

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012524\  
 Data File : VY017106.D  
 Acq On : 25 Jan 2024 15:58  
 Operator : SY/MD  
 Sample : P1187-02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2024

Quant Time: Jan 26 05:36:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 26 05:35:09 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.795          | 168  | 113136              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697          | 114  | 195280              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.496         | 117  | 165457              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.434         | 152  | 69673               | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.149          | 65   | 60554               | 54.935 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 109.860% |        |        |          |
| 35) Dibromofluoromethane     | 7.722          | 113  | 59599               | 50.568 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 101.140% |        |        |          |
| 50) Toluene-d8               | 10.185         | 98   | 228737              | 51.383 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = 102.760% |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.489         | 95   | 67681               | 49.354 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = 98.700%  |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 6032                | 6.136  | ug/l   | 93       |
| 3) Chloromethane             | 2.113          | 50   | 10759               | 6.523  | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.253          | 62   | 12305               | 6.527  | ug/l   | 98       |
| 5) Bromomethane              | 2.656          | 94   | 9207                | 6.555  | ug/l   | 96       |
| 6) Chloroethane              | 2.796          | 64   | 7330                | 6.068  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.131          | 101  | 11656               | 5.335  | ug/l   | 93       |
| 8) Diethyl Ether             | 3.534          | 74   | 3287                | 5.043  | ug/l   | 79       |
| 9) 1,1,2-Trichlorotrifluo... | 3.906          | 101  | 6929                | 5.475  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.095          | 142  | 5555                | 4.621  | ug/l # | 95       |
| 11) Tert butyl alcohol       | 4.966          | 59   | 2556                | 30.599 | ug/l # | 75       |
| 12) 1,1-Dichloroethene       | 3.875          | 96   | 6072                | 5.242  | ug/l   | 93       |
| 13) Acrolein                 | 3.735          | 56   | 2961                | 22.398 | ug/l   | 91       |
| 14) Allyl chloride           | 4.485          | 41   | 8923                | 5.096  | ug/l   | 96       |
| 15) Acrylonitrile            | 5.168          | 53   | 6910                | 24.425 | ug/l   | 98       |
| 16) Acetone                  | 3.961          | 43   | 11055               | 30.921 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.198          | 76   | 17799               | 5.098  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.485          | 43   | 5572                | 4.928  | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.216          | 73   | 13945               | 4.933  | ug/l   | 93       |
| 20) Methylene Chloride       | 4.716          | 84   | 10593               | 6.974  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.222          | 96   | 7025                | 5.243  | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.125          | 45   | 19045               | 4.928  | ug/l   | 96       |
| 23) Vinyl Acetate            | 6.064          | 43   | 44680               | 23.833 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.027          | 63   | 12576               | 5.335  | ug/l   | 98       |
| 25) 2-Butanone               | 6.990          | 43   | 12422               | 28.306 | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 6.984          | 77   | 10883               | 5.405  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 6.997          | 96   | 7509                | 5.057  | ug/l   | 94       |
| 28) Bromochloromethane       | 7.338          | 49   | 4868                | 5.187  | ug/l # | 98       |
| 29) Tetrahydrofuran          | 7.356          | 42   | 5309                | 23.752 | ug/l   | 98       |
| 30) Chloroform               | 7.515          | 83   | 13117               | 5.465  | ug/l   | 93       |
| 31) Cyclohexane              | 7.789          | 56   | 12553               | 5.763  | ug/l # | 74       |
| 32) 1,1,1-Trichloroethane    | 7.710          | 97   | 11256               | 5.469  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923          | 75   | 10062               | 5.189  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.082          | 43   | 3655                | 4.383  | ug/l # | 96       |
| 38) Carbon Tetrachloride     | 7.905          | 117  | 9934                | 5.228  | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.191          | 83   | 10921               | 4.682  | ug/l   | 90       |
| 40) Benzene                  | 8.167          | 78   | 28702               | 5.097  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012524\  
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 Operator : SY/MD  
 Sample : P1187-02  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2024

Quant Time: Jan 26 05:36:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 26 05:35:09 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.332  | 41   | 2589m    | 5.806   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 7700     | 5.274   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 7416     | 4.764   | ug/l # | 84       |
| 44) Trichloroethene           | 8.947  | 130  | 7466     | 5.169   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 7147     | 5.171   | ug/l   | 94       |
| 46) Dibromomethane            | 9.307  | 93   | 3599     | 4.903   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.502  | 83   | 9201     | 4.927   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 3821     | 4.421   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 764      | 105.820 | ug/l # | 67       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 18990    | 22.934  | ug/l   | 99       |
| 52) Toluene                   | 10.252 | 92   | 17662    | 5.182   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.472 | 75   | 8157     | 4.781   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 10009    | 4.770   | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 4970     | 4.844   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.520 | 69   | 3938     | 4.389   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 8505     | 4.903   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 13440    | 21.580  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 15483    | 24.509  | ug/l   | 94       |
| 60) Dibromochloromethane      | 10.990 | 129  | 5713     | 4.793   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 4661     | 5.001   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.728 | 164  | 5930     | 5.142   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.520 | 112  | 17741    | 5.060   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.599 | 131  | 6114     | 4.774   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.599 | 91   | 30235    | 4.743   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.709 | 106  | 22122    | 9.237   | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 10267    | 4.720   | ug/l   | 97       |
| 70) Styrene                   | 12.051 | 104  | 13473    | 4.266   | ug/l   | 95       |
| 71) Bromoform                 | 12.215 | 173  | 3152     | 4.908   | ug/l # | 95       |
| 73) Isopropylbenzene          | 12.337 | 105  | 27014    | 4.716   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.154 | 43   | 5615     | 4.864   | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 5513     | 5.048   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.642 | 75   | 3289m    | 3.889   | ug/l   |          |
| 77) Bromobenzene              | 12.617 | 156  | 6164     | 4.974   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.678 | 91   | 35451    | 5.146   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.764 | 91   | 19486    | 5.154   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 21348    | 4.709   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 1521     | 4.656   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.861 | 91   | 19587    | 4.999   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 18518    | 4.723   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.130 | 105  | 20534    | 4.558   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 28994    | 4.994   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.380 | 119  | 22359    | 4.623   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.373 | 146  | 12484    | 5.102   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.453 | 146  | 12488    | 5.187   | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.703 | 91   | 22476    | 4.818   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.965 | 117  | 5301     | 5.259   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 10290    | 4.924   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 759      | 5.441   | ug/l   | 77       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 5219     | 4.779   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 3397     | 5.169   | ug/l   | 97       |
| 95) Naphthalene               | 15.239 | 128  | 8862     | 4.595   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 4647     | 5.115   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012524\  
Data File : VY017106.D  
Acq On : 25 Jan 2024 15:58  
Operator : SY/MD  
Sample : P1187-02  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Manual Integrations  
APPROVED

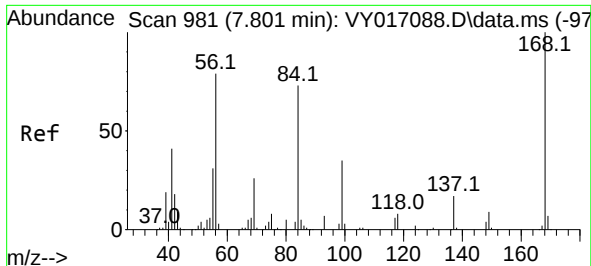
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024

Quant Time: Jan 26 05:36:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 26 05:35:09 2024  
Response via : Initial Calibration

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

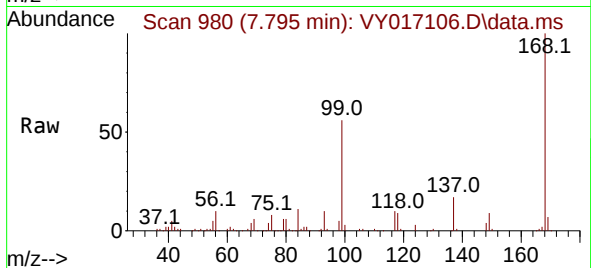
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

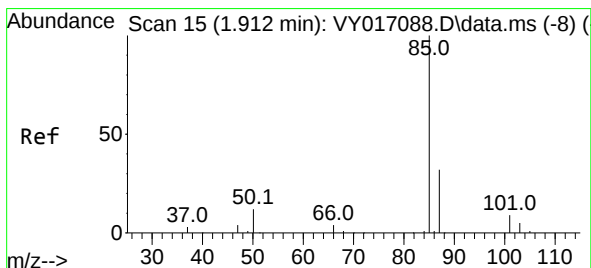
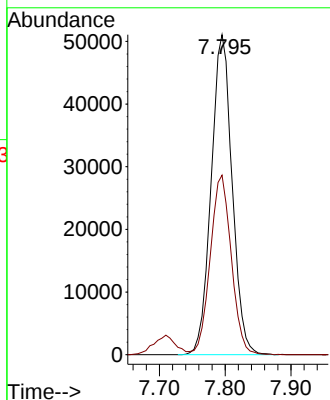
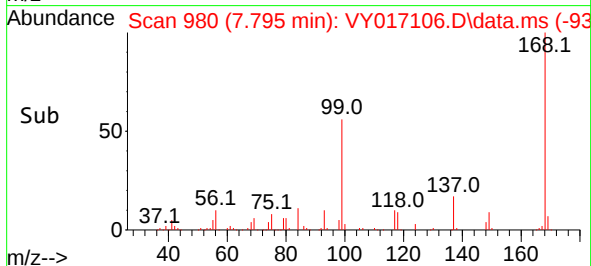
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion:168 Resp: 113130  
Ion Ratio Lower Upper  
168 100  
99 56.0 44.2 66.4

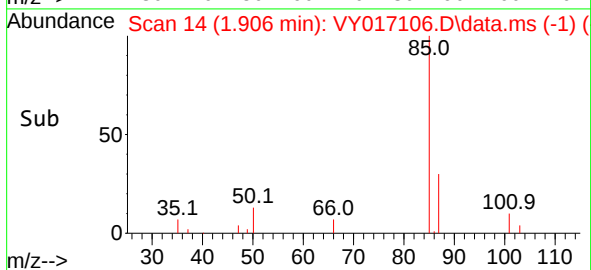
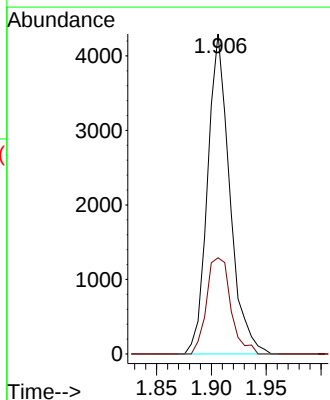
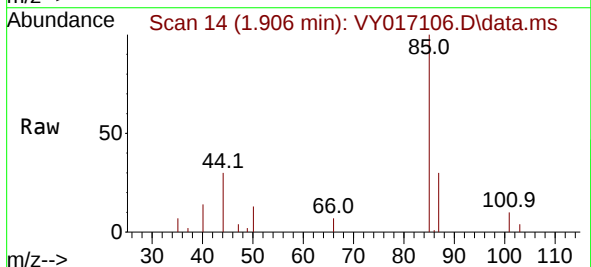
Manual Integrations  
APPROVED

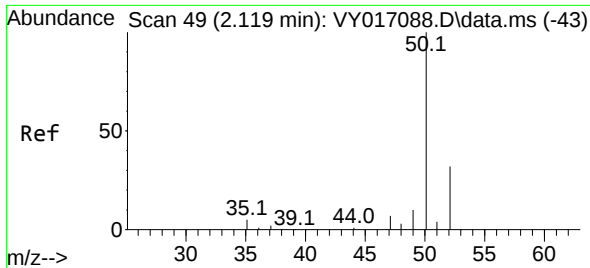
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#2  
Dichlorodifluoromethane  
Concen: 6.136 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 85 Resp: 6032  
Ion Ratio Lower Upper  
85 100  
87 30.1 17.1 51.3





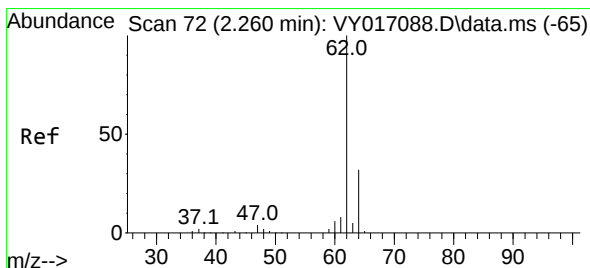
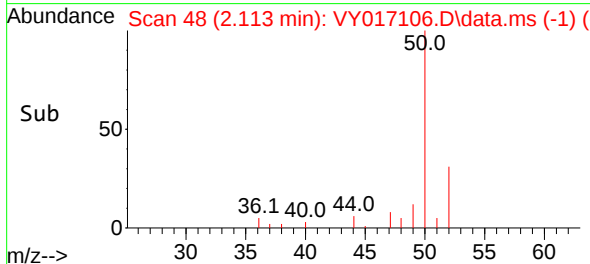
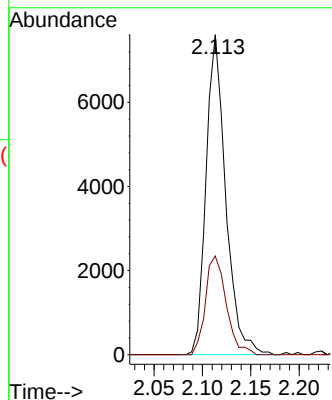
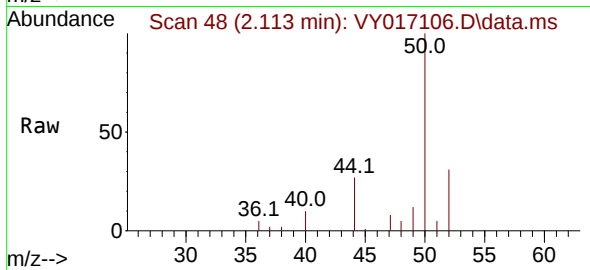
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Chloromethane  
Concen: 6.523 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion: 50 Resp: 10759  
Ion Ratio Lower Upper  
50 100  
52 30.9 26.7 40.1

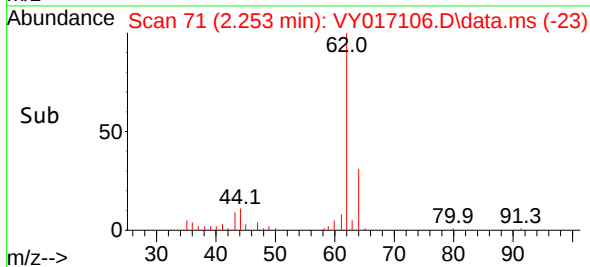
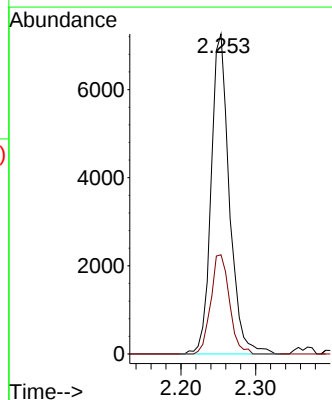
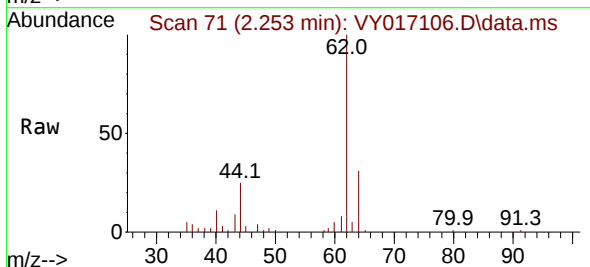
Manual Integrations  
APPROVED

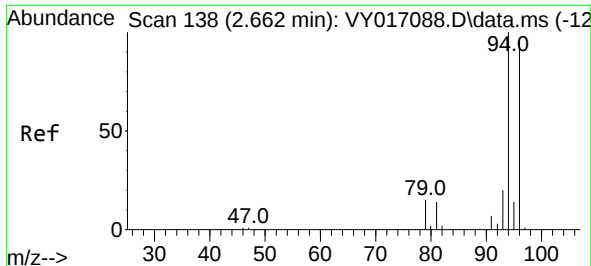
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#4  
Vinyl Chloride  
Concen: 6.527 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 62 Resp: 12305  
Ion Ratio Lower Upper  
62 100  
64 31.0 25.7 38.5





#5

Bromomethane

Concen: 6.555 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 94 Resp: 920

Ion Ratio Lower Upper

94 100

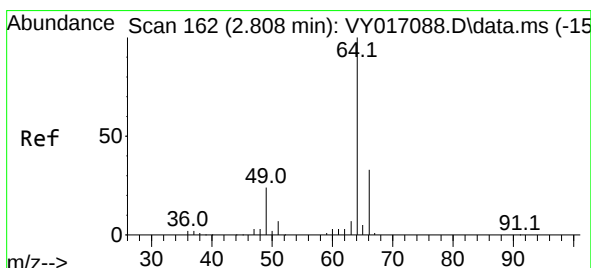
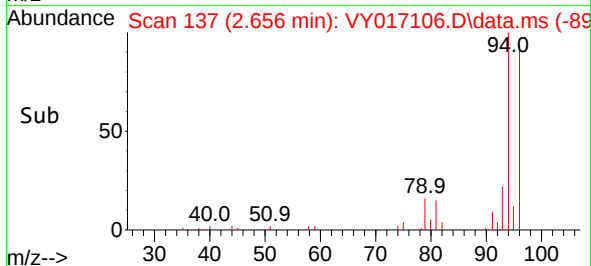
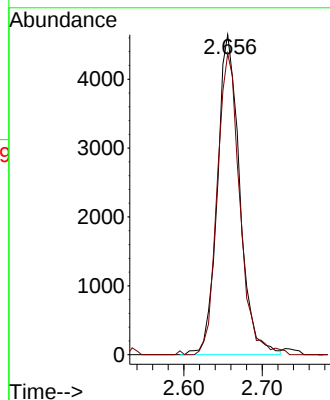
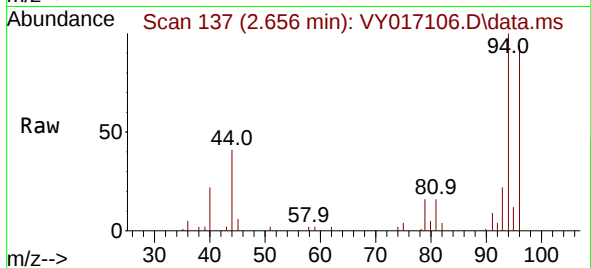
96 92.9 77.3 115.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#6

Chloroethane

Concen: 6.068 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.012 min

Lab File: VY017106.D

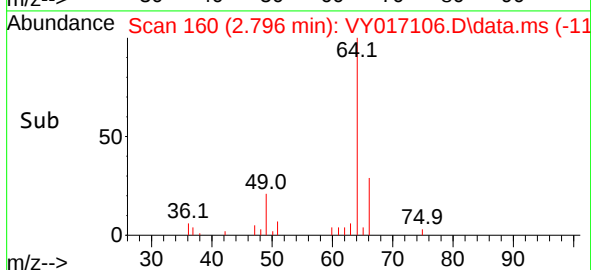
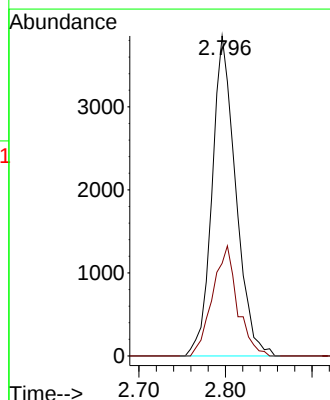
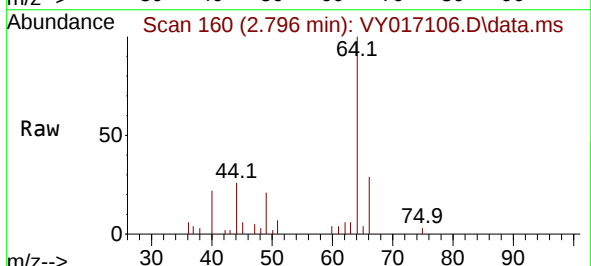
Acq: 25 Jan 2024 15:58

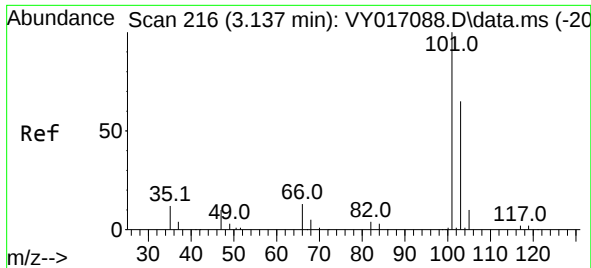
Tgt Ion: 64 Resp: 7330

Ion Ratio Lower Upper

64 100

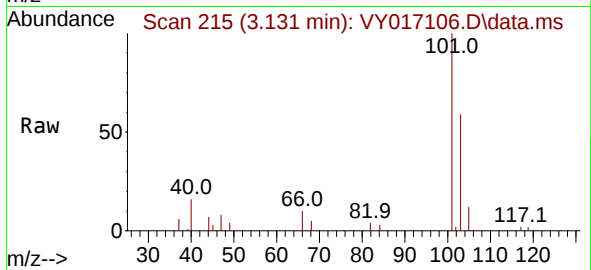
66 29.0 25.1 37.7





#7  
 Trichlorofluoromethane  
 Concen: 5.335 ug/l  
 RT: 3.131 min Scan# 216  
 Delta R.T. -0.006 min  
 Lab File: VY017106.D  
 Acq: 25 Jan 2024 15:58

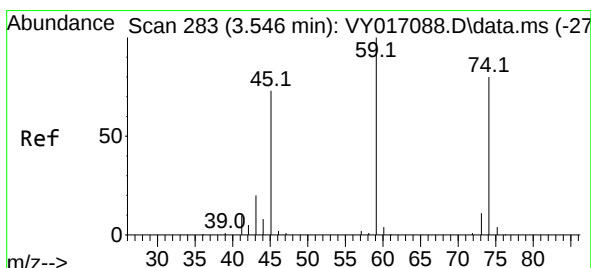
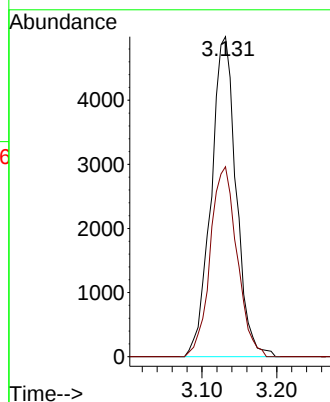
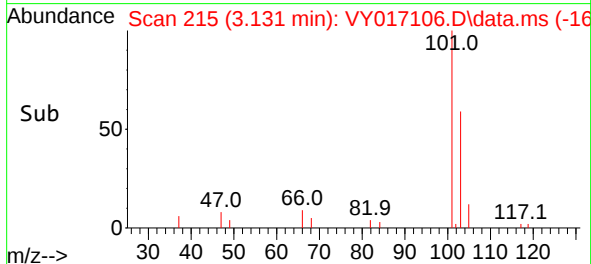
Instrument : MSVOA\_Y  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2024



Tgt Ion:101 Resp: 1165  
 Ion Ratio Lower Upper  
 101 100  
 103 59.4 51.9 77.9

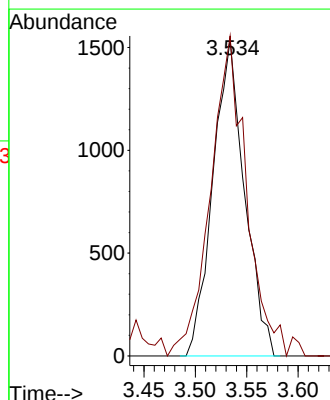
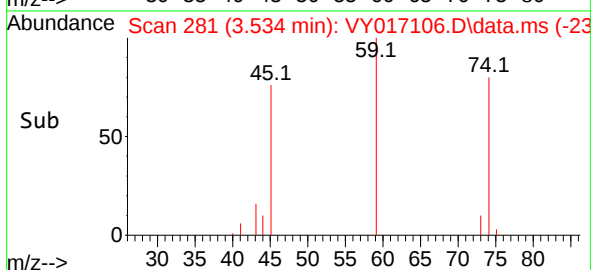
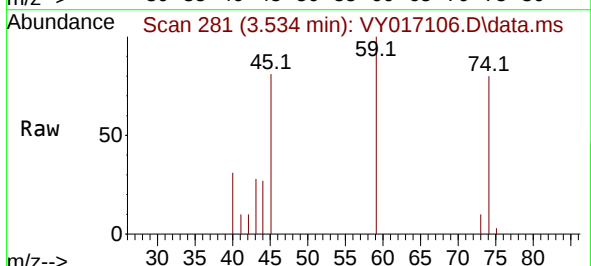
Manual Integrations  
 APPROVED

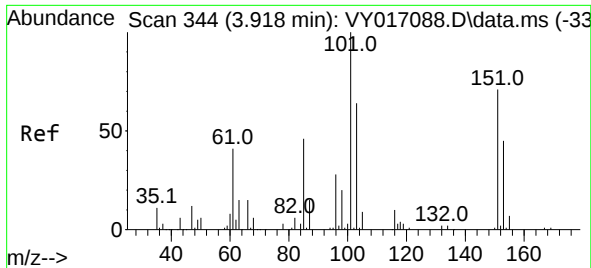
Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024



#8  
 Diethyl Ether  
 Concen: 5.043 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. -0.006 min  
 Lab File: VY017106.D  
 Acq: 25 Jan 2024 15:58

Tgt Ion: 74 Resp: 3287  
 Ion Ratio Lower Upper  
 74 100  
 45 116.4 47.9 143.7





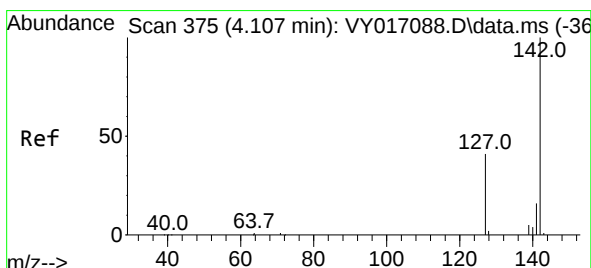
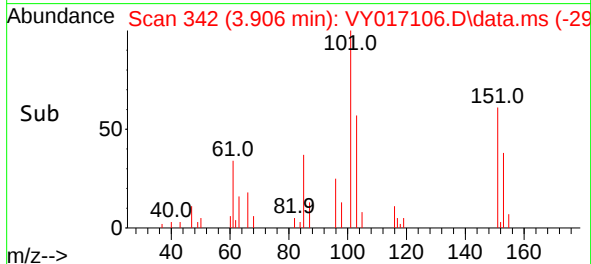
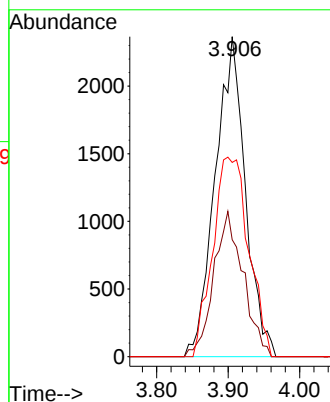
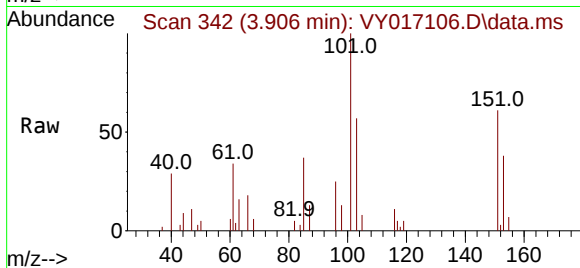
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.475 ug/l  
RT: 3.906 min Scan# 344  
Delta R.T. -0.005 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion:101 Resp: 6929  
Ion Ratio Lower Upper  
101 100  
85 44.3 35.8 53.6  
151 74.1 58.6 88.0

