

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062422\  
 Data File : VD073688.D  
 Acq On : 24 Jun 2022 15:28  
 Operator : VA/SY  
 Sample : N3214-02 5.0PPB  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 25 08:52:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062322S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 08:51:58 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.973          | 168  | 237329              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.855          | 114  | 396276              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638         | 117  | 377891              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561         | 152  | 196155              | 50.000 | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.320          | 65   | 148367              | 50.899 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 101.800% |        |        |          |
| 35) Dibromofluoromethane     | 7.908          | 113  | 157632              | 51.063 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 102.120% |        |        |          |
| 50) Toluene-d8               | 10.332         | 98   | 541392              | 48.845 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 97.680%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.620         | 95   | 216325              | 52.037 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 104.080% |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 14400               | 6.007  | ug/l   | 93       |
| 3) Chloromethane             | 2.209          | 50   | 12179               | 5.621  | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.344          | 62   | 11651               | 5.450  | ug/l # | 87       |
| 5) Bromomethane              | 2.756          | 94   | 8708                | 5.293  | ug/l # | 78       |
| 6) Chloroethane              | 2.915          | 64   | 8651                | 6.008  | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 3.268          | 101  | 28353               | 5.670  | ug/l   | 94       |
| 8) Diethyl Ether             | 3.715          | 74   | 7783                | 6.070  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 17391               | 6.064  | ug/l   | 97       |
| 10) Methyl Iodide            | 4.291          | 142  | 11925               | 4.368  | ug/l # | 96       |
| 11) Tert butyl alcohol       | 5.185          | 59   | 32655               | 50.383 | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 4.062          | 96   | 13202               | 5.413  | ug/l   | 98       |
| 13) Acrolein                 | 3.926          | 56   | 1063                | 21.581 | ug/l   | 99       |
| 14) Allyl chloride           | 4.703          | 41   | 20388               | 5.670  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.420          | 53   | 17469               | 28.463 | ug/l   | 99       |
| 16) Acetone                  | 4.156          | 43   | 16242               | 31.546 | ug/l # | 85       |
| 17) Carbon Disulfide         | 4.403          | 76   | 32680               | 5.311  | ug/l # | 94       |
| 18) Methyl Acetate           | 4.709          | 43   | 15127m              | 9.526  | ug/l   |          |
| 19) Methyl tert-butyl Ether  | 5.473          | 73   | 33369               | 5.254  | ug/l   | 99       |
| 20) Methylene Chloride       | 4.950          | 84   | 30292               | 8.090  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.473          | 96   | 16110               | 5.552  | ug/l   | 95       |
| 22) Diisopropyl ether        | 6.362          | 45   | 43654               | 5.408  | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.297          | 43   | 90497               | 21.383 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.256          | 63   | 31636               | 5.884  | ug/l   | 97       |
| 25) 2-Butanone               | 7.209          | 43   | 23428               | 31.893 | ug/l # | 89       |
| 26) 2,2-Dichloropropane      | 7.209          | 77   | 29535               | 5.832  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.203          | 96   | 19998               | 5.861  | ug/l   | 93       |
| 28) Bromochloromethane       | 7.532          | 49   | 12862               | 6.778  | ug/l   | 94       |
| 29) Tetrahydrofuran          | 7.561          | 42   | 12533               | 28.065 | ug/l   | 94       |
| 30) Chloroform               | 7.703          | 83   | 34468               | 5.696  | ug/l   | 93       |
| 31) Cyclohexane              | 7.973          | 56   | 26578               | 6.078  | ug/l # | 86       |
| 32) 1,1,1-Trichloroethane    | 7.897          | 97   | 28908               | 5.318  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108          | 75   | 22702               | 5.239  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.291          | 43   | 10225               | 6.012  | ug/l # | 96       |
| 38) Carbon Tetrachloride     | 8.085          | 117  | 26370               | 5.226  | ug/l   | 92       |
| 39) Methylcyclohexane        | 9.344          | 83   | 24369               | 5.065  | ug/l   | 91       |
| 40) Benzene                  | 8.344          | 78   | 68941               | 5.496  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062422\  
 Data File : VD073688.D  
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 Operator : VA/SY  
 Sample : N3214-02 5.0PPB  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022

Quant Time: Jun 25 08:52:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062322S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 08:51:58 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 6150     | 5.990  | ug/l   | 92       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 19647    | 5.198  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 18275    | 5.476  | ug/l   | 98       |
| 44) Trichloroethene           | 9.108  | 130  | 19989    | 5.548  | ug/l   | 82       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 18352    | 5.835  | ug/l   | 97       |
| 46) Dibromomethane            | 9.467  | 93   | 9328     | 5.109  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.655  | 83   | 24193    | 5.056  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.444  | 41   | 8811     | 5.202  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.450  | 88   | 1929     | 94.628 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 47117    | 27.473 | ug/l   | 97       |
| 52) Toluene                   | 10.397 | 92   | 45323    | 5.514  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 22463    | 5.160  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 26440    | 5.335  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.785 | 97   | 15384    | 5.978  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 14469    | 4.988  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 23302    | 5.491  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 30845    | 27.402 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 32540    | 28.104 | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.132 | 129  | 18383    | 5.420  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.232 | 107  | 12807    | 5.257  | ug/l   | 94       |
| 64) Tetrachloroethene         | 10.873 | 164  | 19377    | 6.476  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.661 | 112  | 51494    | 5.568  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 19516    | 5.252  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.732 | 91   | 83211    | 5.155  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.844 | 106  | 65304    | 10.470 | ug/l   | 99       |
| 69) o-Xylene                  | 12.167 | 106  | 29210    | 5.049  | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 48298    | 4.771  | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 10746    | 5.312  | ug/l # | 93       |
| 73) Isopropylbenzene          | 12.467 | 105  | 77309    | 4.827  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.273 | 43   | 17051    | 5.202  | ug/l # | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 17019    | 5.632  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 13508m   | 7.076  | ug/l   |          |
| 77) Bromobenzene              | 12.749 | 156  | 20425    | 5.303  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.808 | 91   | 103408   | 5.282  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 61405    | 5.385  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 68375    | 4.979  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 5311     | 5.680  | ug/l   | 83       |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 61576    | 5.079  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 58279    | 4.828  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 68627    | 5.088  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.391 | 105  | 90789    | 5.114  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 71691    | 4.851  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 42285    | 5.272  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 43314    | 5.456  | ug/l   | 94       |
| 89) n-Butylbenzene            | 13.826 | 91   | 68226    | 4.930  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 16110    | 5.288  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 37486    | 5.432  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 2668     | 5.289  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.137 | 180  | 22876    | 5.550  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 12652    | 5.414  | ug/l   | 95       |
| 95) Naphthalene               | 15.379 | 128  | 36973    | 5.018  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 19105    | 5.306  | ug/l   | 94       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062422\  
 Data File : VD073688.D  
 Acq On : 24 Jun 2022 15:28  
 Operator : VA/SY  
 Sample : N3214-02 5.0PPB  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_D  
**ClientSampleId :**  
 LOQ-SOIL-02-QT2-2022

**Manual Integrations**  
**APPROVED**

Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022

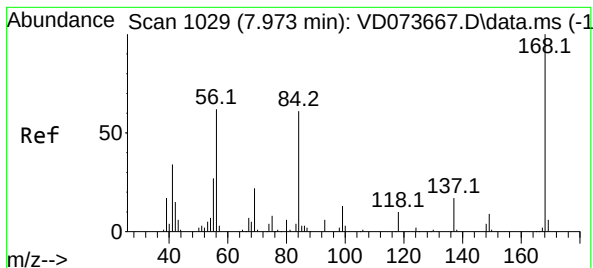
Quant Time: Jun 25 08:52:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062322S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 25 08:51:58 2022  
 Response via : Initial Calibration

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

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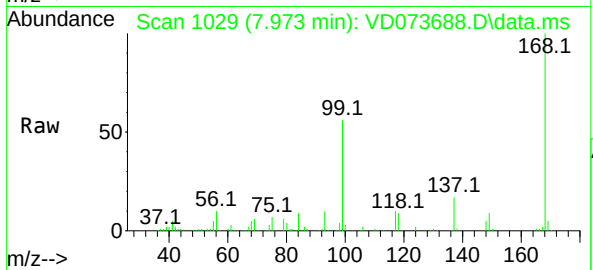
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

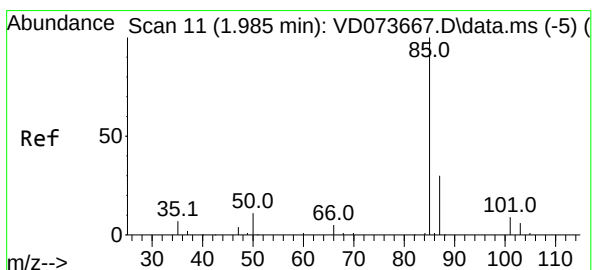
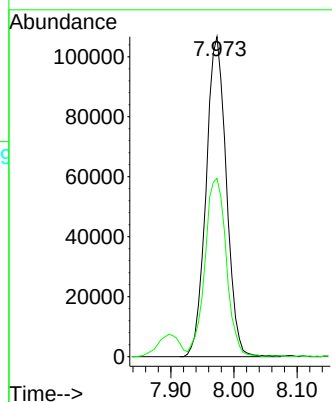
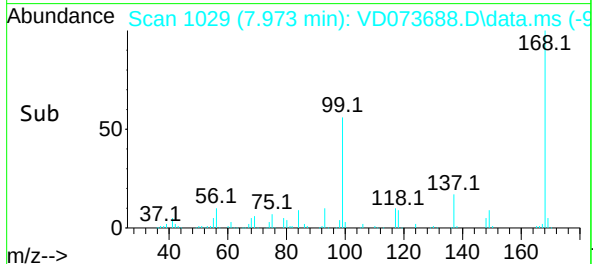
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:168 Resp: 237329  
Ion Ratio Lower Upper  
168 100  
99 55.4 46.4 69.6

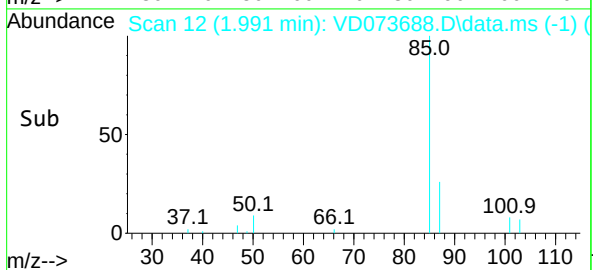
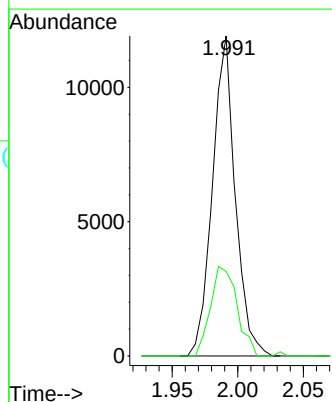
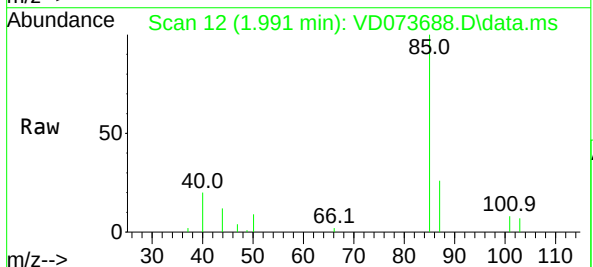
Manual Integrations  
APPROVED

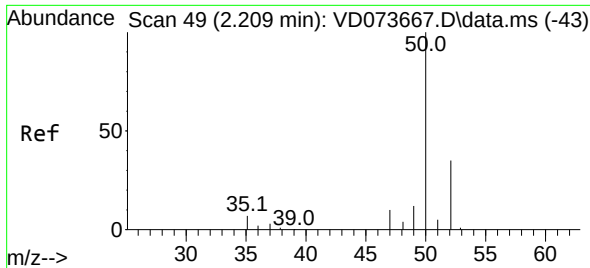
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#2  
Dichlorodifluoromethane  
Concen: 6.007 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

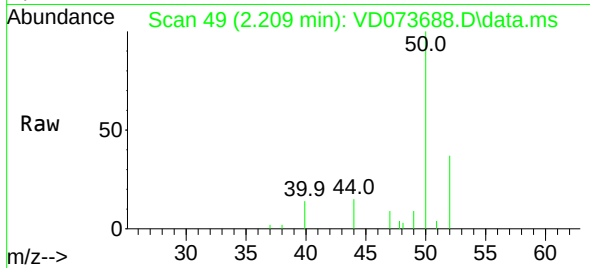
Tgt Ion: 85 Resp: 14400  
Ion Ratio Lower Upper  
85 100  
87 26.4 15.2 45.5





#3  
Chloromethane  
Concen: 5.621 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

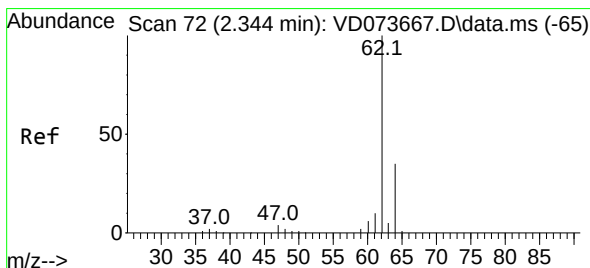
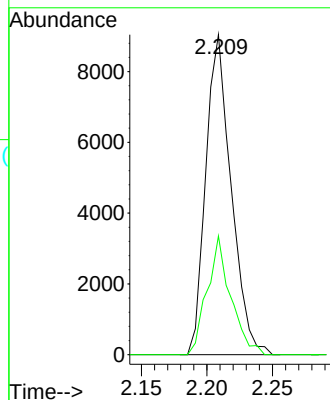
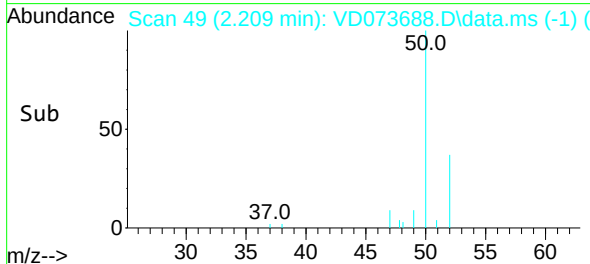
Instrument : MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 50 Resp: 12179  
Ion Ratio Lower Upper  
50 100  
52 37.1 27.8 41.6

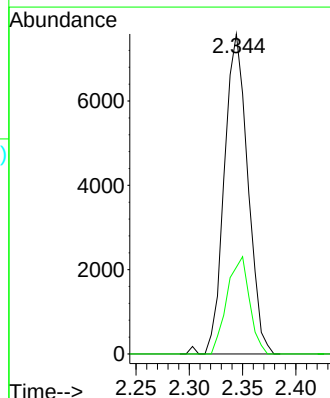
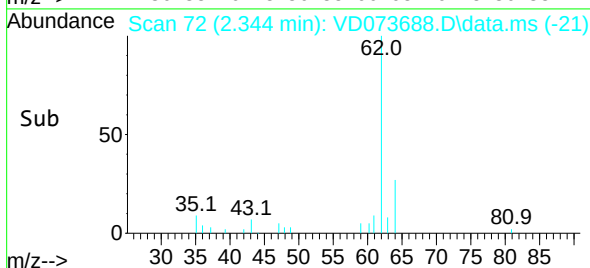
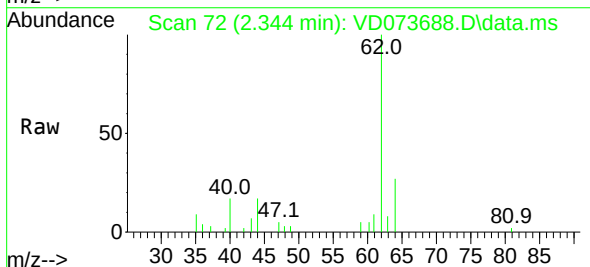
Manual Integrations  
APPROVED

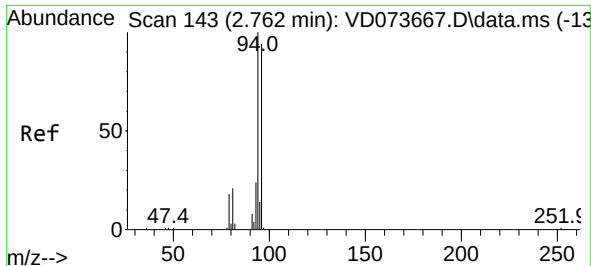
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#4  
Vinyl Chloride  
Concen: 5.450 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

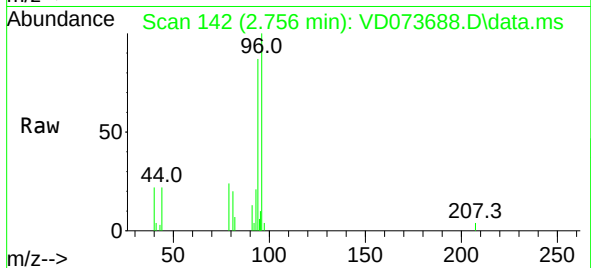
Tgt Ion: 62 Resp: 11651  
Ion Ratio Lower Upper  
62 100  
64 27.1 27.8 41.6#





#5  
Bromomethane  
Concen: 5.293 ug/l  
RT: 2.756 min Scan# 143  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

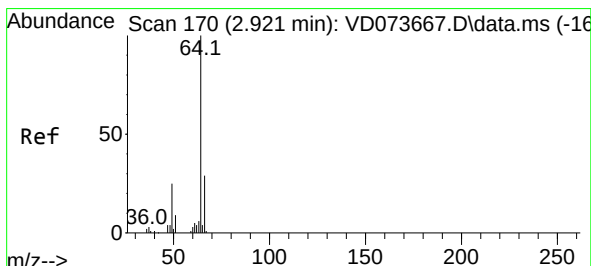
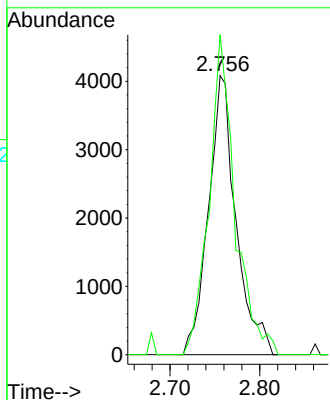
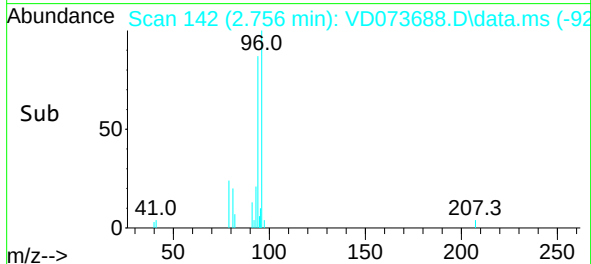
Instrument : MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 94 Resp: 8708  
Ion Ratio Lower Upper  
94 100  
96 114.7 75.1 112.7

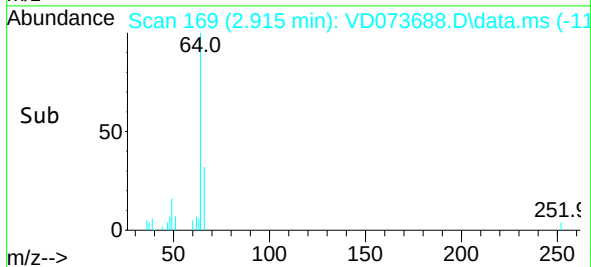
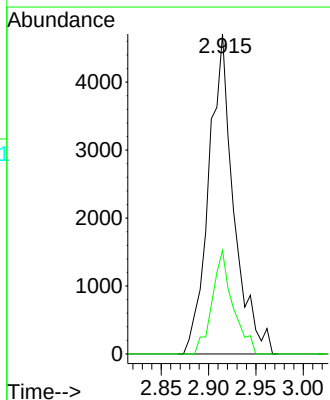
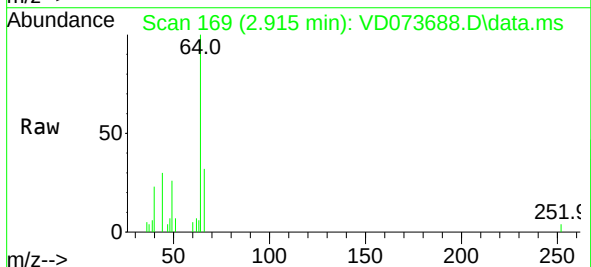
Manual Integrations  
APPROVED

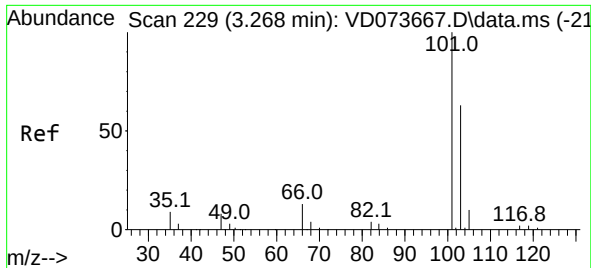
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#6  
Chloroethane  
Concen: 6.008 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

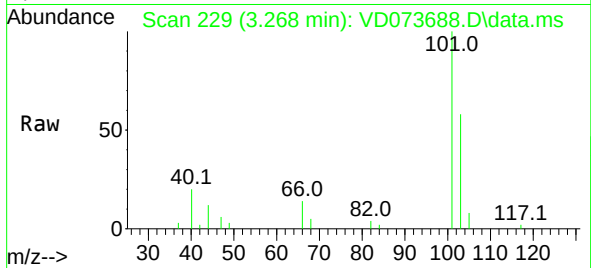
Tgt Ion: 64 Resp: 8651  
Ion Ratio Lower Upper  
64 100  
66 32.3 23.3 34.9





#7  
 Trichlorofluoromethane  
 Concen: 5.670 ug/l  
 RT: 3.268 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28

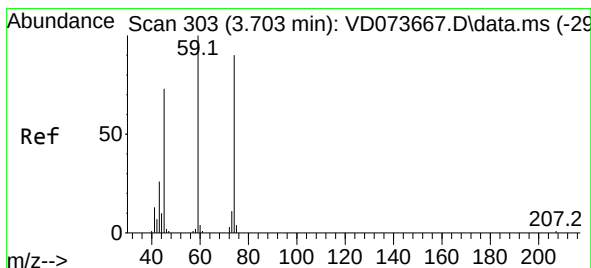
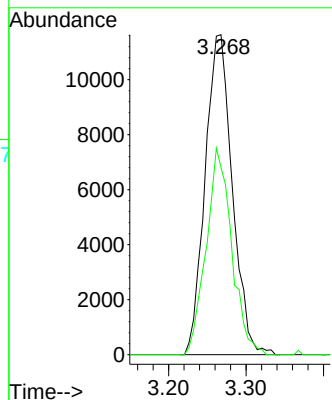
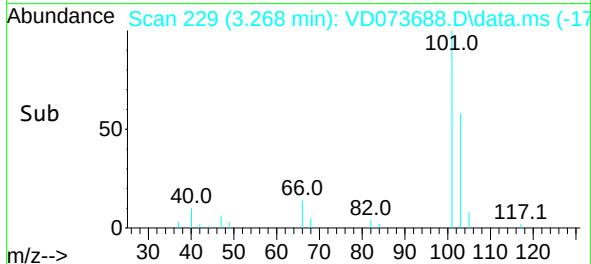
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022



