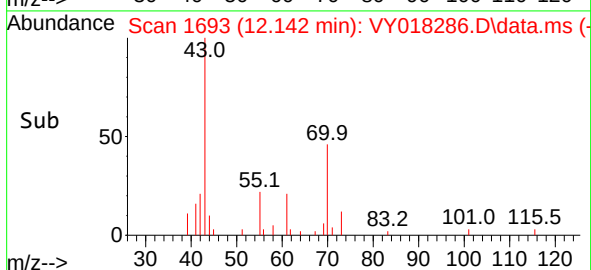
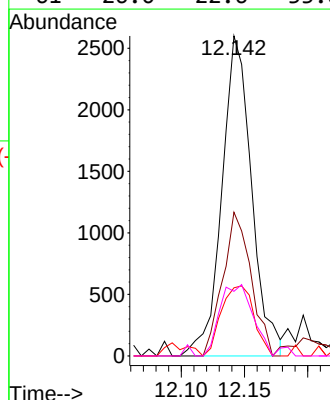
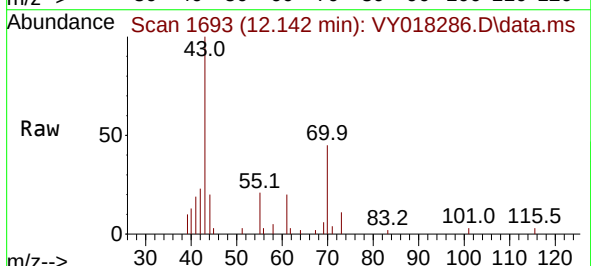
RT: 12.142 min Scan# 1693

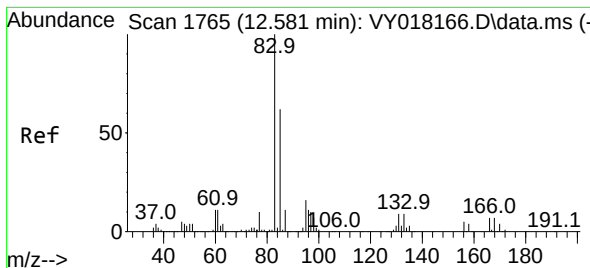
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

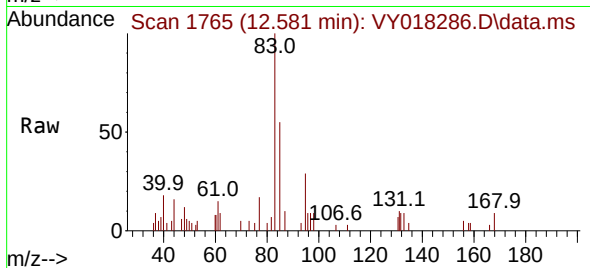
Tgt Ion: 43 Resp: 4254  
 Ion Ratio Lower Upper  
 43 100  
 70 43.1 41.4 62.2  
 55 23.9 23.3 34.9  
 61 26.0 22.6 33.8





#75  
1,1,2,2-Tetrachloroethane  
Concen: 2.725 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

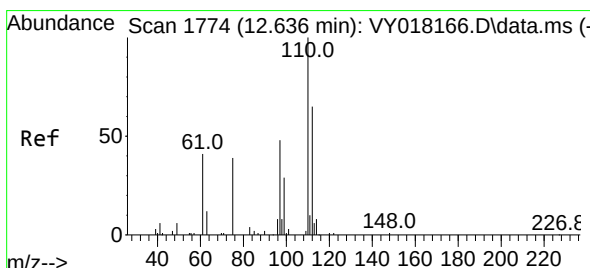
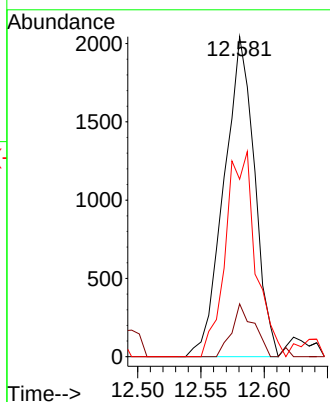
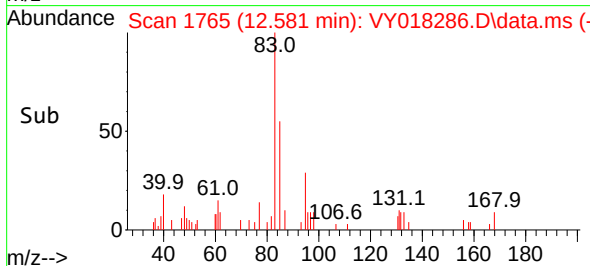
Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024



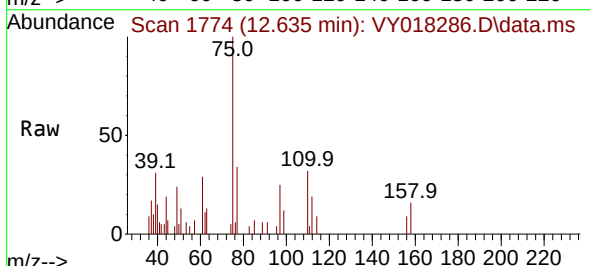
Tgt Ion: 83 Resp: 342  
Ion Ratio Lower Upper  
83 100  
131 12.0 5.0 14.9  
85 63.1 32.0 96.0

Manual Integrations  
APPROVED

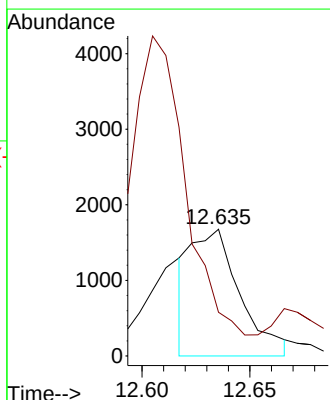
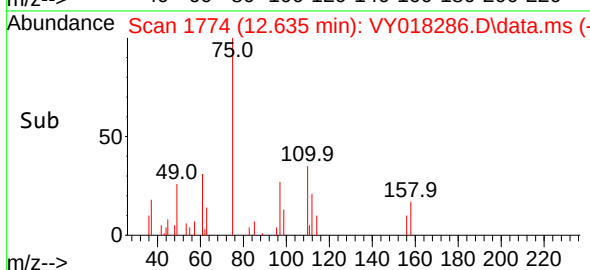
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