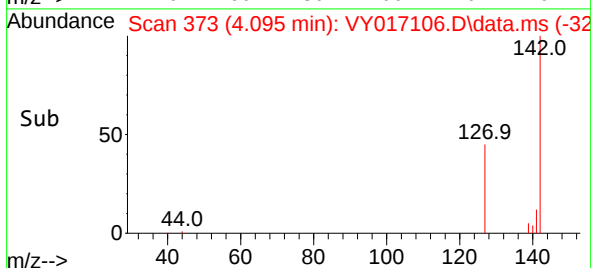
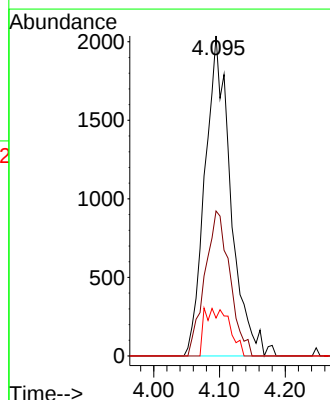
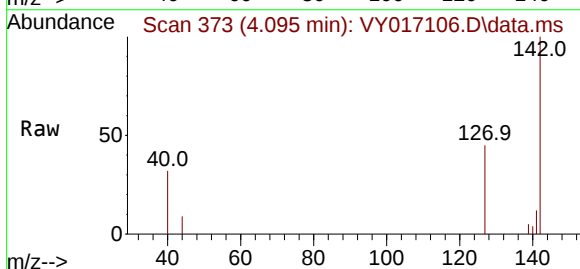
Manual Integrations  
APPROVED

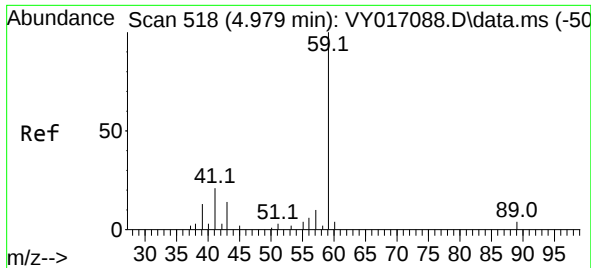
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#10  
Methyl Iodide  
Concen: 4.621 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. -0.011 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

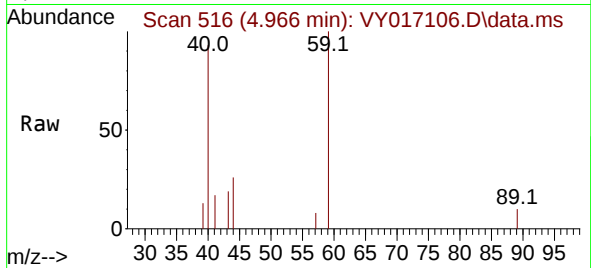
Tgt Ion:142 Resp: 5555  
Ion Ratio Lower Upper  
142 100  
127 43.8 35.1 52.7  
141 7.1 11.8 17.6#





#11  
Tert butyl alcohol  
Concen: 30.599 ug/l  
RT: 4.966 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

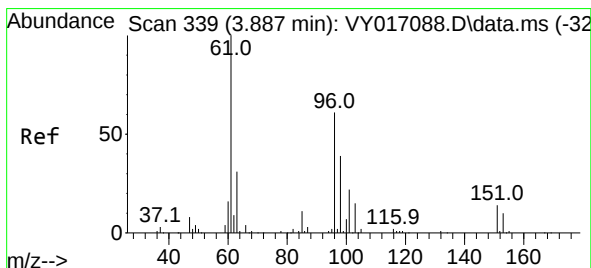
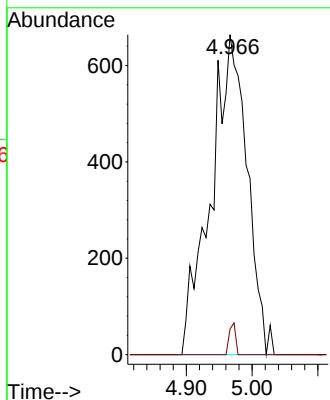
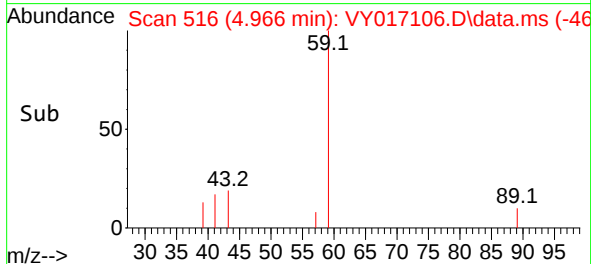
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



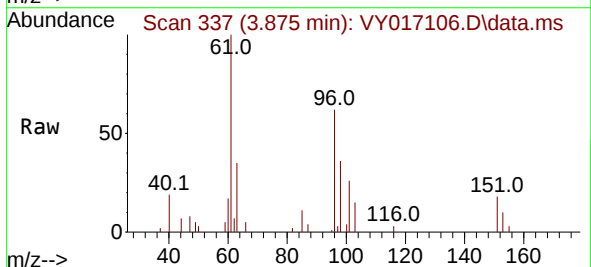
Tgt Ion: 59 Resp: 2550  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.0

Manual Integrations  
APPROVED

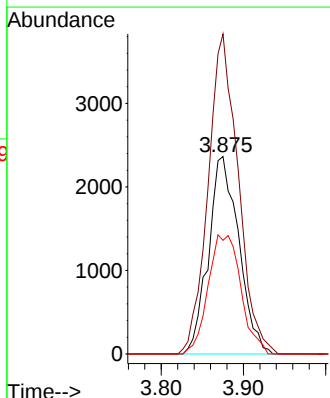
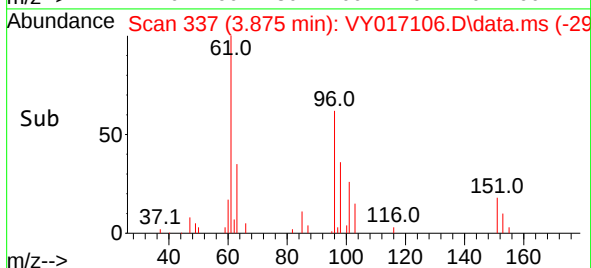
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024

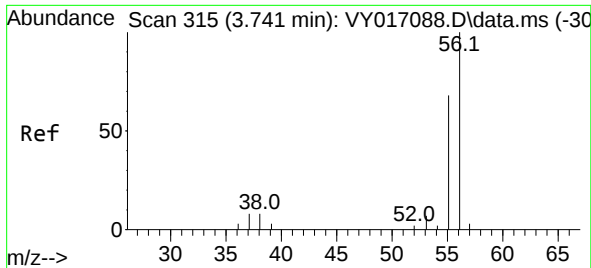


#12  
1,1-Dichloroethene  
Concen: 5.242 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. -0.012 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58



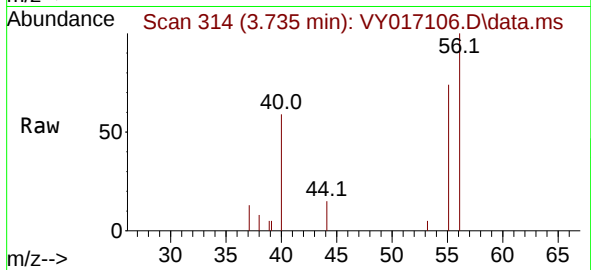
Tgt Ion: 96 Resp: 6072  
Ion Ratio Lower Upper  
96 100  
61 162.1 124.2 186.2  
98 57.6 52.6 79.0





#13  
Acrolein  
Concen: 22.398 ug/l  
RT: 3.735 min Scan# 315  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

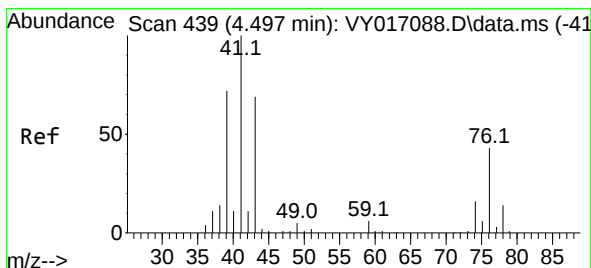
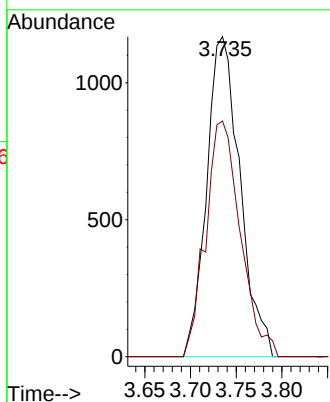
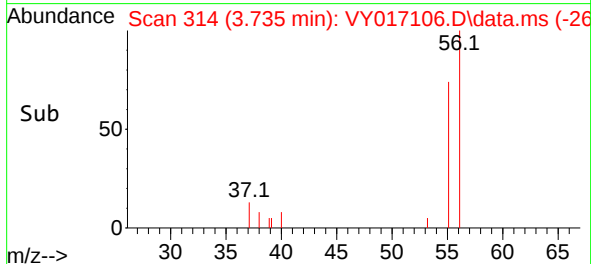
Instrument : MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 56 Resp: 296  
Ion Ratio Lower Upper  
56 100  
55 76.6 55.4 83.0

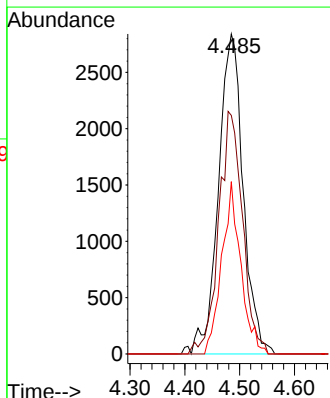
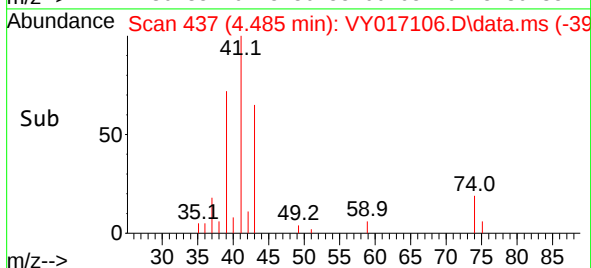
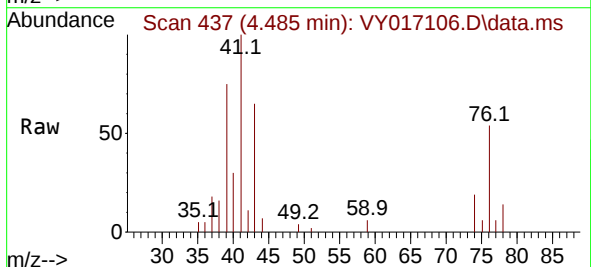
Manual Integrations  
APPROVED

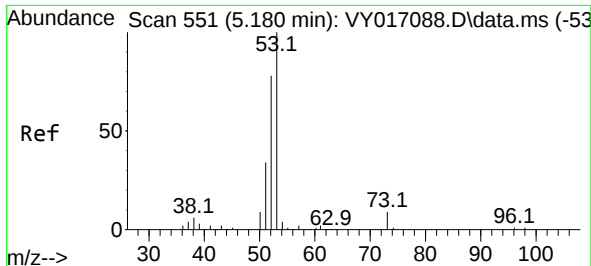
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#14  
Allyl chloride  
Concen: 5.096 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

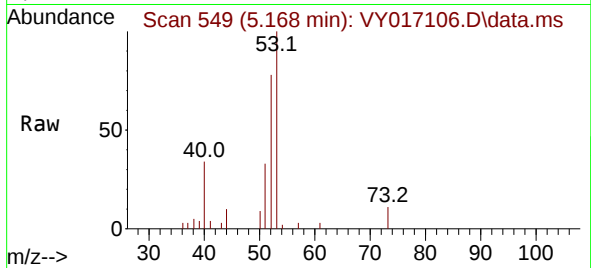
Tgt Ion: 41 Resp: 8923  
Ion Ratio Lower Upper  
41 100  
39 72.8 54.7 82.1  
76 41.3 31.8 47.6





#15  
Acrylonitrile  
Concen: 24.425 ug/l  
RT: 5.168 min Scan# 549  
Delta R.T. -0.011 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

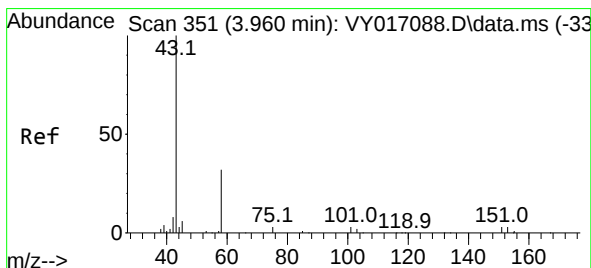
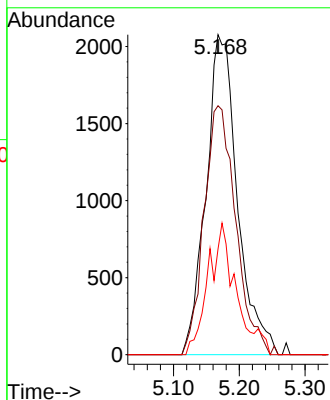
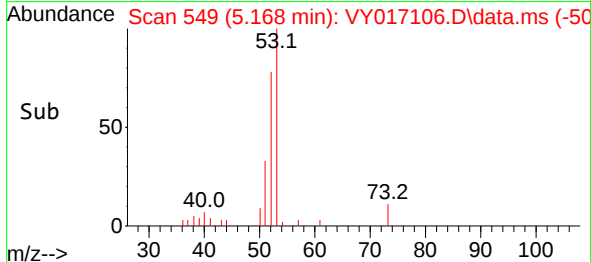
Instrument : MSVOA\_Y  
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 53 Resp: 6910  
Ion Ratio Lower Upper  
53 100  
52 78.6 65.1 97.7  
51 36.7 29.0 43.4

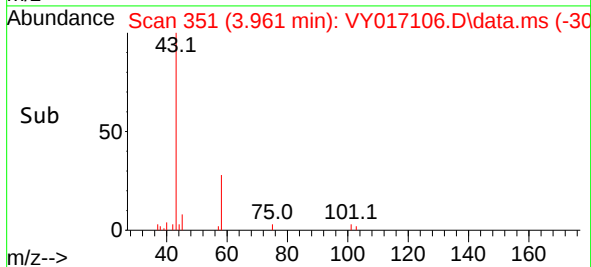
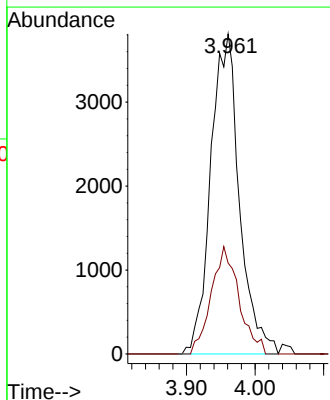
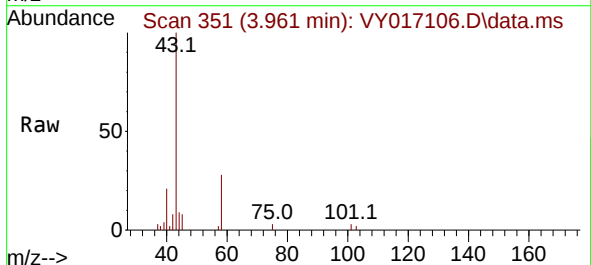
Manual Integrations  
APPROVED

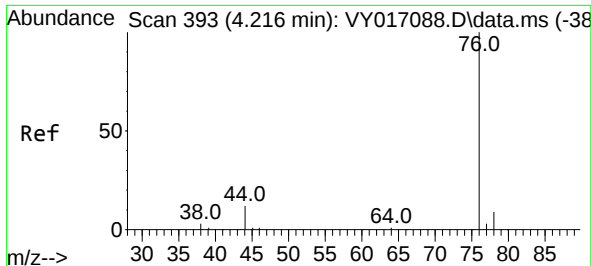
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#16  
Acetone  
Concen: 30.921 ug/l  
RT: 3.961 min Scan# 351  
Delta R.T. 0.001 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 43 Resp: 11055  
Ion Ratio Lower Upper  
43 100  
58 28.4 26.6 39.8





#17

Carbon Disulfide

Concen: 5.098 ug/l

RT: 4.198 min Scan# 393

Delta R.T. -0.012 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

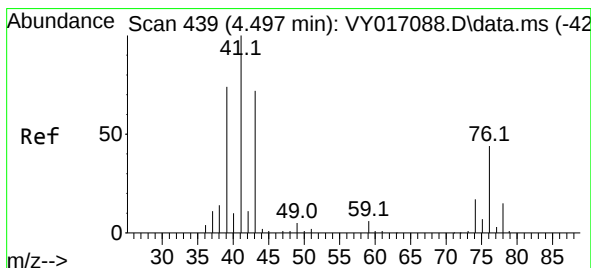
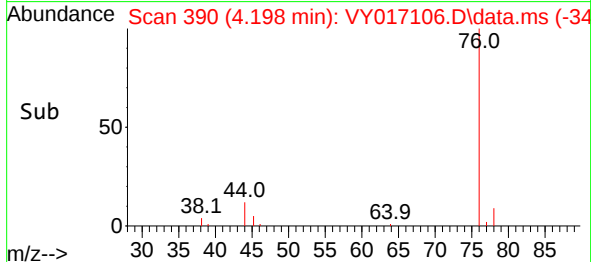
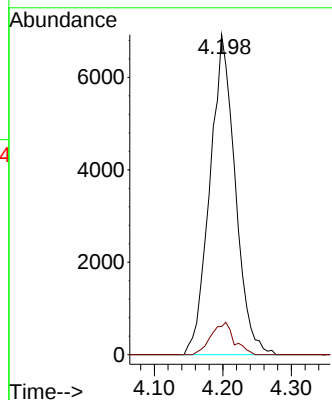
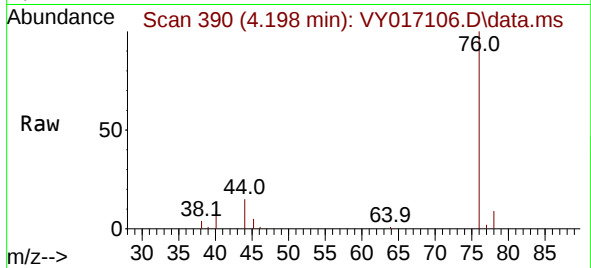
ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 76 Resp: 17799  
 Ion Ratio Lower Upper  
 76 100  
 78 8.8 7.4 11.0

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024



#18

Methyl Acetate

Concen: 4.928 ug/l

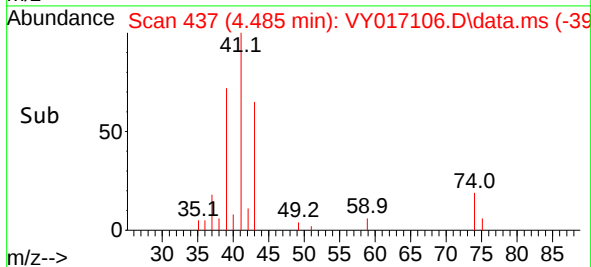
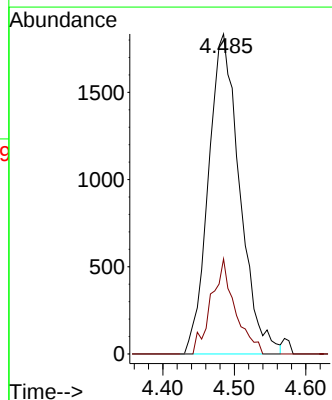
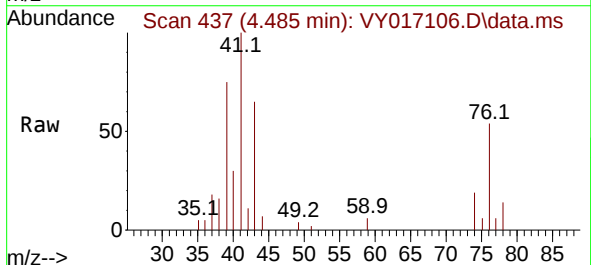
RT: 4.485 min Scan# 437

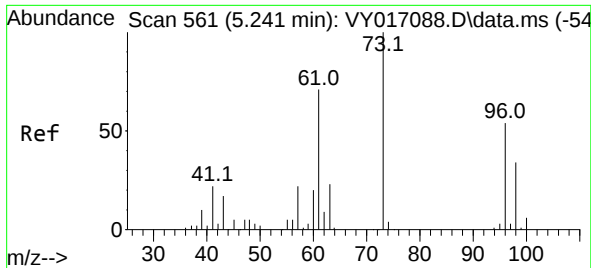
Delta R.T. -0.012 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

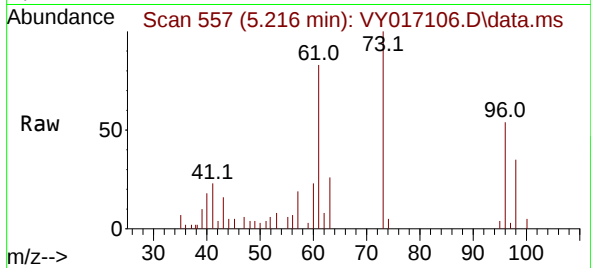
Tgt Ion: 43 Resp: 5572  
 Ion Ratio Lower Upper  
 43 100  
 74 22.7 19.8 29.6





#19  
Methyl tert-butyl Ether  
Concen: 4.933 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

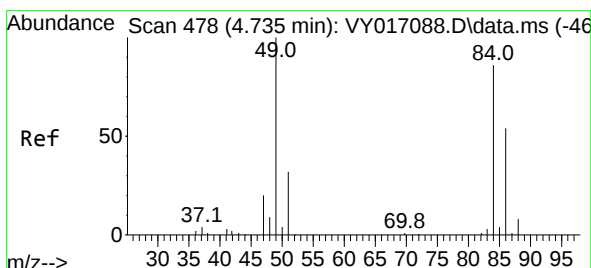
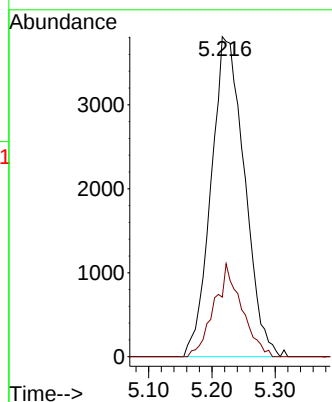
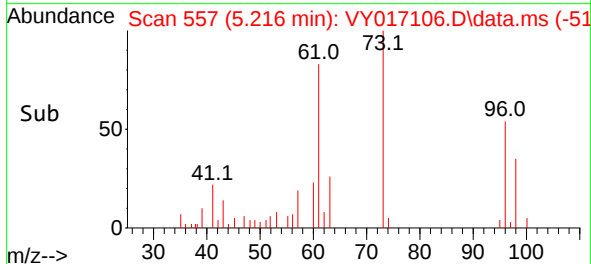
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 73 Resp: 1394  
Ion Ratio Lower Upper  
73 100  
57 18.6 17.7 26.5

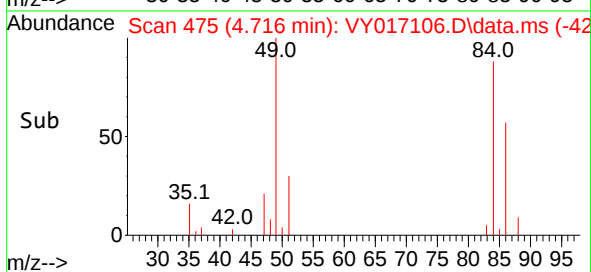
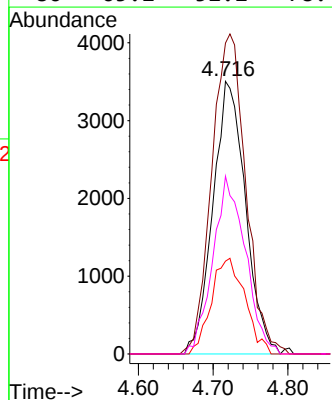
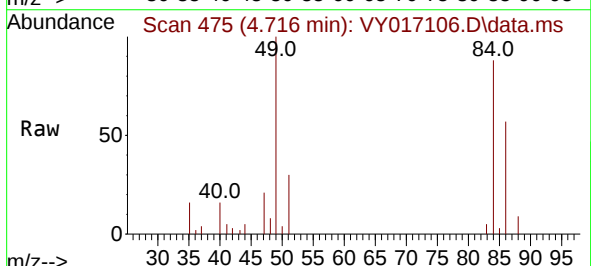
Manual Integrations  
APPROVED

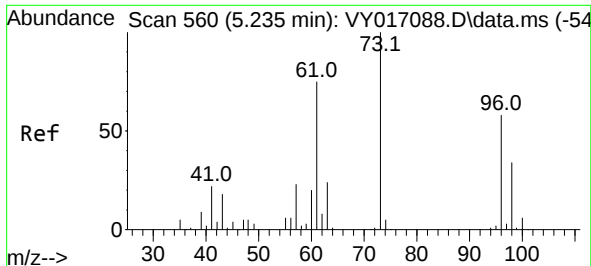
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#20  
Methylene Chloride  
Concen: 6.974 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. -0.018 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 84 Resp: 10593  
Ion Ratio Lower Upper  
84 100  
49 114.0 95.2 142.8  
51 34.1 29.9 44.9  
86 65.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.243 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

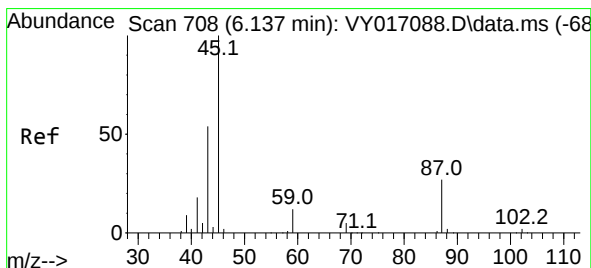
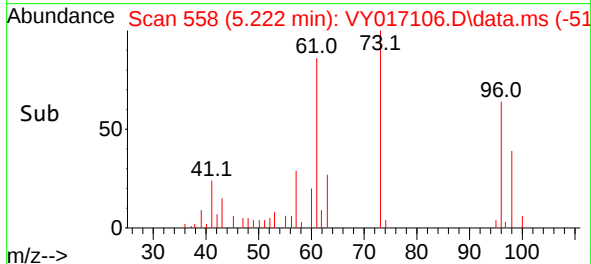
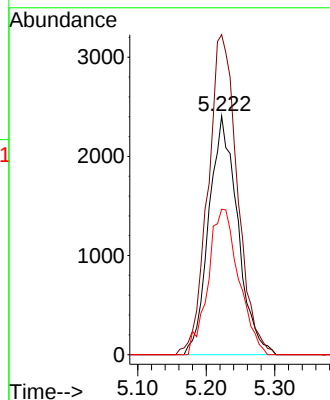
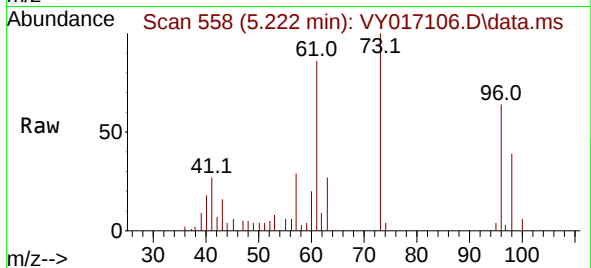
Tgt Ion: 96 Resp: 702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 134.1 | 104.6 | 156.8 |
| 98  | 60.9  | 50.9  | 76.3  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#22