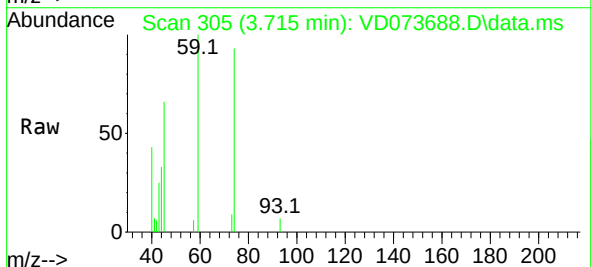
Tgt Ion:101 Resp: 2835  
 Ion Ratio Lower Upper  
 101 100  
 103 58.5 50.4 75.6

Manual Integrations  
 APPROVED

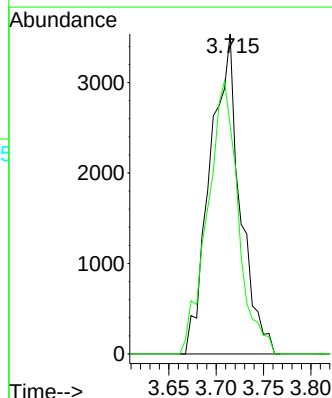
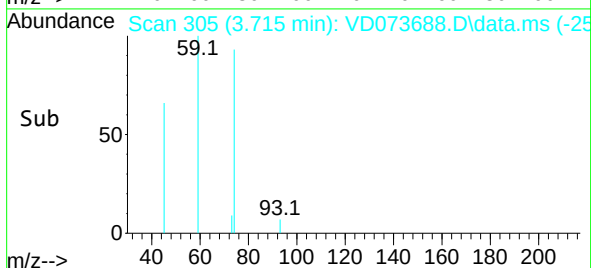
Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022



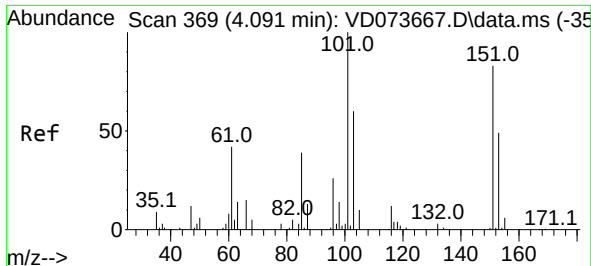
#8  
 Diethyl Ether  
 Concen: 6.070 ug/l  
 RT: 3.715 min Scan# 305  
 Delta R.T. 0.012 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28



Tgt Ion: 74 Resp: 7783  
 Ion Ratio Lower Upper  
 74 100  
 45 87.3 45.0 134.8

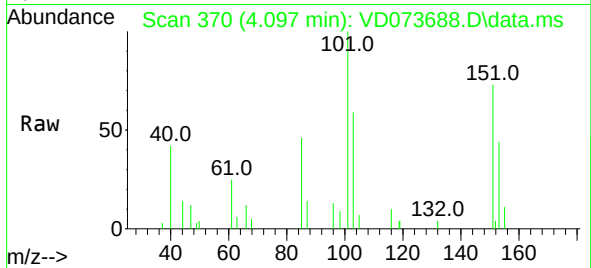






#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 6.064 ug/l  
RT: 4.097 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

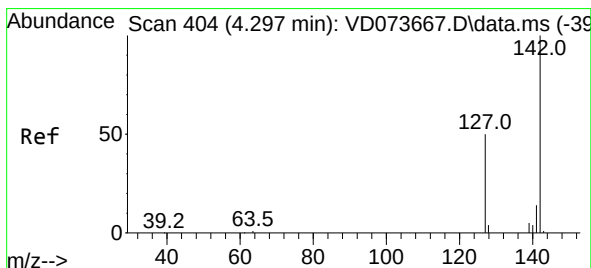
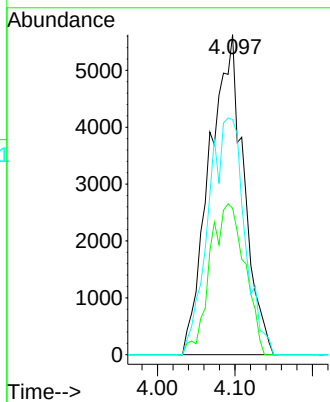
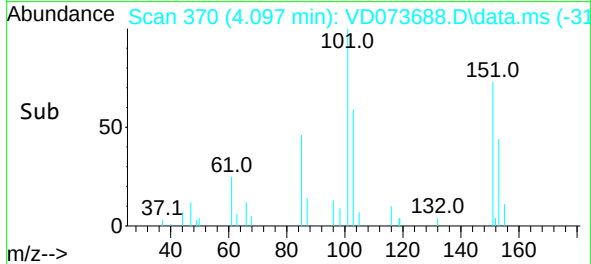
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



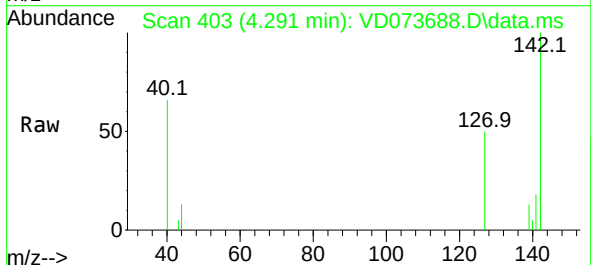
Tgt Ion:101 Resp: 1739  
Ion Ratio Lower Upper  
101 100  
85 47.7 34.8 52.2  
151 78.2 63.4 95.0

Manual Integrations  
APPROVED

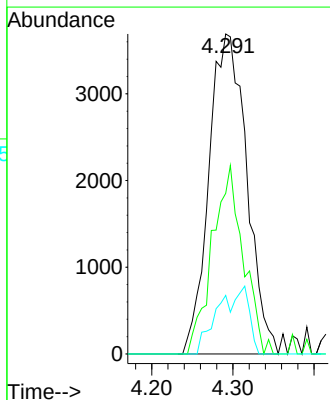
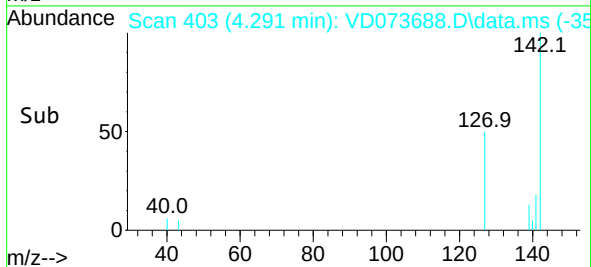
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

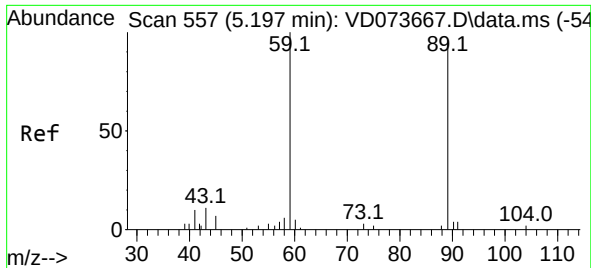


#10  
Methyl Iodide  
Concen: 4.368 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



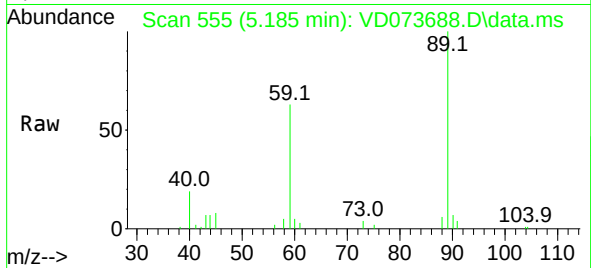
Tgt Ion:142 Resp: 11925  
Ion Ratio Lower Upper  
142 100  
127 48.3 39.4 59.2  
141 9.1 11.9 17.9#





#11  
Tert butyl alcohol  
Concen: 50.383 ug/l  
RT: 5.185 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

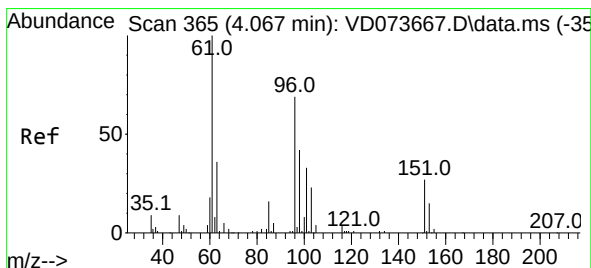
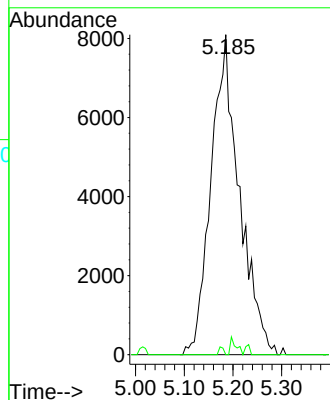
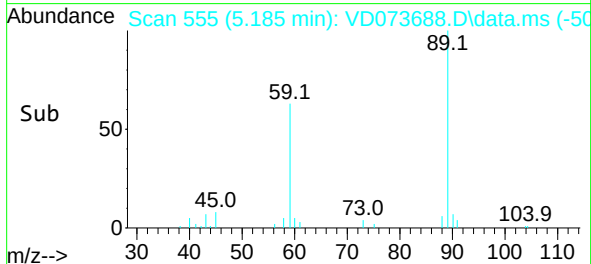
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



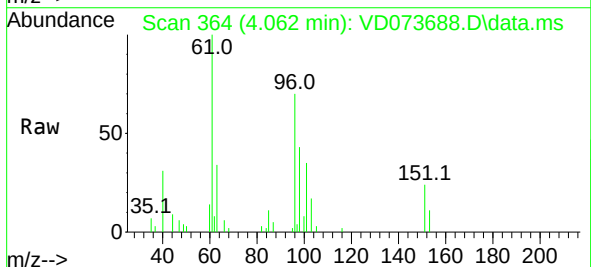
Tgt Ion: 59 Resp: 3265  
Ion Ratio Lower Upper  
59 100  
57 0.4 0.0 0.0

Manual Integrations  
APPROVED

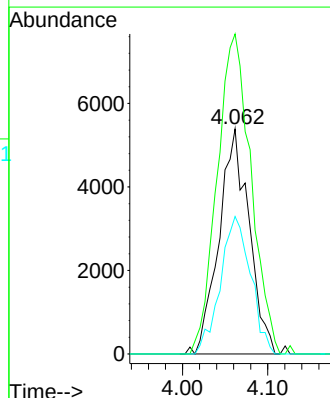
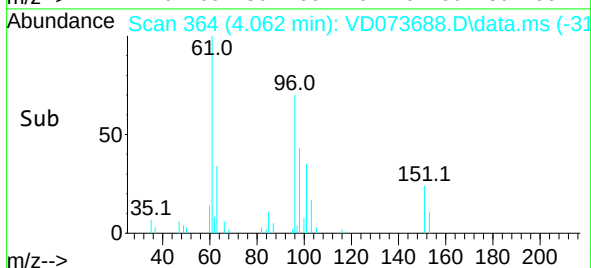
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

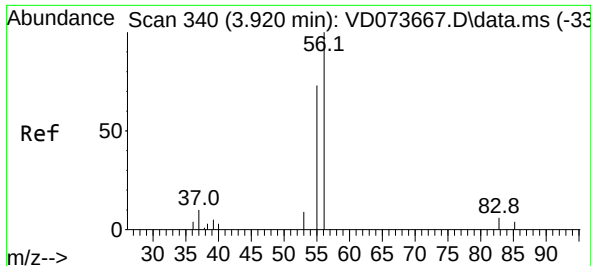


#12  
1,1-Dichloroethene  
Concen: 5.413 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



Tgt Ion: 96 Resp: 13202  
Ion Ratio Lower Upper  
96 100  
61 142.2 116.3 174.5  
98 61.1 48.7 73.1





#13

Acrolein

Concen: 21.581 ug/l

RT: 3.926 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD073688.D

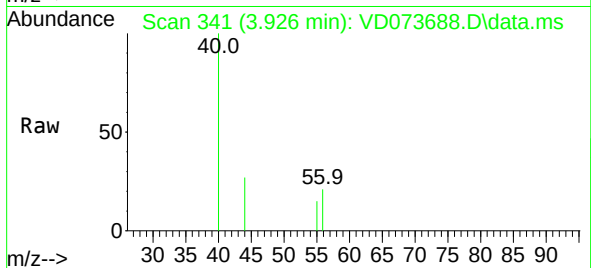
Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022



Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

56 100

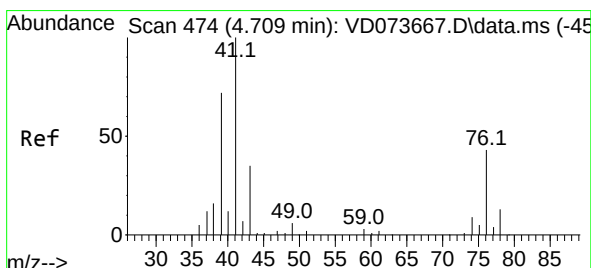
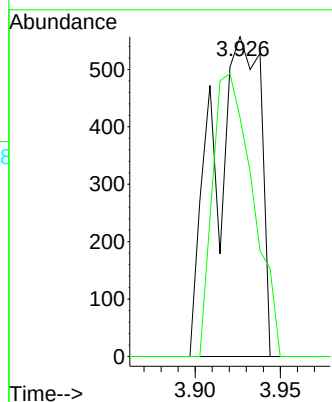
55 76.0 60.3 90.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#14

Allyl chloride

Concen: 5.670 ug/l

RT: 4.703 min Scan# 473

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

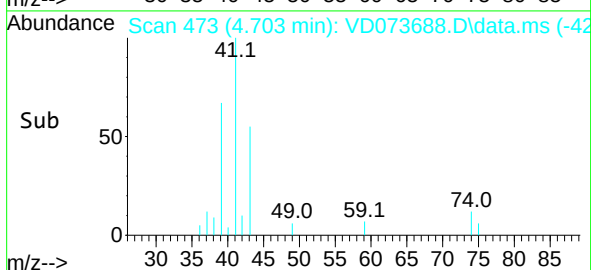
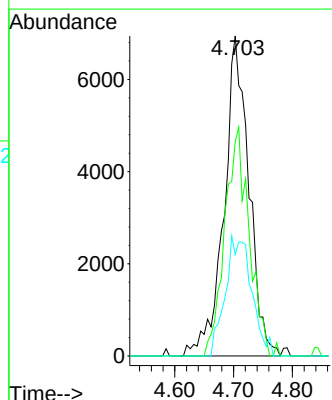
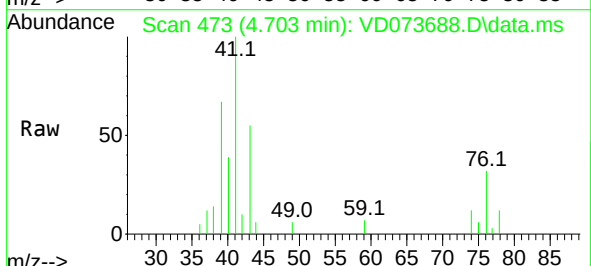
Tgt Ion: 41 Resp: 20388

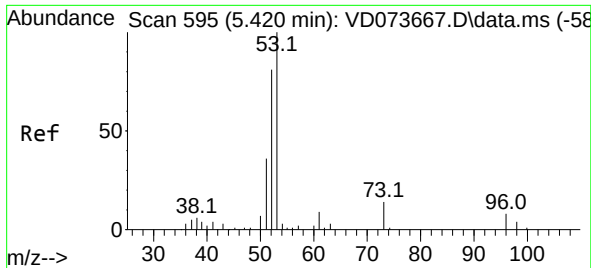
Ion Ratio Lower Upper

41 100

39 69.6 56.6 85.0

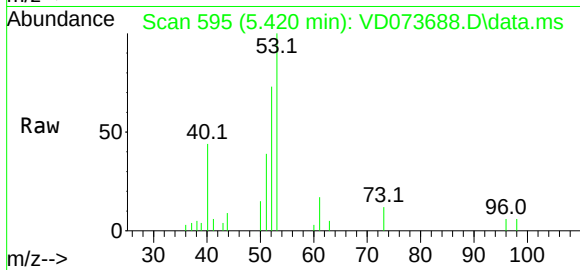
76 39.5 32.7 49.1





#15  
Acrylonitrile  
Concen: 28.463 ug/l  
RT: 5.420 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

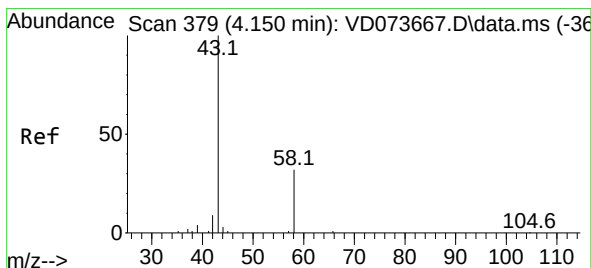
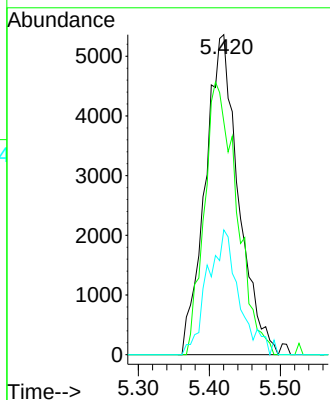
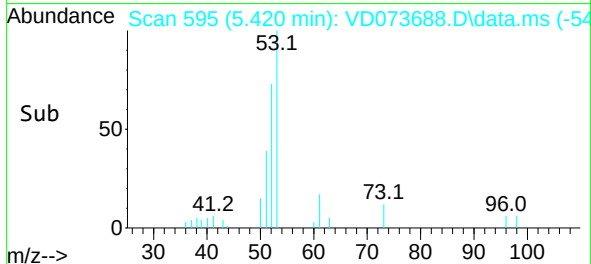
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 53 Resp: 17469  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.2 99.2  
51 36.9 30.2 45.2

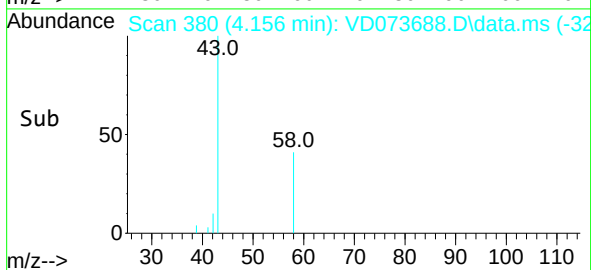
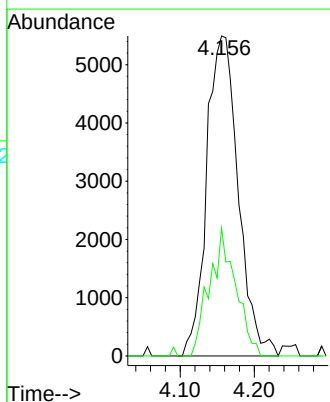
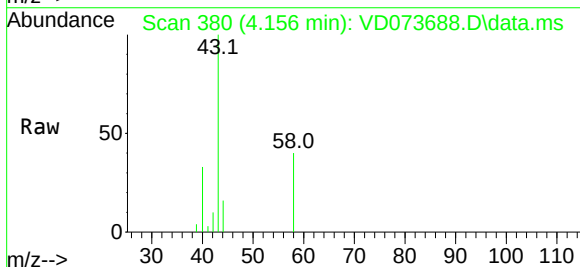
Manual Integrations  
APPROVED

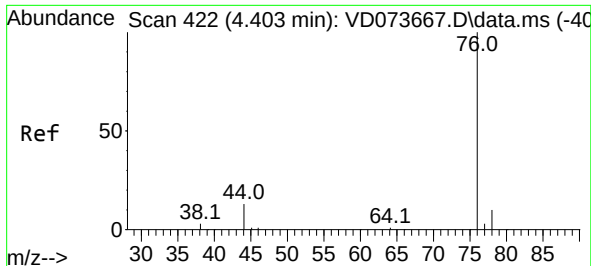
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#16  
Acetone  
Concen: 31.546 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

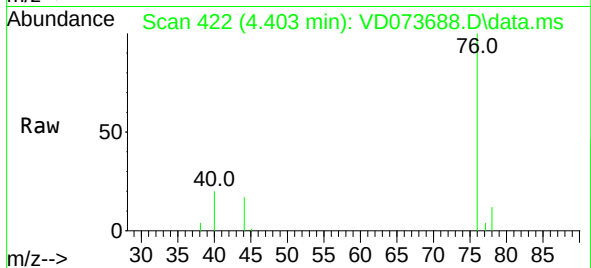
Tgt Ion: 43 Resp: 16242  
Ion Ratio Lower Upper  
43 100  
58 39.9 25.2 37.8#





#17  
Carbon Disulfide  
Concen: 5.311 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

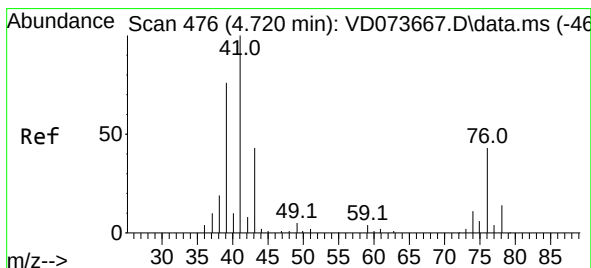
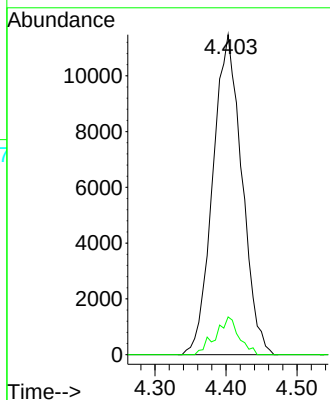
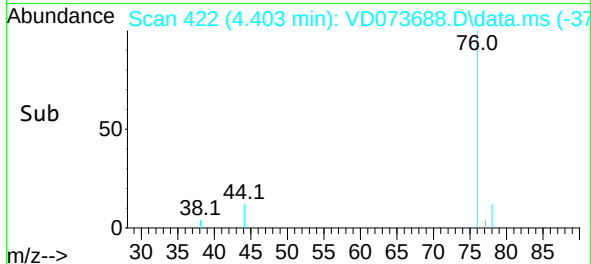
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