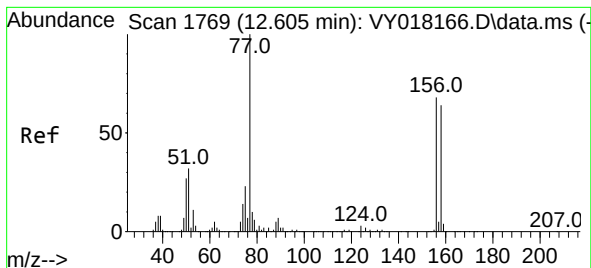


#76  
1,2,3-Trichloropropane  
Concen: 3.163 ug/l m  
RT: 12.635 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



Tgt Ion: 75 Resp: 2662  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.592 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

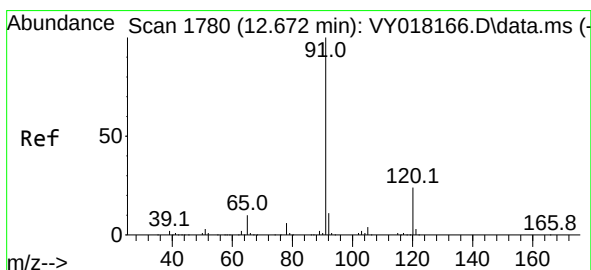
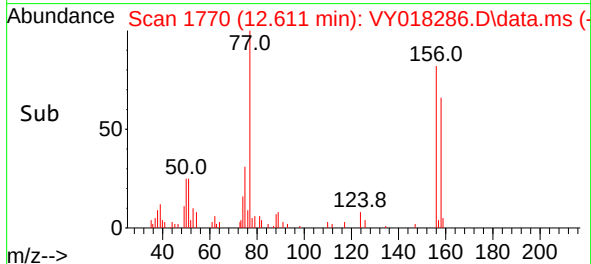
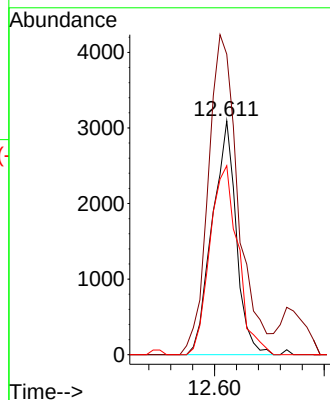
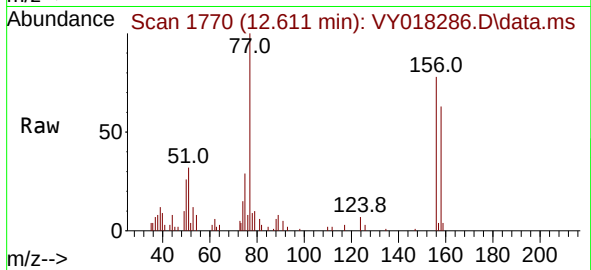
MDL-SOIL-03-QT2-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 469   |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 170.1 | 87.1  | 261.3 |
| 158       | 94.8  | 48.6  | 145.9 |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#78

n-propylbenzene

Concen: 2.833 ug/l

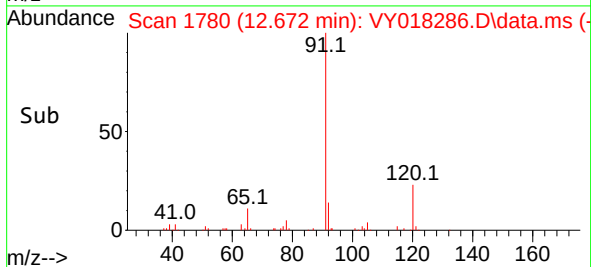
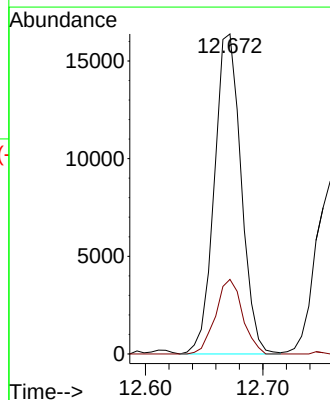
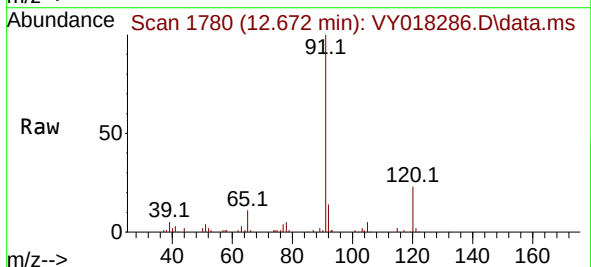
RT: 12.672 min Scan# 1780

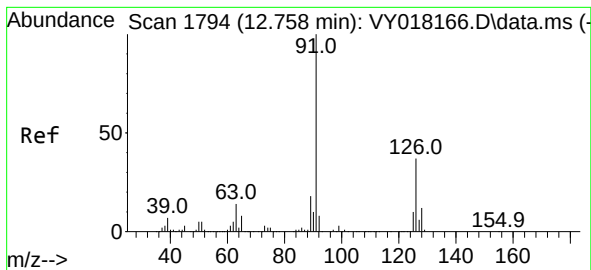
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 25975 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 23.4  | 11.5  | 34.4  |





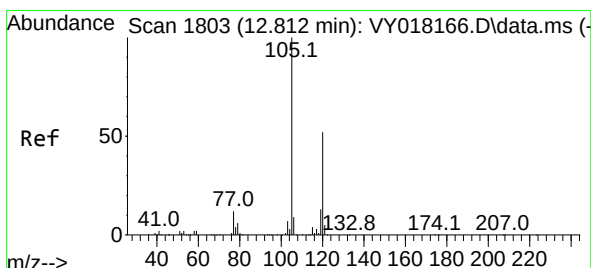
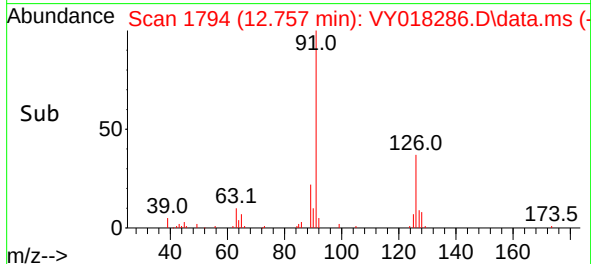
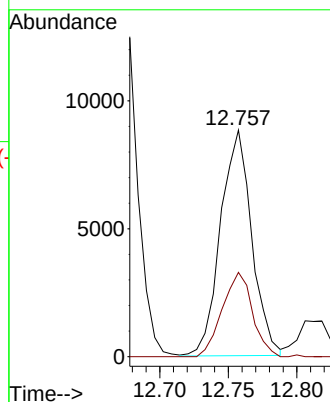
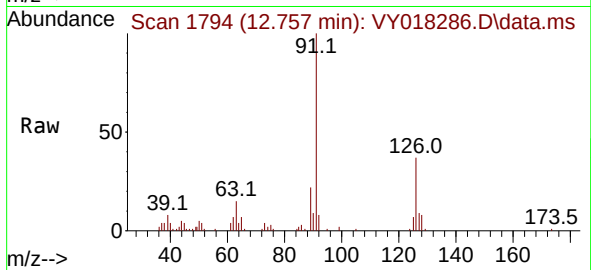
#79  
2-Chlorotoluene  
Concen: 2.744 ug/l  
RT: 12.757 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024