Diisopropyl ether

Concen: 4.928 ug/l

RT: 6.125 min Scan# 706

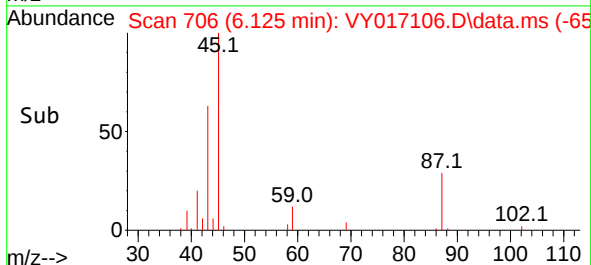
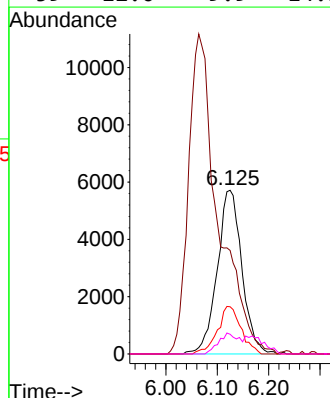
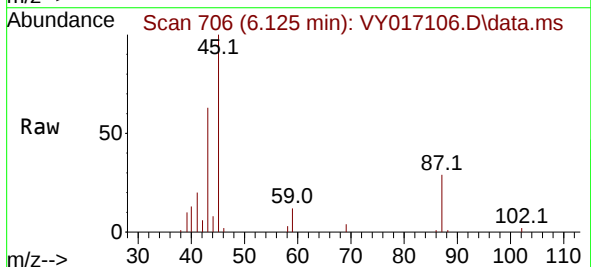
Delta R.T. -0.006 min

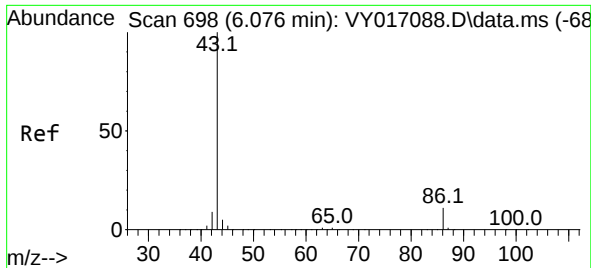
Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Tgt Ion: 45 Resp: 19045

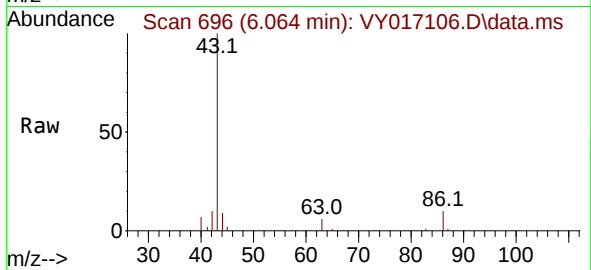
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 62.1  | 46.8  | 70.2  |
| 87  | 28.9  | 22.2  | 33.2  |
| 59  | 12.0  | 9.9   | 14.9  |





#23  
 Vinyl Acetate  
 Concen: 23.833 ug/l  
 RT: 6.064 min Scan# 696  
 Delta R.T. -0.012 min  
 Lab File: VY017106.D  
 Acq: 25 Jan 2024 15:58

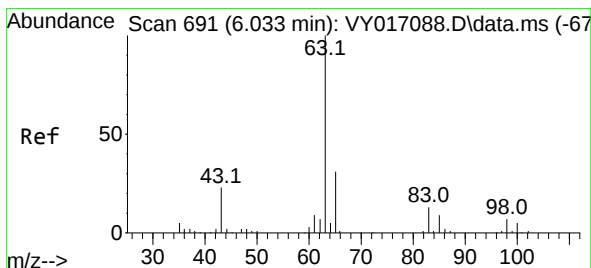
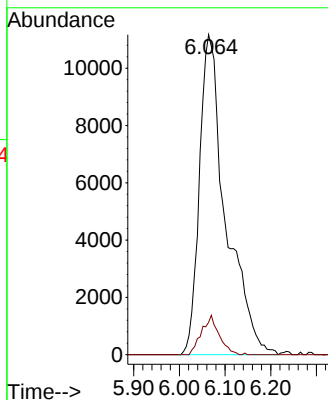
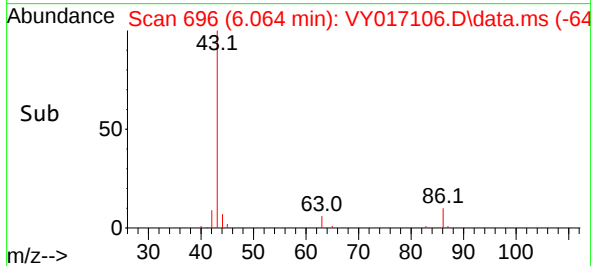
Instrument : MSVOA\_Y  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 44680  
 Ion Ratio Lower Upper  
 43 100  
 86 10.1 8.6 13.0

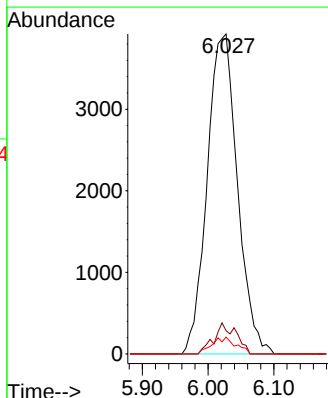
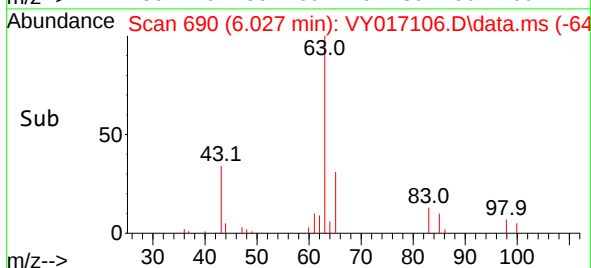
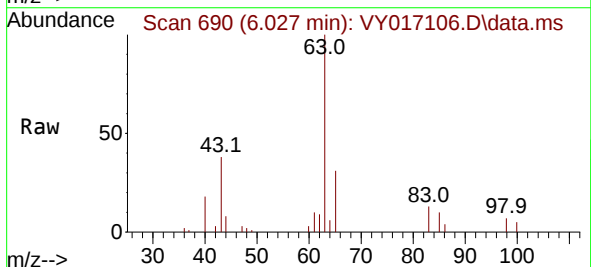
Manual Integrations  
 APPROVED

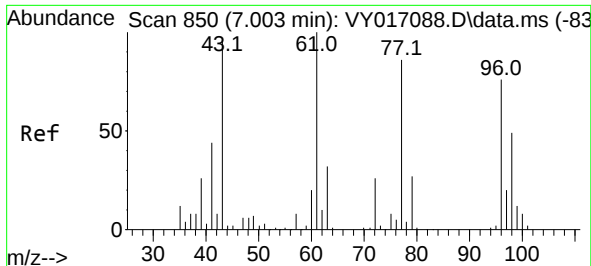
Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024



#24  
 1,1-Dichloroethane  
 Concen: 5.335 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY017106.D  
 Acq: 25 Jan 2024 15:58

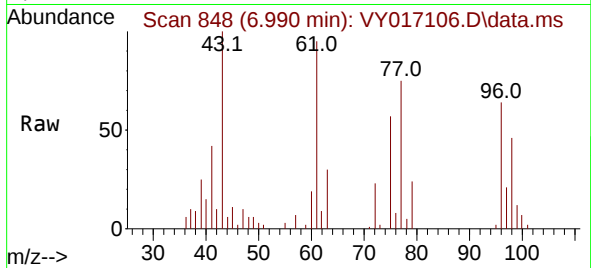
Tgt Ion: 63 Resp: 12576  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.8 11.4  
 100 5.3 2.1 6.2





#25  
2-Butanone  
Concen: 28.306 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

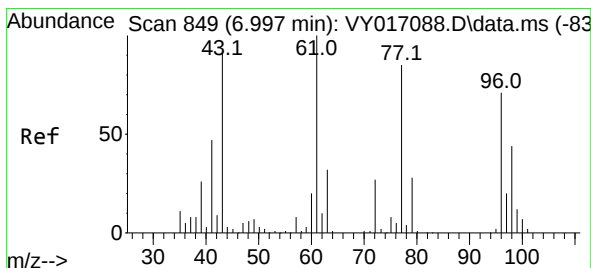
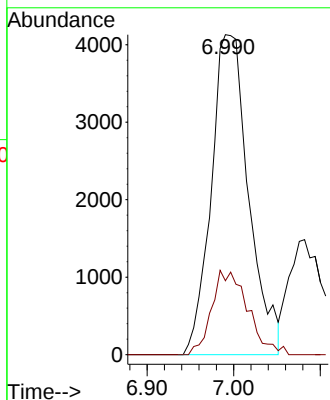
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 1242  
Ion Ratio Lower Upper  
43 100  
72 23.1 21.4 32.2

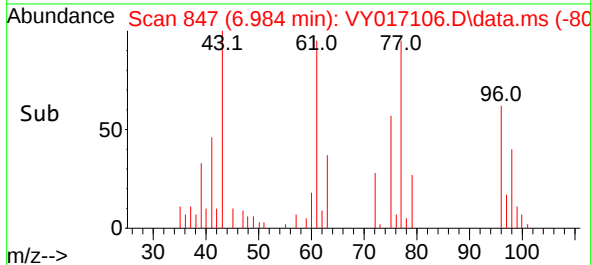
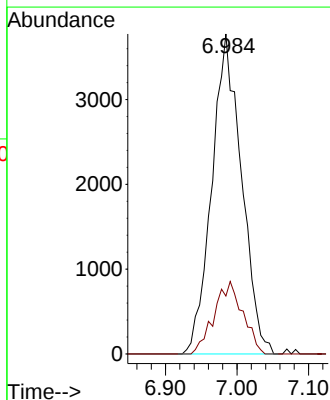
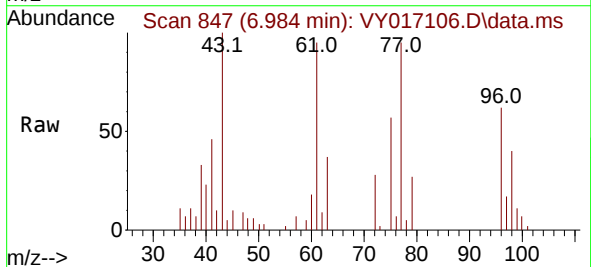
Manual Integrations  
APPROVED

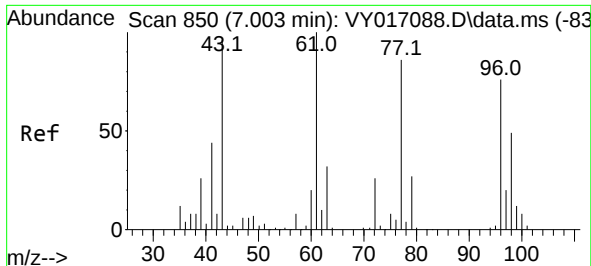
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#26  
2,2-Dichloropropane  
Concen: 5.405 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. -0.012 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 77 Resp: 10883  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 5.057 ug/l

RT: 6.997 min Scan# 849

Delta R.T. -0.005 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

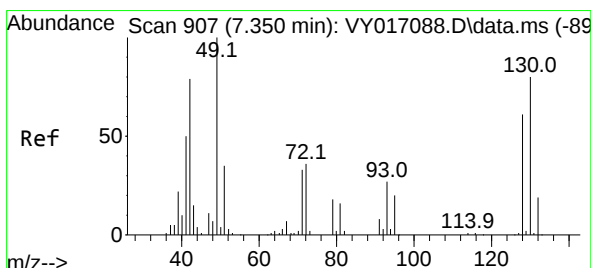
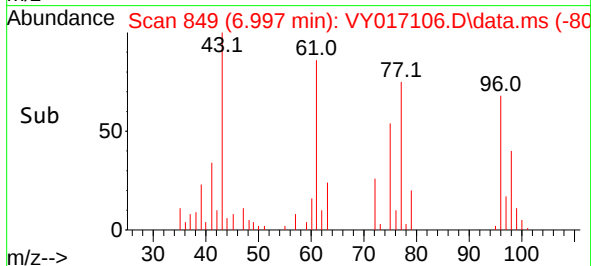
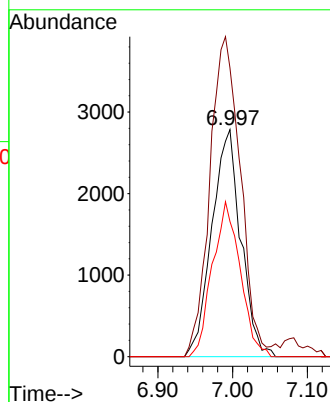
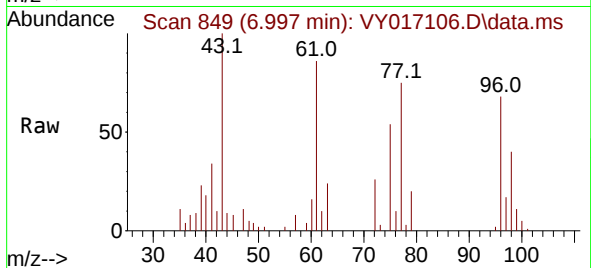
LOQ-SOIL-02-QT1-2024

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 7509  |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 148.7    | 0.0 278.8   |
| 98 65.7     | 0.0 127.0   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#28

Bromochloromethane

Concen: 5.187 ug/l

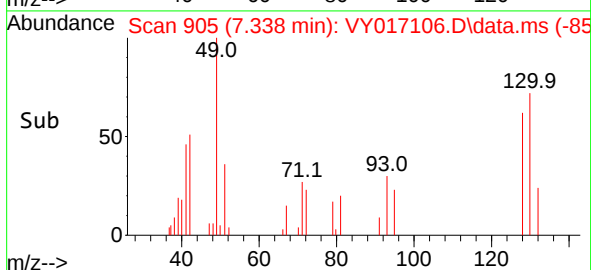
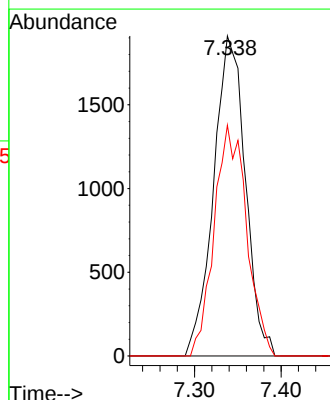
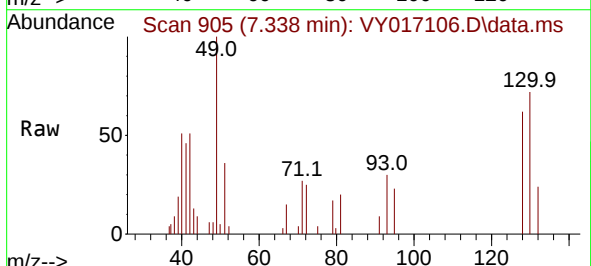
RT: 7.338 min Scan# 905

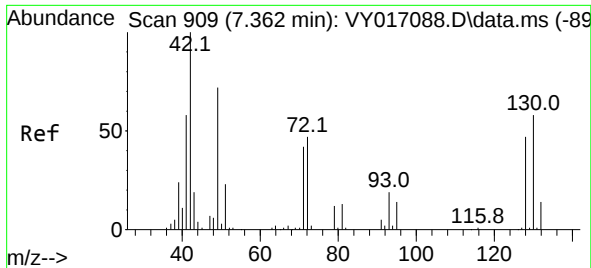
Delta R.T. -0.012 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 4868  |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.0     | 0.0 3.8     |
| 130 73.6    | 59.8 89.8   |





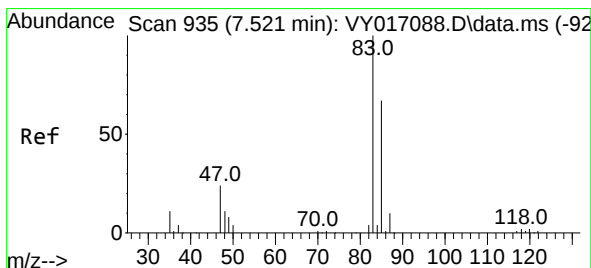
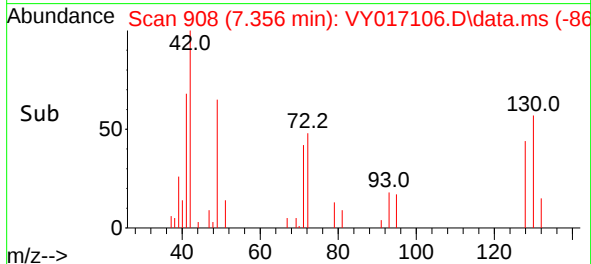
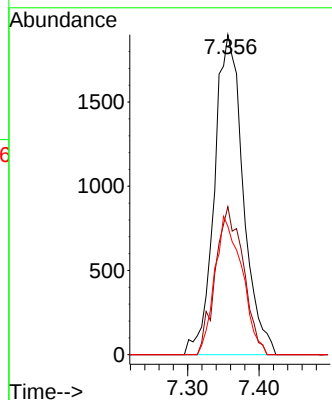
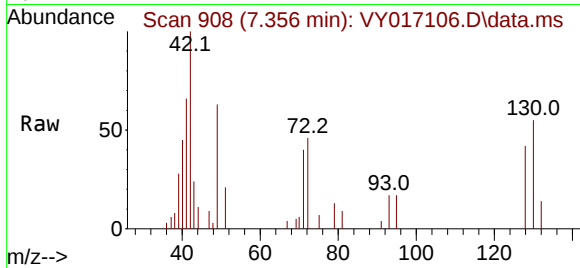
#29  
Tetrahydrofuran  
Concen: 23.752 ug/l  
RT: 7.356 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion: 42 Resp: 5309  
Ion Ratio Lower Upper  
42 100  
72 44.8 36.6 54.8  
71 40.9 33.8 50.6

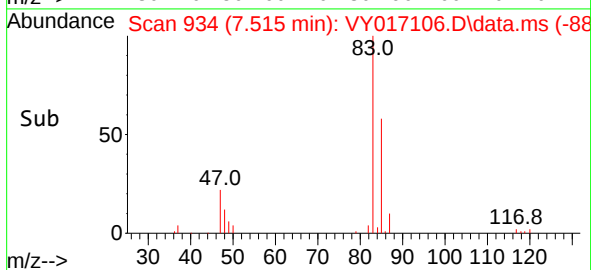
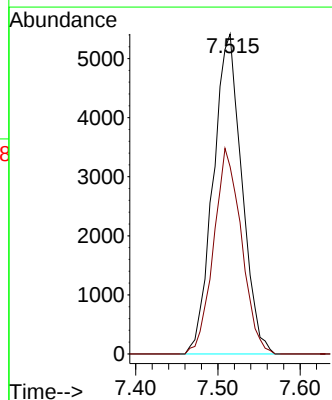
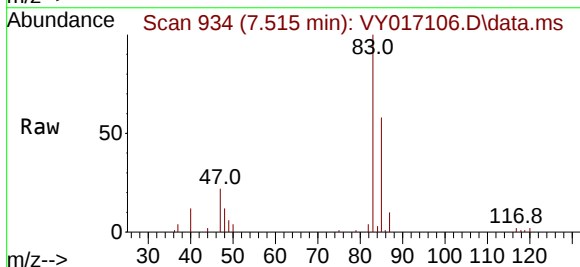
Manual Integrations  
APPROVED

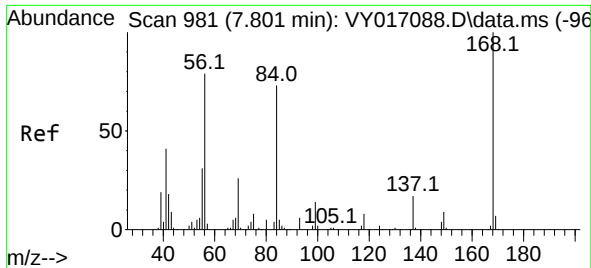
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#30  
Chloroform  
Concen: 5.465 ug/l  
RT: 7.515 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

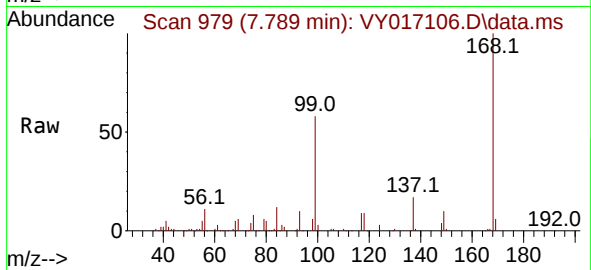
Tgt Ion: 83 Resp: 13117  
Ion Ratio Lower Upper  
83 100  
85 58.5 51.2 76.8





#31  
Cyclohexane  
Concen: 5.763 ug/l  
RT: 7.789 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

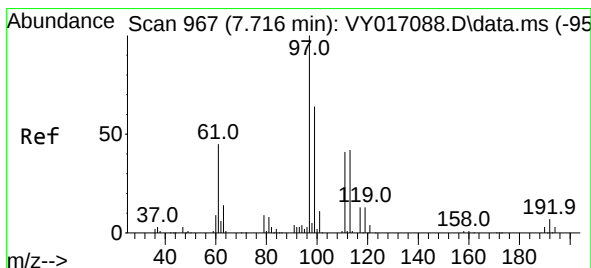
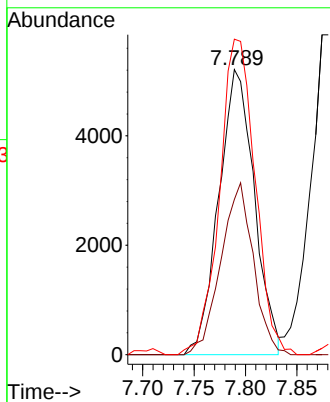
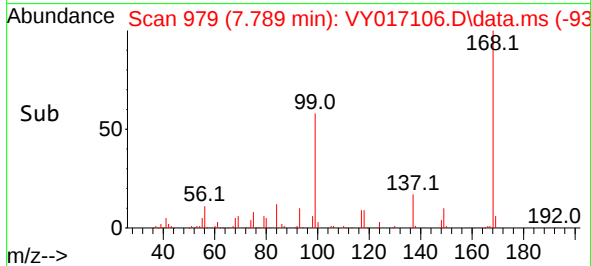
Instrument : MSVOA\_Y  
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 56 Resp: 1255  
Ion Ratio Lower Upper  
56 100  
69 54.4 27.0 40.6  
84 110.7 71.8 107.6

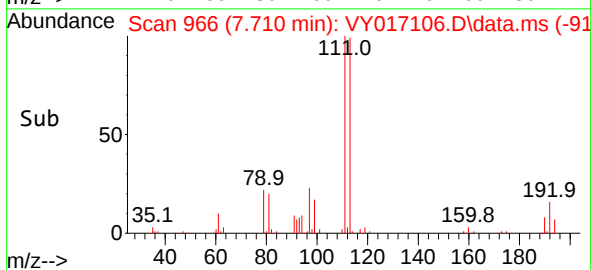
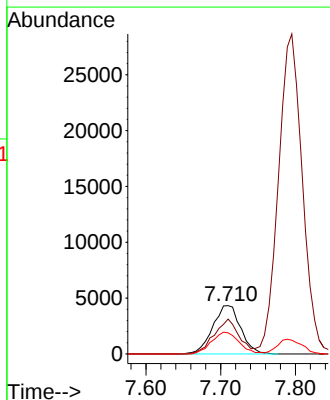
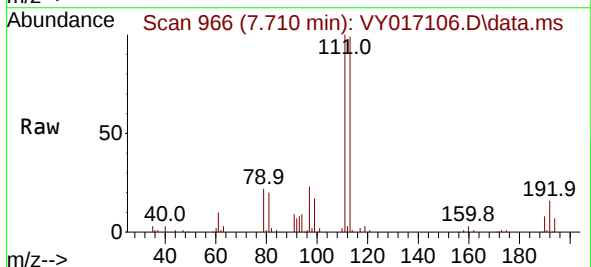
Manual Integrations  
APPROVED

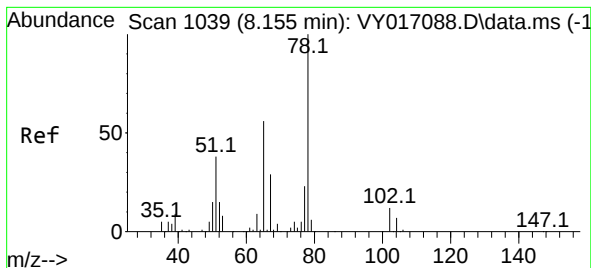
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#32  
1,1,1-Trichloroethane  
Concen: 5.469 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 97 Resp: 11256  
Ion Ratio Lower Upper  
97 100  
99 63.7 51.2 76.8  
61 44.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 54.935 ug/l

RT: 8.149 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

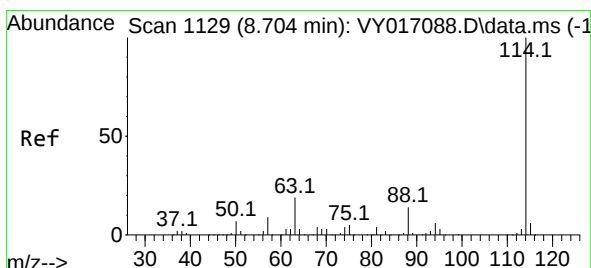
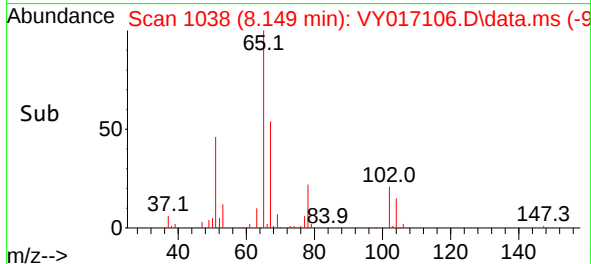
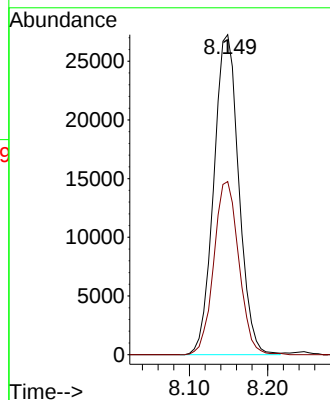
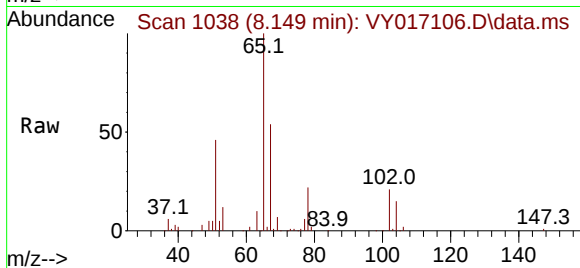
LOQ-SOIL-02-QT1-2024

Tgt Ion: 65 Resp: 60554  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

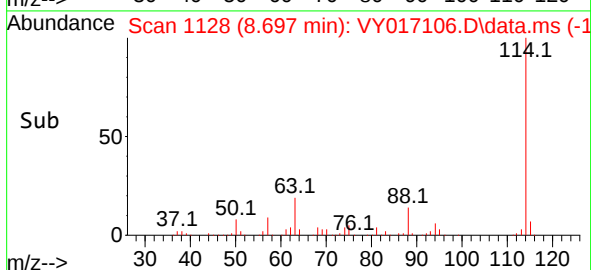
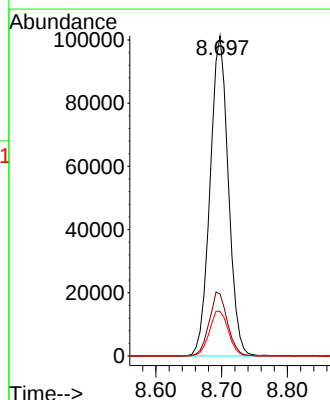
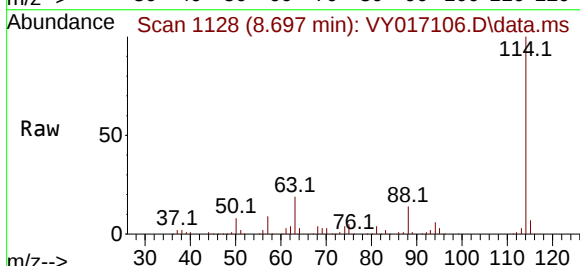
RT: 8.697 min Scan# 1128