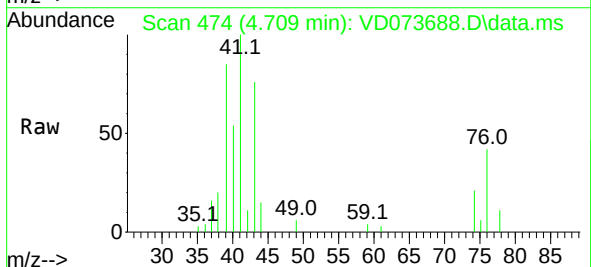
Tgt Ion: 76 Resp: 32680  
Ion Ratio Lower Upper  
76 100  
78 11.8 7.7 11.5

Manual Integrations  
APPROVED

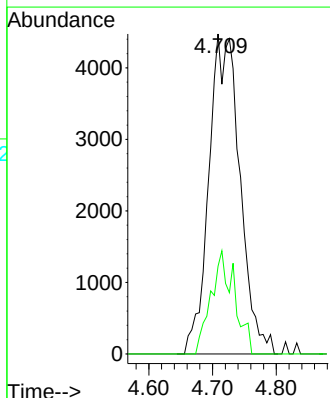
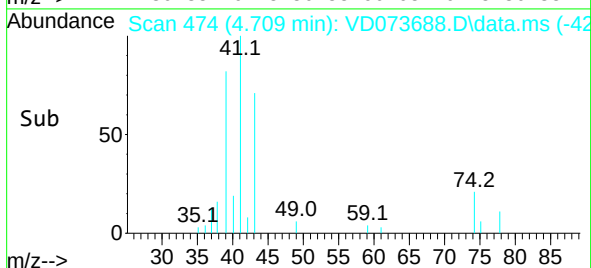
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

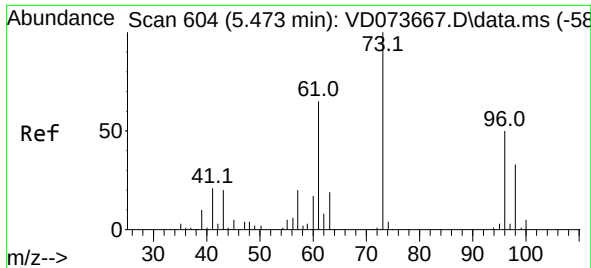


#18  
Methyl Acetate  
Concen: 9.526 ug/l m  
RT: 4.709 min Scan# 474  
Delta R.T. -0.011 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



Tgt Ion: 43 Resp: 15127  
Ion Ratio Lower Upper  
43 100  
74 24.3 20.2 30.4





#19

Methyl tert-butyl Ether

Concen: 5.254 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 73 Resp: 33369

Ion Ratio Lower Upper

73 100

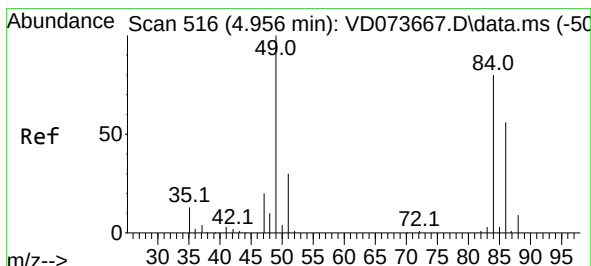
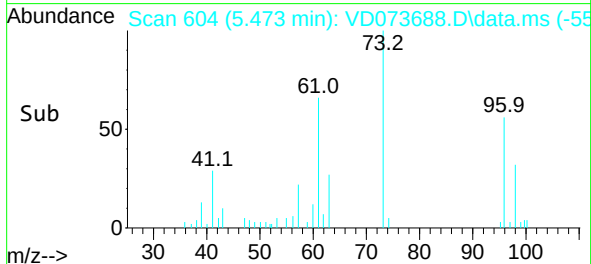
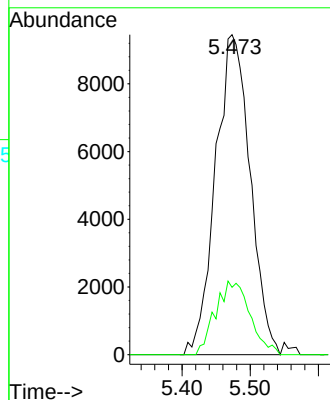
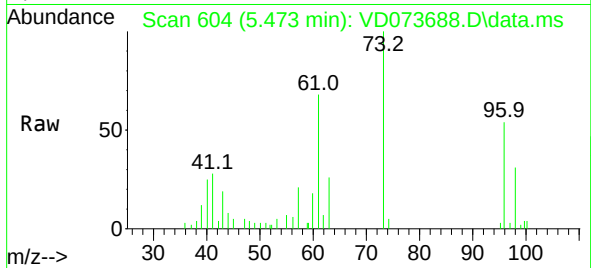
57 21.0 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#20

Methylene Chloride

Concen: 8.090 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Tgt Ion: 84 Resp: 30292

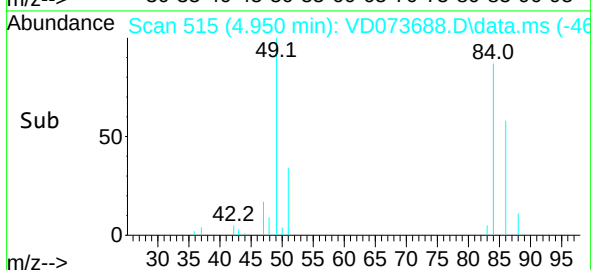
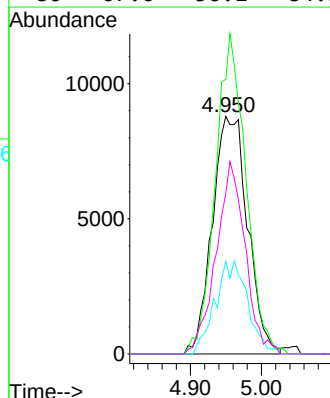
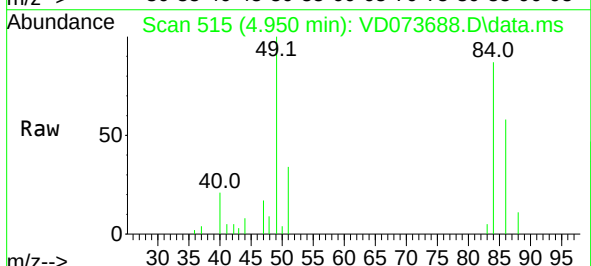
Ion Ratio Lower Upper

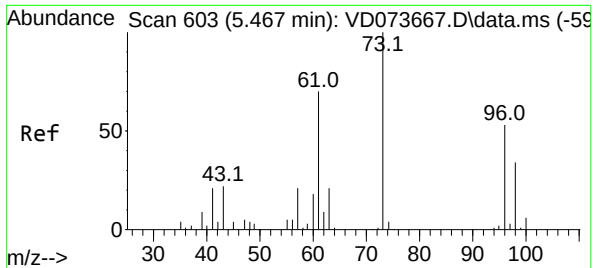
84 100

49 115.6 100.6 150.8

51 39.0 29.8 44.6

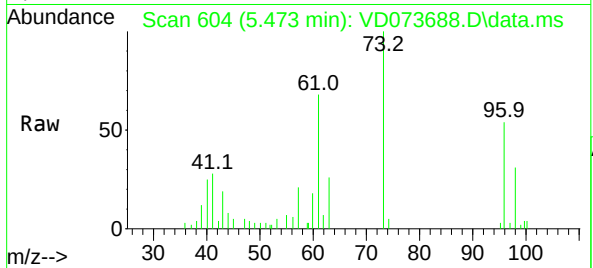
86 67.6 56.1 84.1





#21  
trans-1,2-Dichloroethene  
Concen: 5.552 ug/l  
RT: 5.473 min Scan# 603  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

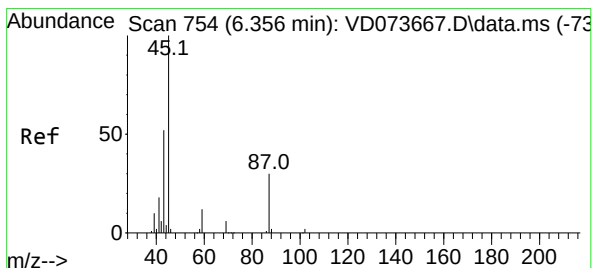
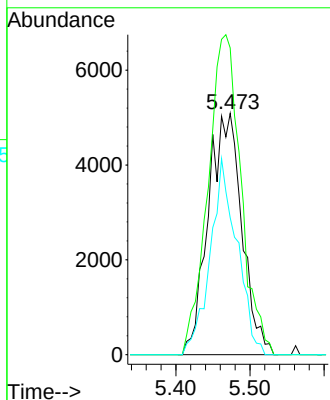
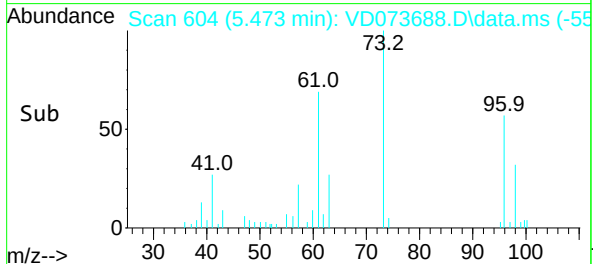
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 96 Resp: 16110  
Ion Ratio Lower Upper  
96 100  
61 127.1 105.0 157.6  
98 56.8 50.6 75.8

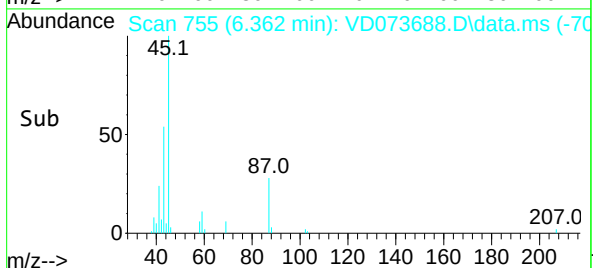
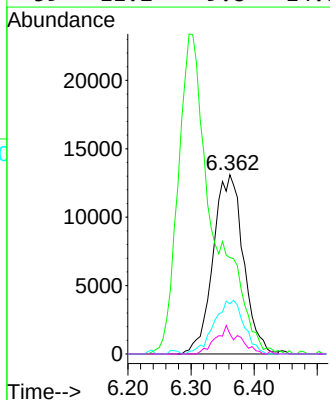
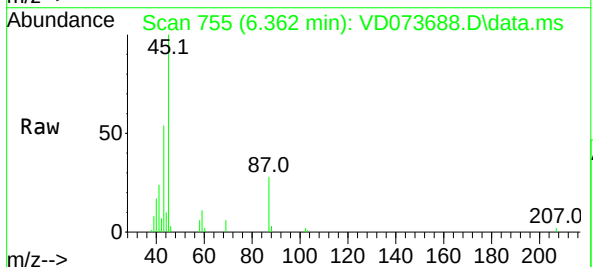
Manual Integrations  
APPROVED

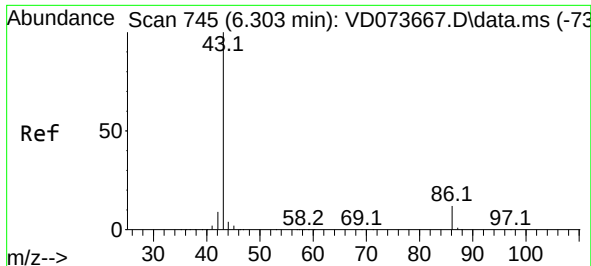
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#22  
Diisopropyl ether  
Concen: 5.408 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

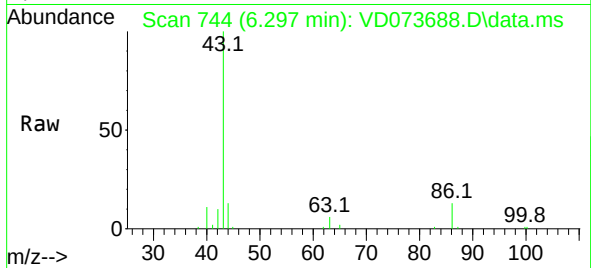
Tgt Ion: 45 Resp: 43654  
Ion Ratio Lower Upper  
45 100  
43 51.9 42.1 63.1  
87 28.0 24.2 36.4  
59 11.2 9.8 14.8





#23  
 Vinyl Acetate  
 Concen: 21.383 ug/l  
 RT: 6.297 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28

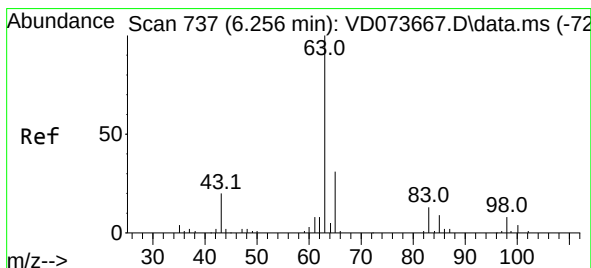
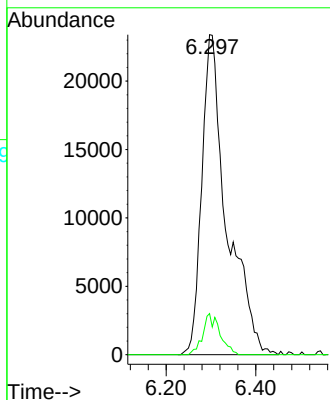
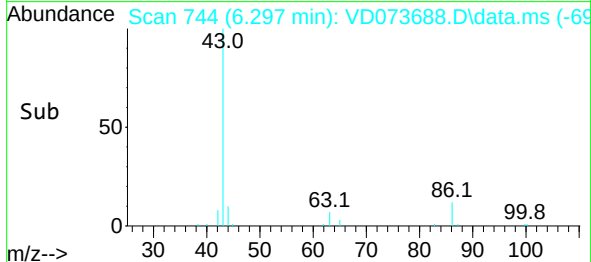
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022



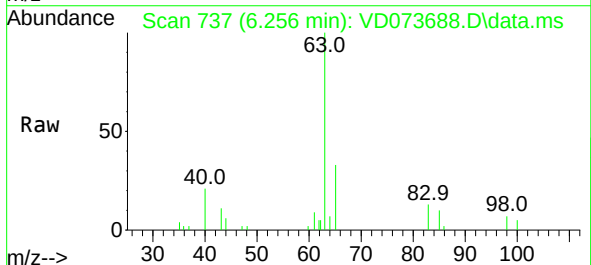
Tgt Ion: 43 Resp: 9049  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 9.7 14.5

Manual Integrations  
 APPROVED

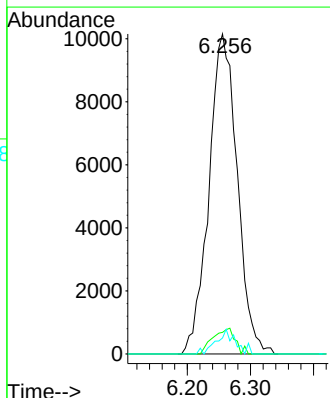
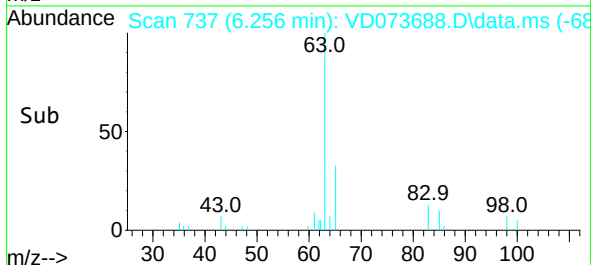
Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022



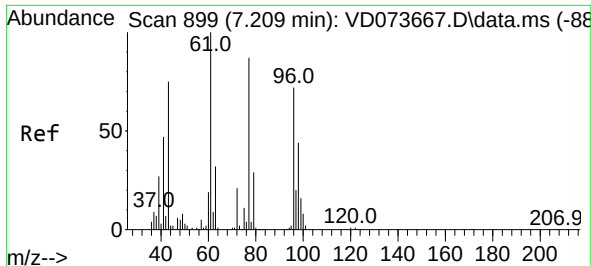
#24  
 1,1-Dichloroethane  
 Concen: 5.884 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. 0.000 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28



Tgt Ion: 63 Resp: 31636  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 4.0 12.2  
 100 5.0 2.1 6.5

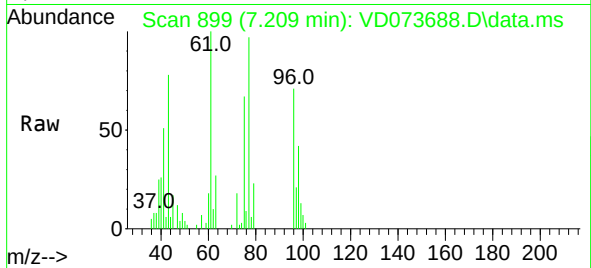






#25  
2-Butanone  
Concen: 31.893 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

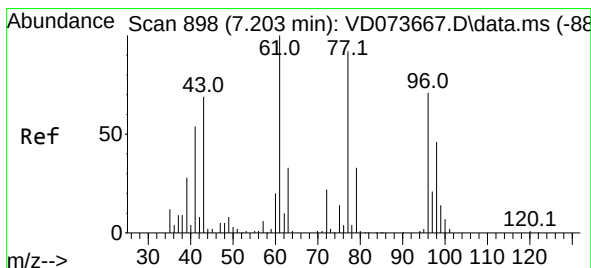
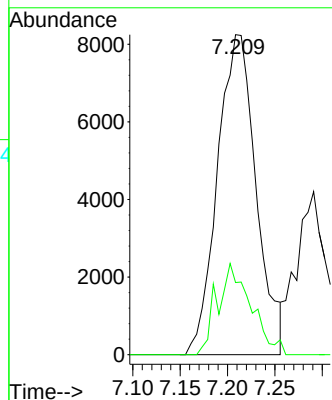
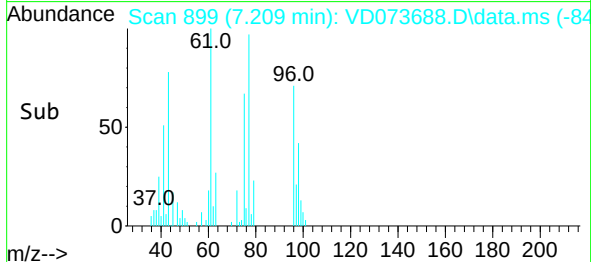
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 23428  
Ion Ratio Lower Upper  
43 100  
72 22.5 22.6 33.8

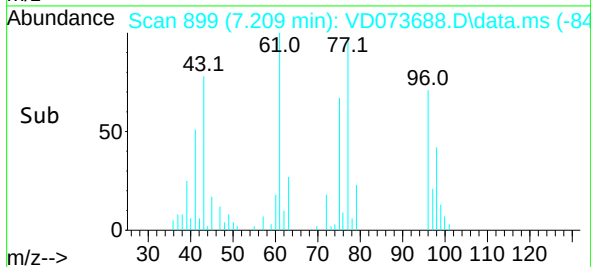
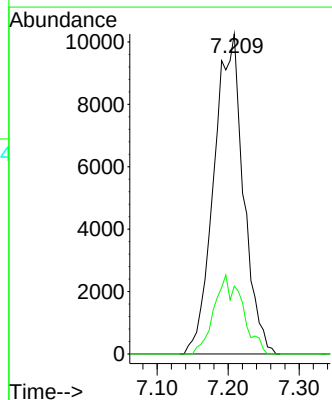
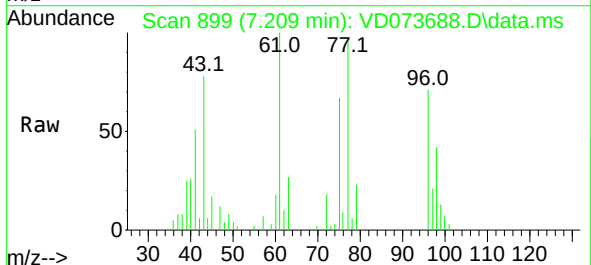
Manual Integrations  
APPROVED

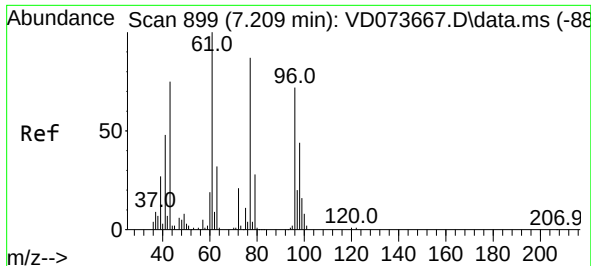
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#26  
2,2-Dichloropropane  
Concen: 5.832 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

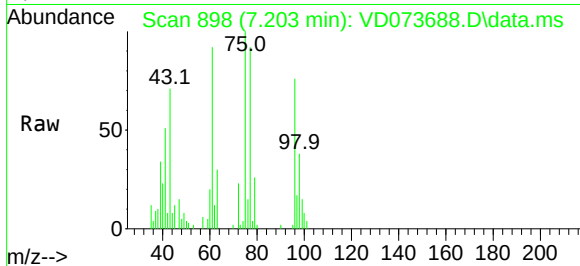
Tgt Ion: 77 Resp: 29535  
Ion Ratio Lower Upper  
77 100  
97 23.8 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 5.861 ug/l  
 RT: 7.203 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28

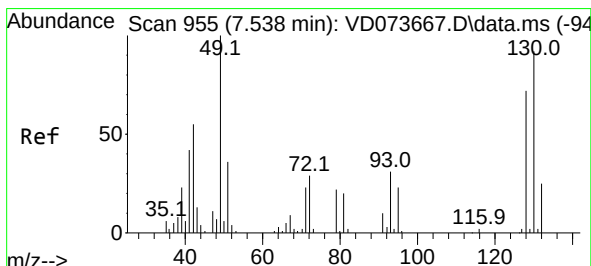
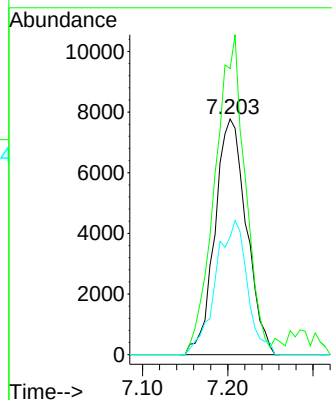
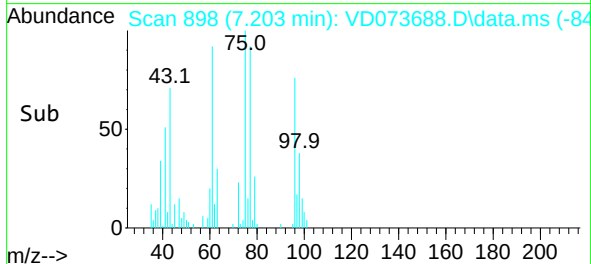
Instrument : MSVOA\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022