Tgt Ion: 91 Resp: 1398  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.8 53.5

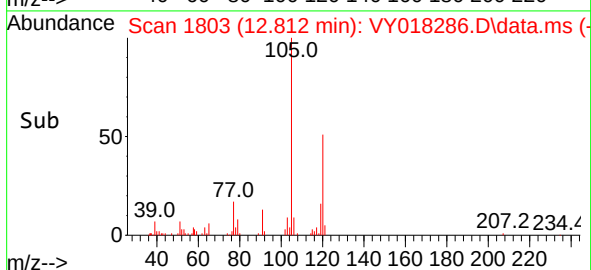
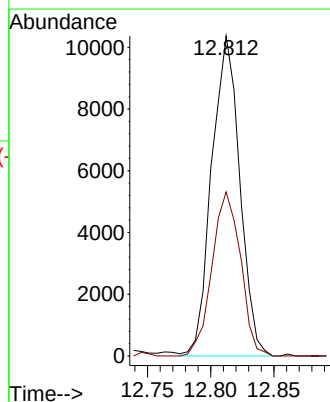
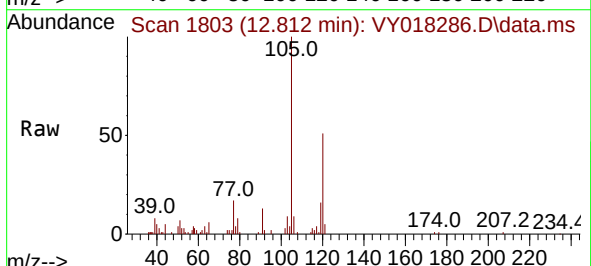
Manual Integrations  
APPROVED

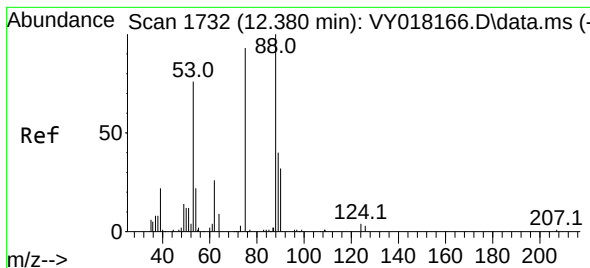
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#80  
1,3,5-Trimethylbenzene  
Concen: 2.573 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

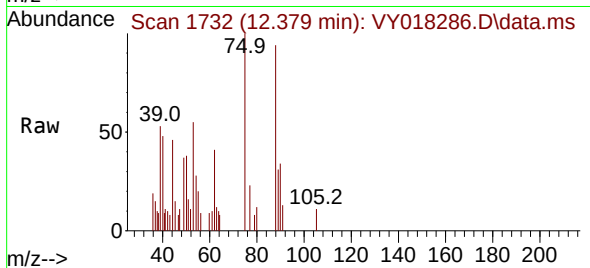
Tgt Ion:105 Resp: 15998  
Ion Ratio Lower Upper  
105 100  
120 52.0 25.1 75.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 2.420 ug/l m  
RT: 12.379 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

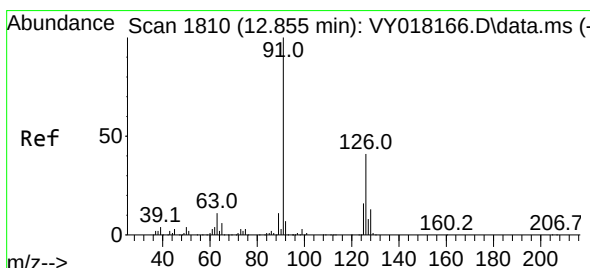
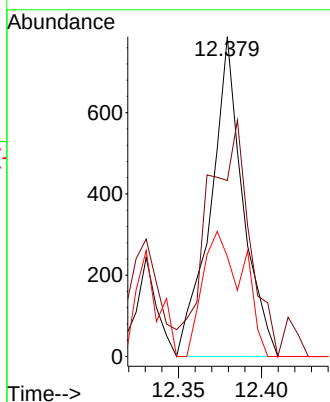
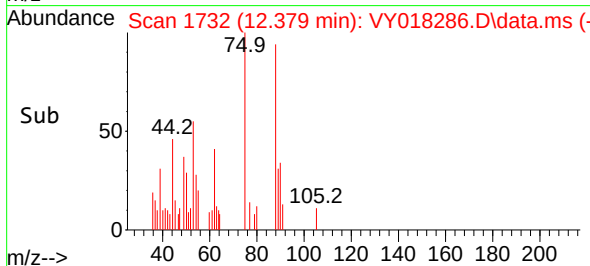
Instrument :  
MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



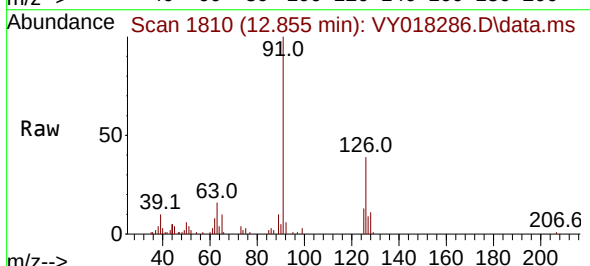
Tgt Ion: 75 Resp: 105  
Ion Ratio Lower Upper  
75 100  
53 0.0 66.8 100.2  
89 0.0 35.8 53.6