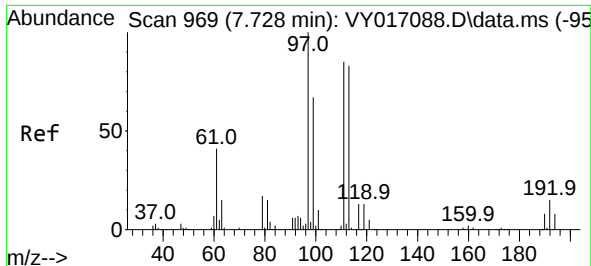
Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Tgt Ion:114 Resp: 195280  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 37.4  
 88 13.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.568 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

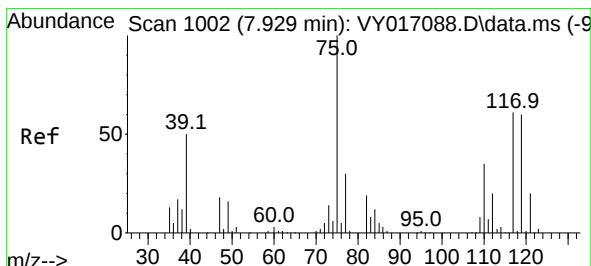
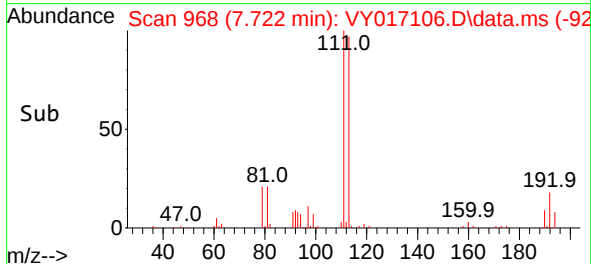
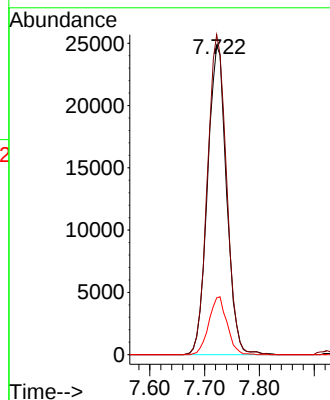
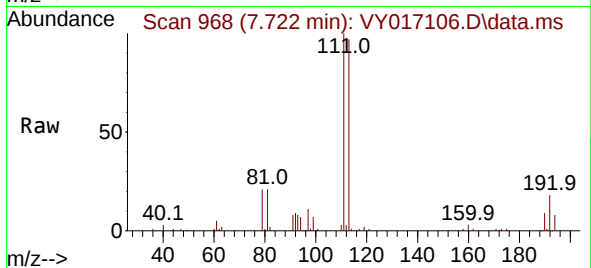
LOQ-SOIL-02-QT1-2024

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 5959  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.9 | 83.8  | 125.6 |
| 192      | 17.9  | 14.5  | 21.7  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#36

1,1-Dichloropropene

Concen: 5.189 ug/l

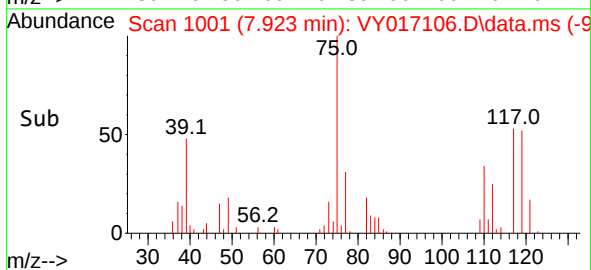
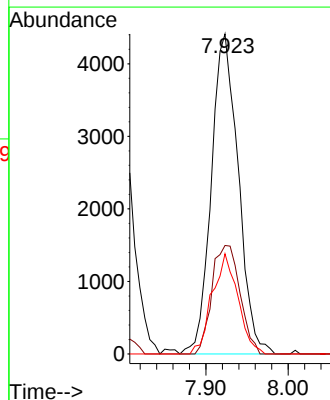
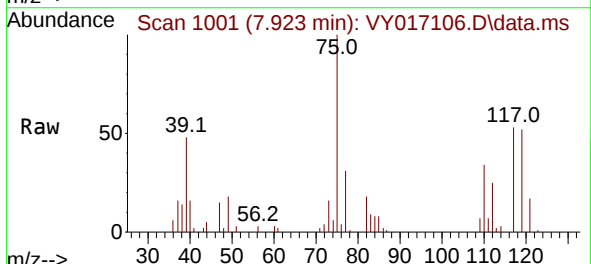
RT: 7.923 min Scan# 1001

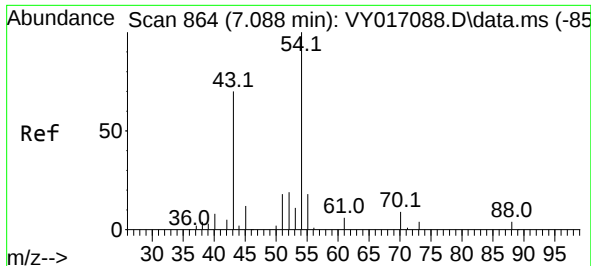
Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 10062 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 35.2  | 17.4  | 52.3  |
| 77       | 29.9  | 24.7  | 37.1  |





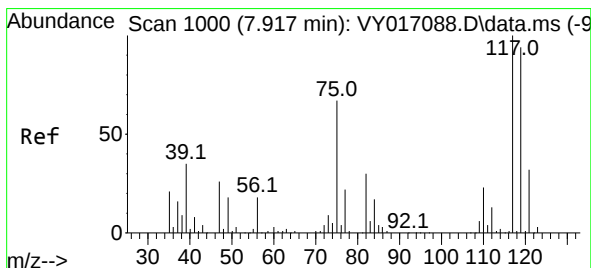
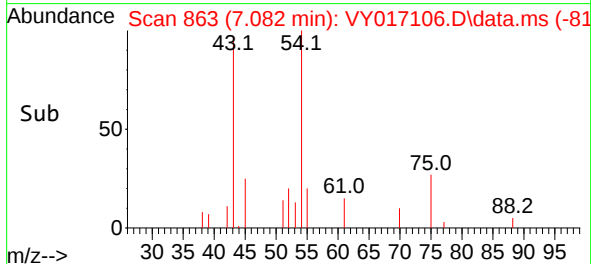
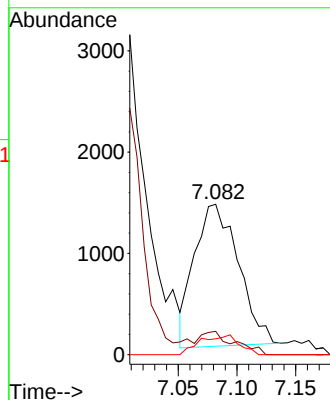
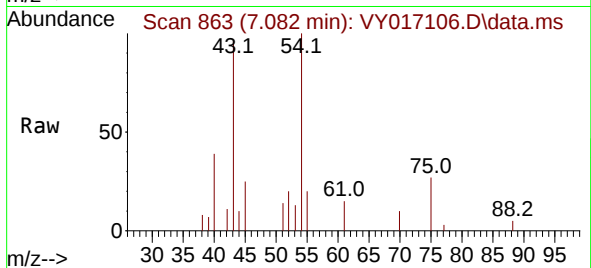
#37  
Ethyl Acetate  
Concen: 4.383 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 365  
Ion Ratio Lower Upper  
43 100  
61 15.2 11.0 16.6  
70 12.1 8.1 12.1

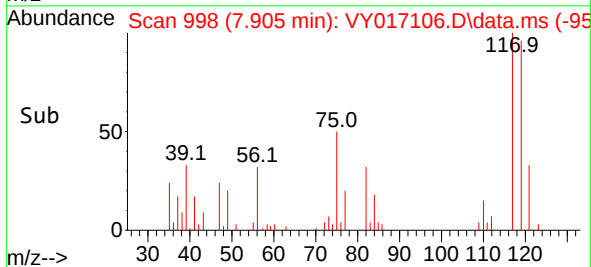
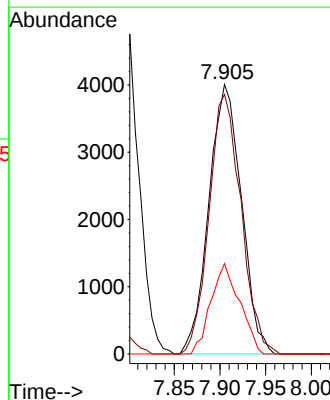
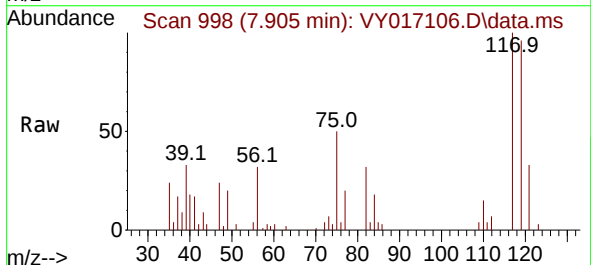
Manual Integrations  
APPROVED

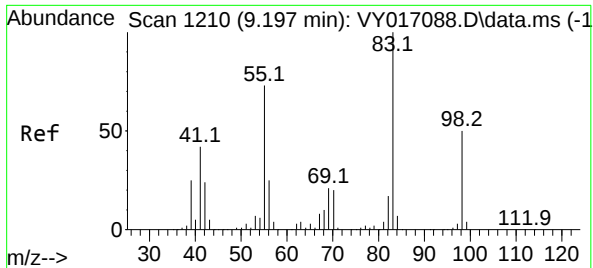
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#38  
Carbon Tetrachloride  
Concen: 5.228 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.012 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion:117 Resp: 9934  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.0 114.0  
121 33.5 24.2 36.2





#39

Methylcyclohexane

Concen: 4.682 ug/l

RT: 9.191 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

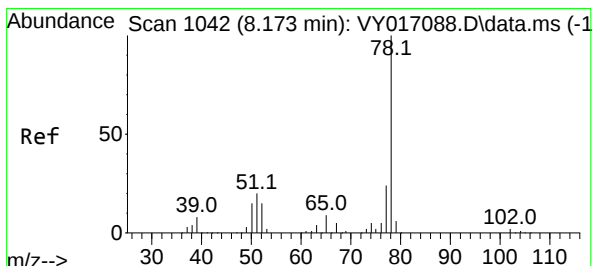
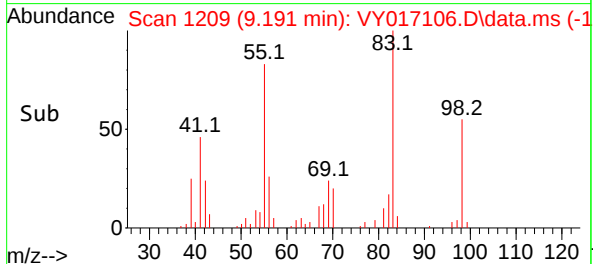
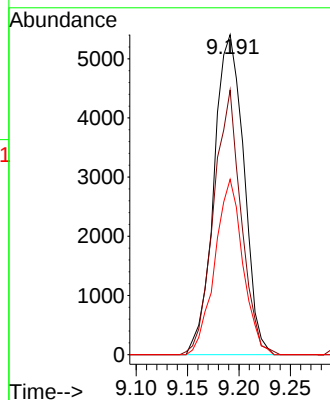
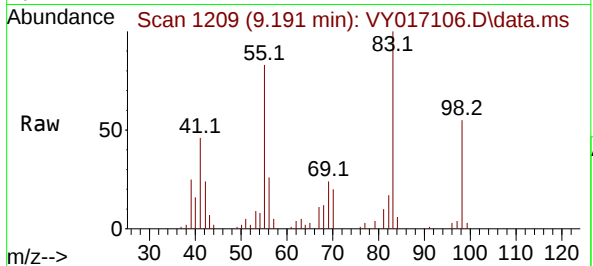
LOQ-SOIL-02-QT1-2024

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 1092     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 82.7 59.7 89.5 |
| 98          | 54.8 38.0 57.0 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#40

Benzene

Concen: 5.097 ug/l

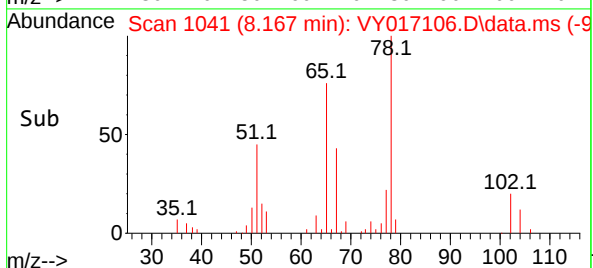
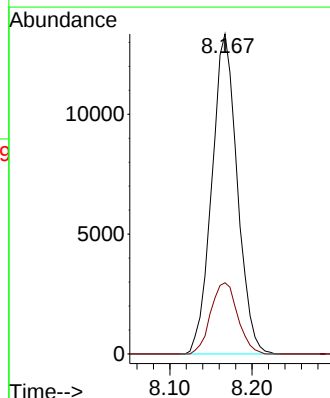
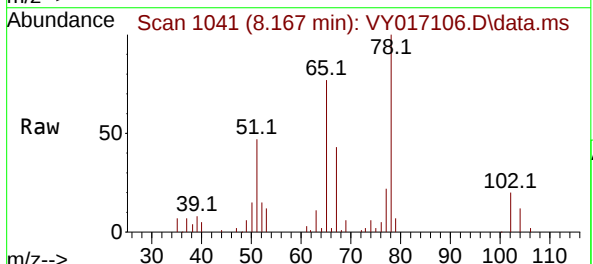
RT: 8.167 min Scan# 1041

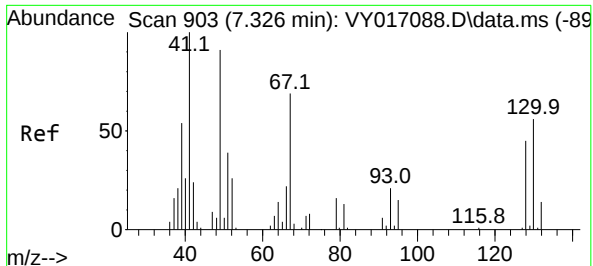
Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

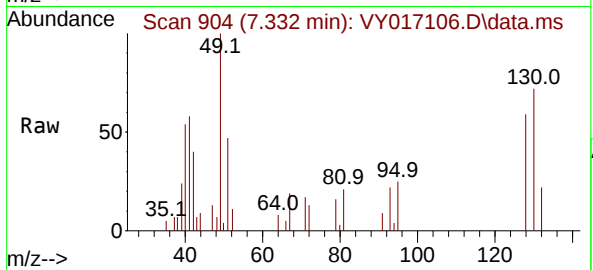
|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 28702    |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 22.2 18.8 28.2 |





#41  
Methacrylonitrile  
Concen: 5.806 ug/l m  
RT: 7.332 min Scan# 903  
Delta R.T. 0.013 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

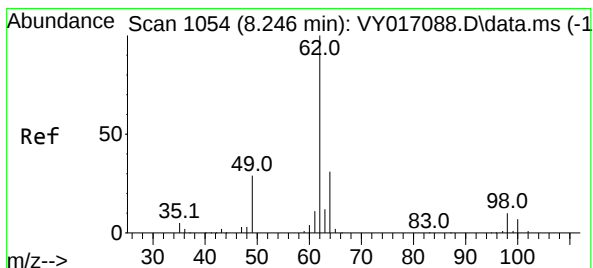
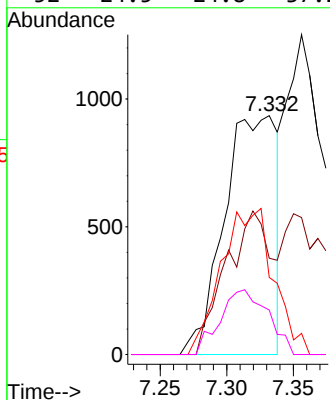
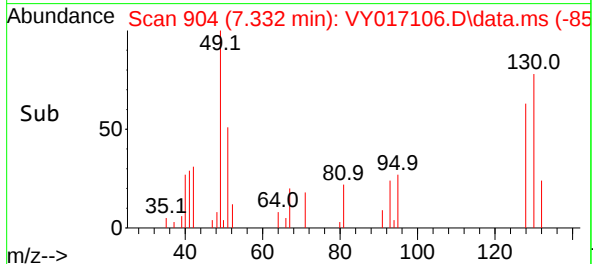
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 41 Resp: 2589  
Ion Ratio Lower Upper  
41 100  
39 52.1 41.9 62.9  
67 60.1 59.8 89.6  
52 24.5 24.8 37.2#

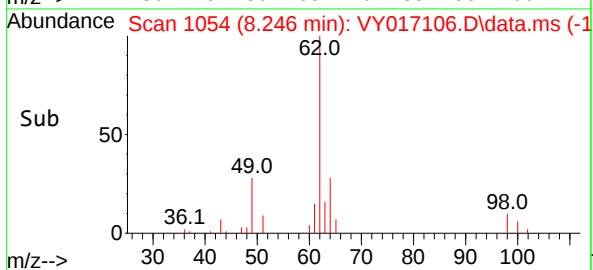
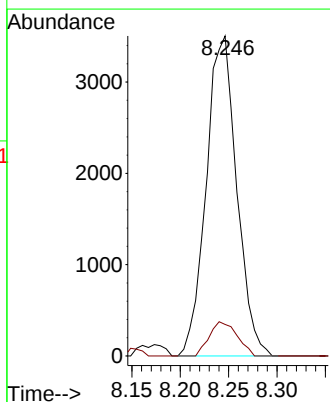
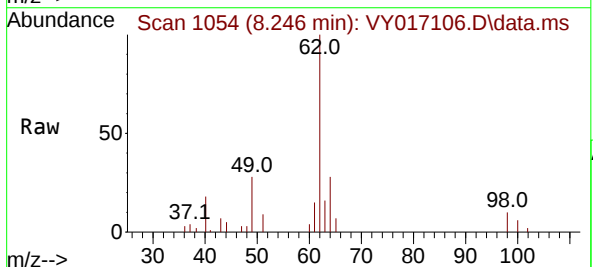
Manual Integrations  
APPROVED

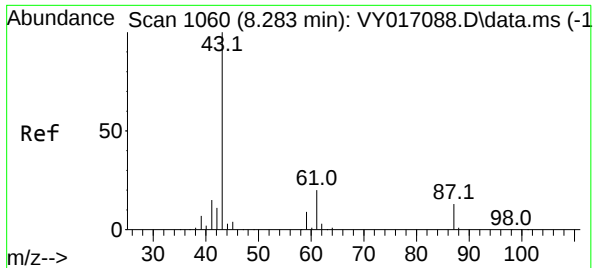
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#42  
1,2-Dichloroethane  
Concen: 5.274 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

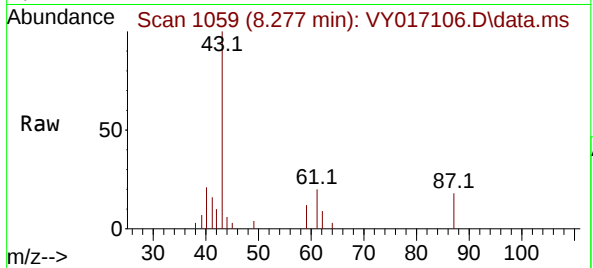
Tgt Ion: 62 Resp: 7700  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 20.2





#43  
Isopropyl Acetate  
Concen: 4.764 ug/l  
RT: 8.277 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

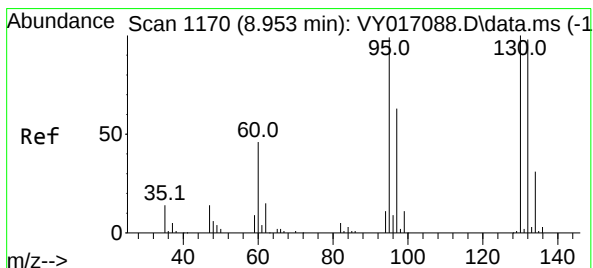
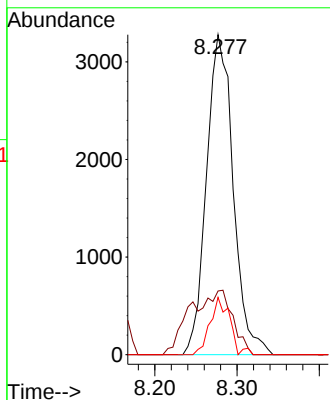
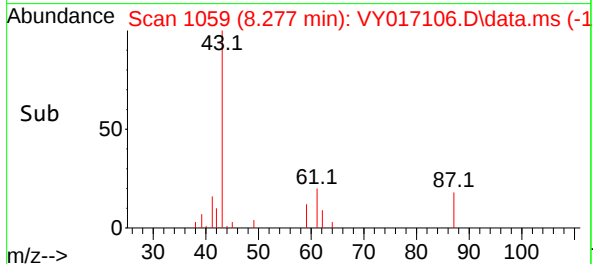
Instrument : MSVOA\_Y  
ClientSampleId : LOQ-SOIL-02-QT1-2024



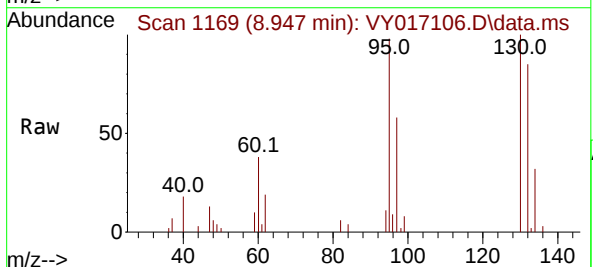
Tgt Ion: 43 Resp: 7410  
Ion Ratio Lower Upper  
43 100  
61 18.5 24.8 37.2  
87 13.2 10.7 16.1

Manual Integrations  
APPROVED

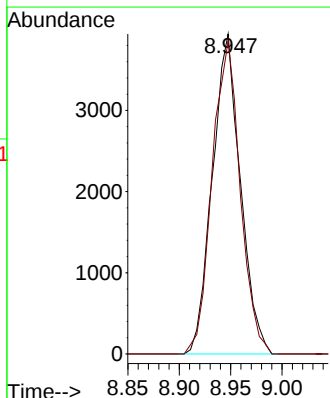
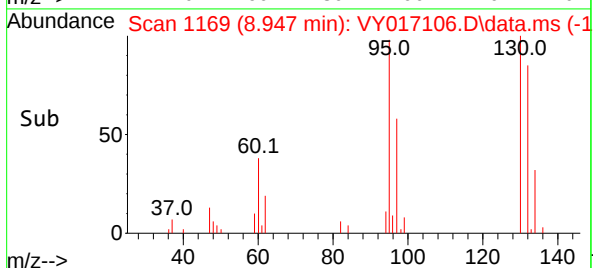
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024

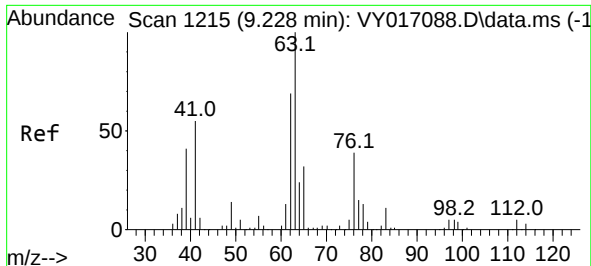


#44  
Trichloroethene  
Concen: 5.169 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58



Tgt Ion:130 Resp: 7466  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 5.171 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 63 Resp: 714

Ion Ratio Lower Upper

63 100

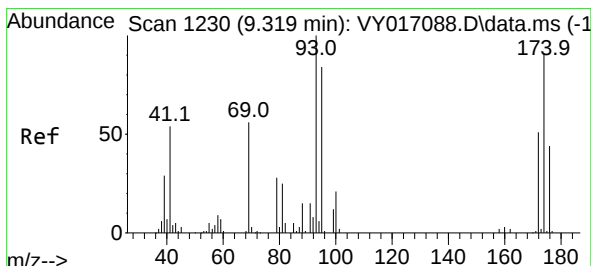
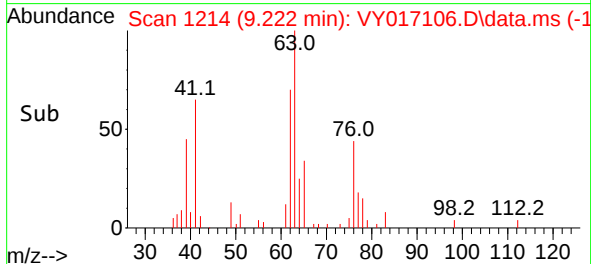
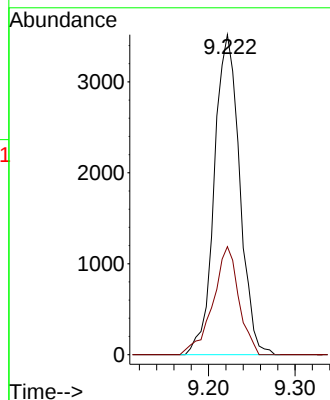
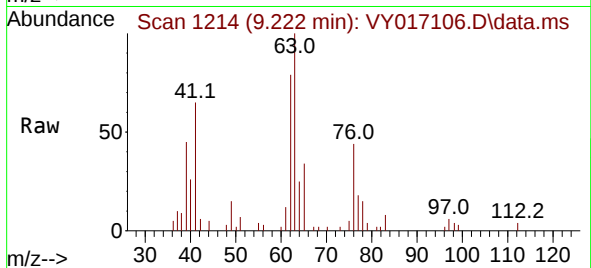
65 33.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#46

Dibromomethane

Concen: 4.903 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

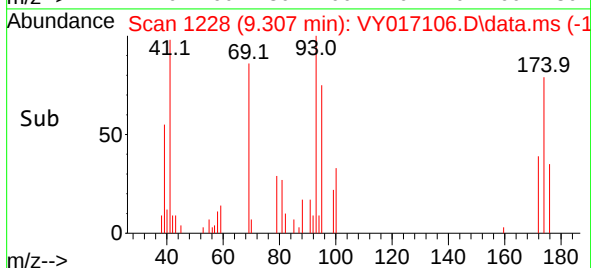
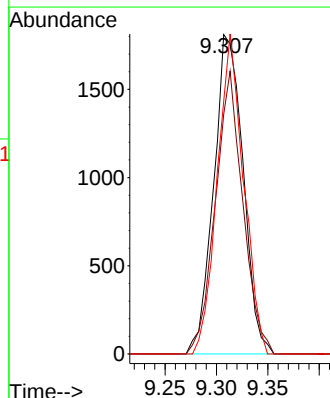
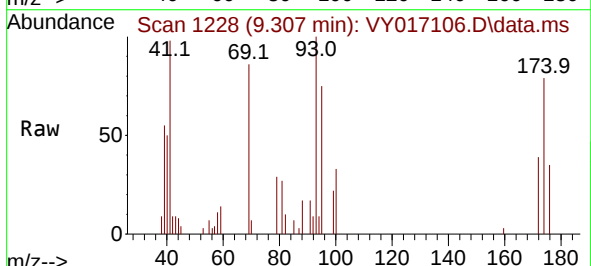
Tgt Ion: 93 Resp: 3599

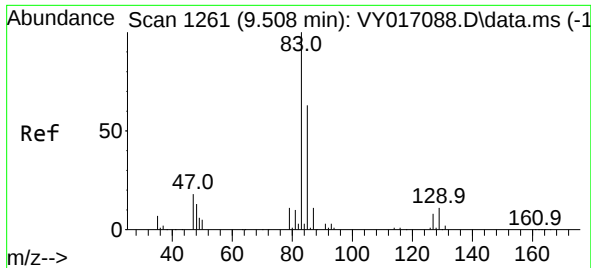
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 89.5 73.8 110.6