Tgt Ion: 96 Resp: 1998  
 Ion Ratio Lower Upper  
 96 100  
 61 130.5 0.0 276.0  
 98 57.1 0.0 128.0

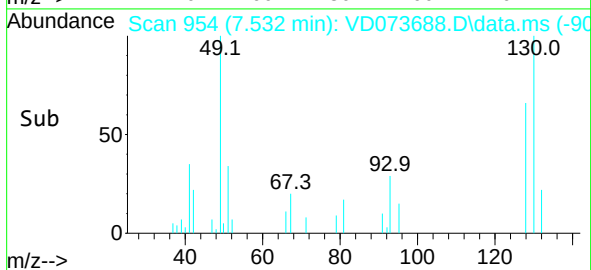
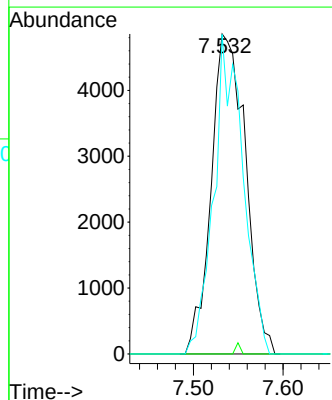
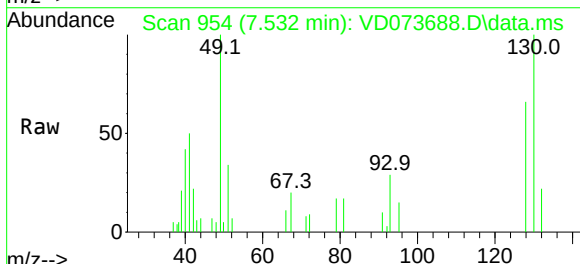
Manual Integrations  
 APPROVED

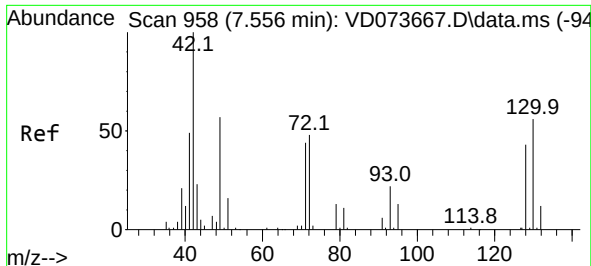
Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022



#28  
 Bromochloromethane  
 Concen: 6.778 ug/l  
 RT: 7.532 min Scan# 954  
 Delta R.T. -0.006 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28

Tgt Ion: 49 Resp: 12862  
 Ion Ratio Lower Upper  
 49 100  
 129 0.5 0.0 5.0  
 130 85.5 73.2 109.8





#29

Tetrahydrofuran

Concen: 28.065 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

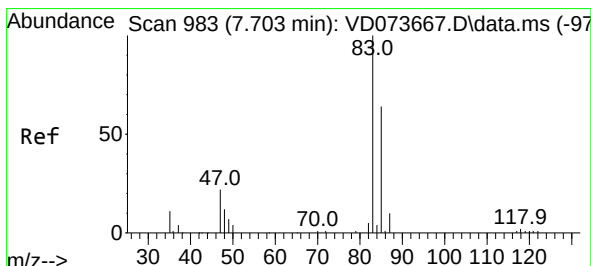
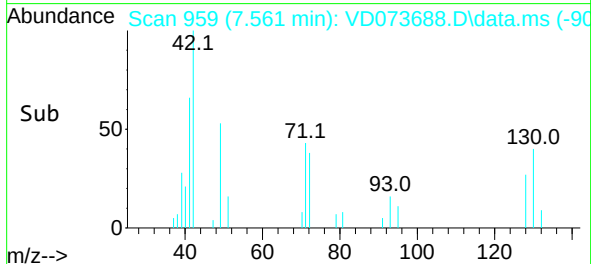
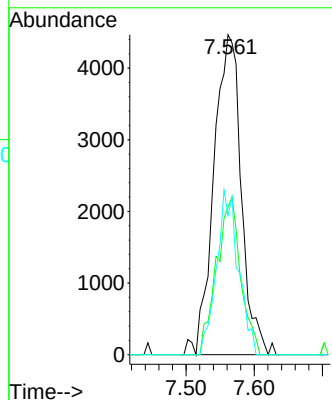
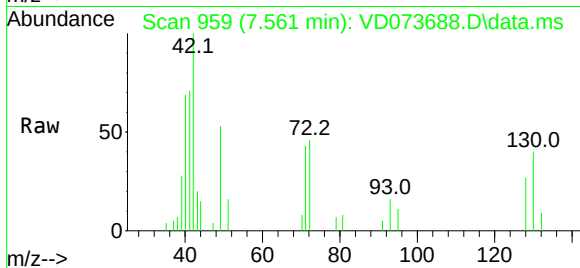
LOQ-SOIL-02-QT2-2022

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 1253 |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 43.0  | 37.8  | 56.6 |
| 71        | 40.9  | 35.5  | 53.3 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#30

Chloroform

Concen: 5.696 ug/l

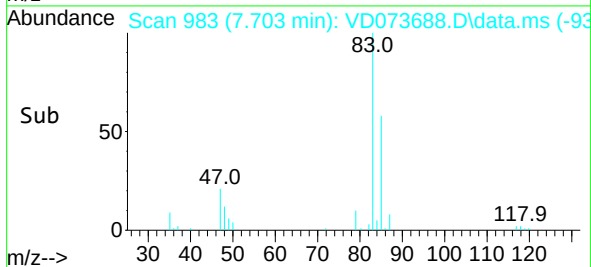
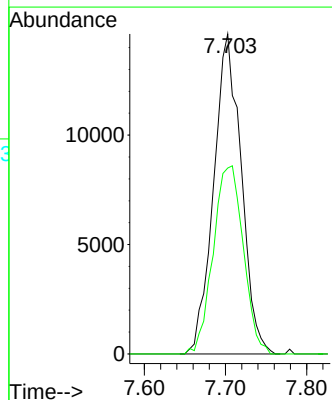
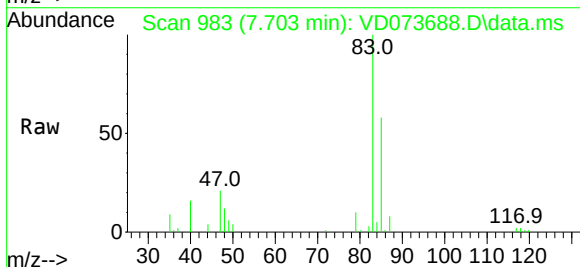
RT: 7.703 min Scan# 983

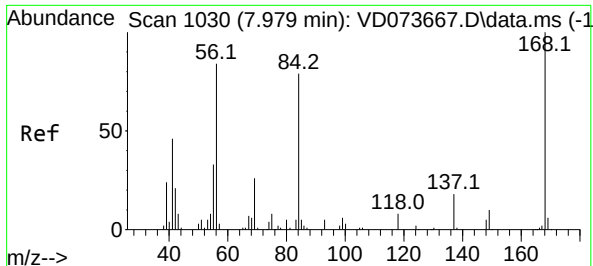
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 34468 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 58.1  | 51.1  | 76.7  |





#31

Cyclohexane

Concen: 6.078 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

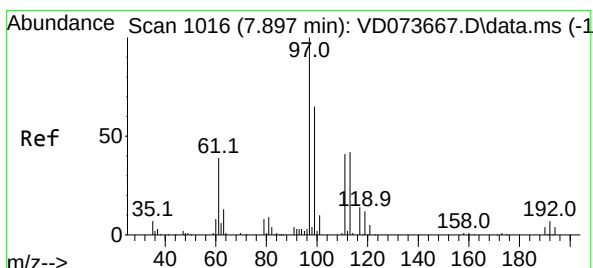
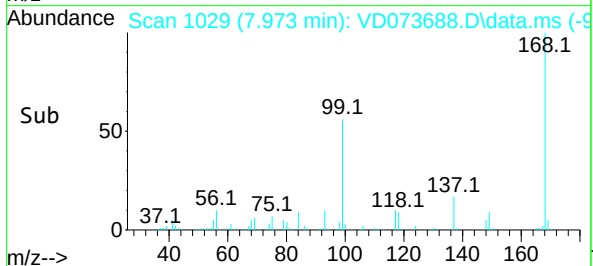
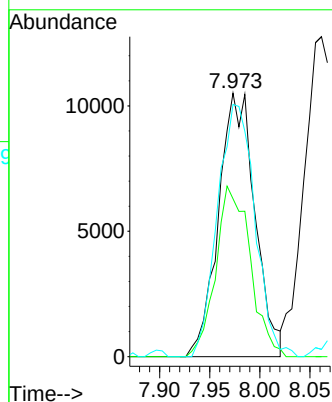
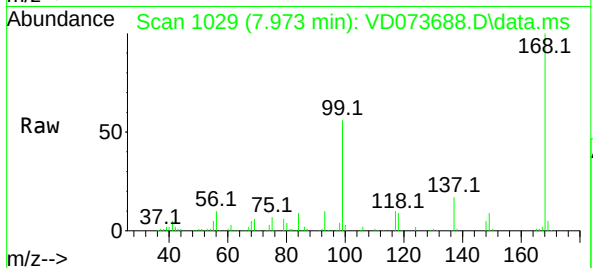
Tgt Ion: 56 Resp: 26578

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 59.9  | 25.2  | 37.8  |
| 84  | 95.7  | 75.4  | 113.2 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#32

1,1,1-Trichloroethane

Concen: 5.318 ug/l

RT: 7.897 min Scan# 1016

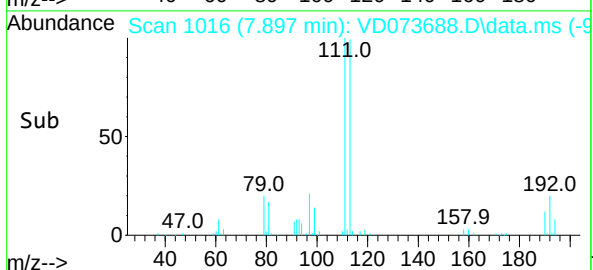
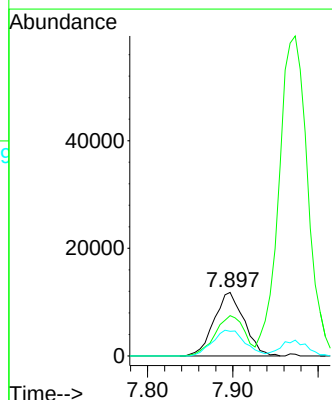
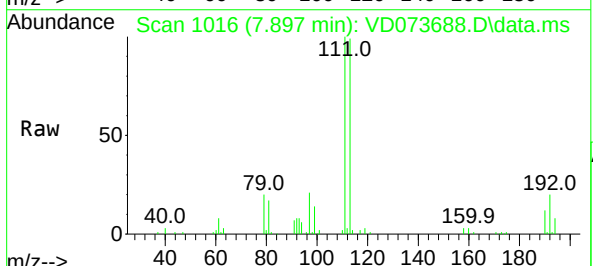
Delta R.T. 0.000 min

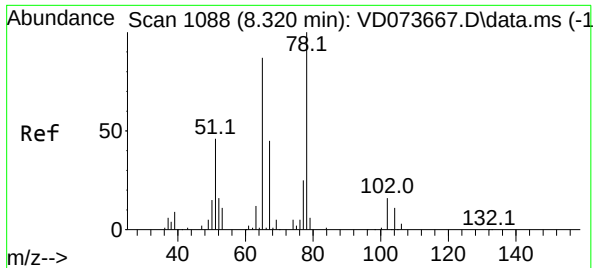
Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Tgt Ion: 97 Resp: 28908

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.8  | 51.2  | 76.8  |
| 61  | 43.7  | 33.4  | 50.0  |





#33

1,2-Dichloroethane-d4

Concen: 50.899 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 65 Resp: 14836

Ion Ratio Lower Upper

65 100

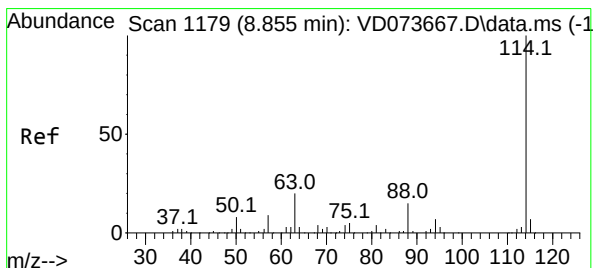
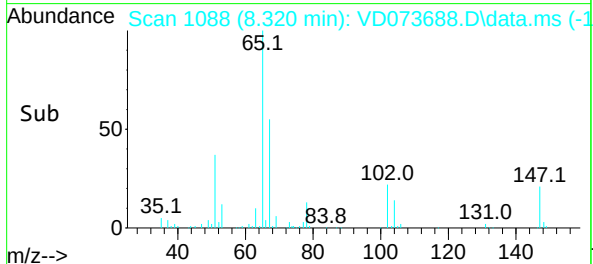
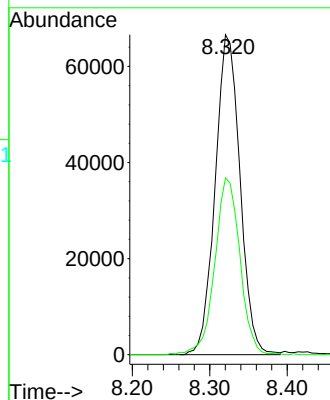
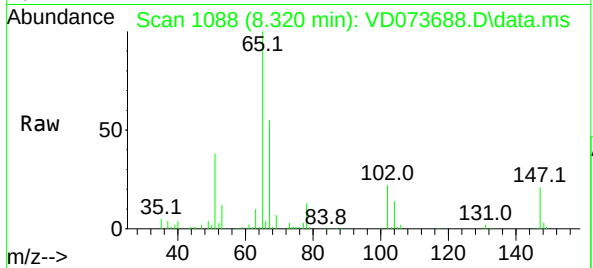
67 55.9 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

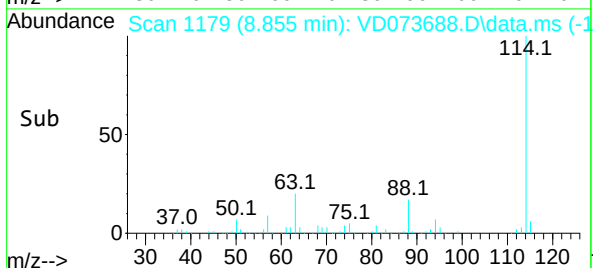
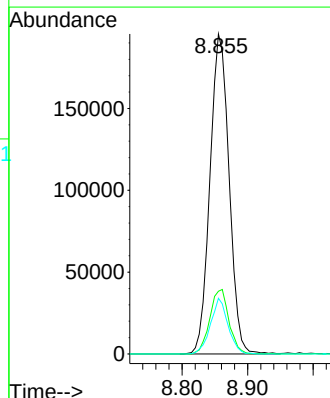
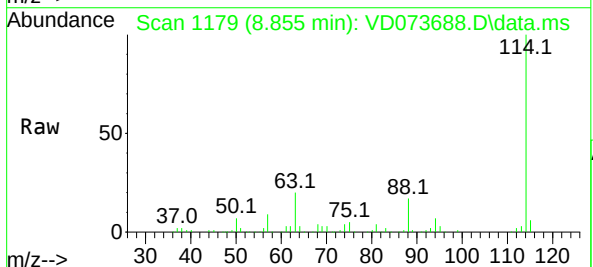
Tgt Ion:114 Resp: 396276

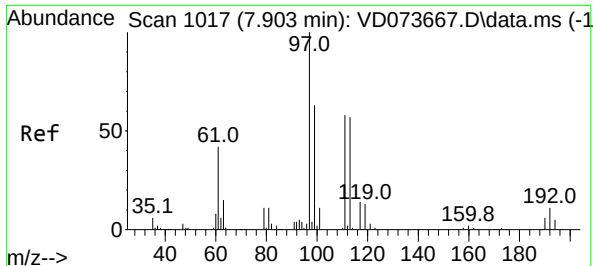
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 17.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 51.063 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073688.D

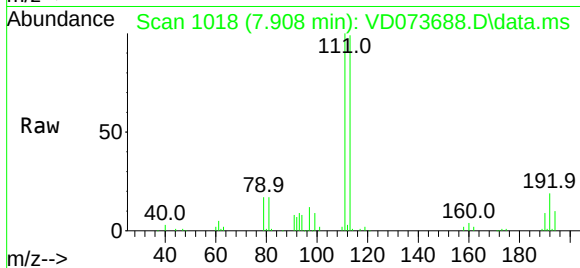
Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

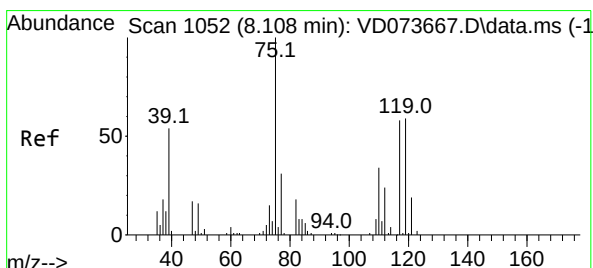
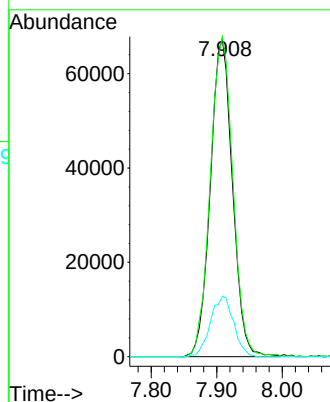
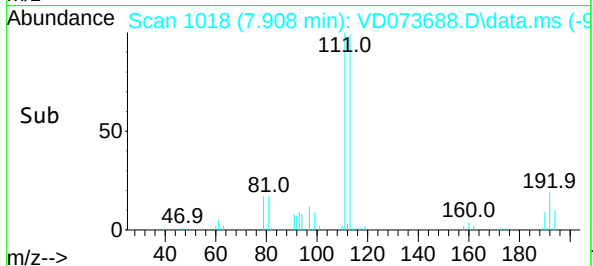


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 15763 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 103.5 | 81.8  | 122.6 |
| 192       | 19.9  | 14.8  | 22.2  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#36

1,1-Dichloropropene

Concen: 5.239 ug/l

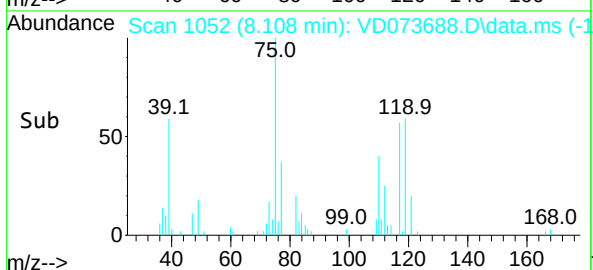
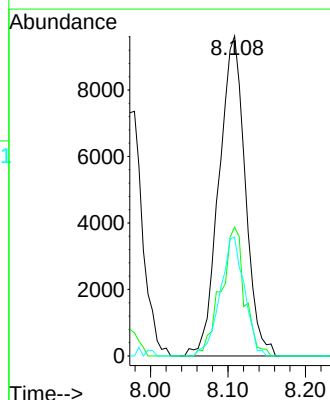
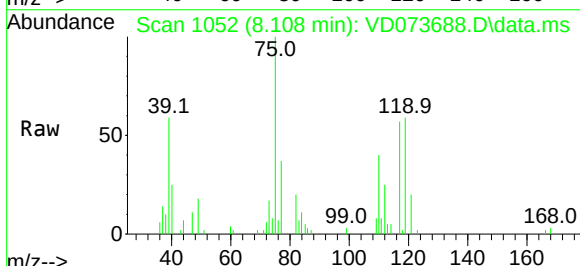
RT: 8.108 min Scan# 1052

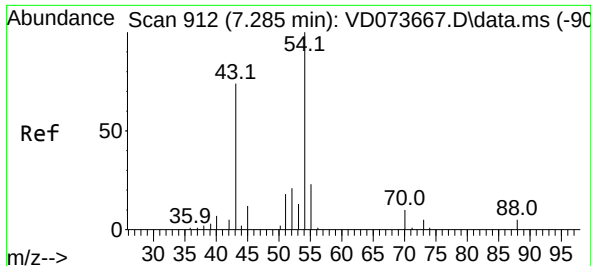
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

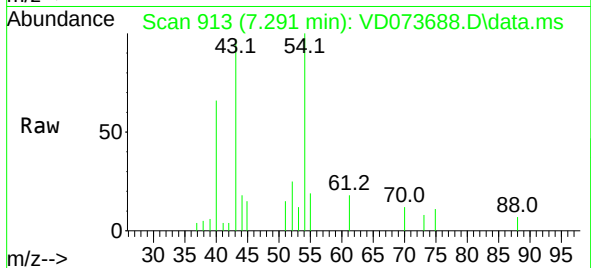
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 22702 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 36.3  | 18.0  | 54.0  |
| 77        | 34.3  | 25.6  | 38.4  |





#37  
Ethyl Acetate  
Concen: 6.012 ug/l  
RT: 7.291 min Scan# 912  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

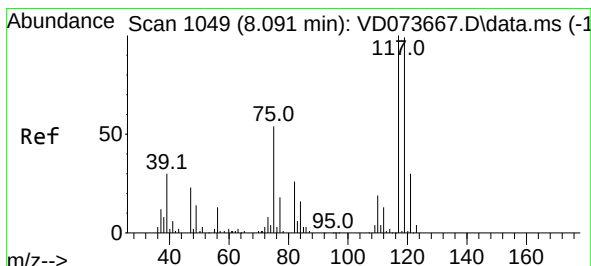
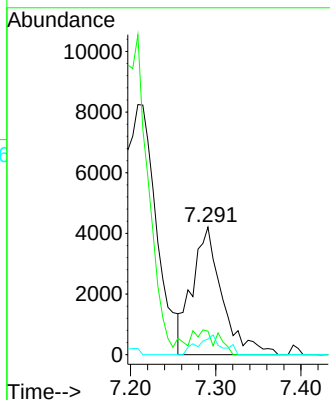
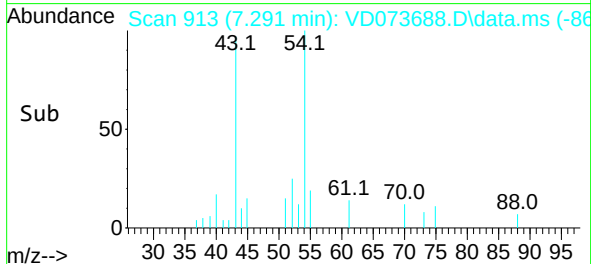
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 10225  
Ion Ratio Lower Upper  
43 100  
61 16.1 10.6 16.0  
70 12.3 9.9 14.9