Manual Integrations  
APPROVED

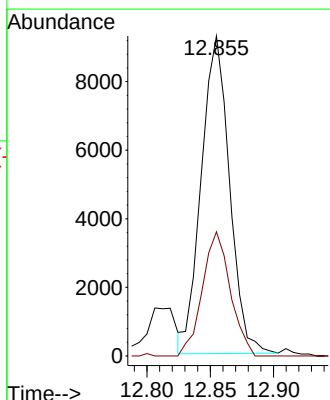
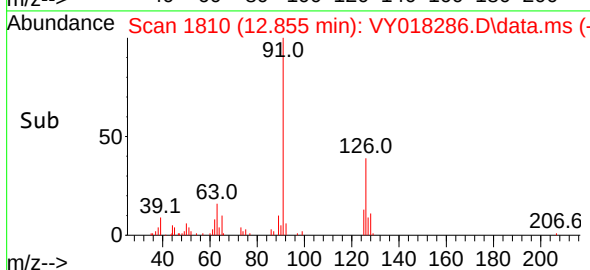
Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

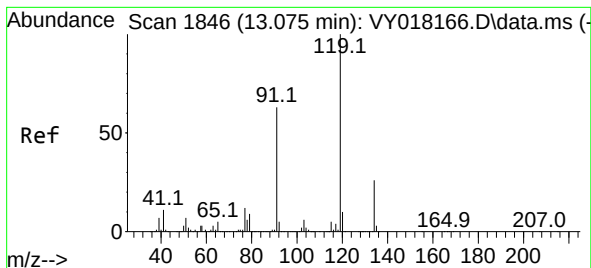


#82  
4-Chlorotoluene  
Concen: 2.807 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



Tgt Ion: 91 Resp: 14370  
Ion Ratio Lower Upper  
91 100  
126 38.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 2.717 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

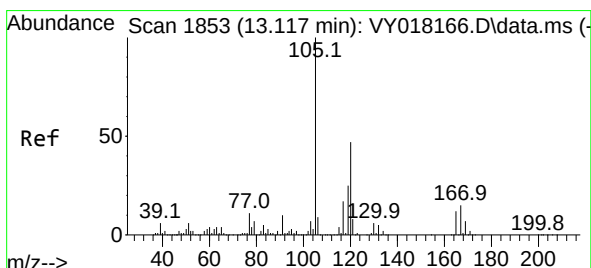
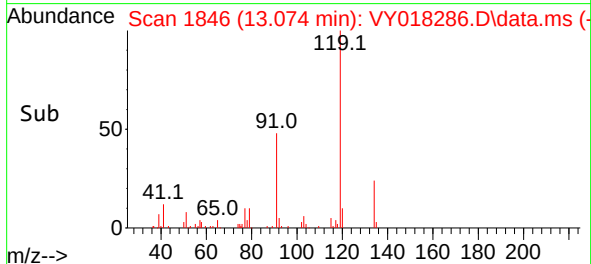
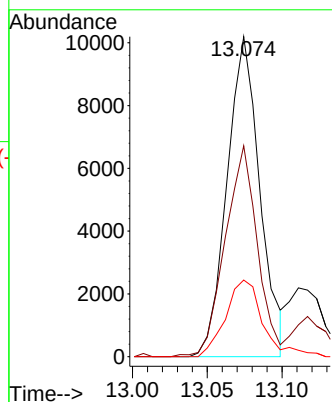
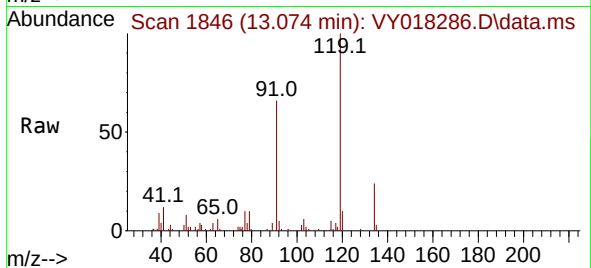
MDL-SOIL-03-QT2-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 15579 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 64.5  | 31.3  | 93.8  |
| 134       | 27.2  | 13.4  | 40.1  |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.679 ug/l

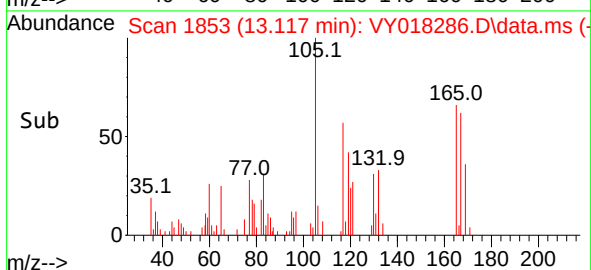
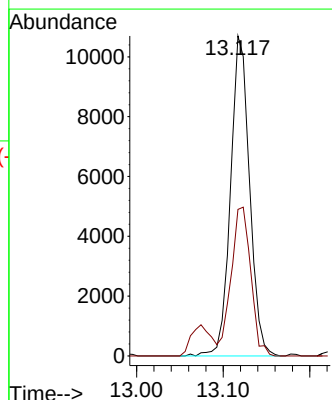
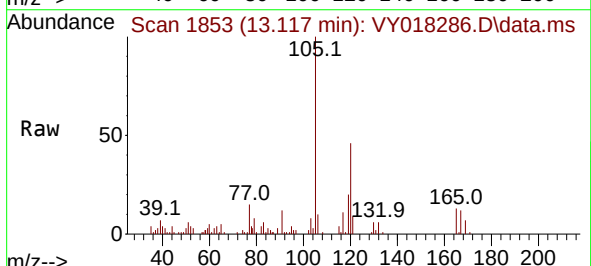
RT: 13.117 min Scan# 1853

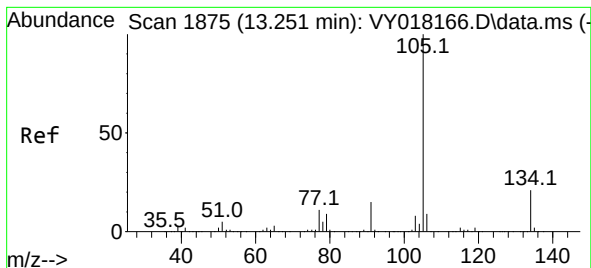
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 16316 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 48.1  | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 2.818 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