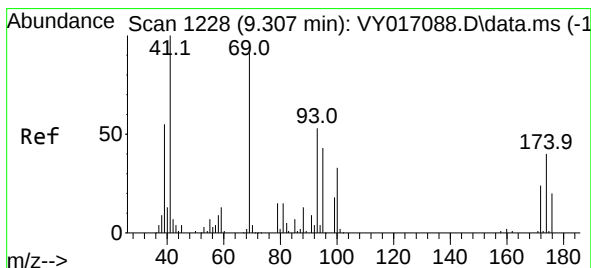
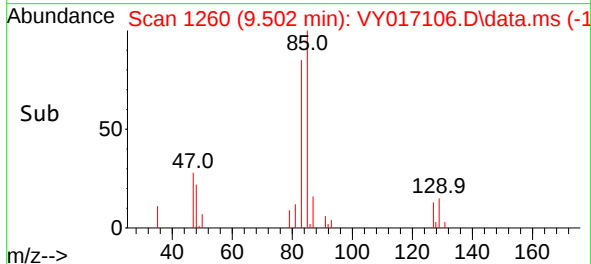
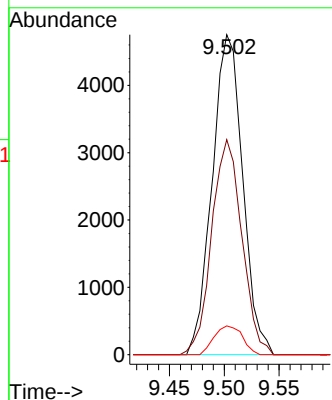
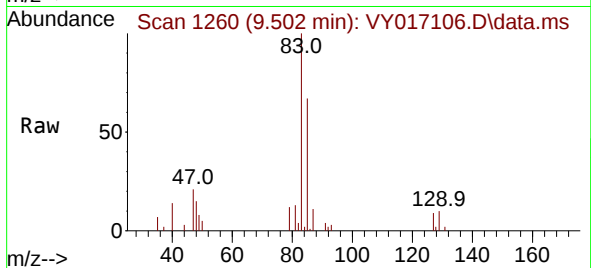
#47  
Bromodichloromethane  
Concen: 4.927 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion: 83 Resp: 920  
Ion Ratio Lower Upper  
83 100  
85 67.2 53.2 79.8  
127 9.0 6.4 9.6

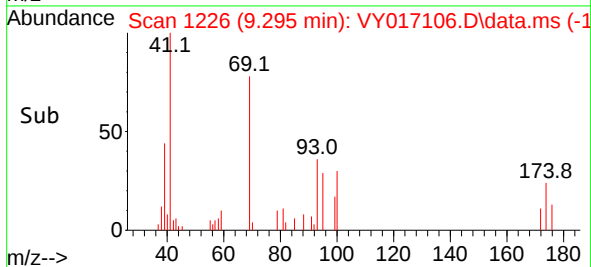
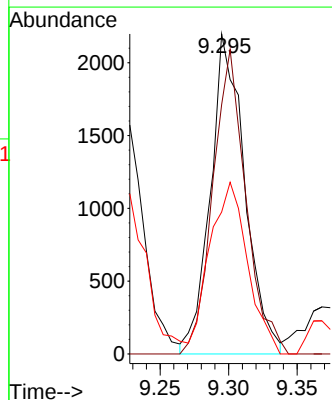
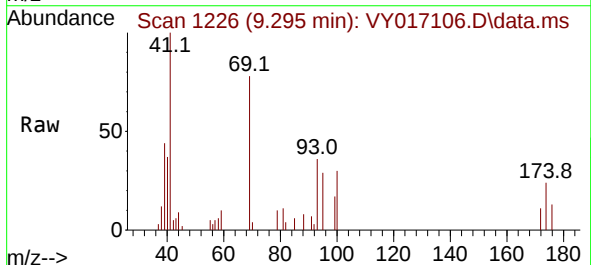
Manual Integrations  
APPROVED

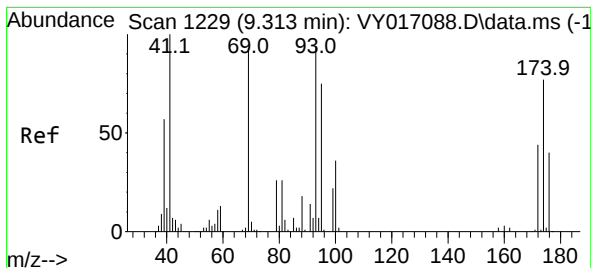
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#48  
Methyl methacrylate  
Concen: 4.421 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 41 Resp: 3821  
Ion Ratio Lower Upper  
41 100  
69 91.6 72.1 108.1  
39 59.3 42.8 64.2





#49

1,4-Dioxane

Concen: 105.820 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017106.D

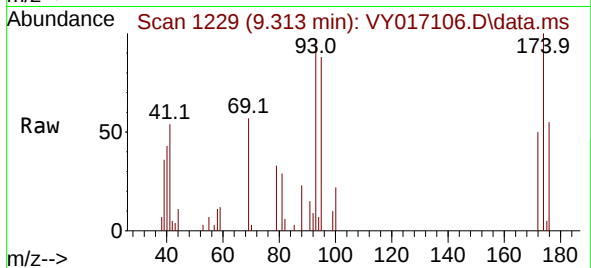
Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024



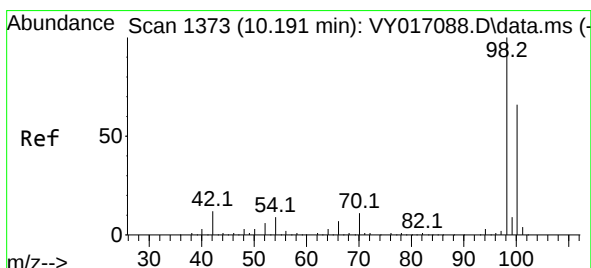
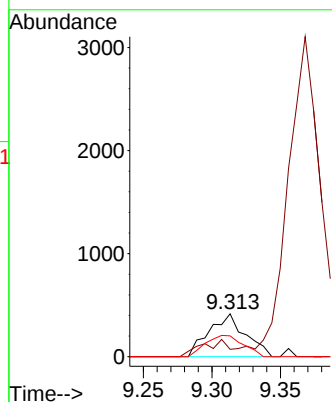
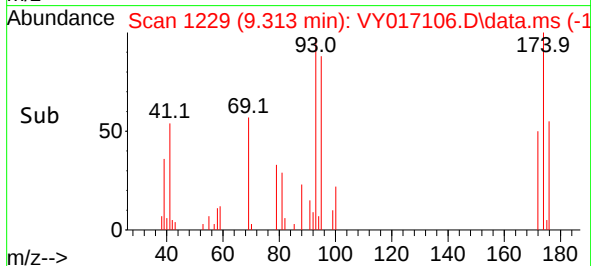
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 764   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 0.0   | 28.2  | 42.4  |
| 58       | 51.3  | 52.2  | 78.2  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#50

Toluene-d8

Concen: 51.383 ug/l

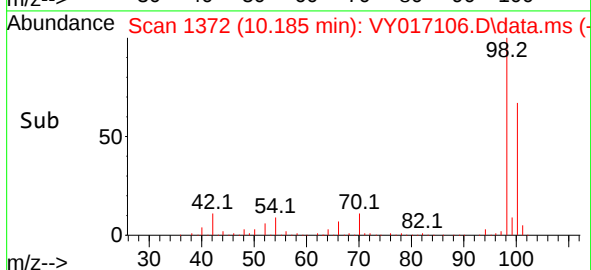
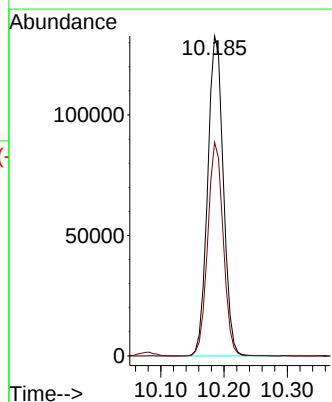
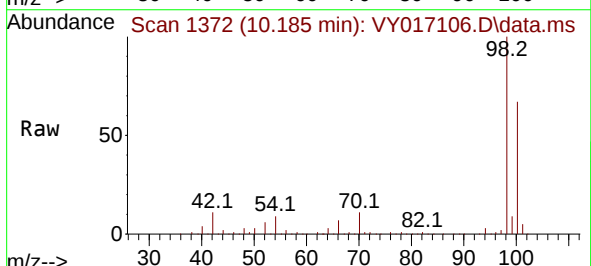
RT: 10.185 min Scan# 1372

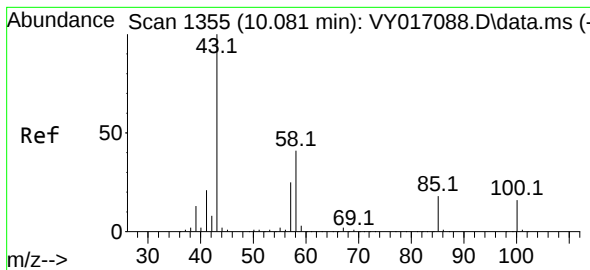
Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 228737 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 66.1  | 52.3  | 78.5   |





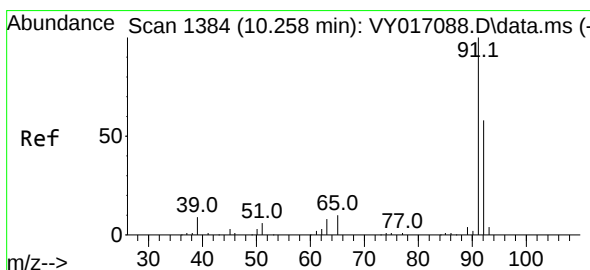
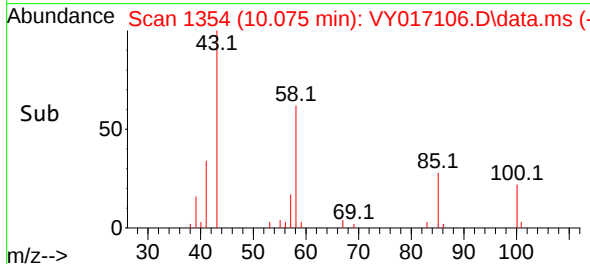
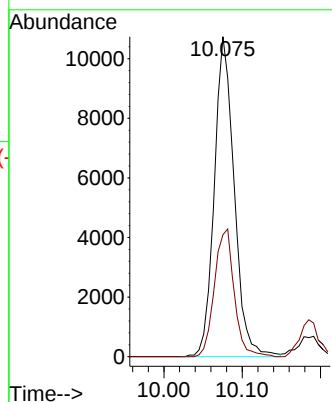
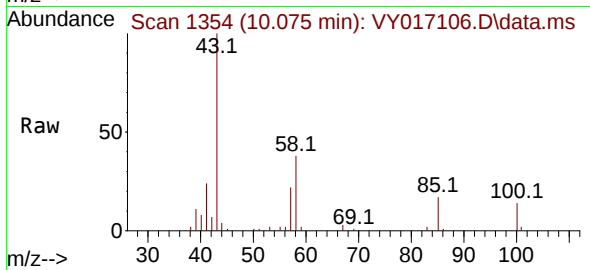
#51  
4-Methyl-2-Pentanone  
Concen: 22.934 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 18990  
Ion Ratio Lower Upper  
43 100  
58 39.6 32.2 48.2

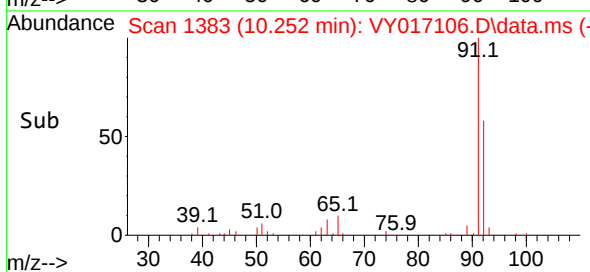
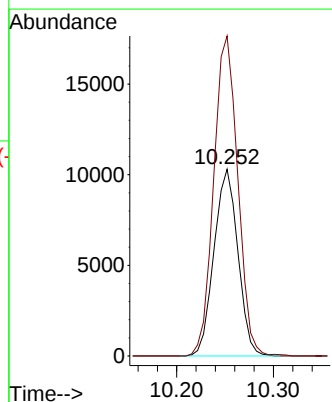
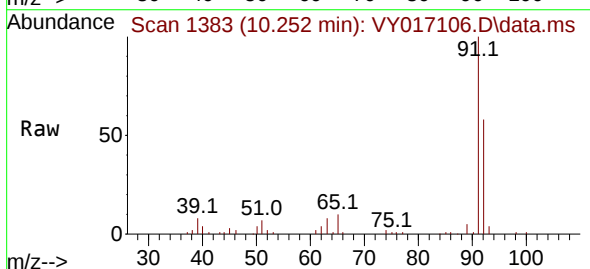
Manual Integrations  
APPROVED

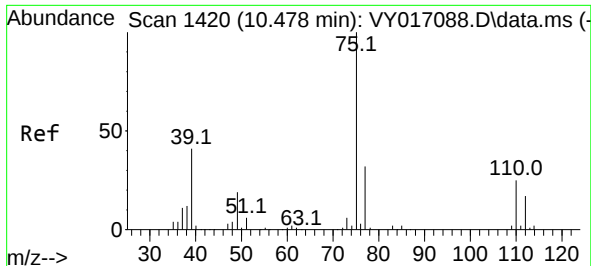
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#52  
Toluene  
Concen: 5.182 ug/l  
RT: 10.252 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

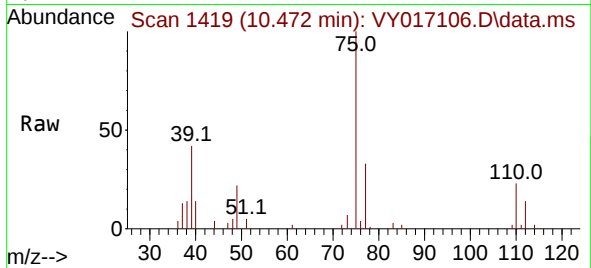
Tgt Ion: 92 Resp: 17662  
Ion Ratio Lower Upper  
92 100  
91 172.5 137.6 206.4





#53  
t-1,3-Dichloropropene  
Concen: 4.781 ug/l  
RT: 10.472 min Scan# 1419  
Delta R.T. 0.001 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

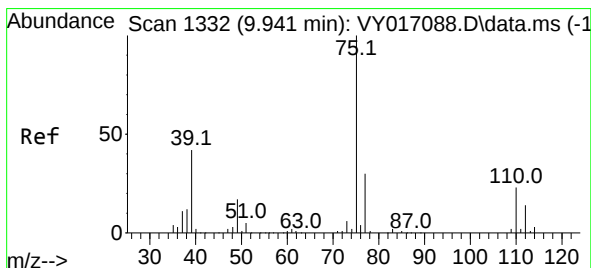
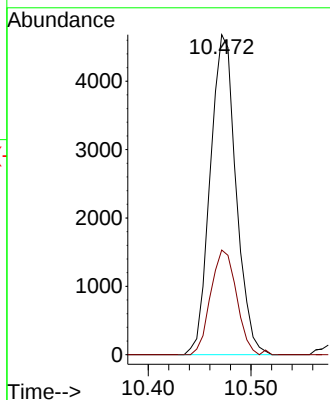
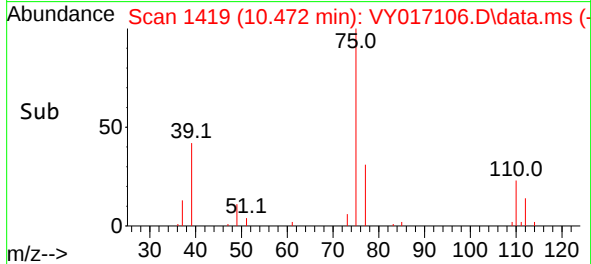
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 75 Resp: 815  
Ion Ratio Lower Upper  
75 100  
77 32.7 24.6 36.8

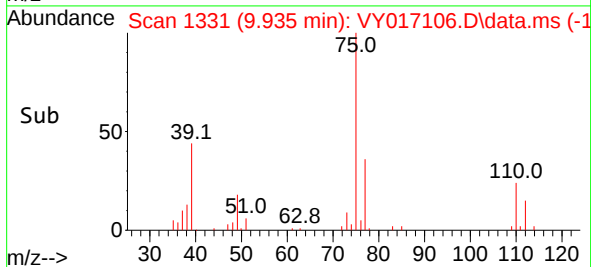
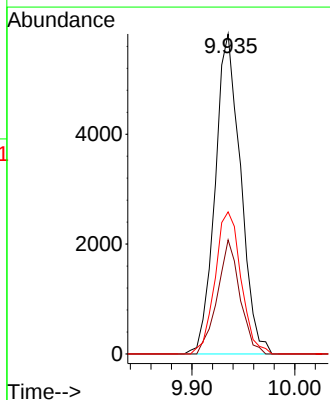
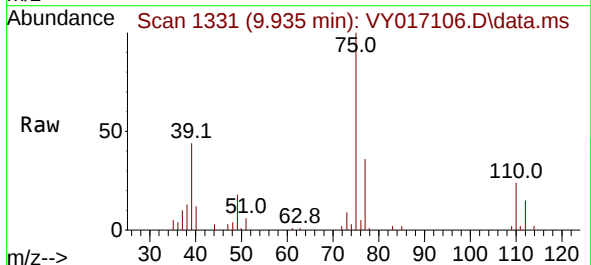
Manual Integrations  
APPROVED

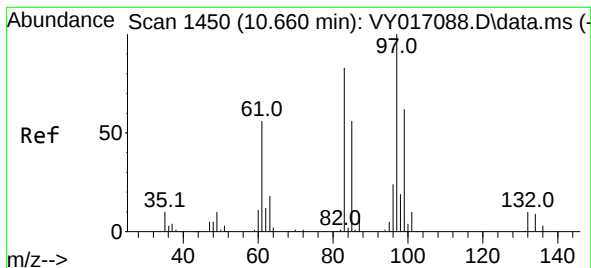
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#54  
cis-1,3-Dichloropropene  
Concen: 4.770 ug/l  
RT: 9.935 min Scan# 1331  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 75 Resp: 10009  
Ion Ratio Lower Upper  
75 100  
77 35.7 24.6 36.8  
39 44.4 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 4.844 ug/l

RT: 10.648 min Scan# 1450

Delta R.T. -0.006 min

Lab File: VY017106.D

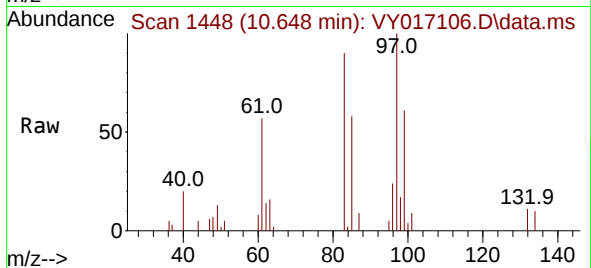
Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024



Tgt Ion: 97 Resp: 4970

Ion Ratio Lower Upper

97 100

83 89.5 69.4 104.2

85 57.8 43.9 65.9

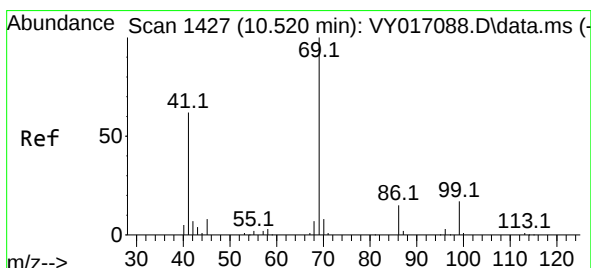
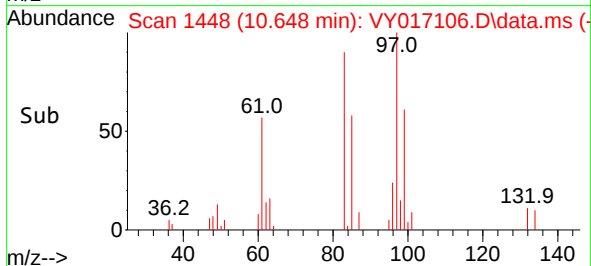
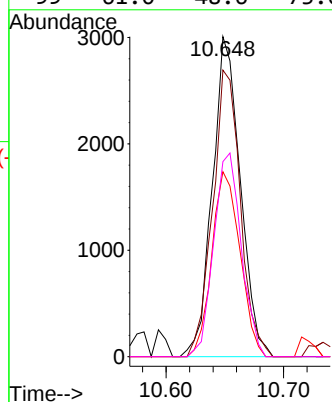
99 61.0 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#56

Ethyl methacrylate

Concen: 4.389 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

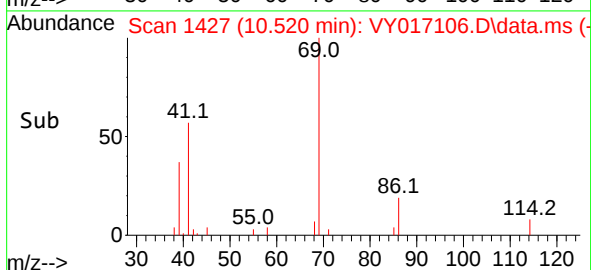
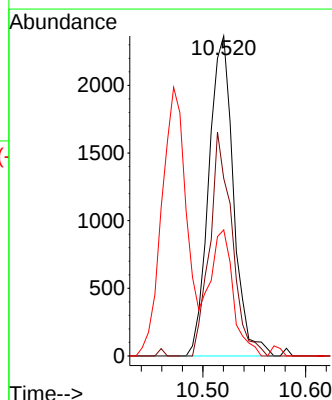
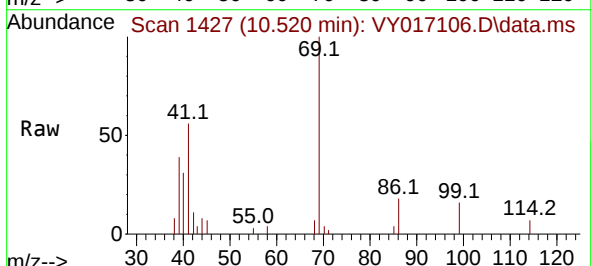
Tgt Ion: 69 Resp: 3938

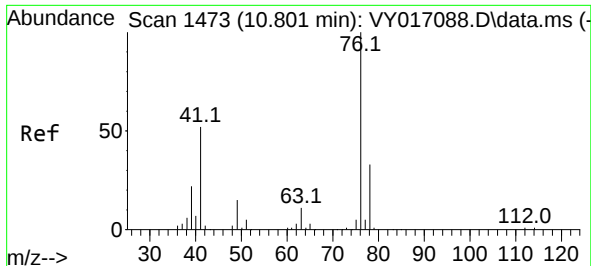
Ion Ratio Lower Upper

69 100

41 63.5 49.2 73.8

39 37.8 26.8 40.2





#57

1,3-Dichloropropane

Concen: 4.903 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.005 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 76 Resp: 850

Ion Ratio Lower Upper

76 100

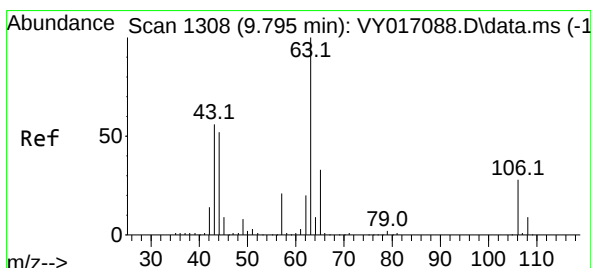
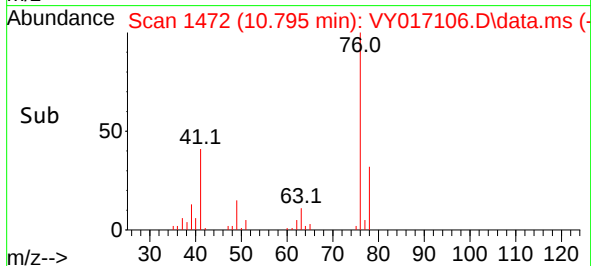
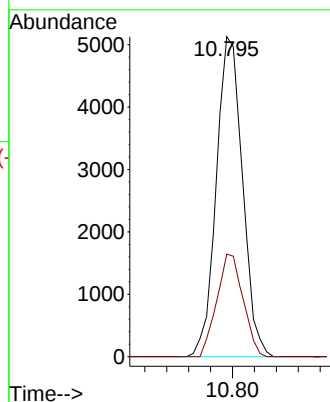
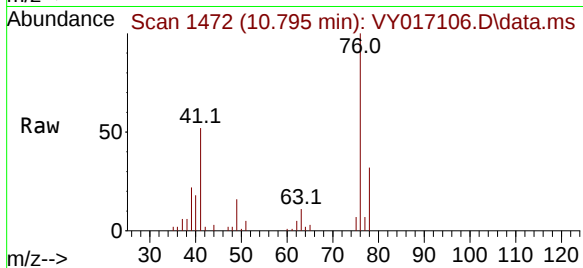
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#58

2-Chloroethyl Vinyl ether

Concen: 21.580 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VY017106.D

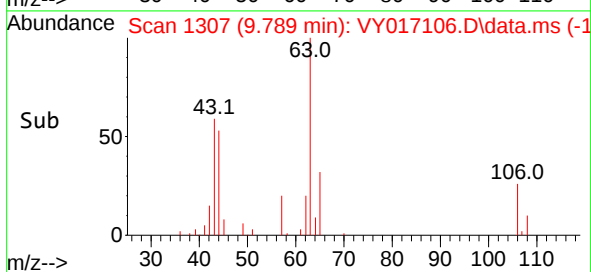
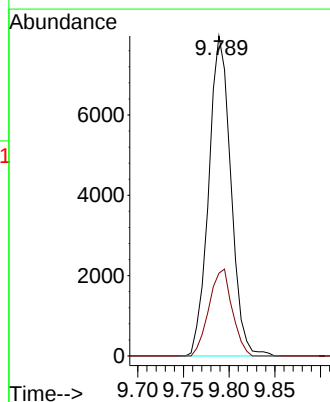
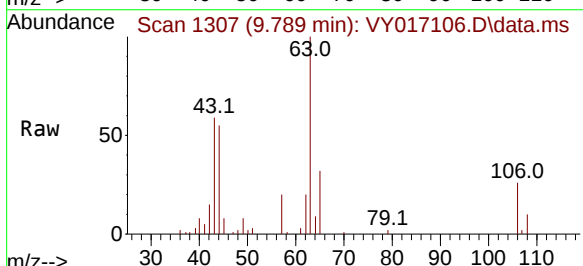
Acq: 25 Jan 2024 15:58

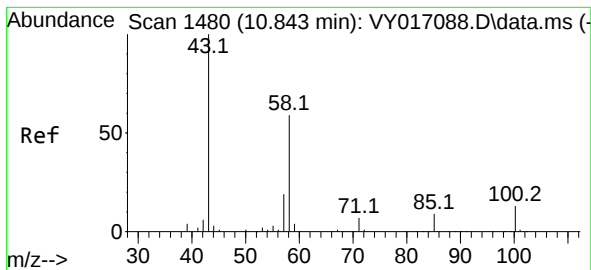
Tgt Ion: 63 Resp: 13440

Ion Ratio Lower Upper

63 100

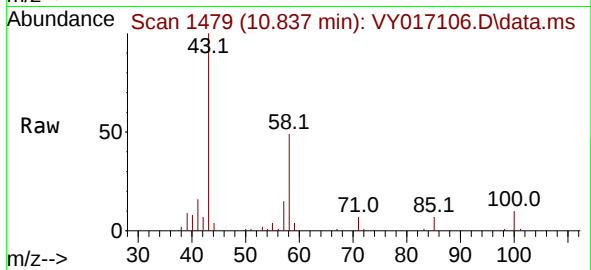
106 28.3 22.4 33.6





#59  
2-Hexanone  
Concen: 24.509 ug/l  
RT: 10.837 min Scan# 1480  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