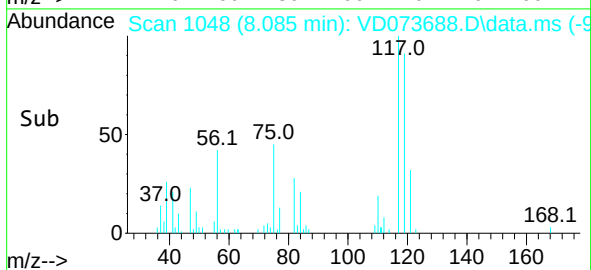
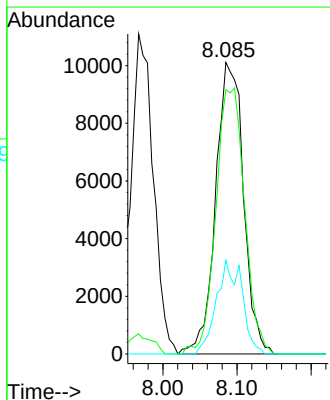
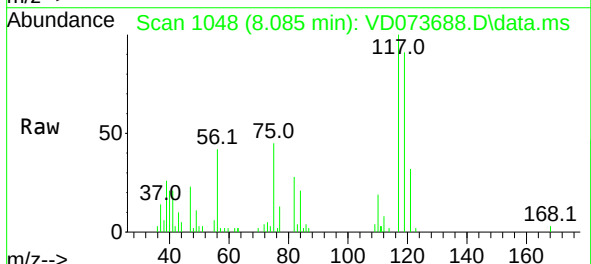
Manual Integrations  
APPROVED

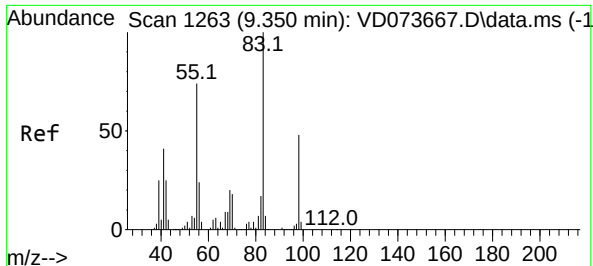
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#38  
Carbon Tetrachloride  
Concen: 5.226 ug/l  
RT: 8.085 min Scan# 1048  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:117 Resp: 26370  
Ion Ratio Lower Upper  
117 100  
119 90.6 79.2 118.8  
121 32.1 23.8 35.8





#39

Methylcyclohexane

Concen: 5.065 ug/l

RT: 9.344 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

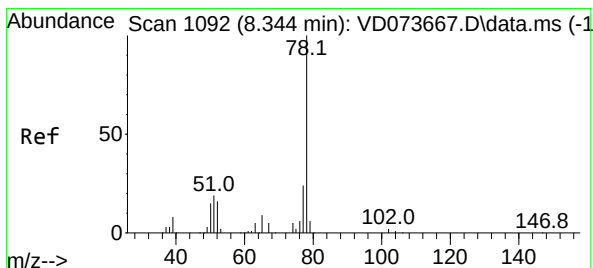
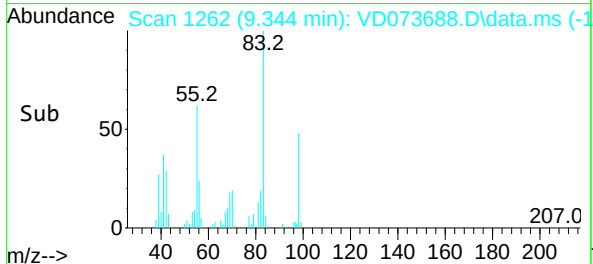
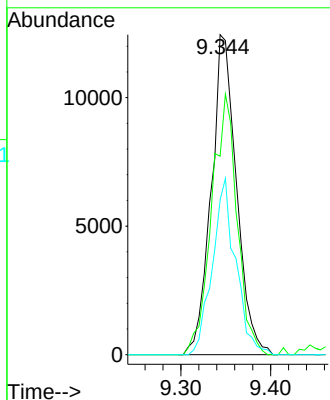
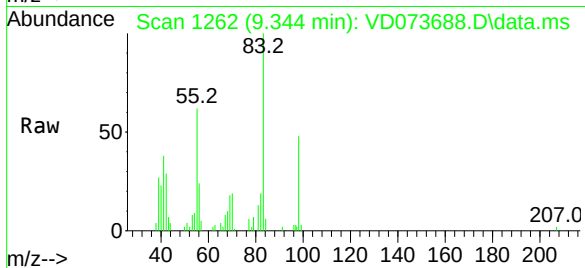
LOQ-SOIL-02-QT2-2022

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 24369 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 55 62.0     | 59.0 88.4   |
| 98 48.4     | 38.3 57.5   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#40

Benzene

Concen: 5.496 ug/l

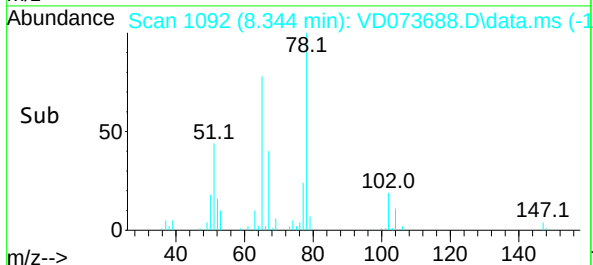
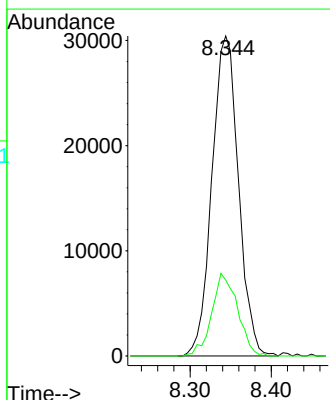
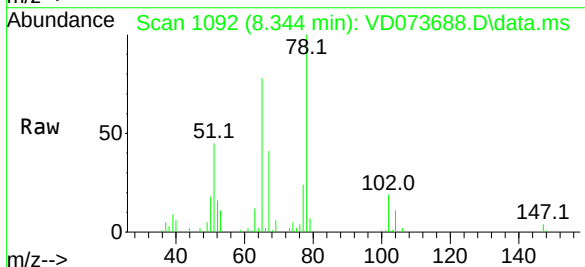
RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

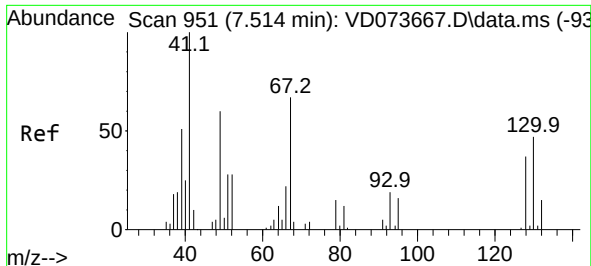
Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 68941 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 23.7     | 19.0 28.4   |

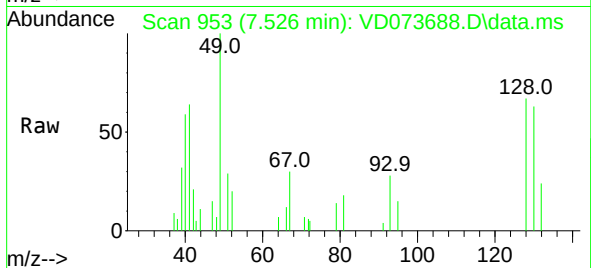






#41  
Methacrylonitrile  
Concen: 5.990 ug/l  
RT: 7.526 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

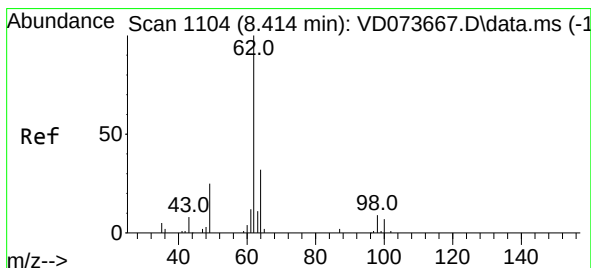
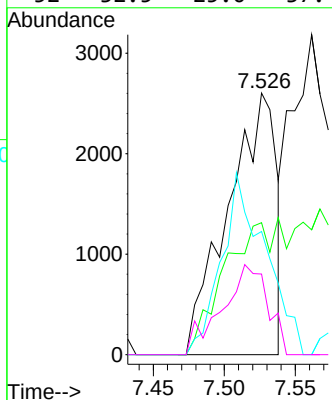
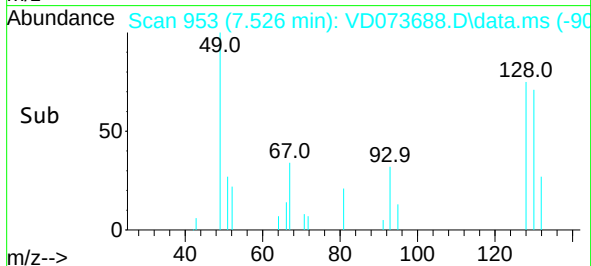
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 41 Resp: 6150  
Ion Ratio Lower Upper  
41 100  
39 48.4 42.1 63.1  
67 63.3 58.6 87.8  
52 32.5 25.0 37.4

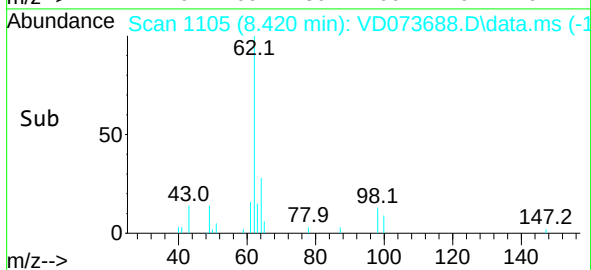
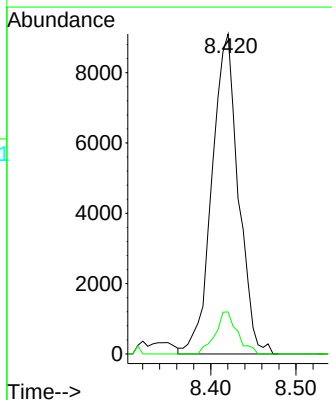
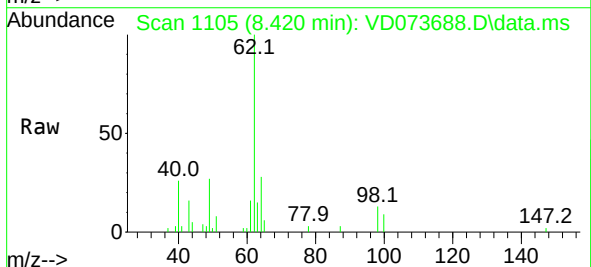
Manual Integrations  
APPROVED

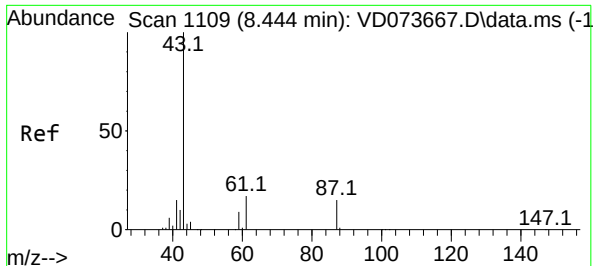
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#42  
1,2-Dichloroethane  
Concen: 5.198 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion: 62 Resp: 19647  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 19.6





#43

Isopropyl Acetate

Concen: 5.476 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073688.D

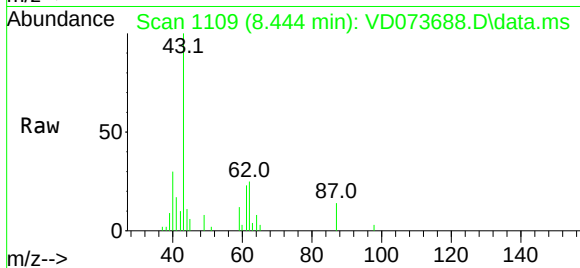
Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

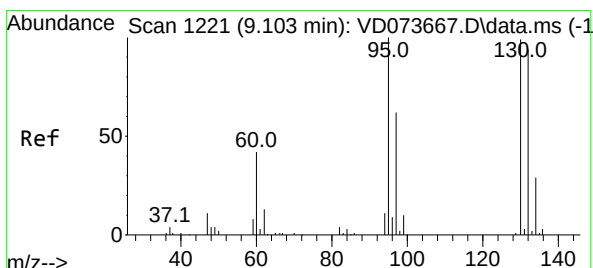
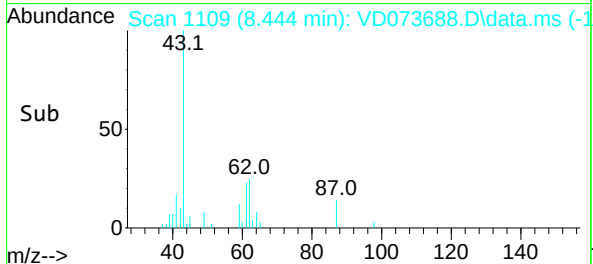
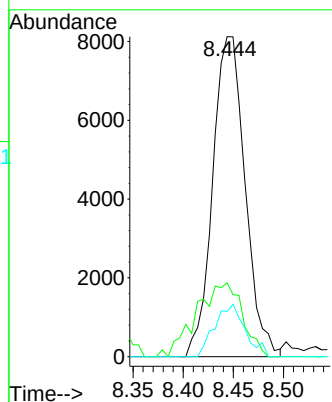
LOQ-SOIL-02-QT2-2022



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 18279    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 32.9 25.4 38.0 |
| 87          | 15.3 11.9 17.9 |

Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#44

Trichloroethene

Concen: 5.548 ug/l

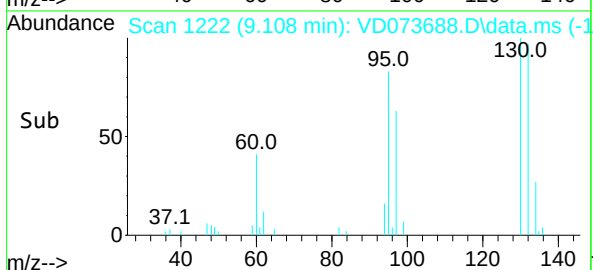
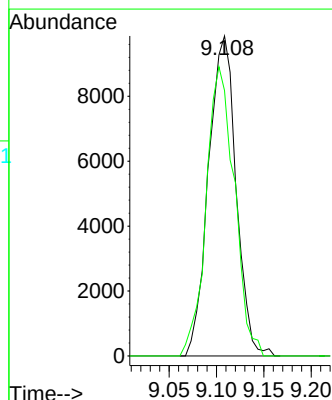
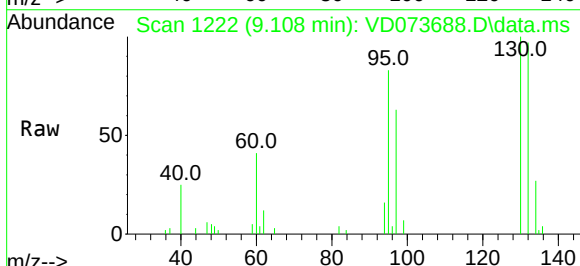
RT: 9.108 min Scan# 1222

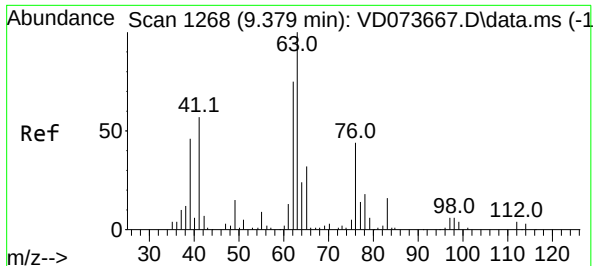
Delta R.T. 0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

|             |                |
|-------------|----------------|
| Tgt Ion:130 | Resp: 19989    |
| Ion Ratio   | Lower Upper    |
| 130         | 100            |
| 95          | 82.9 0.0 202.8 |





#45

1,2-Dichloropropane

Concen: 5.835 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

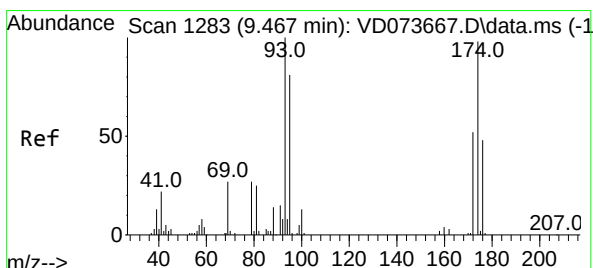
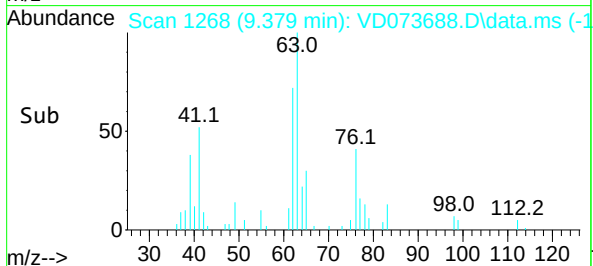
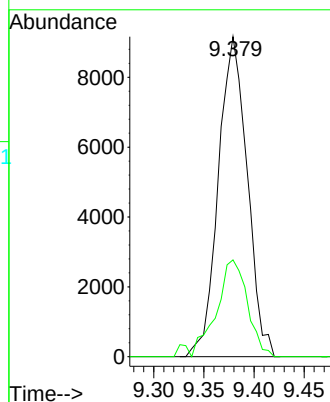
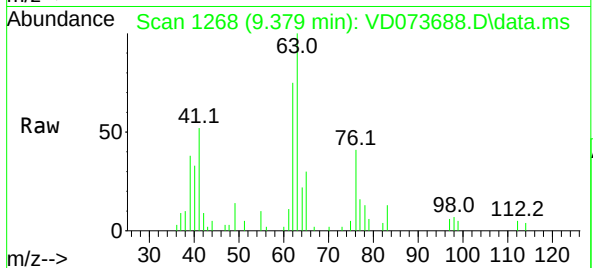
ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 63 Resp: 1835  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 25.5 38.3

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022



#46

Dibromomethane

Concen: 5.109 ug/l

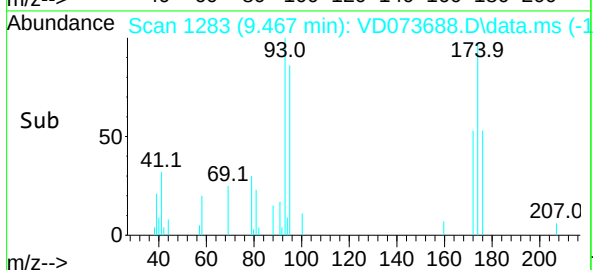
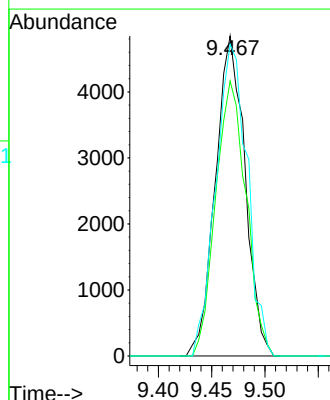
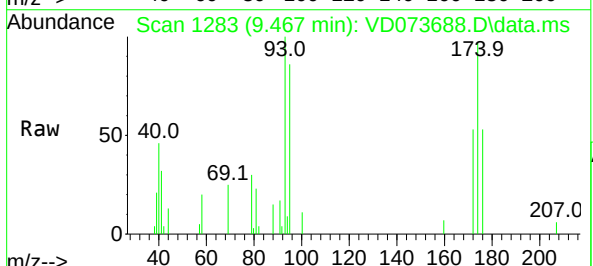
RT: 9.467 min Scan# 1283

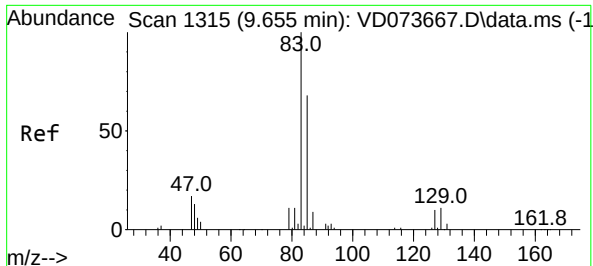
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

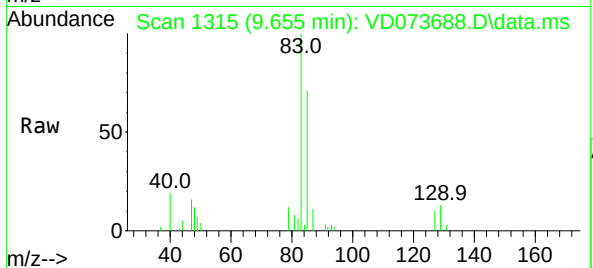
Tgt Ion: 93 Resp: 9328  
 Ion Ratio Lower Upper  
 93 100  
 95 88.3 67.8 101.8  
 174 103.1 82.3 123.5





#47  
Bromodichloromethane  
Concen: 5.056 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

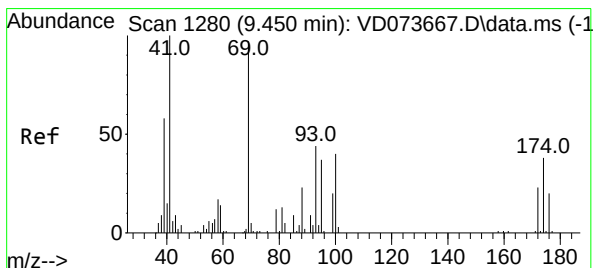
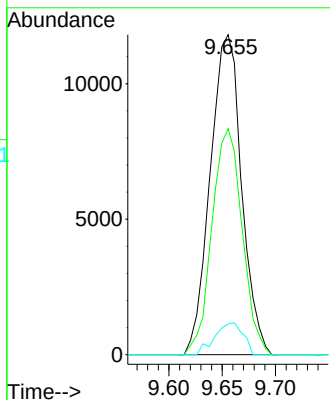
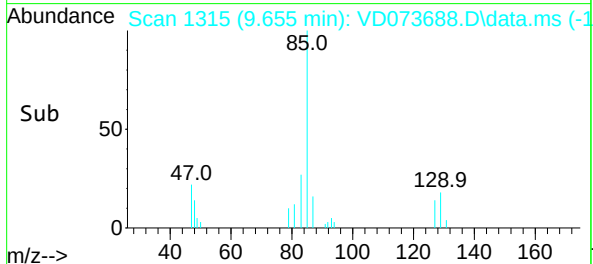
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