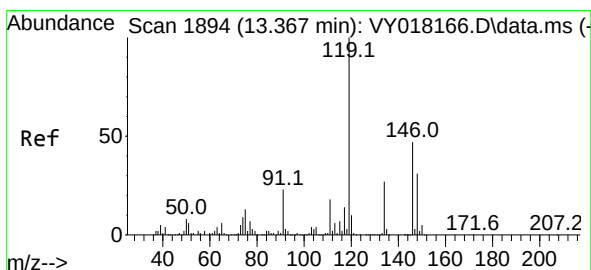
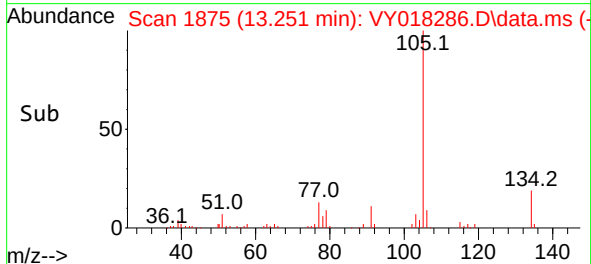
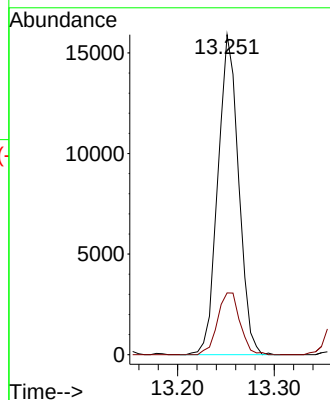
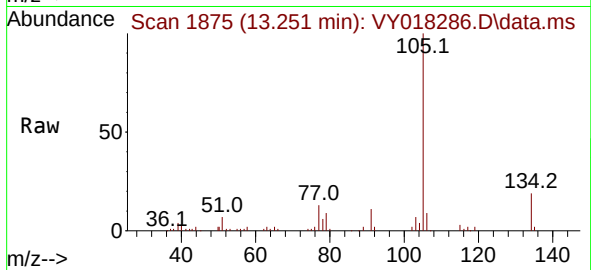
MDL-SOIL-03-QT2-2024

Tgt Ion:105 Resp: 2370  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
 Supervised By :Mahesh Dadoda 05/17/2024



#86

p-Isopropyltoluene

Concen: 2.721 ug/l

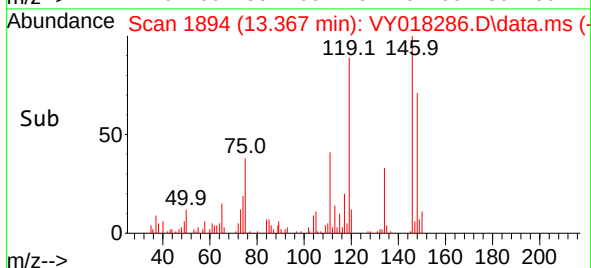
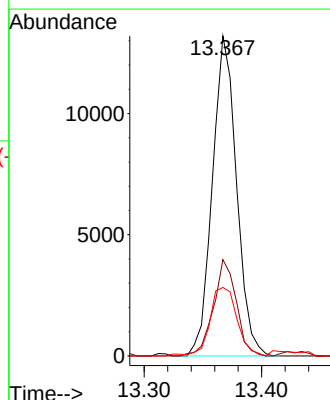
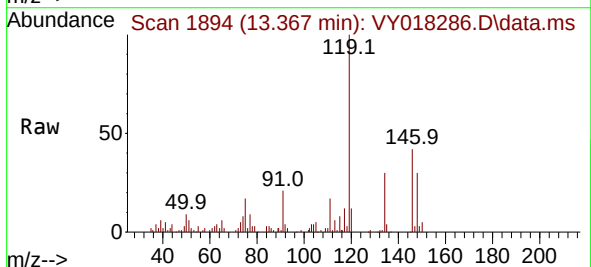
RT: 13.367 min Scan# 1894

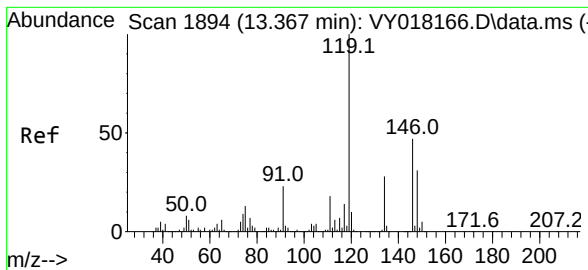
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Tgt Ion:119 Resp: 18827  
 Ion Ratio Lower Upper  
 119 100  
 134 28.5 13.1 39.3  
 91 24.1 10.7 32.1





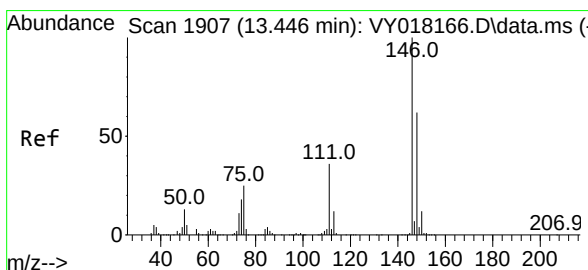
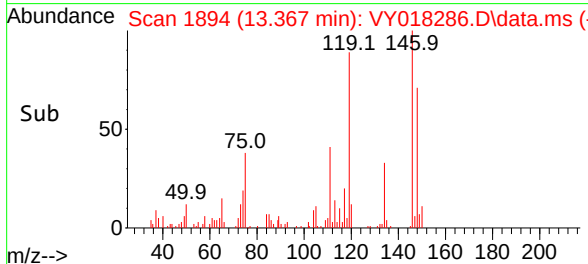
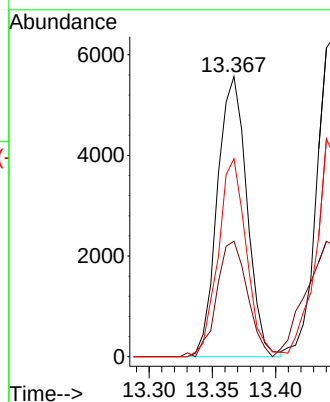
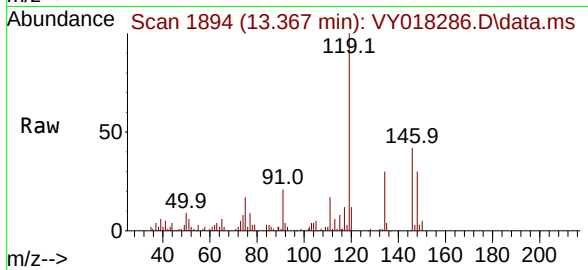
#87  
1,3-Dichlorobenzene  
Concen: 2.587 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

Instrument : MSVOA\_Y  
ClientSampleId : MDL-SOIL-03-QT2-2024

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 9049      |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.4  | 19.0 57.0 |
| 148         | 67.8  | 31.7 95.1 |