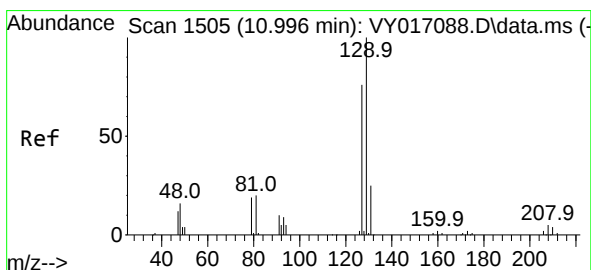
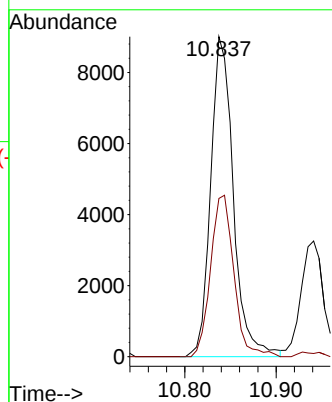
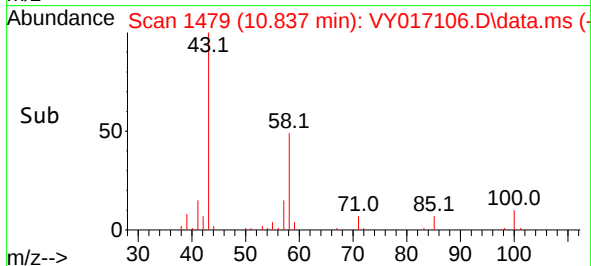
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 1548  
Ion Ratio Lower Upper  
43 100  
58 51.9 28.1 84.3

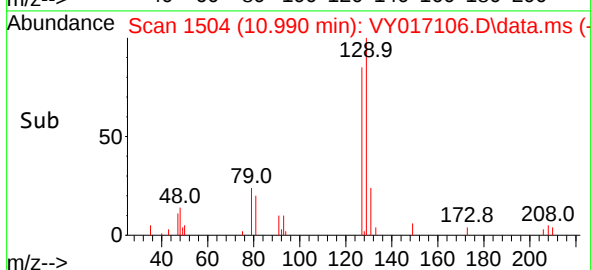
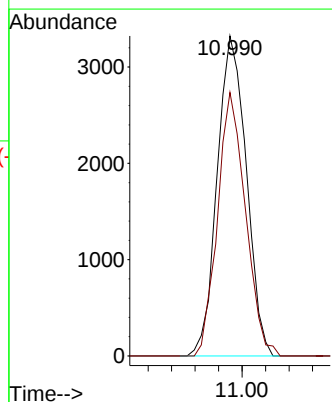
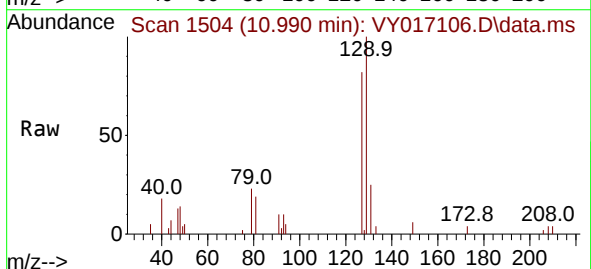
Manual Integrations  
APPROVED

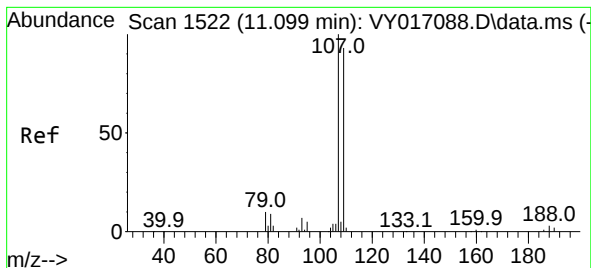
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#60  
Dibromochloromethane  
Concen: 4.793 ug/l  
RT: 10.990 min Scan# 1504  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion:129 Resp: 5713  
Ion Ratio Lower Upper  
129 100  
127 79.0 39.2 117.6





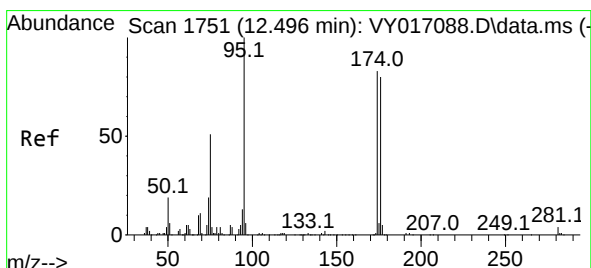
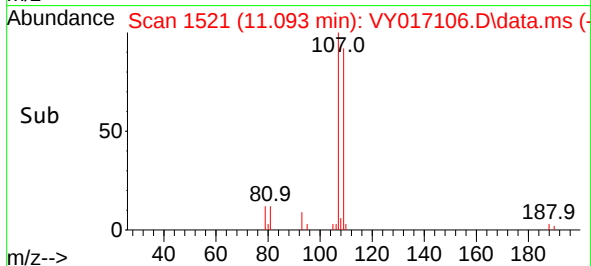
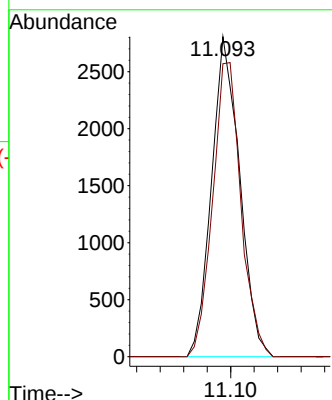
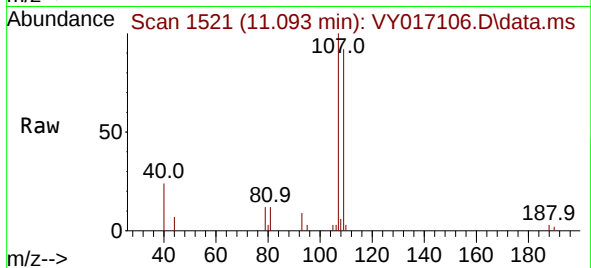
#61  
1,2-Dibromoethane  
Concen: 5.001 ug/l  
RT: 11.093 min Scan# 1107  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion:107 Resp: 466  
Ion Ratio Lower Upper  
107 100  
109 92.6 75.4 113.2

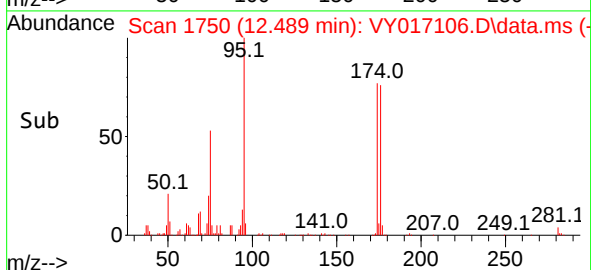
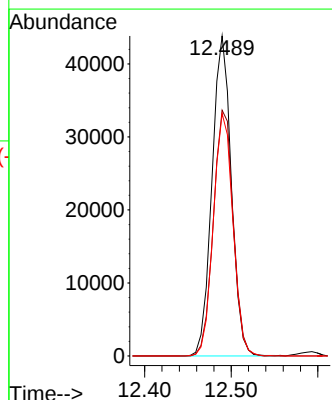
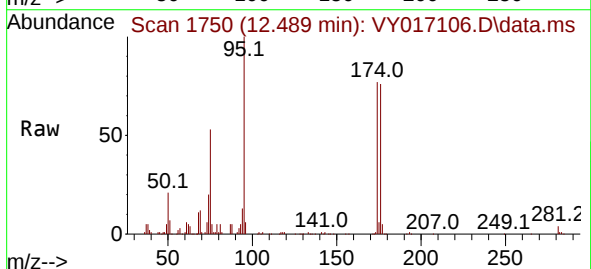
Manual Integrations  
APPROVED

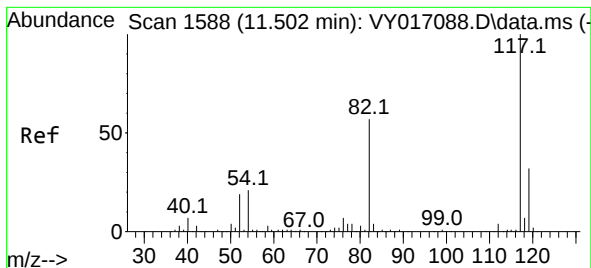
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#62  
4-Bromofluorobenzene  
Concen: 49.354 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 95 Resp: 67681  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 160.0  
176 77.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

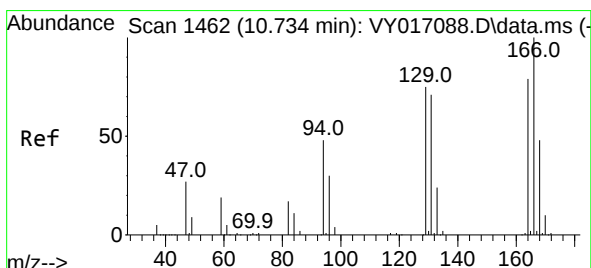
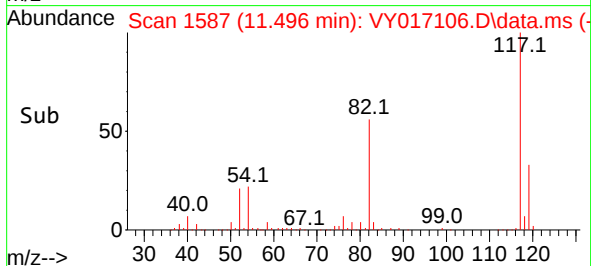
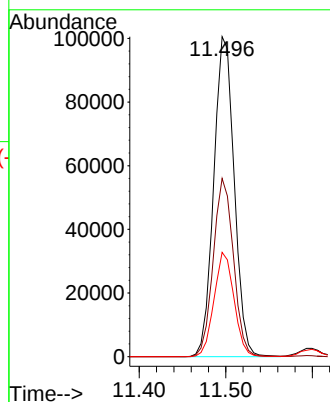
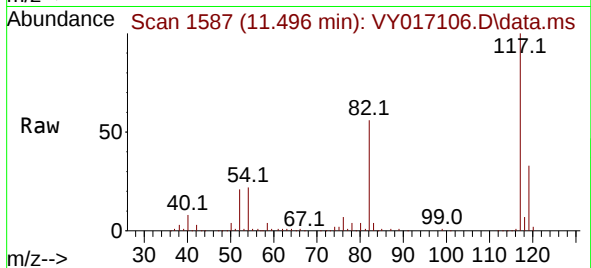
Tgt Ion:117 Resp: 16545

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 55.7  | 43.8  | 65.8  |
| 119 | 32.6  | 26.5  | 39.7  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#64

Tetrachloroethene

Concen: 5.142 ug/l

RT: 10.728 min Scan# 1461

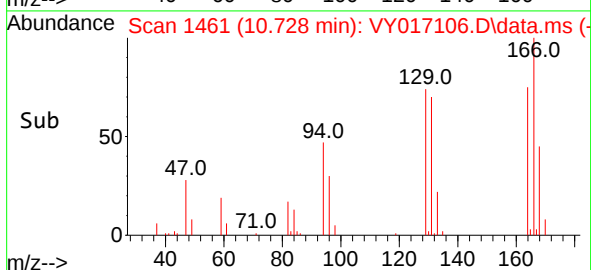
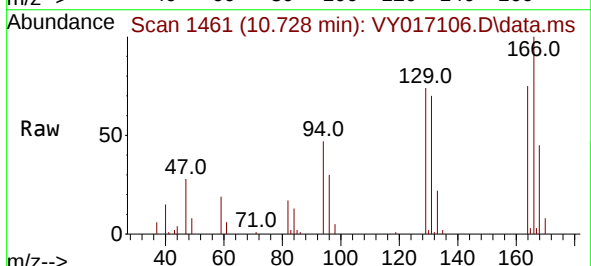
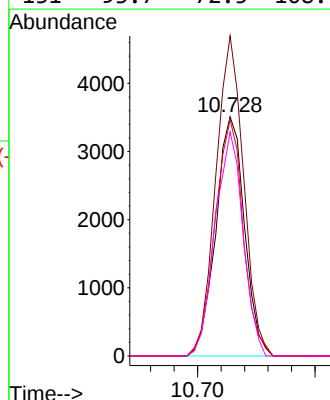
Delta R.T. 0.001 min

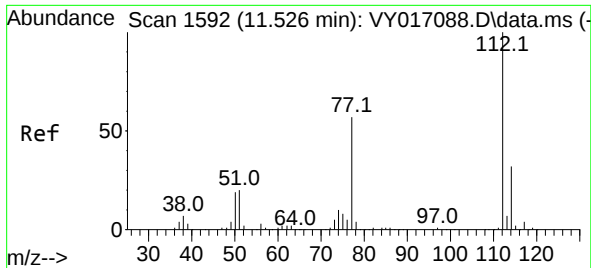
Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Tgt Ion:164 Resp: 5930

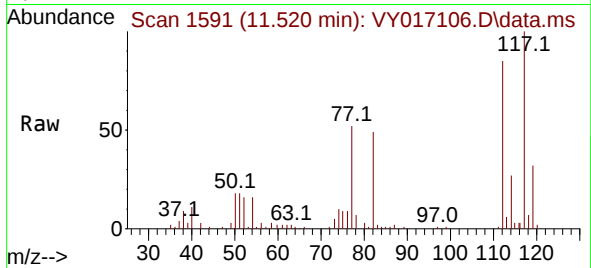
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 133.8 | 98.8  | 148.2 |
| 129 | 98.7  | 78.9  | 118.3 |
| 131 | 93.7  | 72.5  | 108.7 |





#65  
Chlorobenzene  
Concen: 5.060 ug/l  
RT: 11.520 min Scan# 11591  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

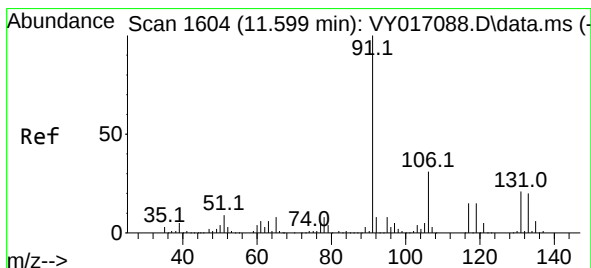
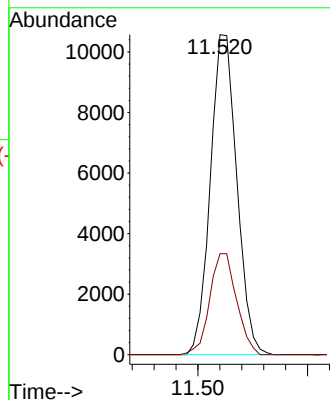
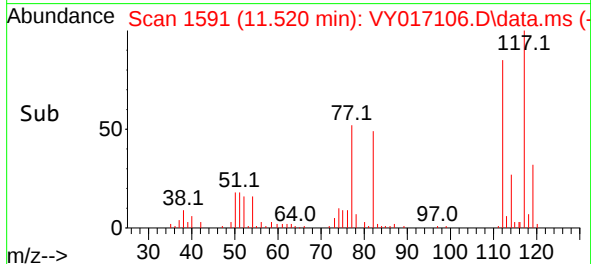
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion:112 Resp: 1774  
Ion Ratio Lower Upper  
112 100  
114 31.6 26.1 39.1

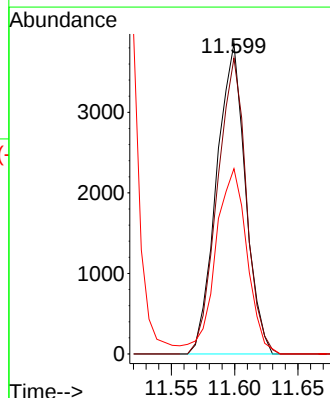
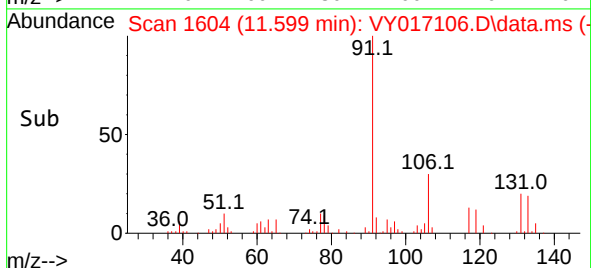
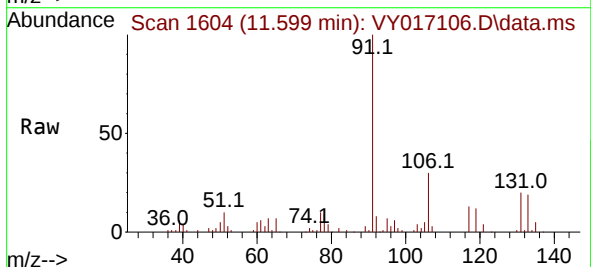
Manual Integrations  
APPROVED

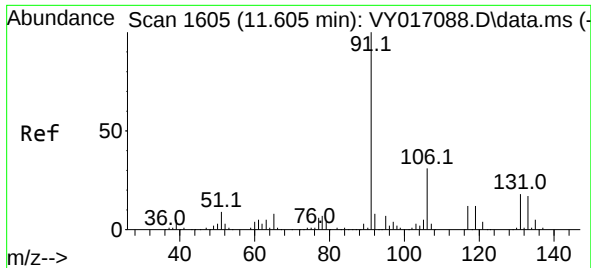
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.774 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion:131 Resp: 6114  
Ion Ratio Lower Upper  
131 100  
133 95.7 47.0 141.0  
119 65.0 33.3 99.9





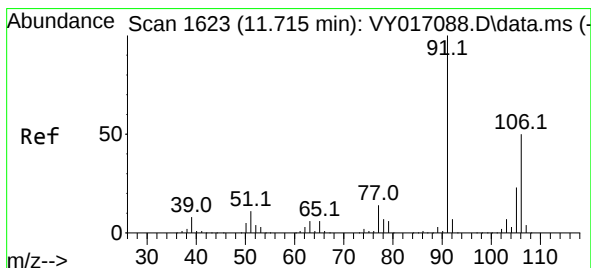
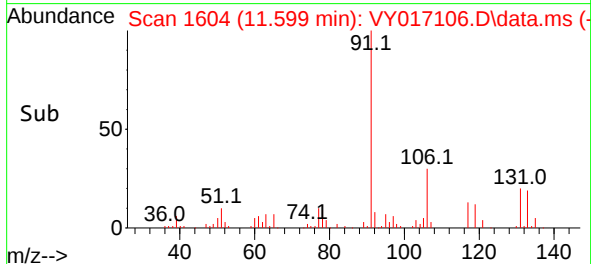
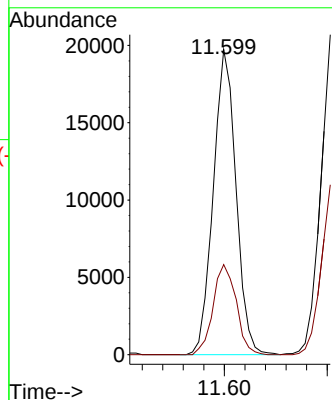
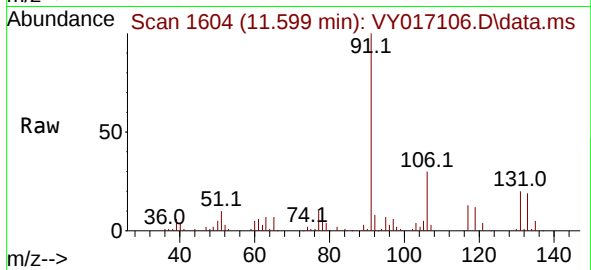
#67  
Ethyl Benzene  
Concen: 4.743 ug/l  
RT: 11.599 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 30235  
Ion Ratio Lower Upper  
91 100  
106 29.5 25.0 37.4

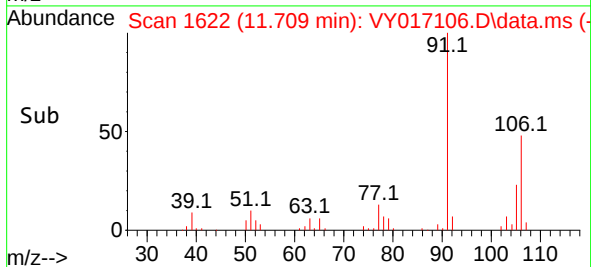
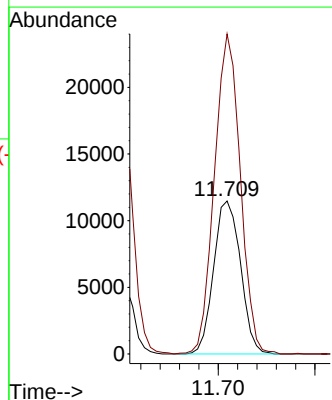
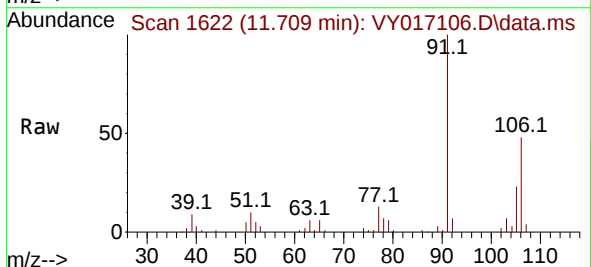
Manual Integrations  
APPROVED

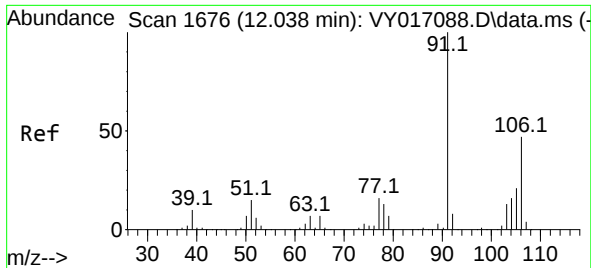
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#68  
m/p-Xylenes  
Concen: 9.237 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion:106 Resp: 22122  
Ion Ratio Lower Upper  
106 100  
91 201.5 160.7 241.1





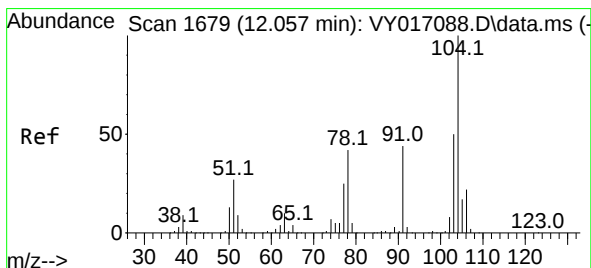
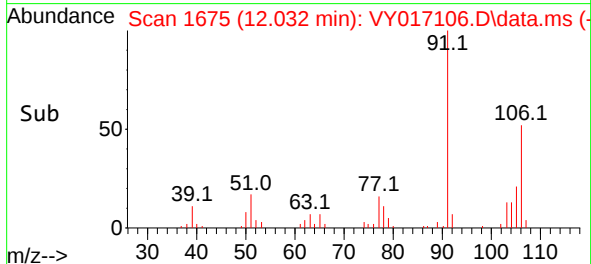
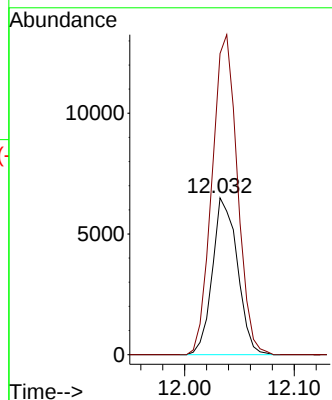
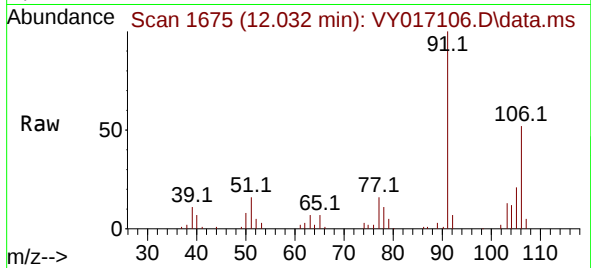
#69  
o-Xylene  
Concen: 4.720 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion:106 Resp: 1026  
Ion Ratio Lower Upper  
106 100  
91 207.6 106.5 319.5

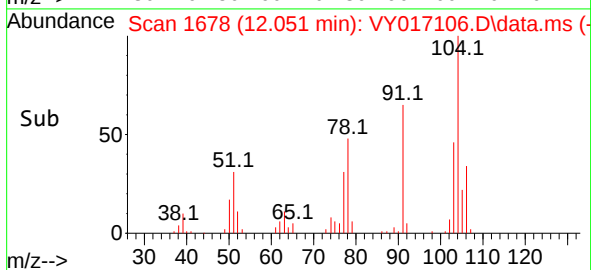
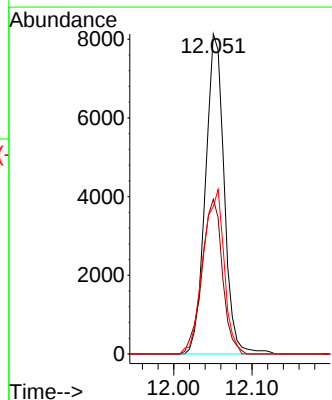
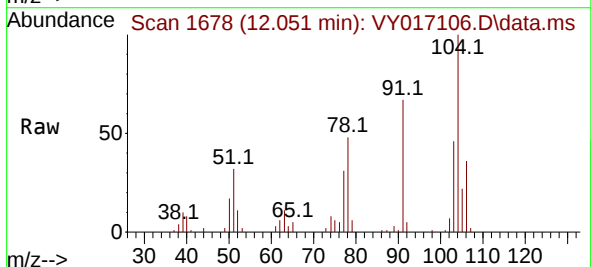
Manual Integrations  
APPROVED

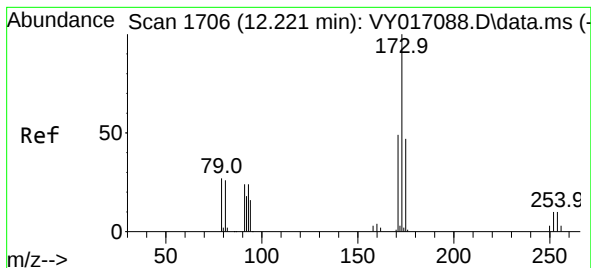
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#70  
Styrene  
Concen: 4.266 ug/l  
RT: 12.051 min Scan# 1678  
Delta R.T. 0.001 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion:104 Resp: 13473  
Ion Ratio Lower Upper  
104 100  
78 52.7 39.2 58.8  
103 57.7 43.8 65.6





#71

Bromoform

Concen: 4.908 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

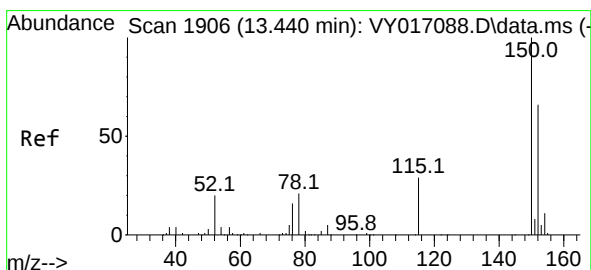
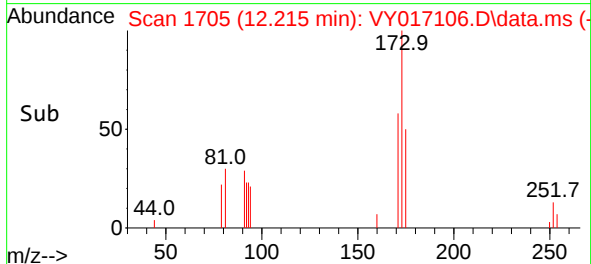
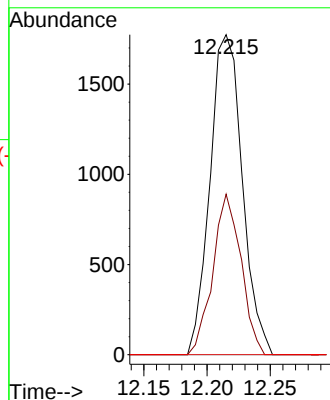
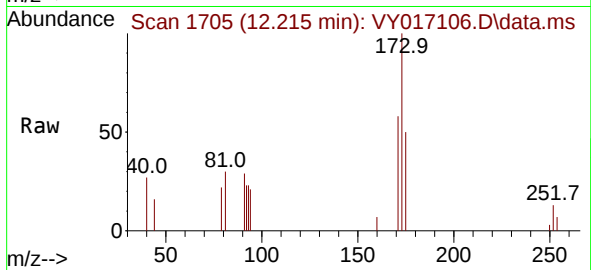
LOQ-SOIL-02-QT1-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 315  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 43.8  | 23.5  | 70.6 |
| 254       | 0.0   | 0.0   | 0.0  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