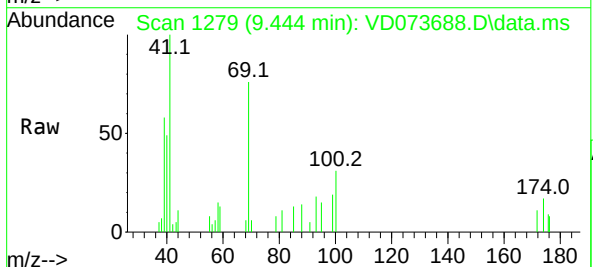
Tgt Ion: 83 Resp: 2419  
Ion Ratio Lower Upper  
83 100  
85 70.6 54.5 81.7  
127 9.6 7.7 11.5

Manual Integrations  
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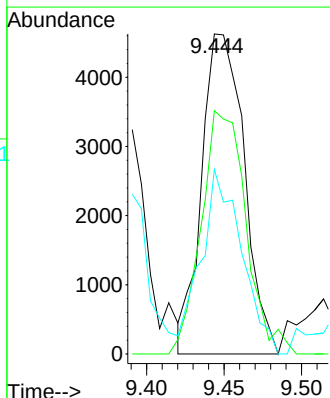
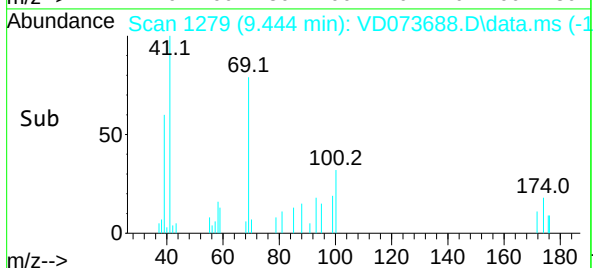
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

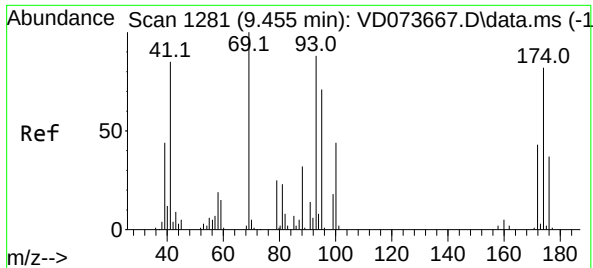


#48  
Methyl methacrylate  
Concen: 5.202 ug/l  
RT: 9.444 min Scan# 1279  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



Tgt Ion: 41 Resp: 8811  
Ion Ratio Lower Upper  
41 100  
69 80.0 69.6 104.4  
39 55.1 45.5 68.3





#49

1,4-Dioxane

Concen: 94.628 ug/l

RT: 9.450 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD073688.D

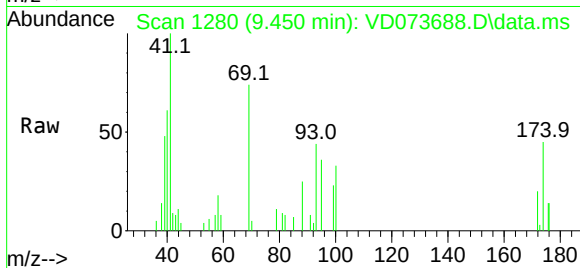
Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022



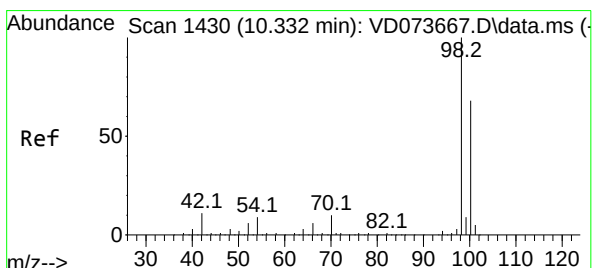
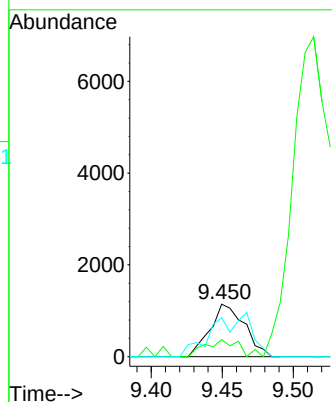
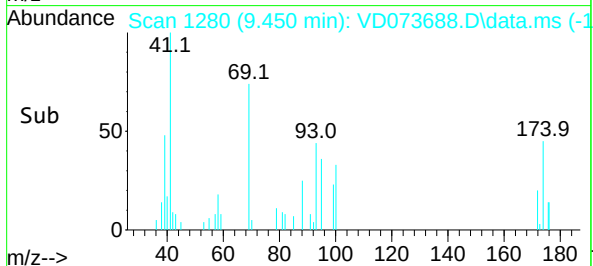
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 1929 |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 29.7  | 24.5  | 36.7 |
| 58        | 52.8  | 54.4  | 81.6 |

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#50

Toluene-d8

Concen: 48.845 ug/l

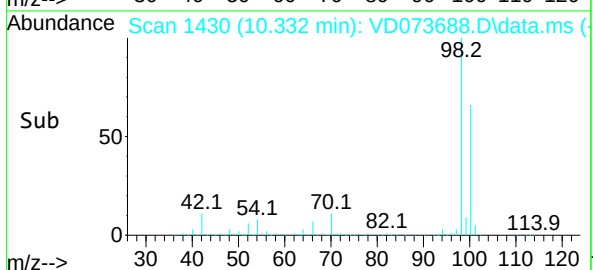
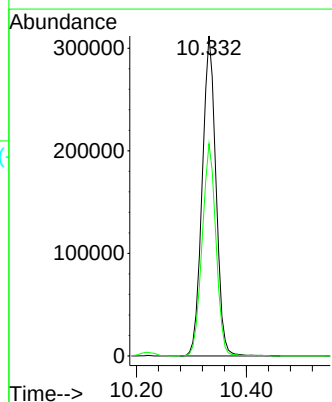
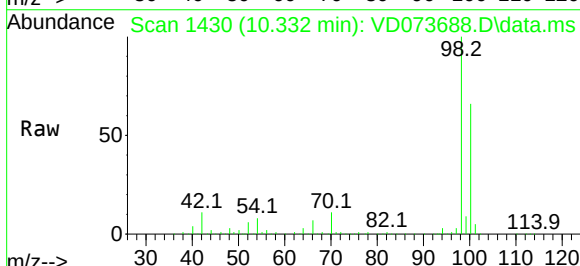
RT: 10.332 min Scan# 1430

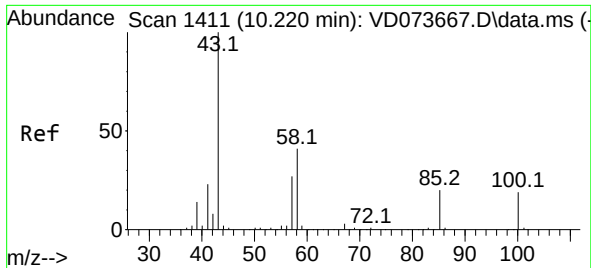
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 541392 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 66.6  | 54.0  | 81.0   |





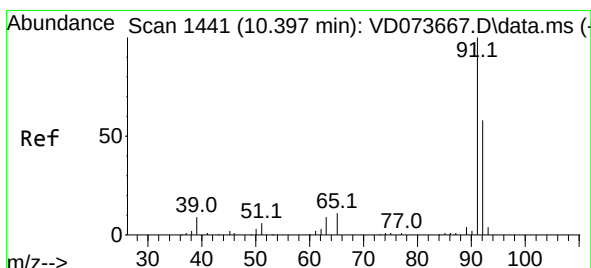
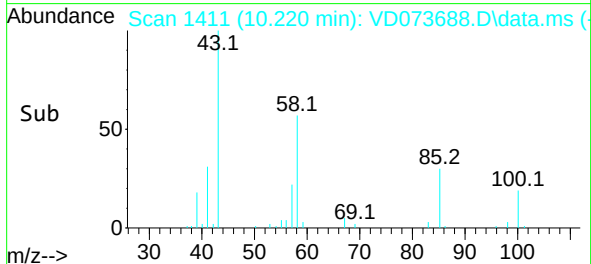
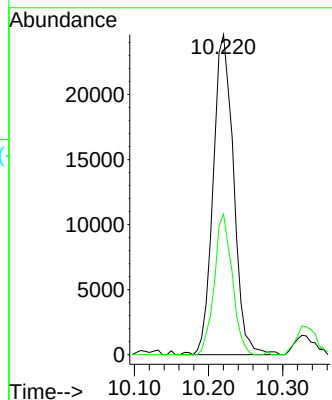
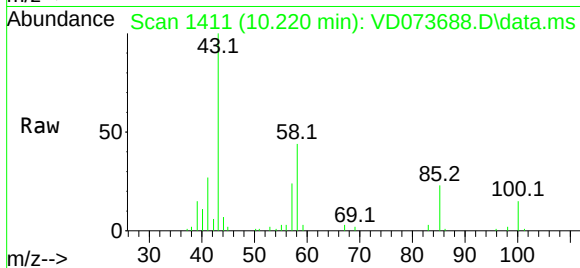
#51  
4-Methyl-2-Pentanone  
Concen: 27.473 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion: 43 Resp: 4711  
Ion Ratio Lower Upper  
43 100  
58 38.5 32.3 48.5

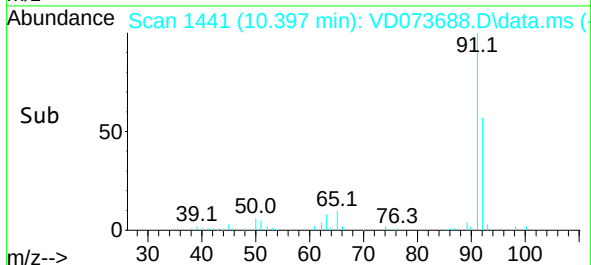
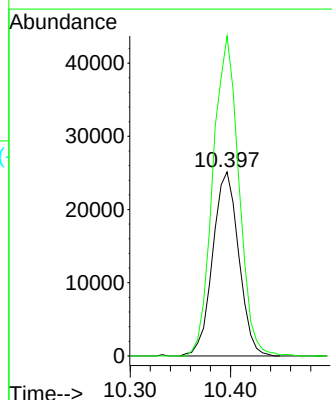
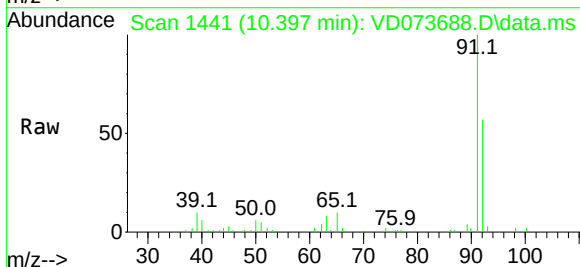
Manual Integrations  
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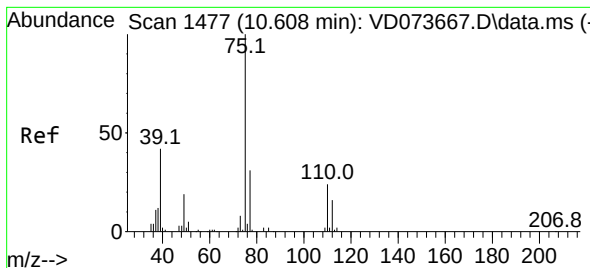
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#52  
Toluene  
Concen: 5.514 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

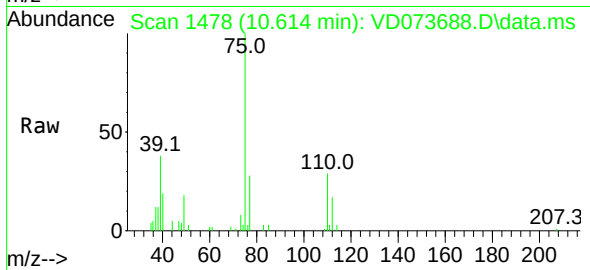
Tgt Ion: 92 Resp: 45323  
Ion Ratio Lower Upper  
92 100  
91 173.3 136.1 204.1





#53  
t-1,3-Dichloropropene  
Concen: 5.160 ug/l  
RT: 10.614 min Scan# 1477  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

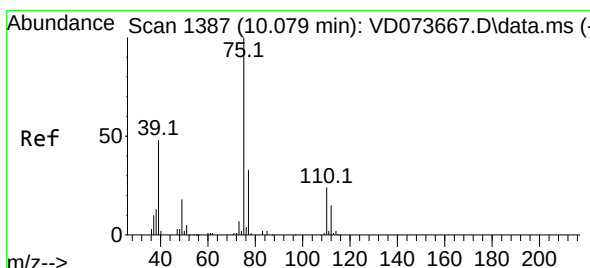
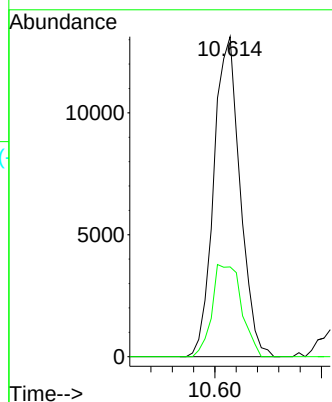
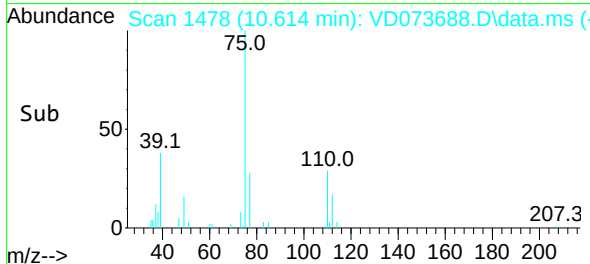
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 75 Resp: 2246  
Ion Ratio Lower Upper  
75 100  
77 28.0 24.6 37.0

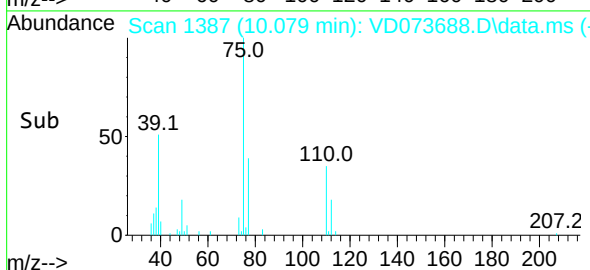
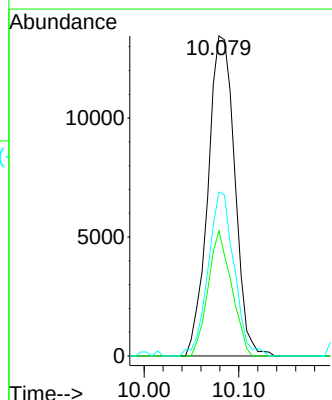
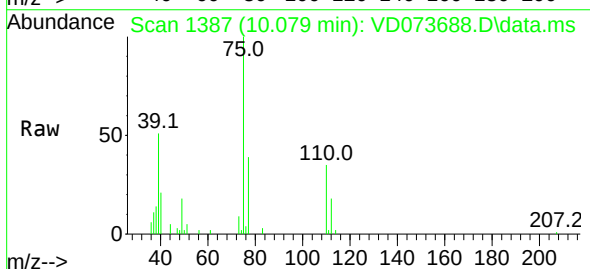
Manual Integrations  
APPROVED

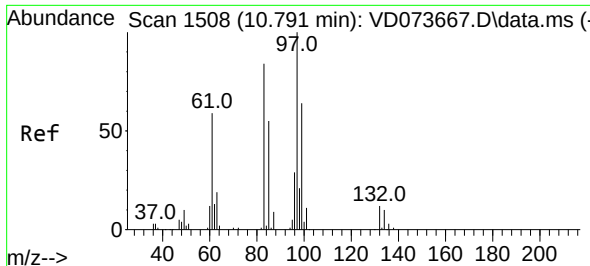
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#54  
cis-1,3-Dichloropropene  
Concen: 5.335 ug/l  
RT: 10.079 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

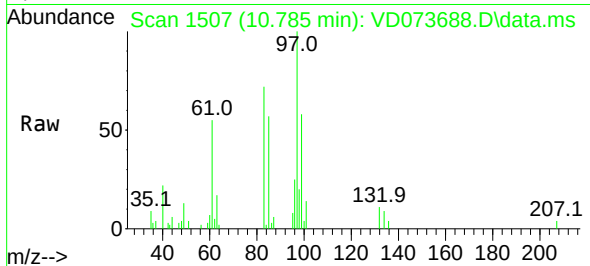
Tgt Ion: 75 Resp: 26440  
Ion Ratio Lower Upper  
75 100  
77 39.1 26.2 39.2  
39 51.3 38.0 57.0





#55  
1,1,2-Trichloroethane  
Concen: 5.978 ug/l  
RT: 10.785 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

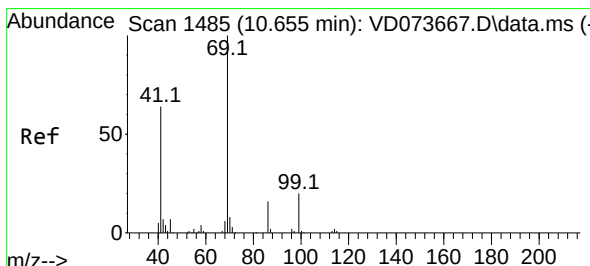
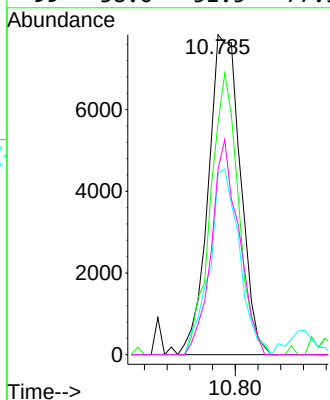
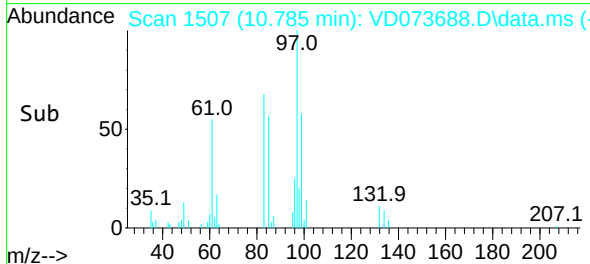
Instrument : MSVOA\_D  
ClientSampleId : VD073688.D  
LOQ-SOIL-02-QT2-2022



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 72.4  | 67.1  | 100.7 |
| 85      | 56.5  | 44.0  | 66.0  |
| 99      | 58.0  | 51.5  | 77.3  |

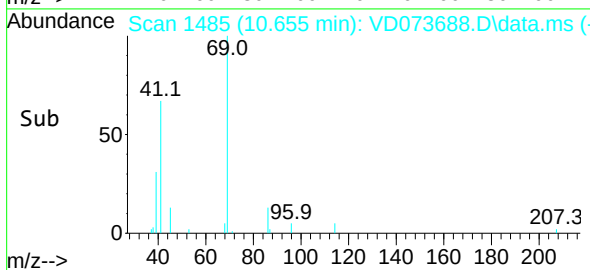
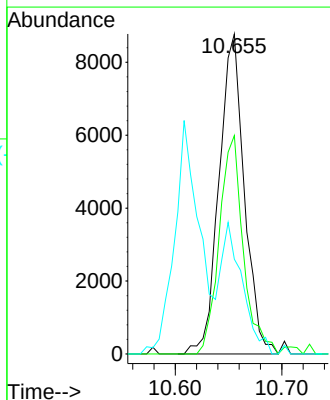
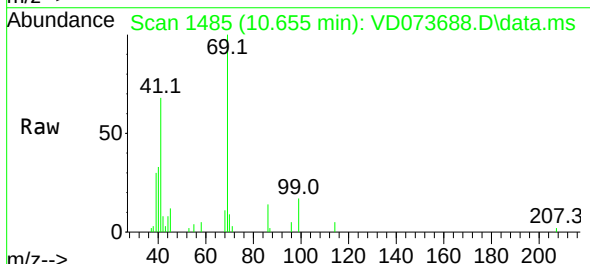
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

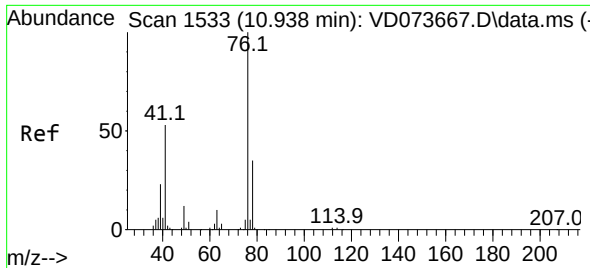


#56  
Ethyl methacrylate  
Concen: 4.988 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.9  | 51.6  | 77.4  |
| 39      | 34.1  | 29.2  | 43.8  |

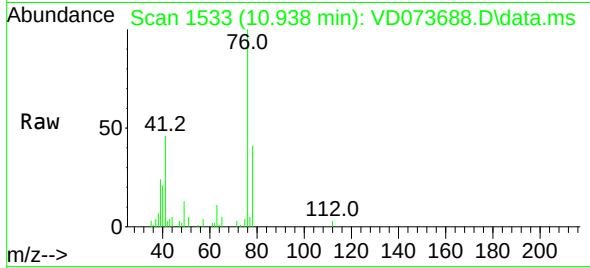






#57  
1,3-Dichloropropane  
Concen: 5.491 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

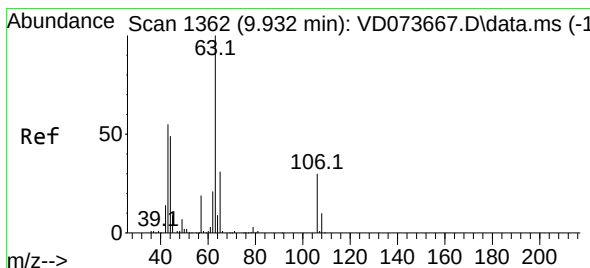
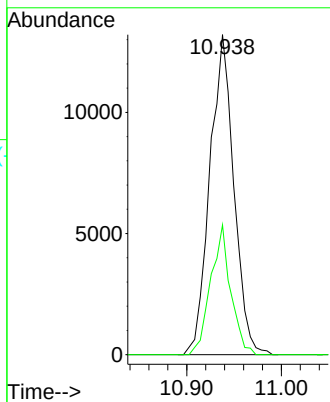
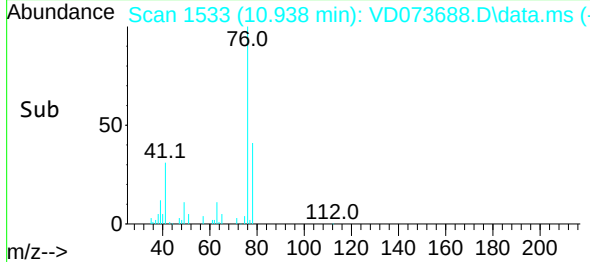
Instrument : MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 76 Resp: 2330  
Ion Ratio Lower Upper  
76 100  
78 33.7 27.1 40.7