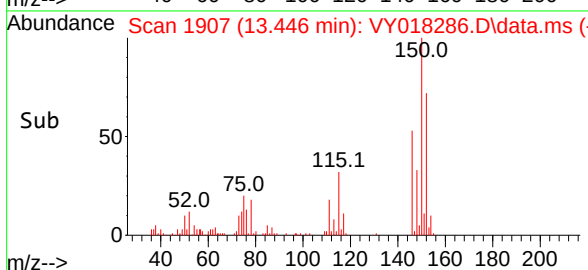
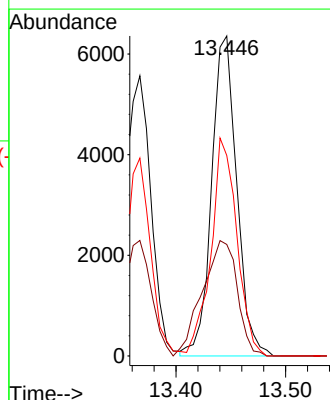
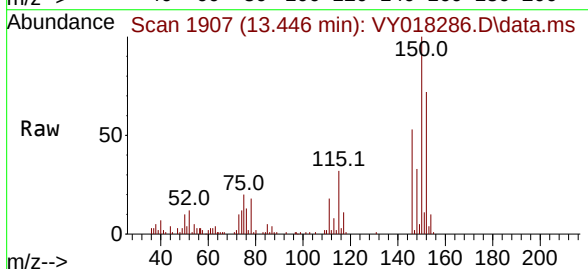
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024

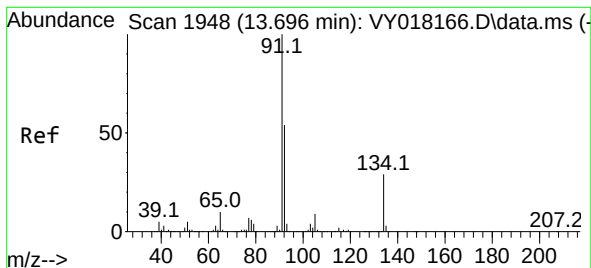


#88  
1,4-Dichlorobenzene  
Concen: 2.975 ug/l  
RT: 13.446 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 10144     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 49.9  | 18.4 55.4 |
| 148         | 70.1  | 32.4 97.2 |







#89

n-Butylbenzene

Concen: 2.842 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

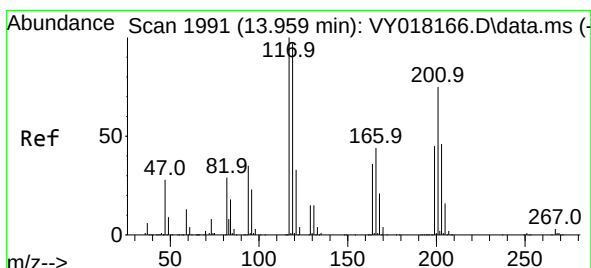
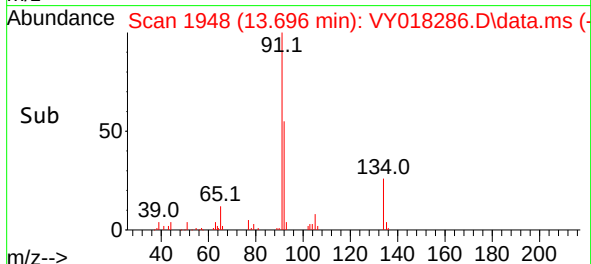
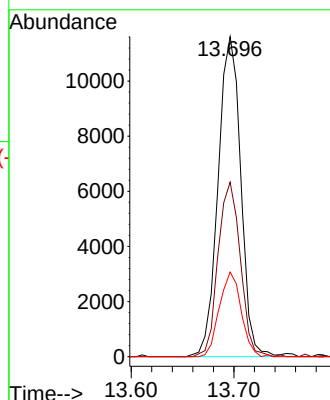
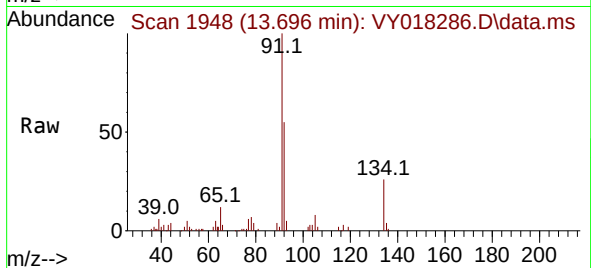
MDL-SOIL-03-QT2-2024

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 17790 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 53.5  | 26.6  | 79.7  |
| 134      | 25.4  | 12.9  | 38.7  |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#90

Hexachloroethane

Concen: 2.455 ug/l

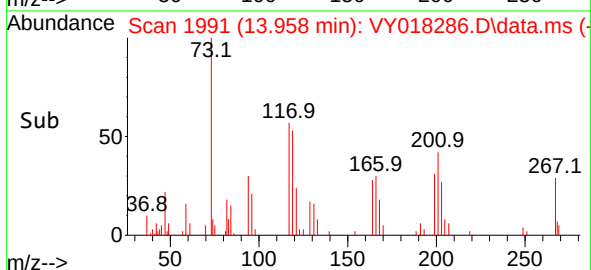
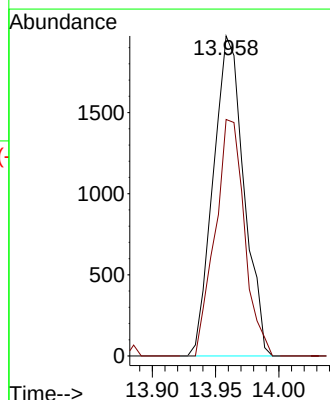
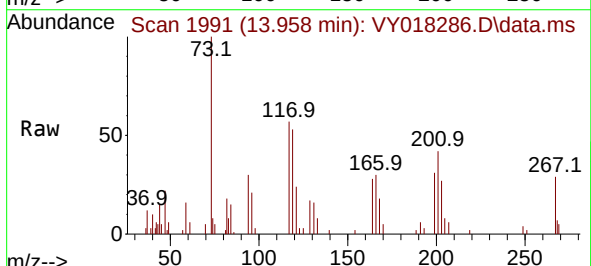
RT: 13.958 min Scan# 1991

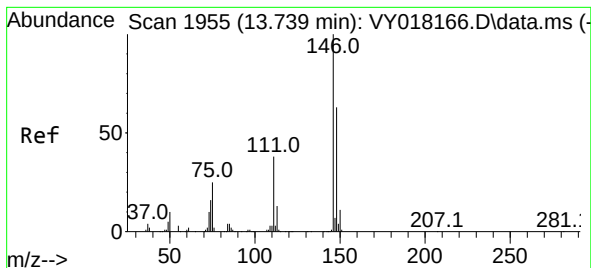
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 3333  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 70.5  | 37.4  | 112.2 |