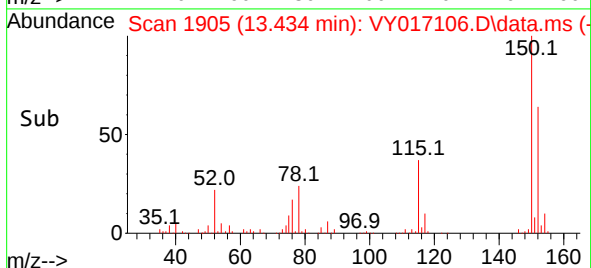
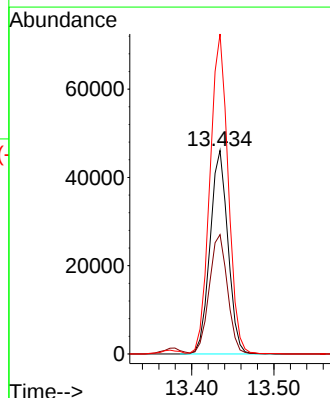
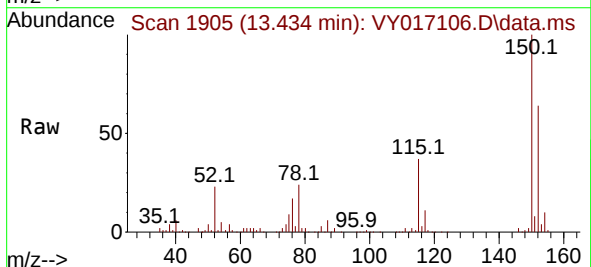
RT: 13.434 min Scan# 1905

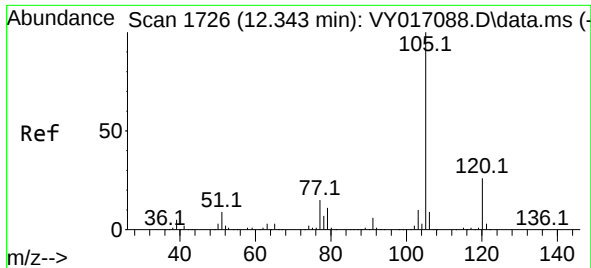
Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 69673 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 59.9  | 30.0  | 90.0  |
| 150       | 160.4 | 0.0   | 344.6 |





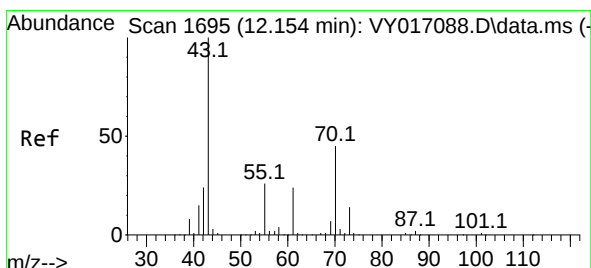
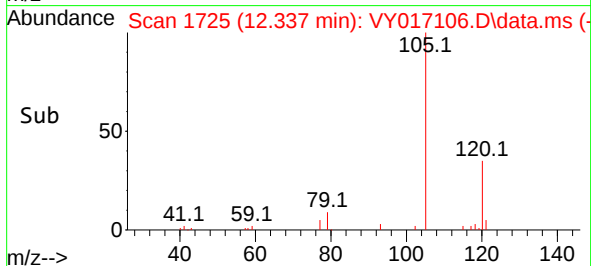
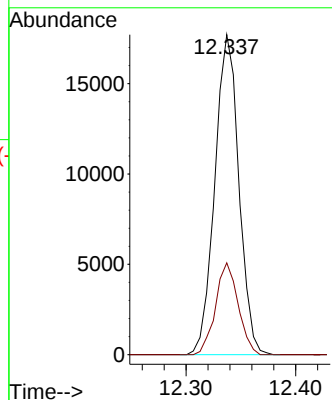
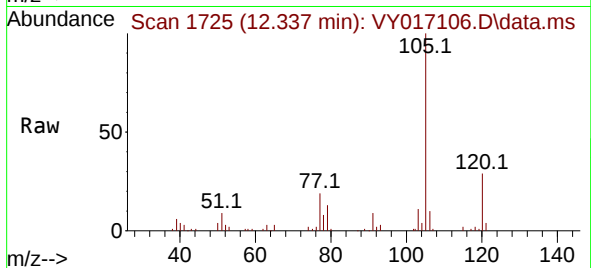
#73  
Isopropylbenzene  
Concen: 4.716 ug/l  
RT: 12.337 min Scan# 1725  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Instrument : MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024

Tgt Ion:105 Resp: 27014  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.0 39.0

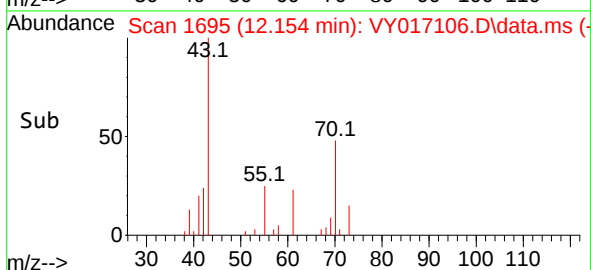
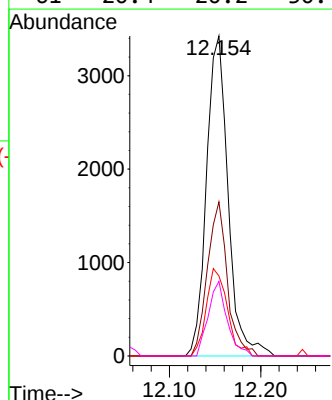
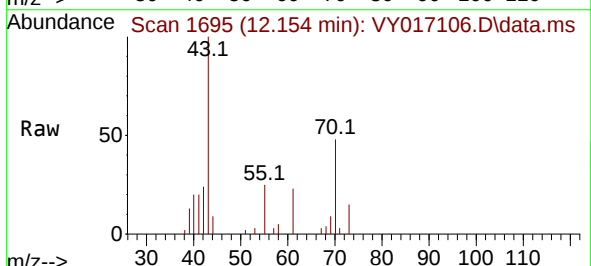
Manual Integrations  
APPROVED

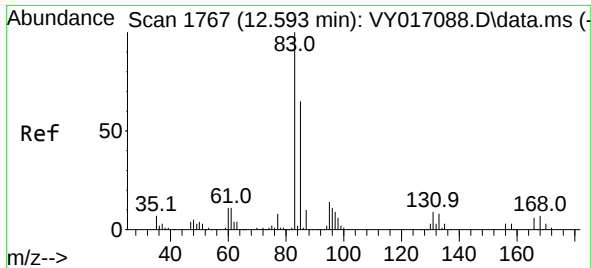
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#74  
N-ethyl acetate  
Concen: 4.864 ug/l  
RT: 12.154 min Scan# 1695  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

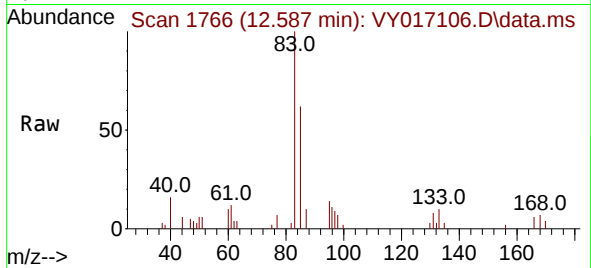
Tgt Ion: 43 Resp: 5615  
Ion Ratio Lower Upper  
43 100  
70 44.6 36.6 55.0  
55 26.7 22.2 33.4  
61 20.4 20.2 30.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.048 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

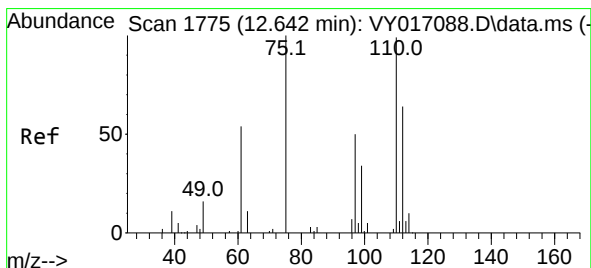
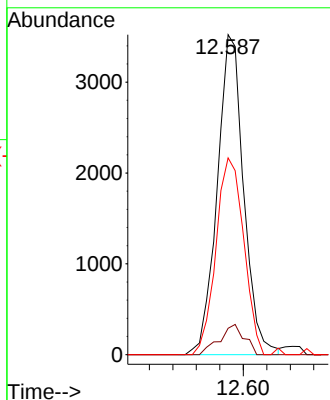
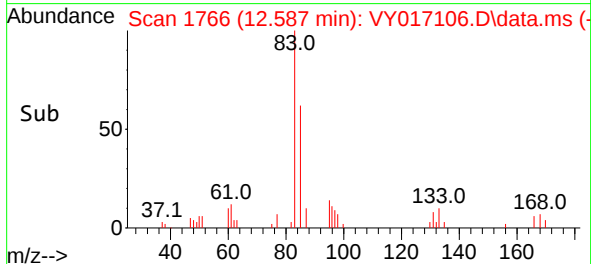
Instrument : MSVOA\_Y  
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 83 Resp: 551  
Ion Ratio Lower Upper  
83 100  
131 8.8 4.9 14.6  
85 64.4 32.6 98.0

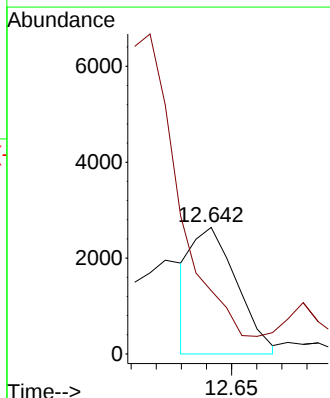
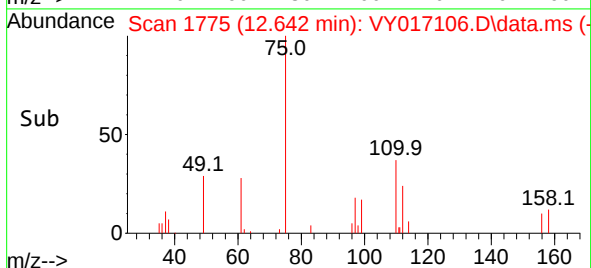
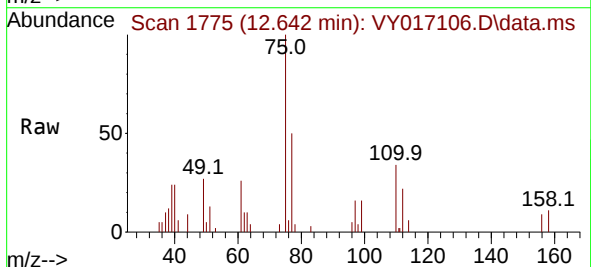
Manual Integrations  
APPROVED

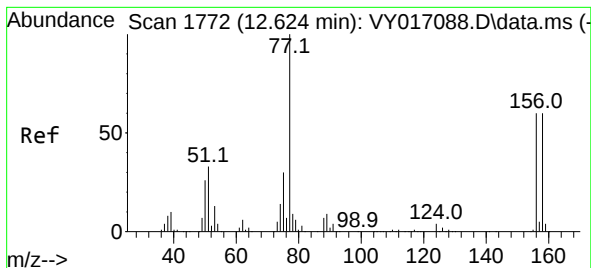
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#76  
1,2,3-Trichloropropane  
Concen: 3.889 ug/l m  
RT: 12.642 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 75 Resp: 3289  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.974 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

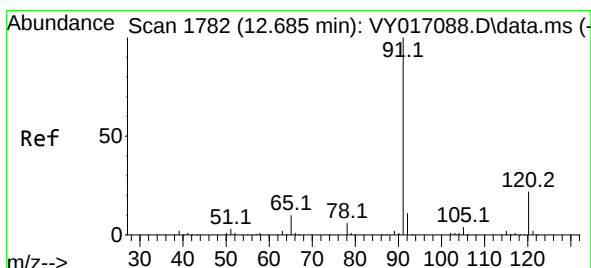
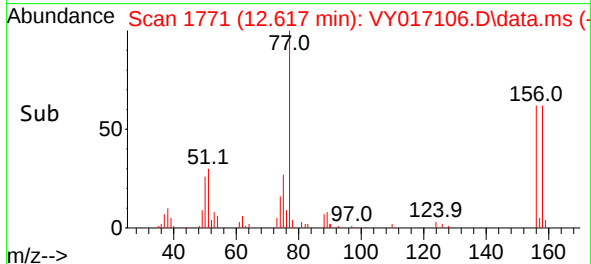
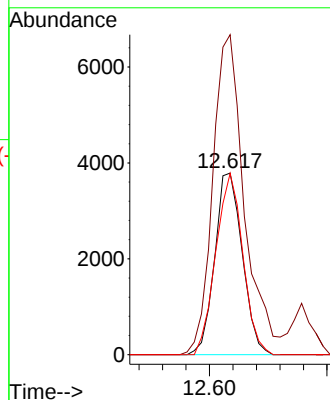
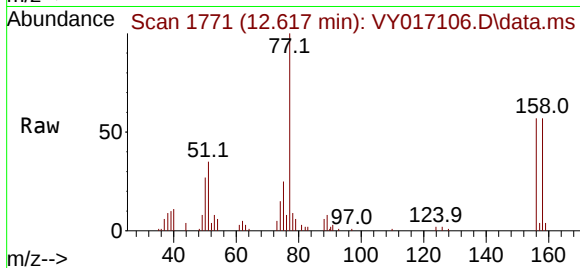
LOQ-SOIL-02-QT1-2024

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 6164  |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 202.2 | 97.3  | 291.8 |
| 158       | 98.2  | 48.4  | 145.0 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#78

n-propylbenzene

Concen: 5.146 ug/l

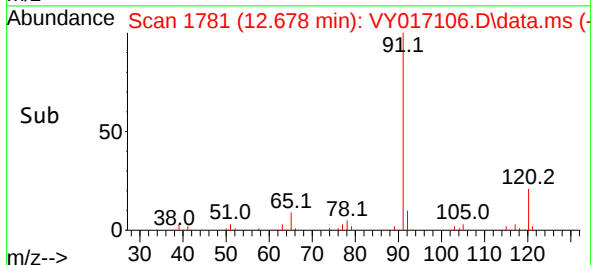
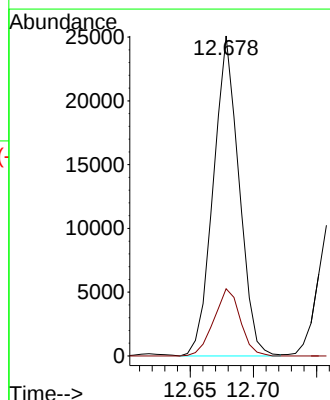
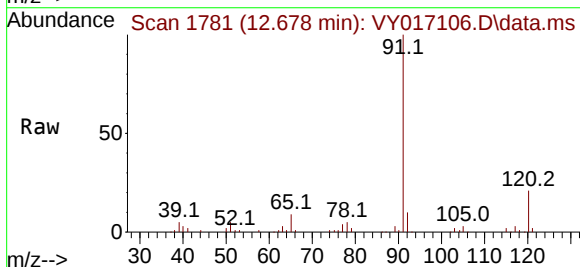
RT: 12.678 min Scan# 1781

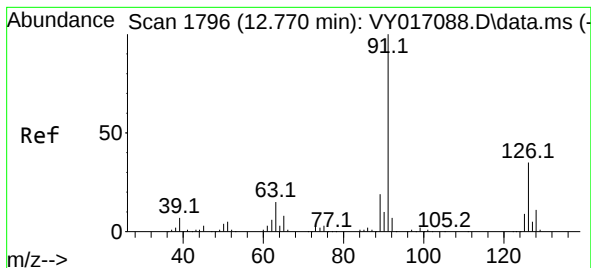
Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 35451 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 21.6  | 11.0  | 33.0  |





#79

2-Chlorotoluene

Concen: 5.154 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.001 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 1948

Ion Ratio Lower Upper

91 100

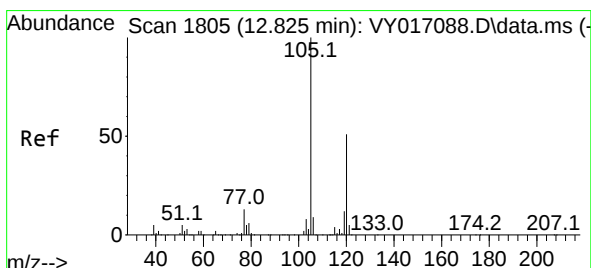
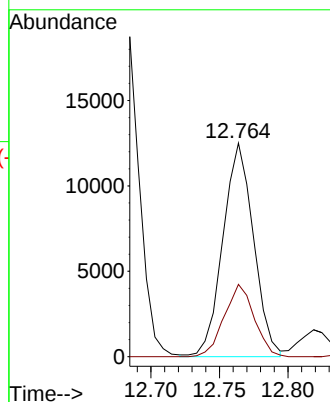
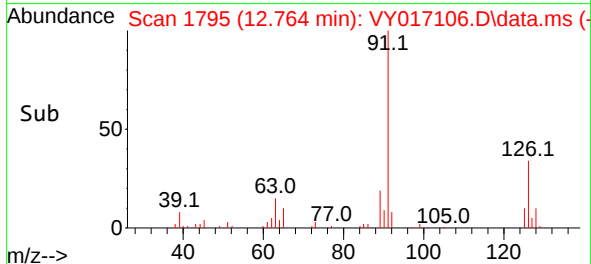
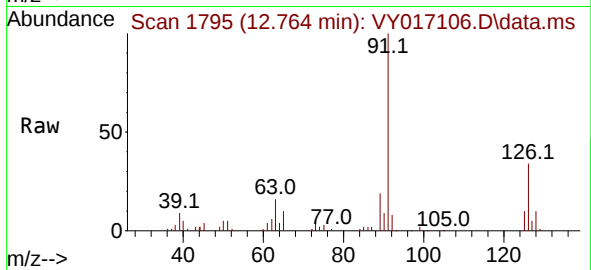
126 33.0 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#80

1,3,5-Trimethylbenzene

Concen: 4.709 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.001 min

Lab File: VY017106.D

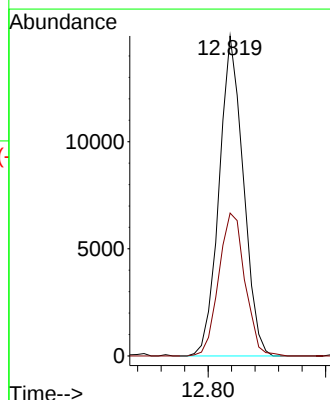
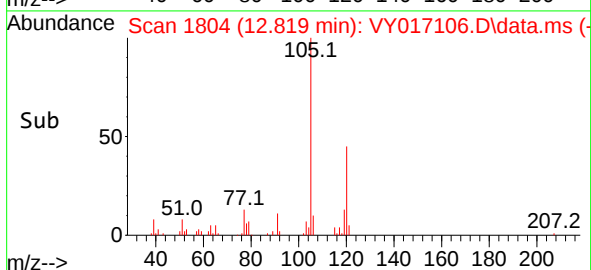
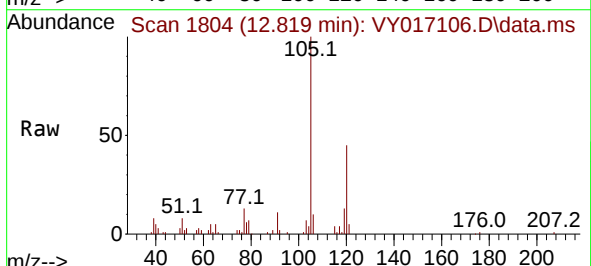
Acq: 25 Jan 2024 15:58

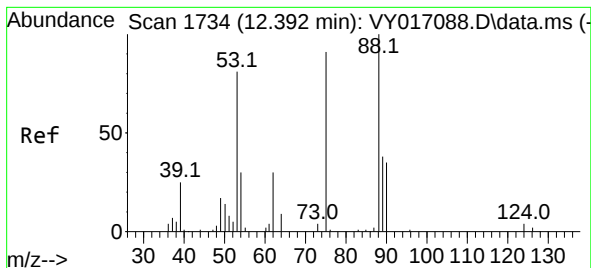
Tgt Ion:105 Resp: 21348

Ion Ratio Lower Upper

105 100

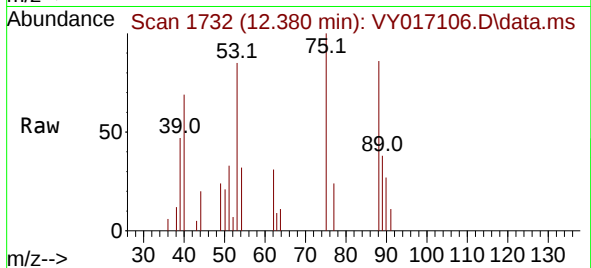
120 48.4 24.3 72.8





#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.656 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

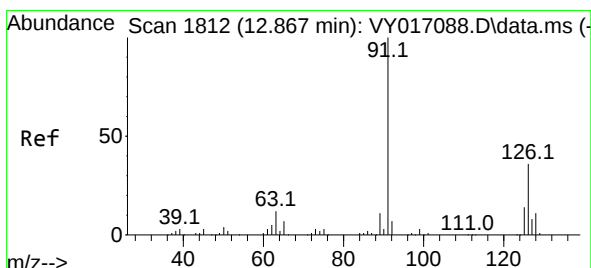
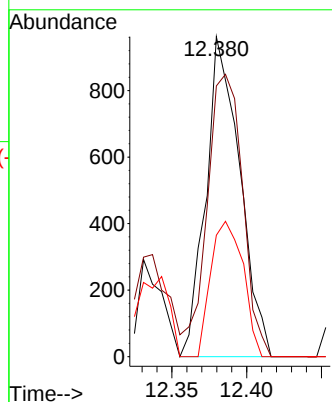
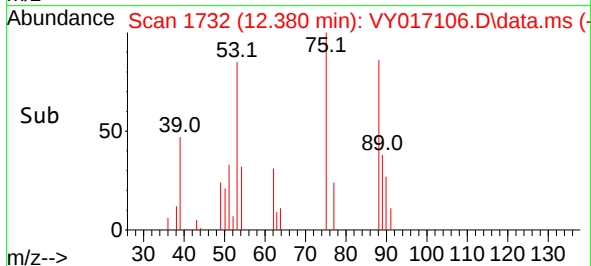
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOQ-SOIL-02-QT1-2024



Tgt Ion: 75 Resp: 152  
Ion Ratio Lower Upper  
75 100  
53 91.8 74.0 111.0  
89 40.1 36.5 54.7

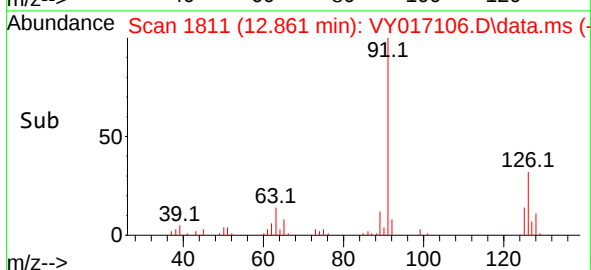
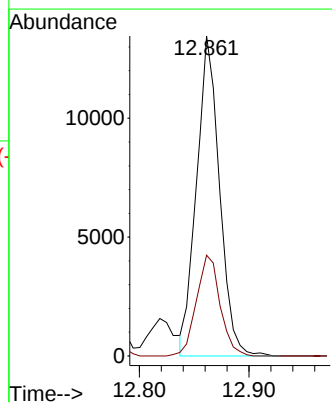
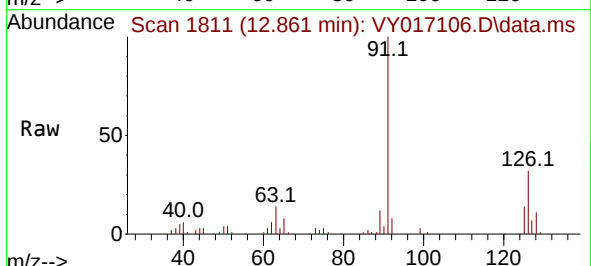
Manual Integrations  
APPROVED

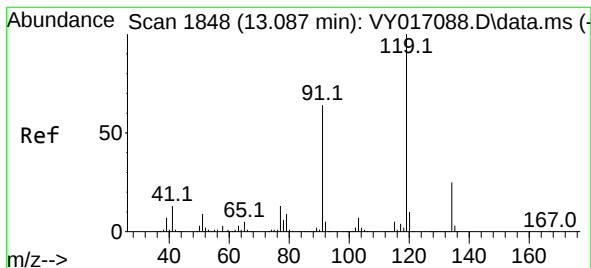
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#82  
4-Chlorotoluene  
Concen: 4.999 ug/l  
RT: 12.861 min Scan# 1811  
Delta R.T. 0.000 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

Tgt Ion: 91 Resp: 19587  
Ion Ratio Lower Upper  
91 100  
126 32.5 17.1 51.2





#83

tert-Butylbenzene

Concen: 4.723 ug/l

RT: 13.081 min Scan# 1848

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

LOQ-SOIL-02-QT1-2024

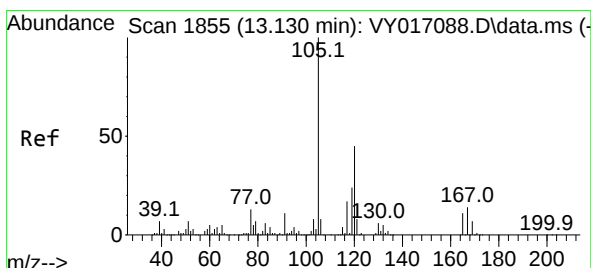
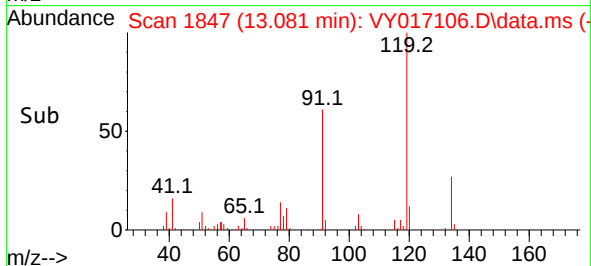
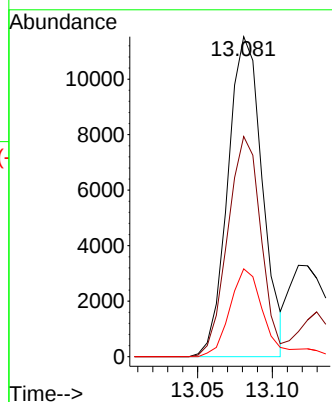
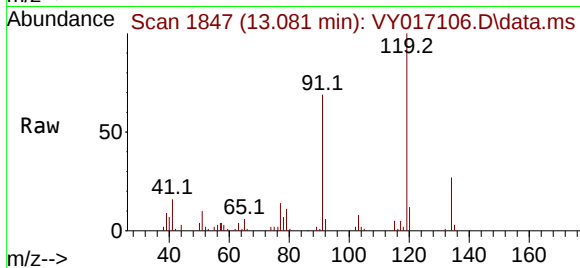
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 18518 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 67.4  | 31.5  | 94.5  |
| 134       | 27.6  | 13.1  | 39.3  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024

Supervised By :Semsettin Yesilyurt 01/29/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.558 ug/l