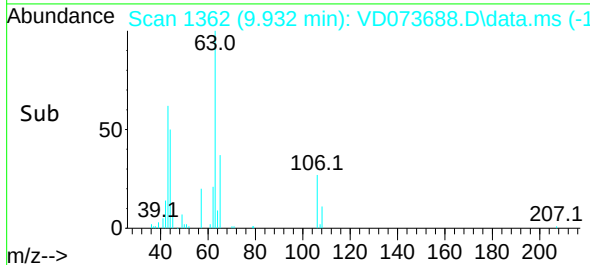
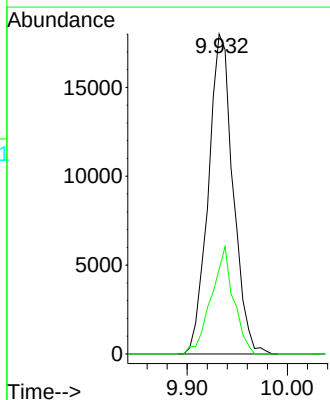
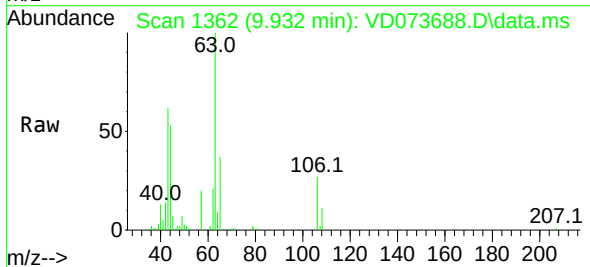
Manual Integrations  
APPROVED

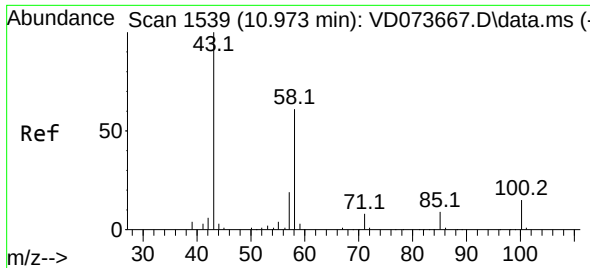
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#58  
2-Chloroethyl Vinyl ether  
Concen: 27.402 ug/l  
RT: 9.932 min Scan# 1362  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

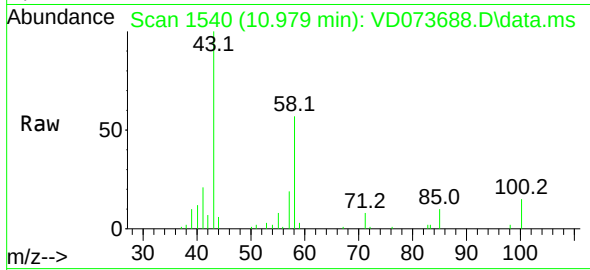
Tgt Ion: 63 Resp: 30845  
Ion Ratio Lower Upper  
63 100  
106 30.4 25.2 37.8





#59  
2-Hexanone  
Concen: 28.104 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

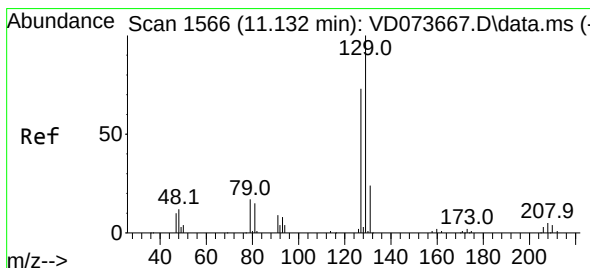
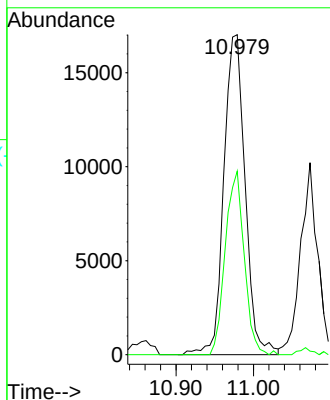
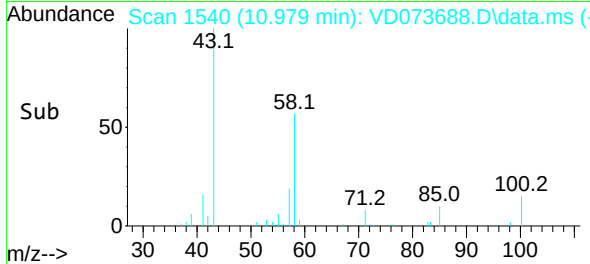
Instrument : MSVOA\_D  
ClientSampleId : LOQ-SOIL-02-QT2-2022



Tgt Ion: 43 Resp: 32540  
Ion Ratio Lower Upper  
43 100  
58 50.9 28.8 86.4

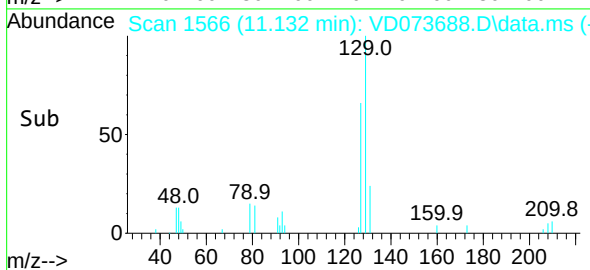
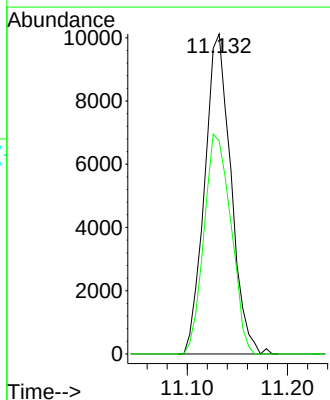
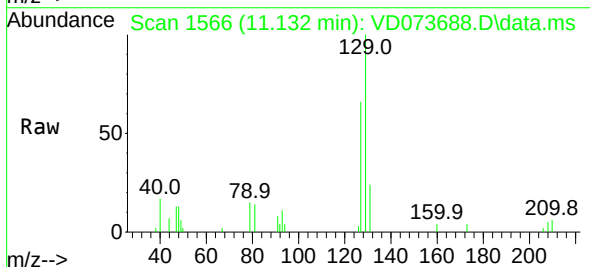
Manual Integrations  
APPROVED

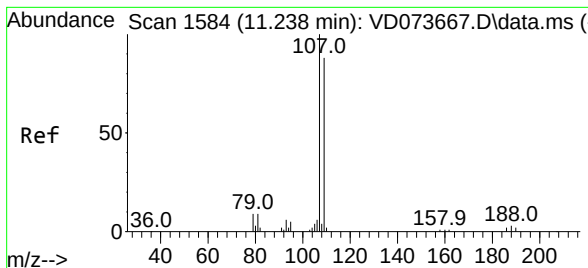
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#60  
Dibromochloromethane  
Concen: 5.420 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:129 Resp: 18383  
Ion Ratio Lower Upper  
129 100  
127 70.6 36.8 110.4





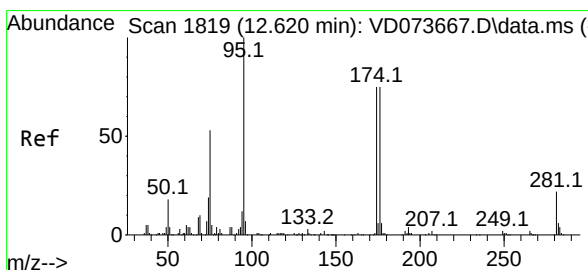
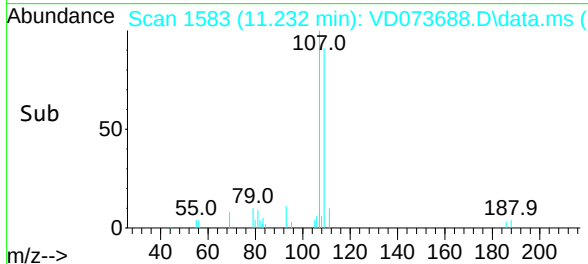
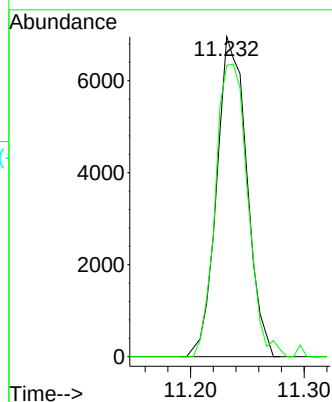
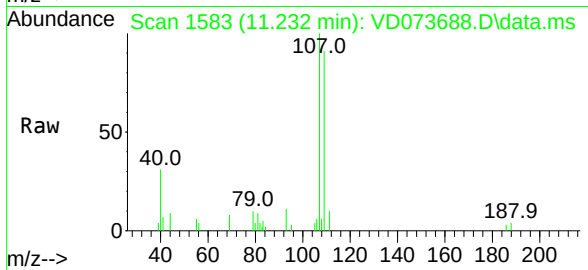
#61  
1,2-Dibromoethane  
Concen: 5.257 ug/l  
RT: 11.232 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion:107 Resp: 1280  
Ion Ratio Lower Upper  
107 100  
109 97.9 73.8 110.8

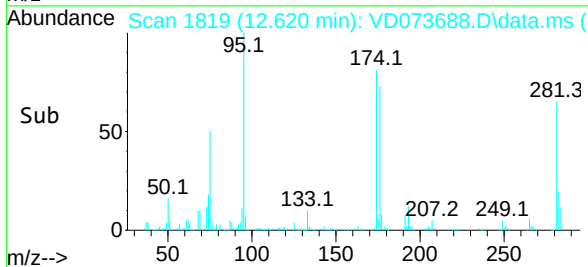
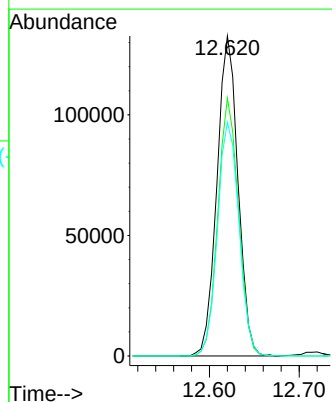
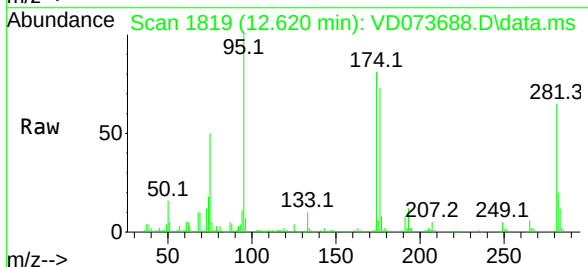
Manual Integrations  
APPROVED

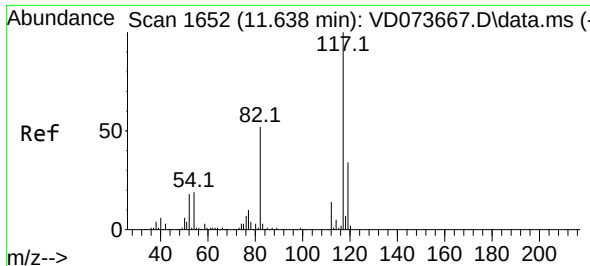
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#62  
4-Bromofluorobenzene  
Concen: 52.037 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

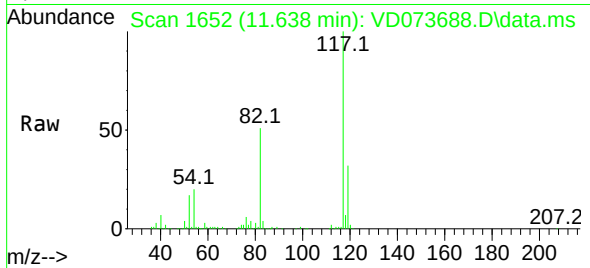
Tgt Ion: 95 Resp: 216325  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 158.4  
176 74.5 0.0 154.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

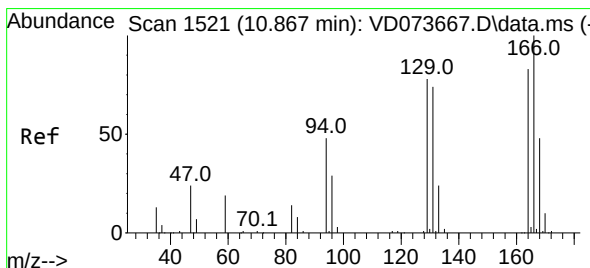
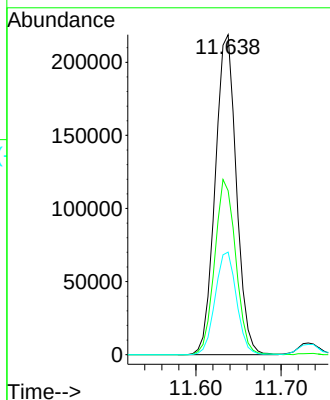
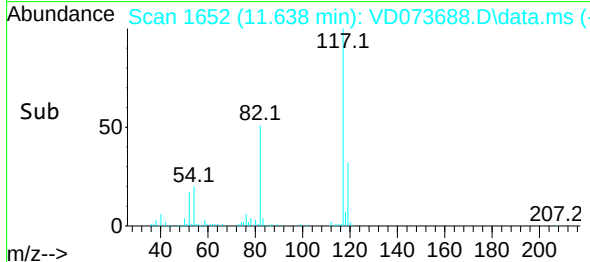
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



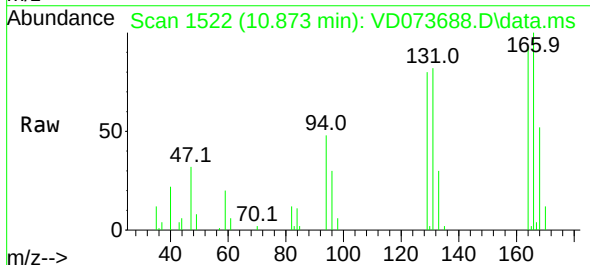
Tgt Ion:117 Resp: 37789  
Ion Ratio Lower Upper  
117 100  
82 51.2 41.5 62.3  
119 32.1 27.1 40.7

Manual Integrations  
APPROVED

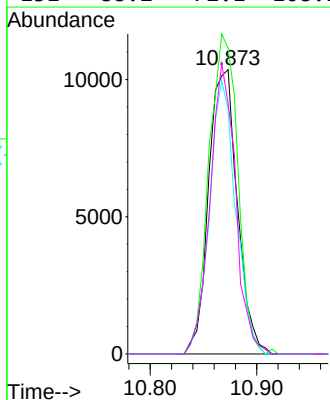
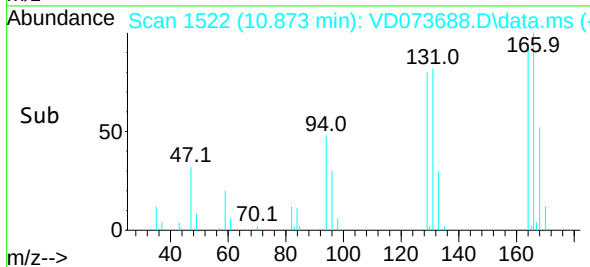
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

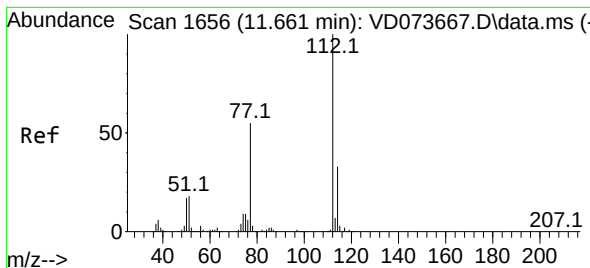


#64  
Tetrachloroethene  
Concen: 6.476 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



Tgt Ion:164 Resp: 19377  
Ion Ratio Lower Upper  
164 100  
166 107.5 97.0 145.4  
129 86.1 75.2 112.8  
131 88.2 72.1 108.1





#65

Chlorobenzene

Concen: 5.568 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

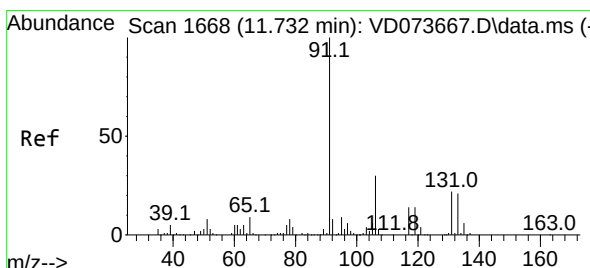
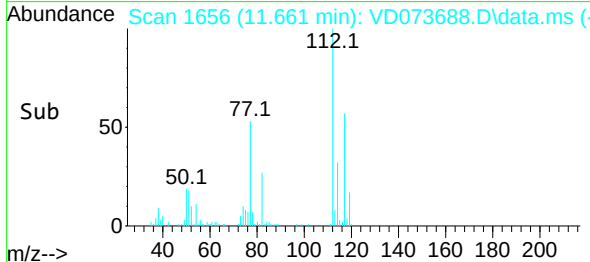
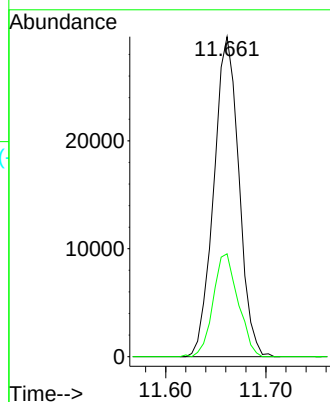
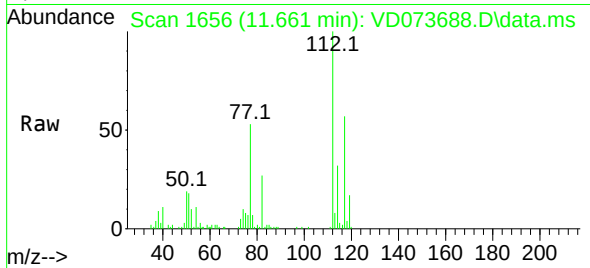
LOQ-SOIL-02-QT2-2022

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 51494 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 114       | 32.1  | 26.6  | 39.8  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 5.252 ug/l

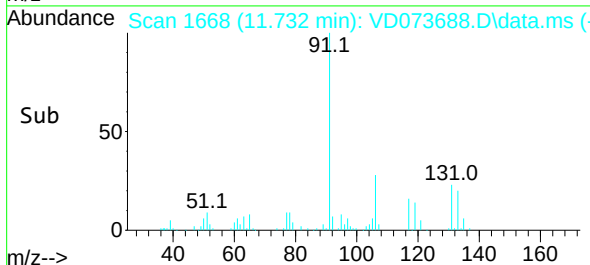
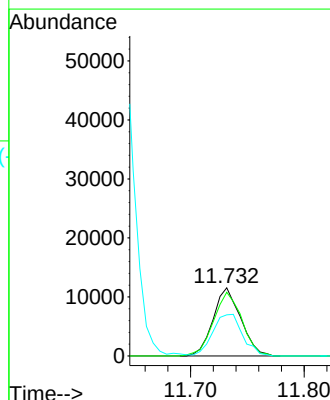
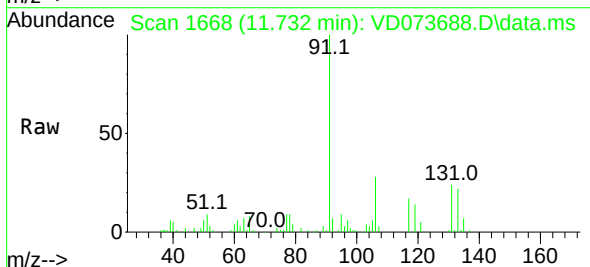
RT: 11.732 min Scan# 1668

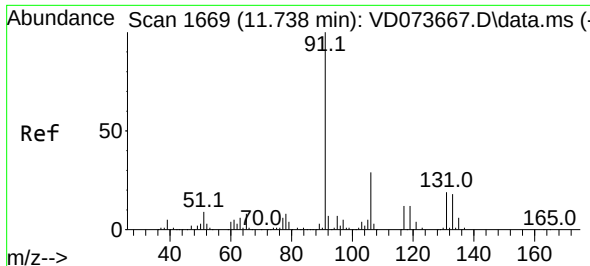
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 131   | Resp: | 19516 |
| Ion Ratio | Lower | Upper |       |
| 131       | 100   |       |       |
| 133       | 96.1  | 47.1  | 141.4 |
| 119       | 65.6  | 31.4  | 94.3  |





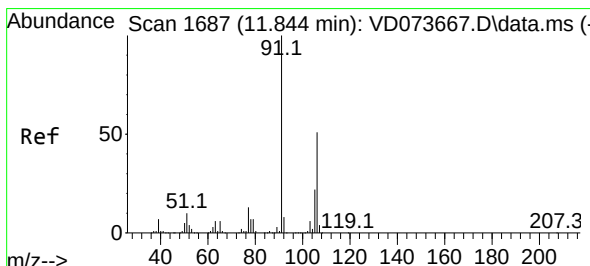
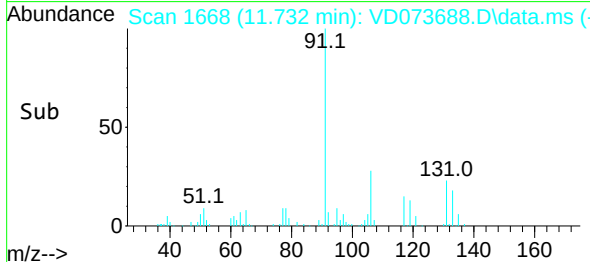
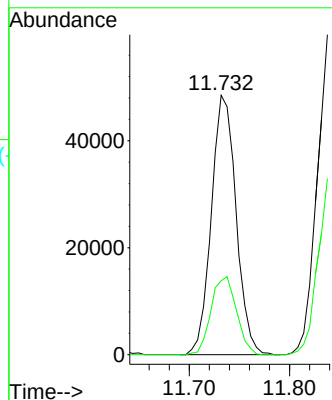
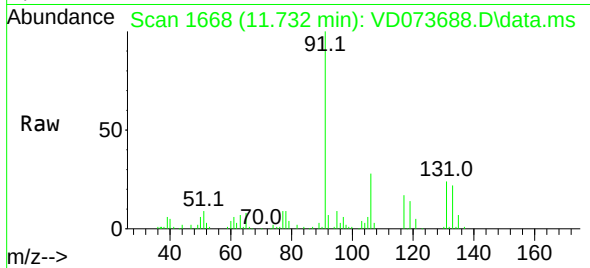
#67  
Ethyl Benzene  
Concen: 5.155 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 8321  
Ion Ratio Lower Upper  
91 100  
106 28.5 23.5 35.3