#91

1,2-Dichlorobenzene

Concen: 2.731 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

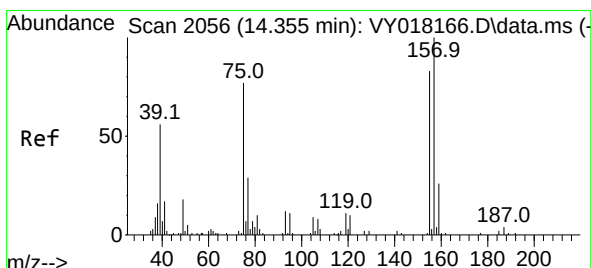
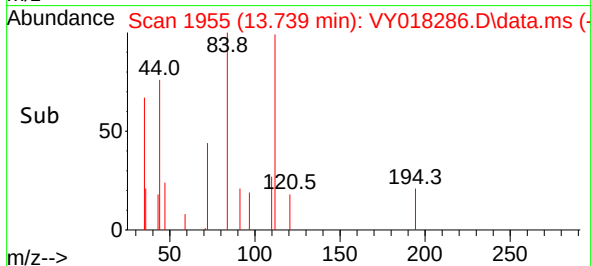
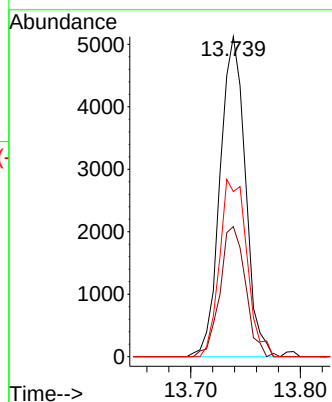
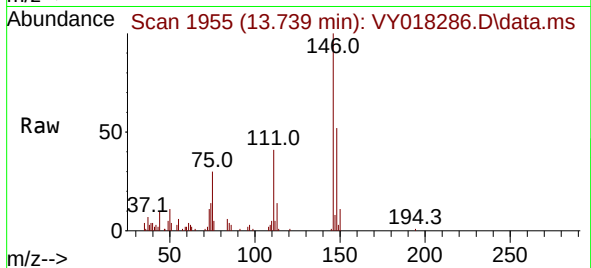
MDL-SOIL-03-QT2-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 8210 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 40.9  | 19.9  | 59.7 |
| 148       | 59.7  | 31.8  | 95.4 |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.651 ug/l

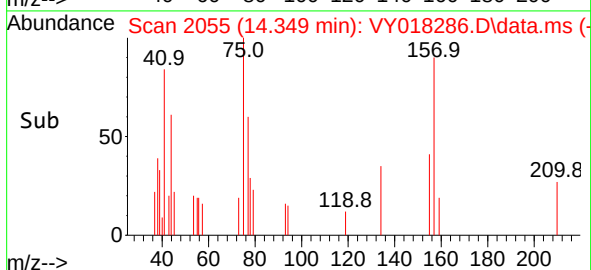
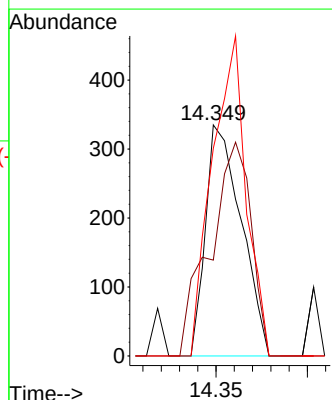
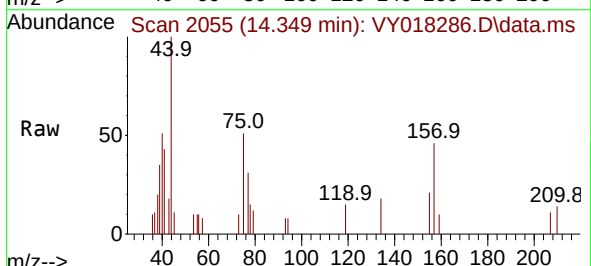
RT: 14.349 min Scan# 2055

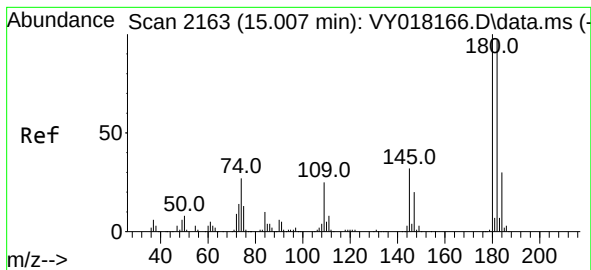
Delta R.T. -0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 454   |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 106.8 | 48.6  | 145.8 |
| 157       | 131.9 | 62.7  | 188.2 |





#93

1,2,4-Trichlorobenzene

Concen: 2.499 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

Instrument :

MSVOA\_Y

ClientSampleId :

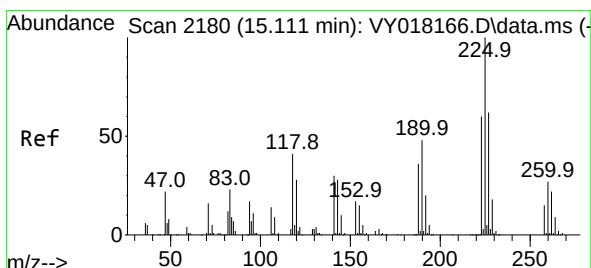
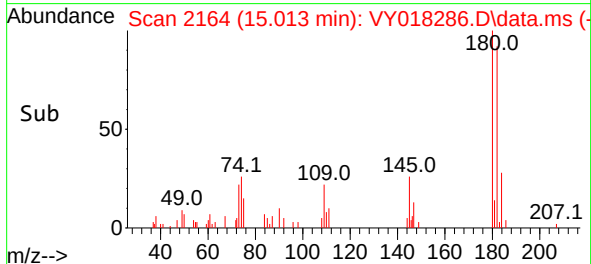
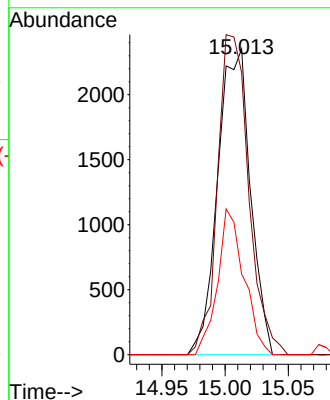
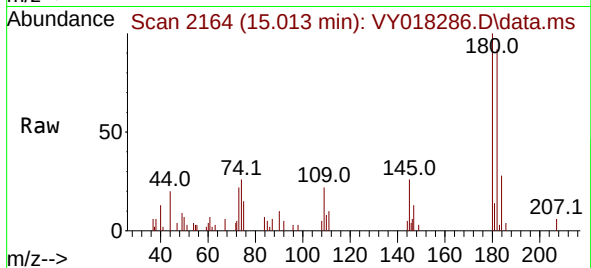
MDL-SOIL-03-QT2-2024