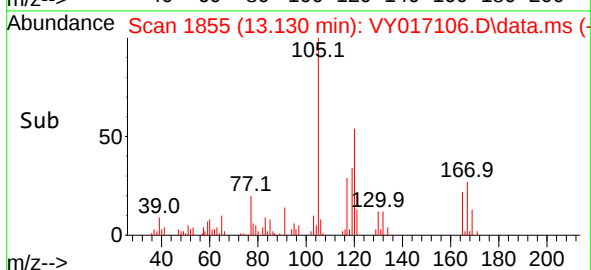
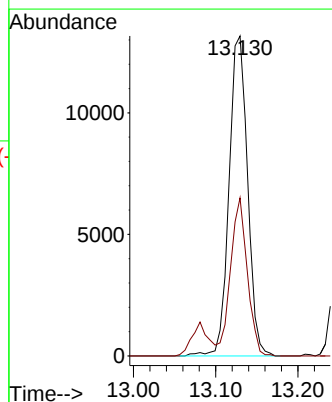
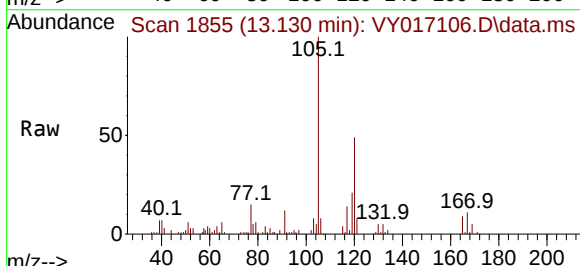
RT: 13.130 min Scan# 1855

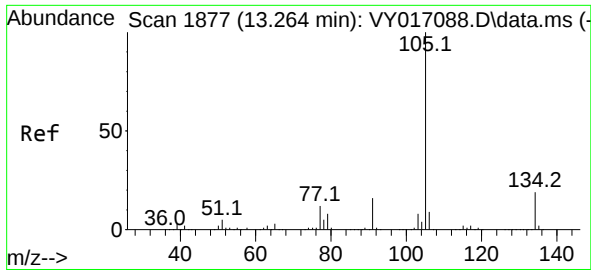
Delta R.T. 0.001 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 20534 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 45.0  | 22.1  | 66.3  |





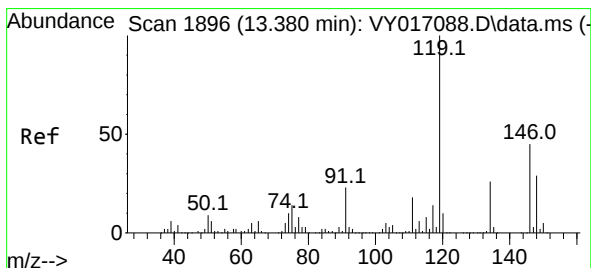
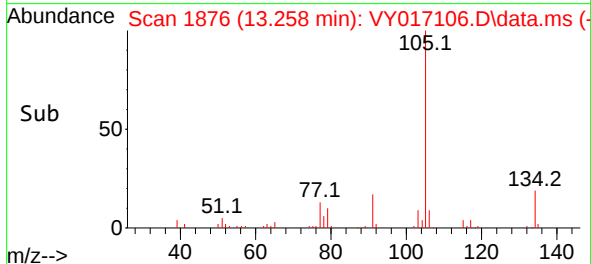
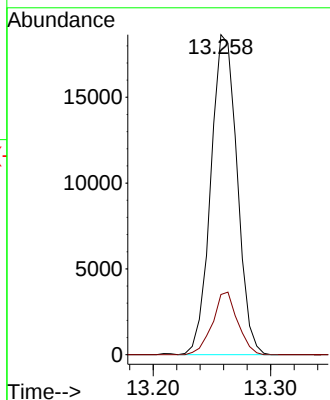
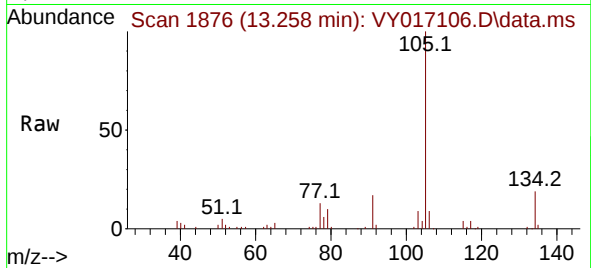
#85  
 sec-Butylbenzene  
 Concen: 4.994 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. -0.005 min  
 Lab File: VY017106.D  
 Acq: 25 Jan 2024 15:58

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOQ-SOIL-02-QT1-2024

Tgt Ion:105 Resp: 28994  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.7 28.9

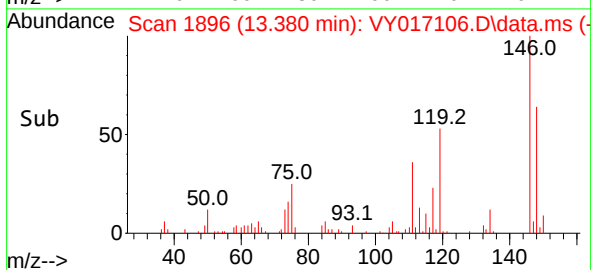
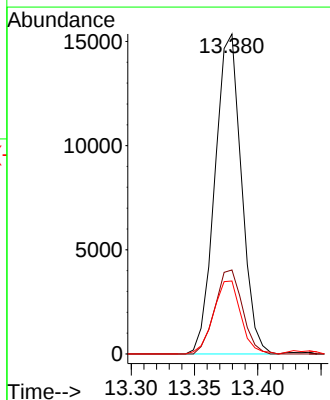
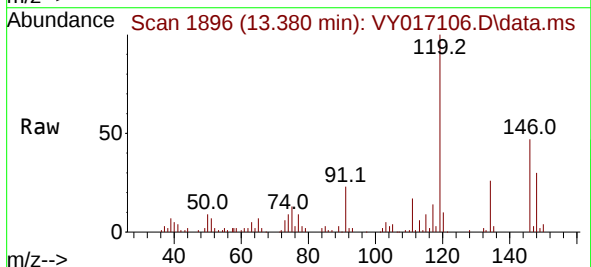
Manual Integrations  
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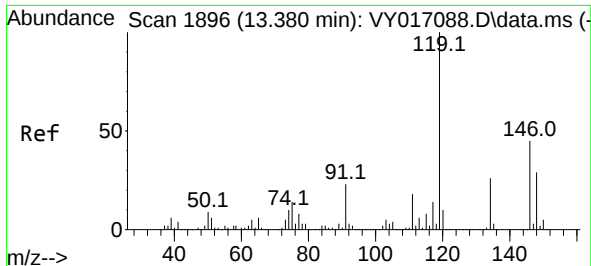
Reviewed By :Mahesh Dadoda 01/29/2024  
 Supervised By :Semsettin Yesilyurt 01/29/2024



#86  
 p-Isopropyltoluene  
 Concen: 4.623 ug/l  
 RT: 13.380 min Scan# 1896  
 Delta R.T. 0.001 min  
 Lab File: VY017106.D  
 Acq: 25 Jan 2024 15:58

Tgt Ion:119 Resp: 22359  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.1 39.1  
 91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 5.102 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

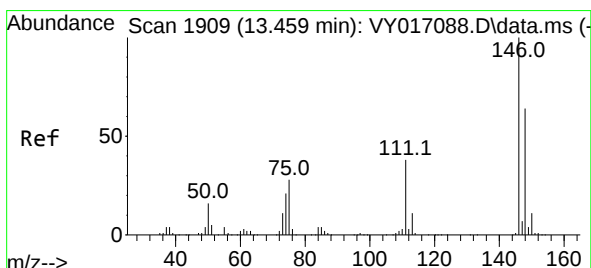
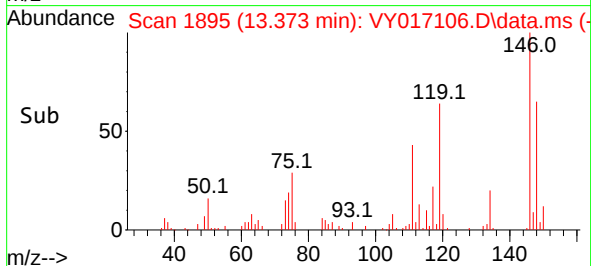
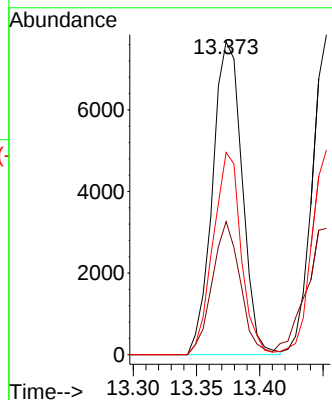
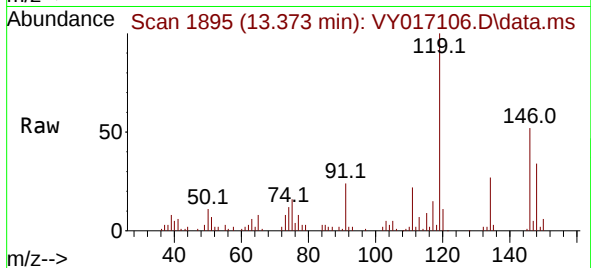
LOQ-SOIL-02-QT1-2024

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 12484     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 40.2  | 20.2 60.5 |
| 148         | 61.1  | 31.9 95.9 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#88

1,4-Dichlorobenzene

Concen: 5.187 ug/l

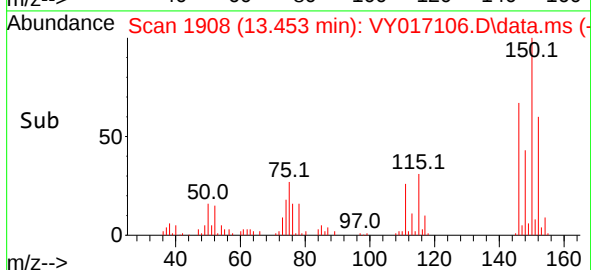
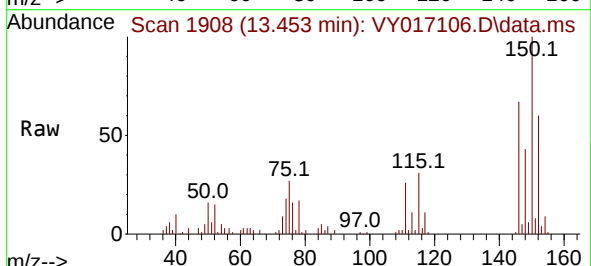
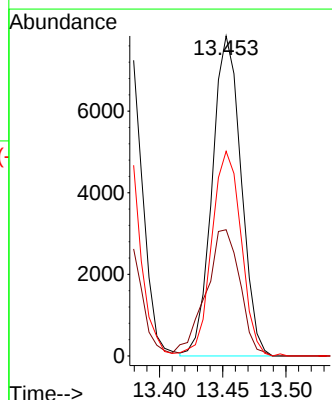
RT: 13.453 min Scan# 1908

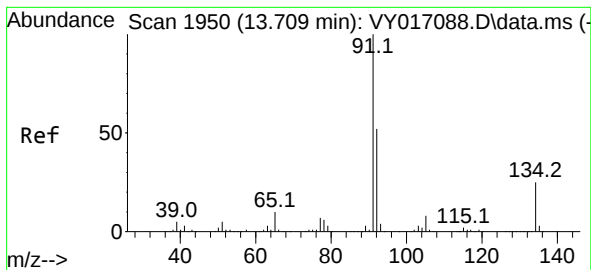
Delta R.T. 0.001 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 12488     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 46.6  | 19.3 57.9 |
| 148         | 65.3  | 31.6 94.7 |





#89

n-Butylbenzene

Concen: 4.818 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. 0.001 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

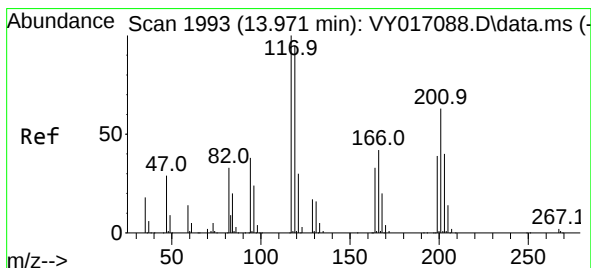
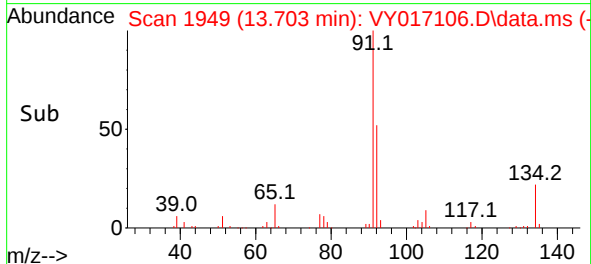
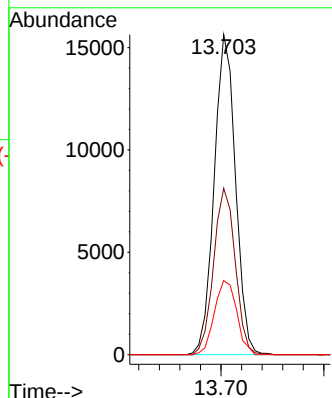
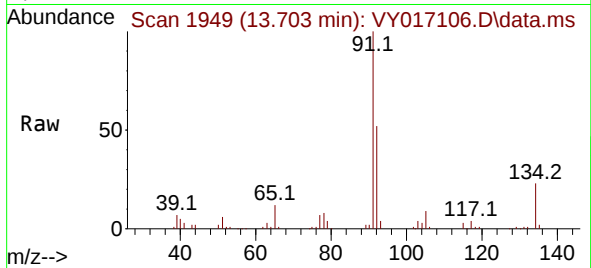
LOQ-SOIL-02-QT1-2024

|             |             |
|-------------|-------------|
| Tgt Ion: 91 | Resp: 22470 |
| Ion Ratio   | Lower Upper |
| 91 100      |             |
| 92 52.8     | 26.4 79.2   |
| 134 24.2    | 12.3 36.8   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#90

Hexachloroethane

Concen: 5.259 ug/l

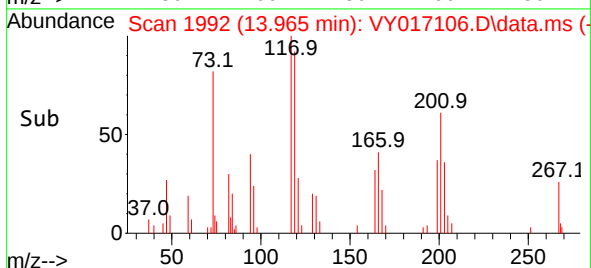
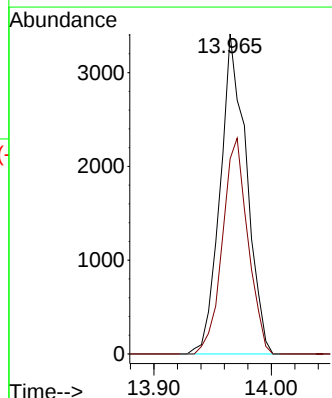
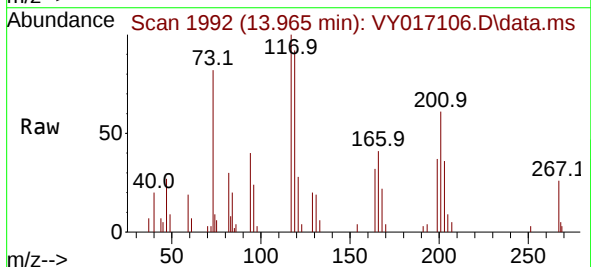
RT: 13.965 min Scan# 1992

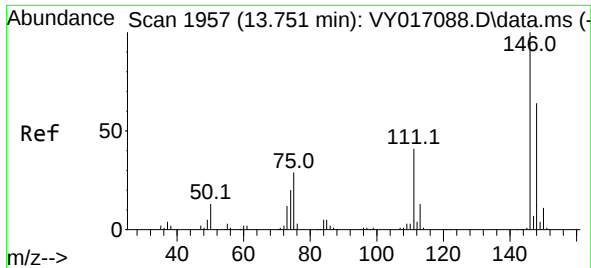
Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

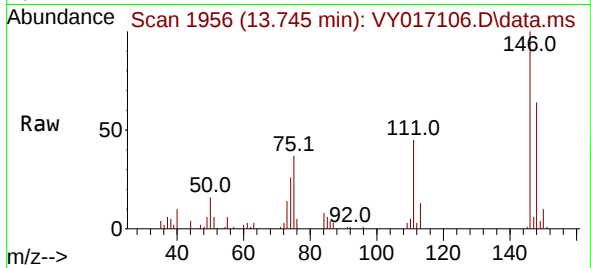
|             |             |
|-------------|-------------|
| Tgt Ion:117 | Resp: 5301  |
| Ion Ratio   | Lower Upper |
| 117 100     |             |
| 201 65.3    | 33.4 100.1  |





#91  
1,2-Dichlorobenzene  
Concen: 4.924 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

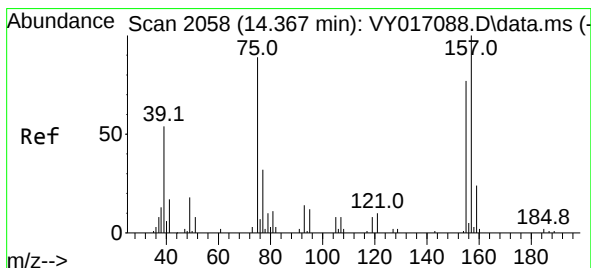
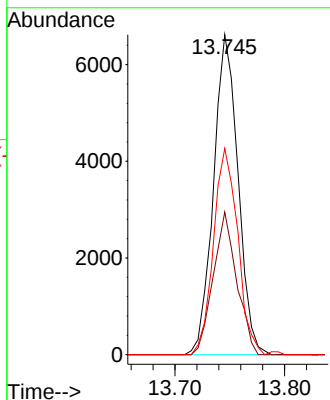
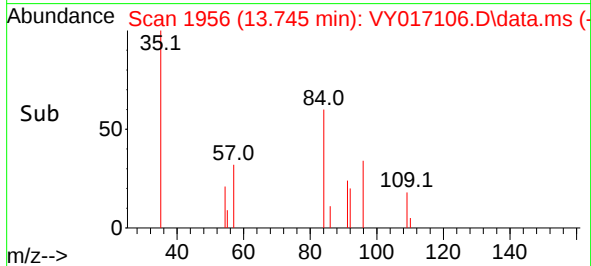
Instrument : MSVOA\_Y  
ClientSampleId : LOQ-SOIL-02-QT1-2024



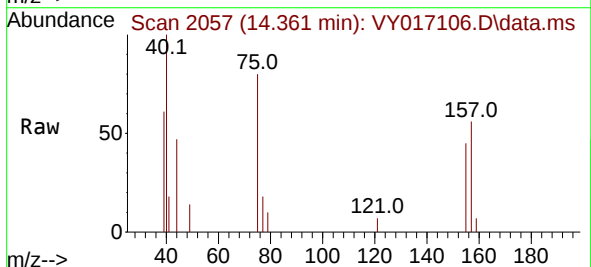
Tgt Ion:146 Resp: 10290  
Ion Ratio Lower Upper  
146 100  
111 42.7 20.5 61.6  
148 64.1 31.4 94.3

Manual Integrations  
APPROVED

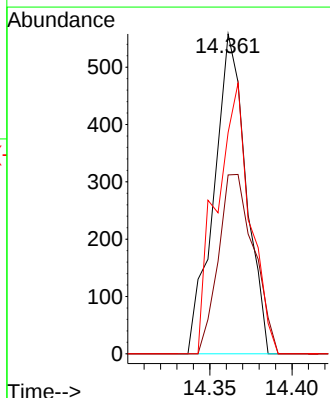
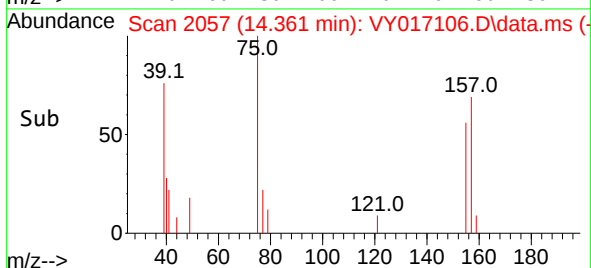
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024

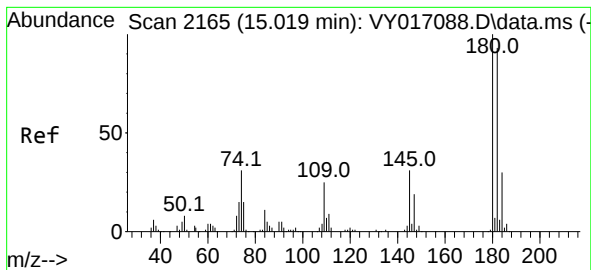


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.441 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58



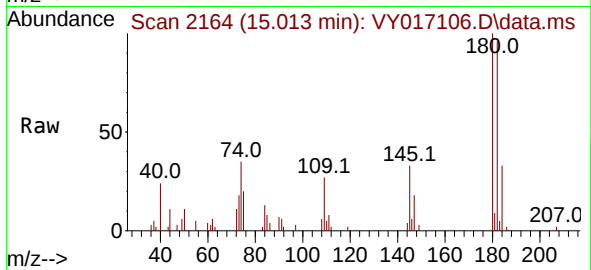
Tgt Ion: 75 Resp: 759  
Ion Ratio Lower Upper  
75 100  
155 61.8 42.1 126.3  
157 88.9 55.8 167.4





#93  
1,2,4-Trichlorobenzene  
Concen: 4.779 ug/l  
RT: 15.013 min Scan# 2165  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58

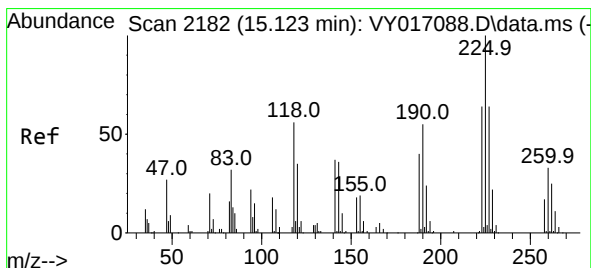
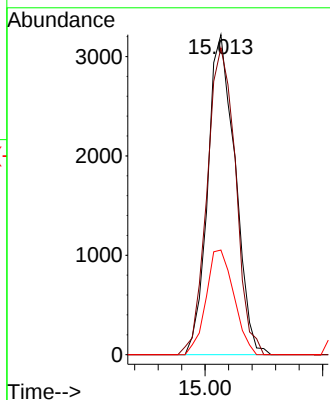
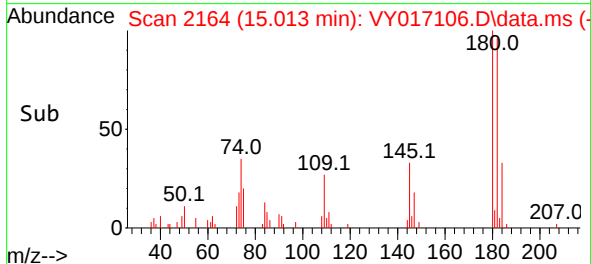
Instrument : MSVOA\_Y  
ClientSampleId : LOQ-SOIL-02-QT1-2024



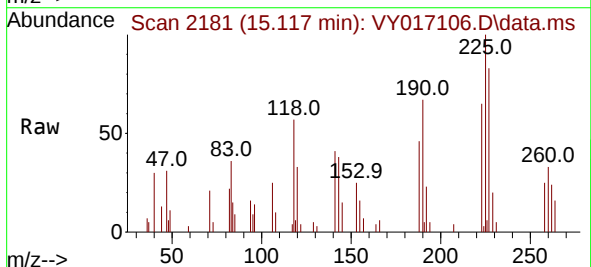
Tgt Ion:180 Resp: 5219  
Ion Ratio Lower Upper  
180 100  
182 99.5 47.9 143.7  
145 33.2 15.9 47.7

Manual Integrations  
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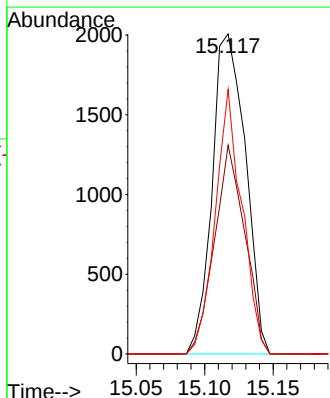
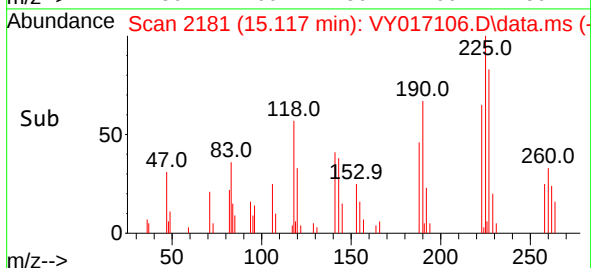
Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024

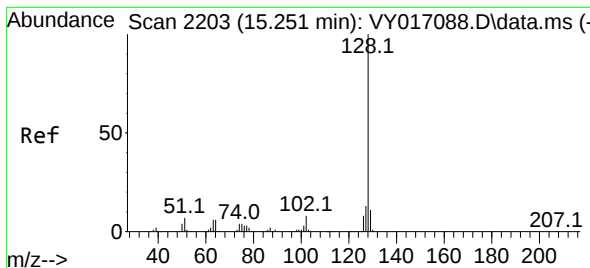


#94  
Hexachlorobutadiene  
Concen: 5.169 ug/l  
RT: 15.117 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: VY017106.D  
Acq: 25 Jan 2024 15:58



Tgt Ion:225 Resp: 3397  
Ion Ratio Lower Upper  
225 100  
223 59.6 31.4 94.3  
227 66.3 32.3 96.8





#95

Naphthalene

Concen: 4.595 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

Instrument :

MSVOA\_Y

ClientSampleId :

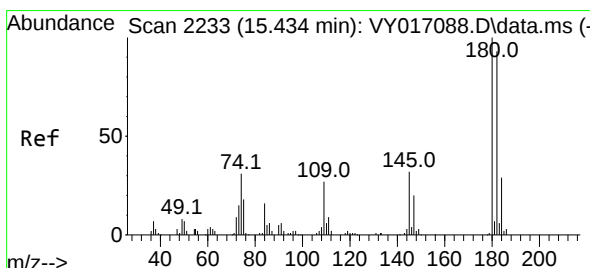
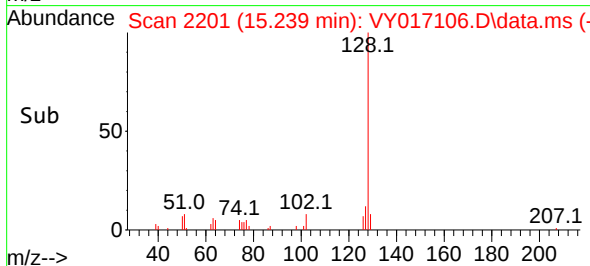
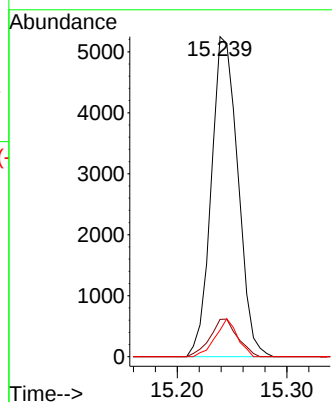
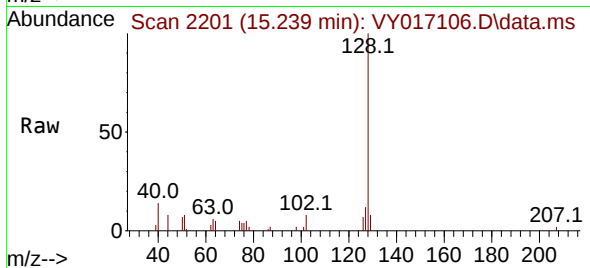
LOQ-SOIL-02-QT1-2024

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 886  |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 127       | 12.1  | 10.2  | 15.4 |
| 129       | 9.7   | 8.6   | 12.8 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/29/2024  
Supervised By :Semsettin Yesilyurt 01/29/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.115 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017106.D

Acq: 25 Jan 2024 15:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 4647  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.1  | 46.3  | 138.8 |
| 145       | 33.0  | 16.1  | 48.2  |