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 4224       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 99.7  | 47.9 143.8 |
| 145         | 38.6  | 14.2 42.6  |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#94

Hexachlorobutadiene

Concen: 2.534 ug/l

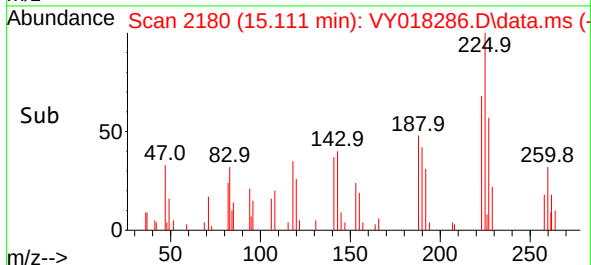
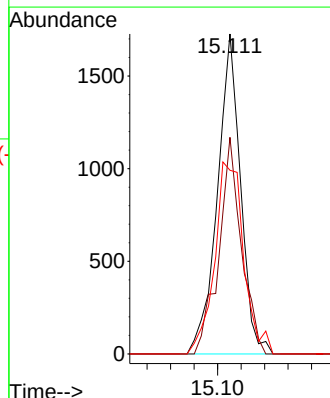
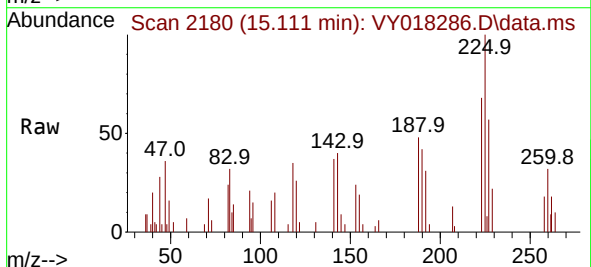
RT: 15.111 min Scan# 2180

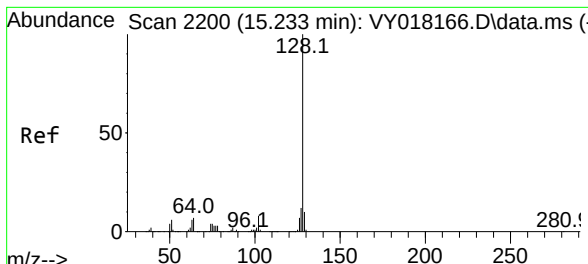
Delta R.T. -0.000 min

Lab File: VY018286.D

Acq: 16 May 2024 15:13

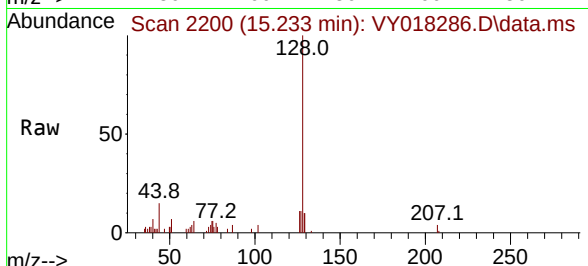
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 2363      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 65.8  | 30.4 91.2 |
| 227         | 75.2  | 31.9 95.9 |





#95  
Naphthalene  
Concen: 2.507 ug/l  
RT: 15.233 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13

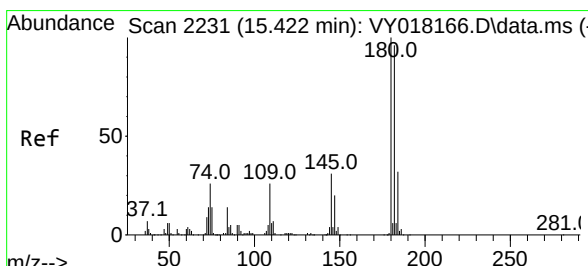
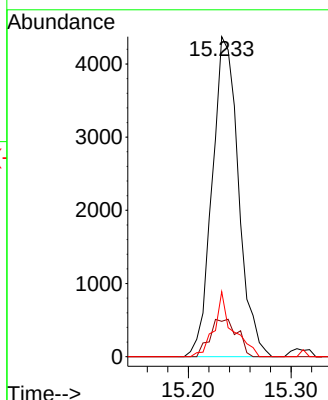
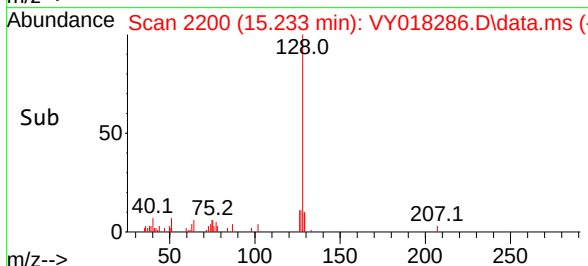
Instrument : MSVOA\_Y  
ClientSampleId :  
MDL-SOIL-03-QT2-2024



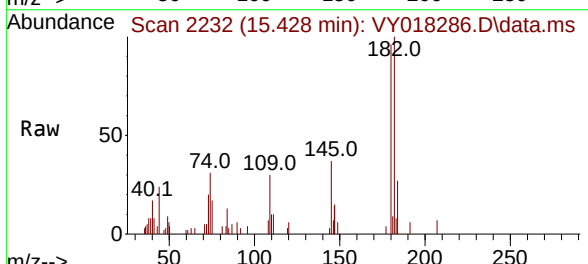
Tgt Ion:128 Resp: 776  
Ion Ratio Lower Upper  
128 100  
127 12.3 10.6 16.0  
129 14.1 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2024  
Supervised By :Mahesh Dadoda 05/17/2024



#96  
1,2,3-Trichlorobenzene  
Concen: 2.581 ug/l  
RT: 15.428 min Scan# 2232  
Delta R.T. 0.006 min  
Lab File: VY018286.D  
Acq: 16 May 2024 15:13



Tgt Ion:180 Resp: 3580  
Ion Ratio Lower Upper  
180 100  
182 100.4 47.6 142.9  
145 40.5 15.4 46.1