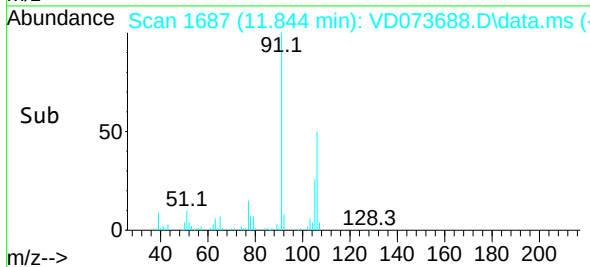
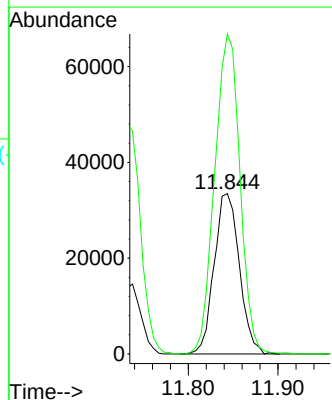
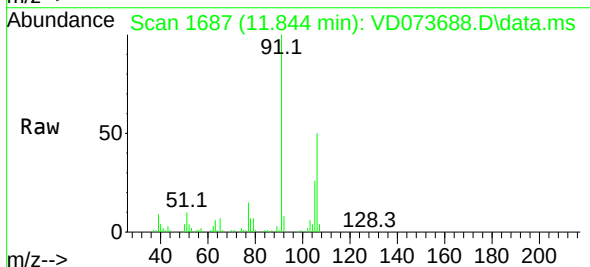
Manual Integrations  
APPROVED

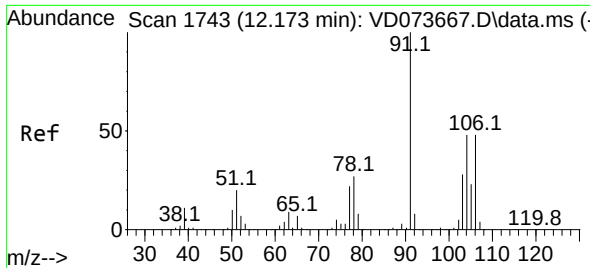
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#68  
m/p-Xylenes  
Concen: 10.470 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:106 Resp: 65304  
Ion Ratio Lower Upper  
106 100  
91 200.6 161.4 242.2





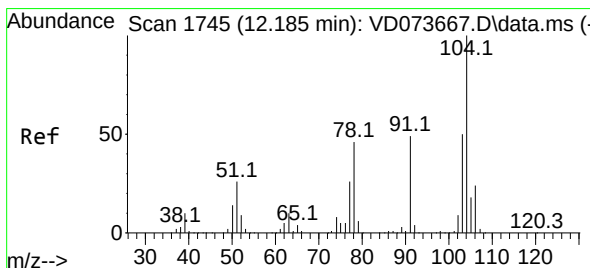
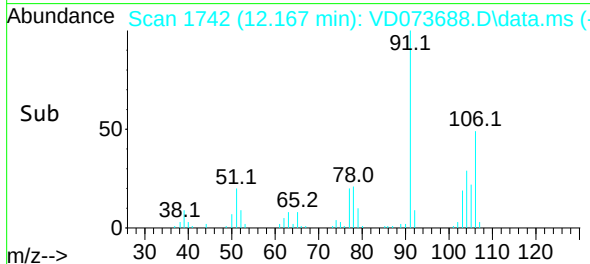
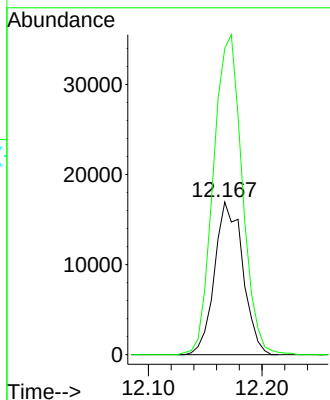
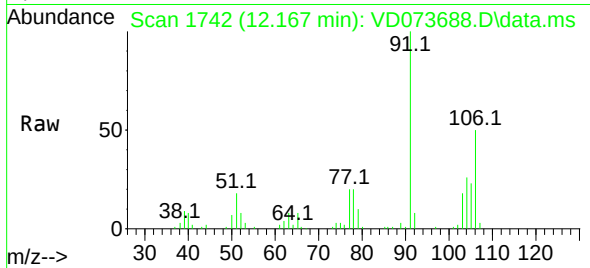
#69  
o-Xylene  
Concen: 5.049 ug/l  
RT: 12.167 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument : MSVOA\_D  
ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion:106 Resp: 29210  
Ion Ratio Lower Upper  
106 100  
91 214.2 107.6 322.8

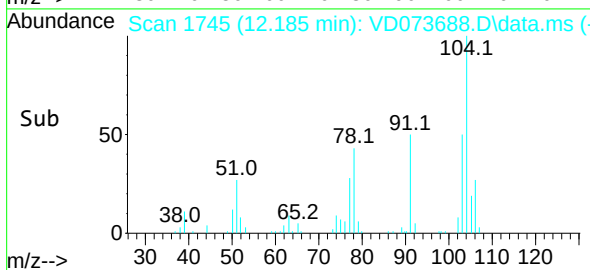
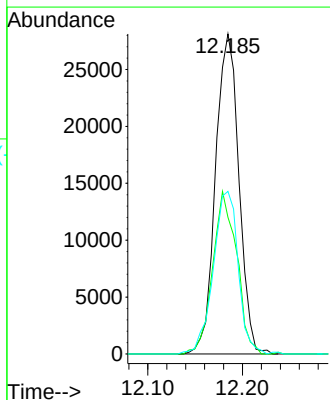
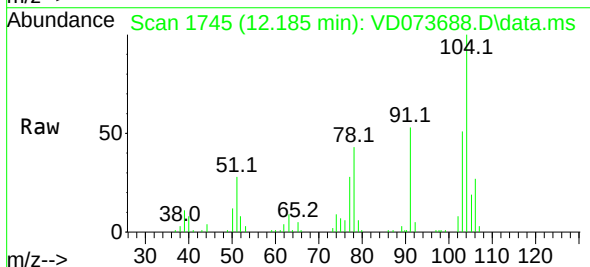
Manual Integrations  
APPROVED

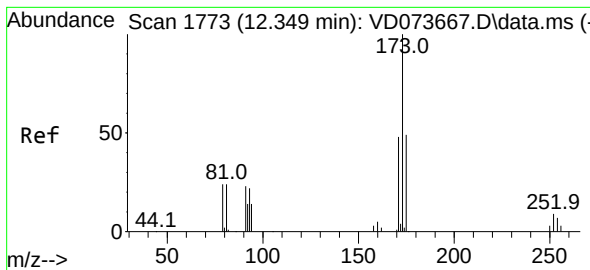
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#70  
Styrene  
Concen: 4.771 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:104 Resp: 48298  
Ion Ratio Lower Upper  
104 100  
78 52.1 39.8 59.8  
103 54.2 43.3 64.9





#71

Bromoform

Concen: 5.312 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

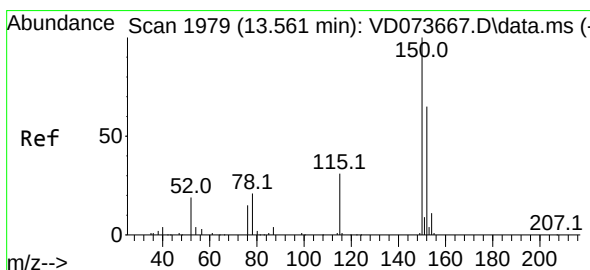
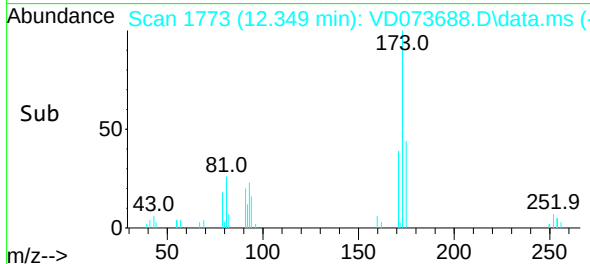
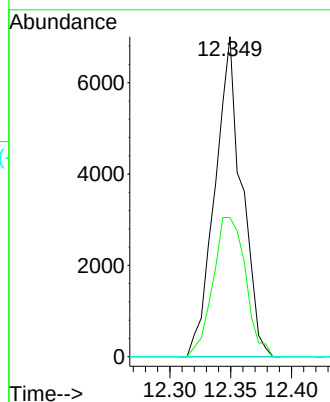
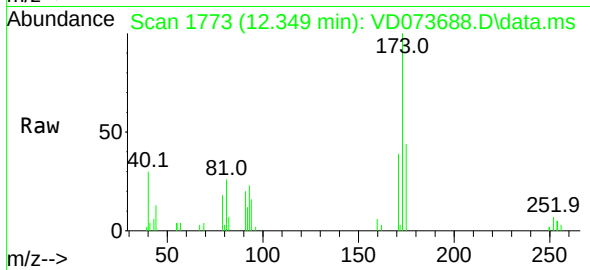
LOQ-SOIL-02-QT2-2022

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 10740 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 52.7  | 24.0  | 72.0  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

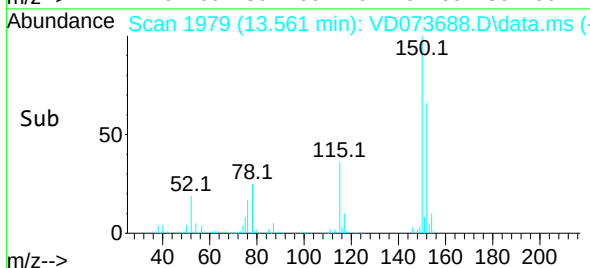
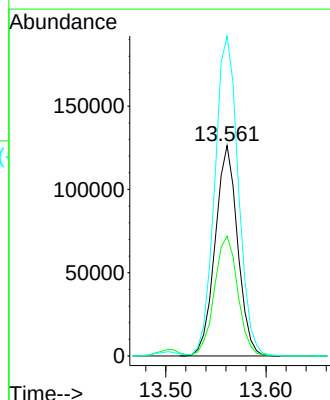
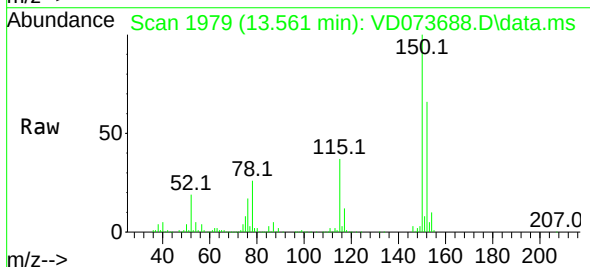
RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

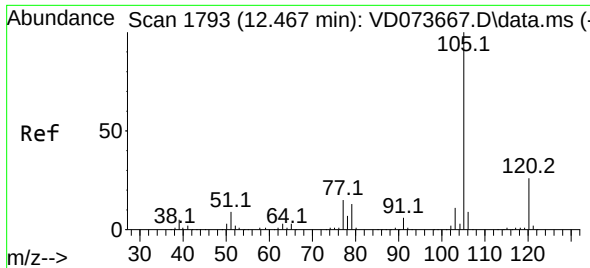
Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 196155 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.5  | 30.6  | 91.6   |
| 150       | 159.5 | 0.0   | 355.0  |

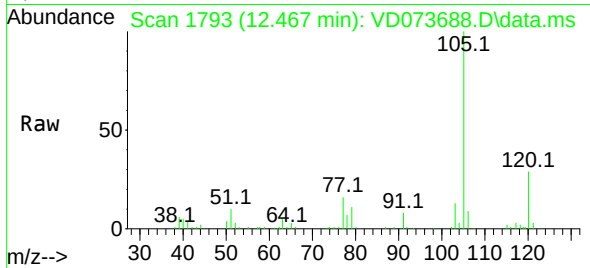






#73  
Isopropylbenzene  
Concen: 4.827 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

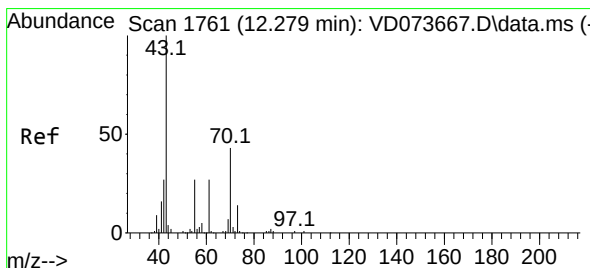
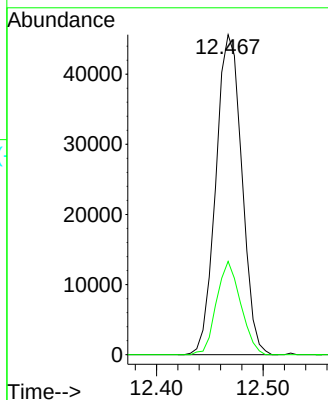
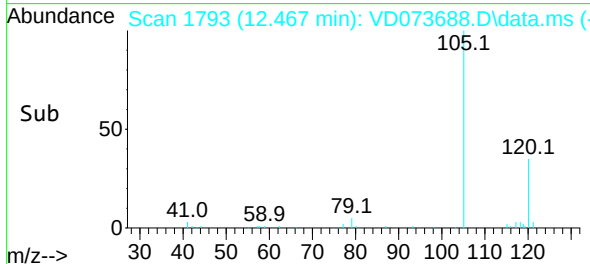
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:105 Resp: 77309  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.2 39.6

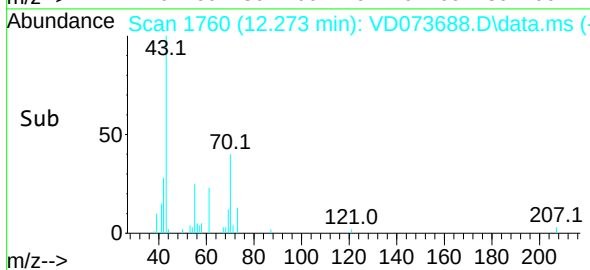
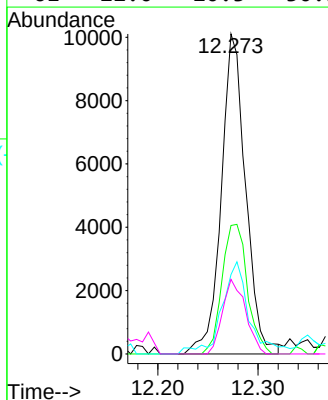
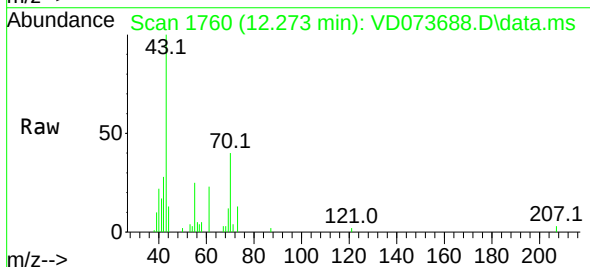
Manual Integrations  
APPROVED

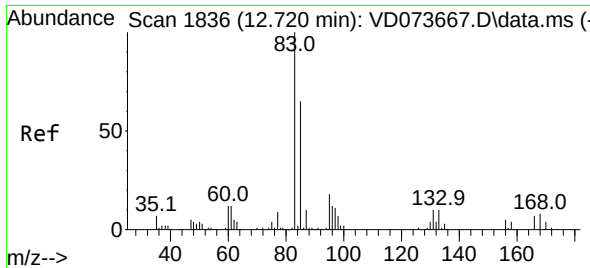
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#74  
N-ethyl acetate  
Concen: 5.202 ug/l  
RT: 12.273 min Scan# 1760  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

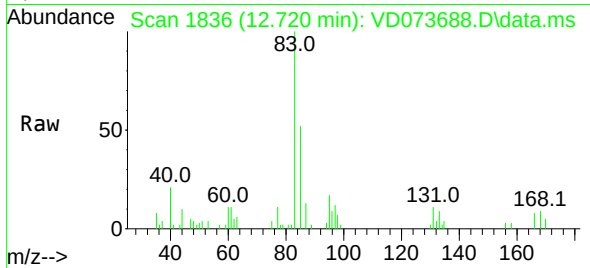
Tgt Ion: 43 Resp: 17051  
Ion Ratio Lower Upper  
43 100  
70 42.0 35.0 52.6  
55 32.2 21.0 31.4#  
61 22.0 20.3 30.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.632 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

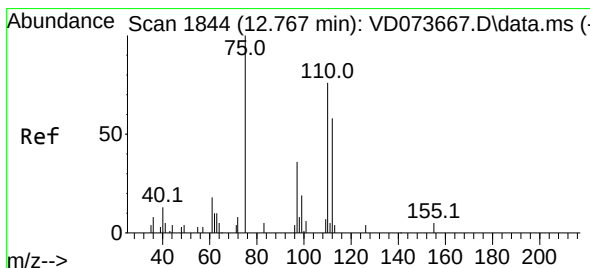
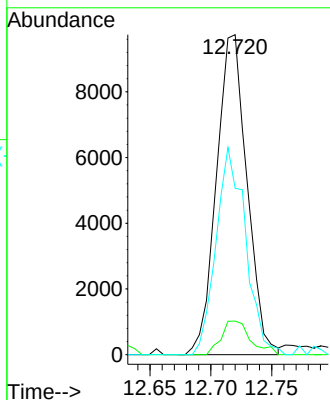
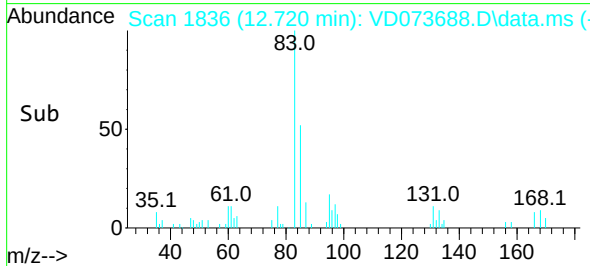
Instrument : MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion: 83 Resp: 17019  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.5 16.7  
85 62.6 32.3 96.9

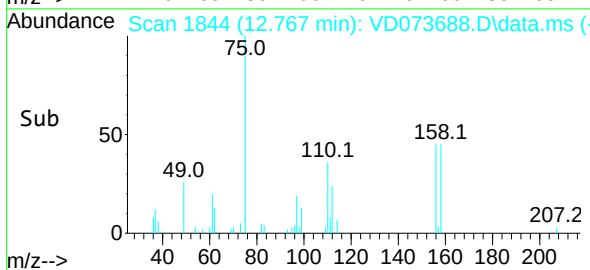
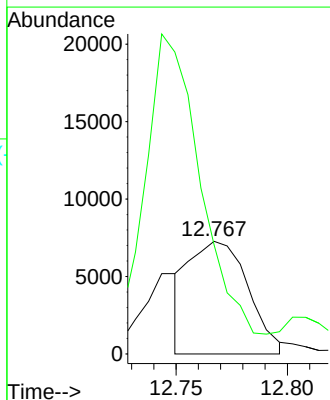
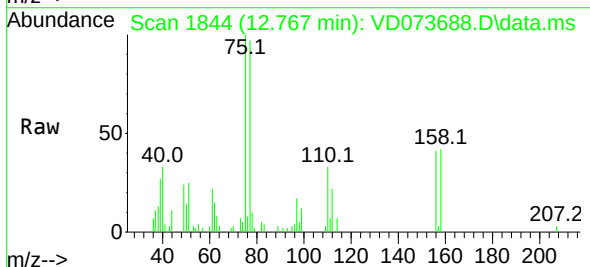
Manual Integrations  
APPROVED

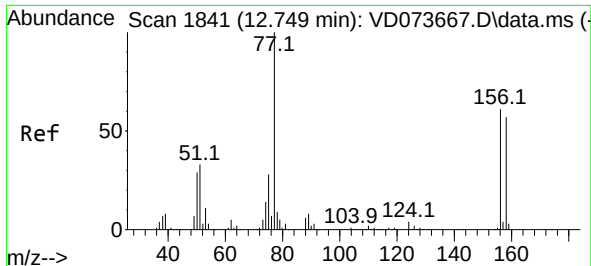
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#76  
1,2,3-Trichloropropane  
Concen: 7.076 ug/l m  
RT: 12.767 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

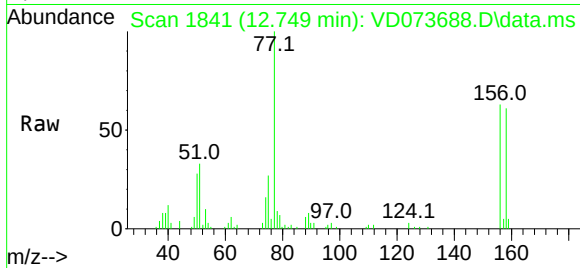
Tgt Ion: 75 Resp: 13508  
Ion Ratio Lower Upper  
75 100  
77 0.0 195.3 586.0#





#77  
Bromobenzene  
Concen: 5.303 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

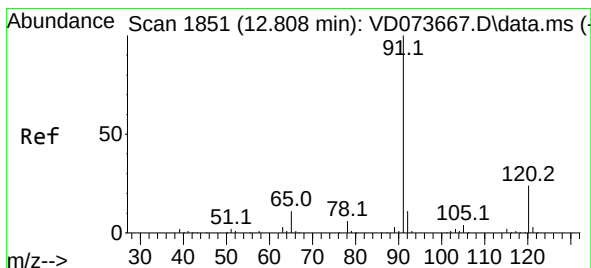
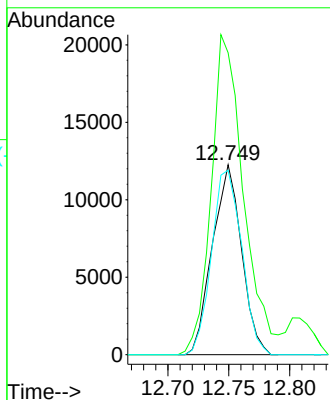
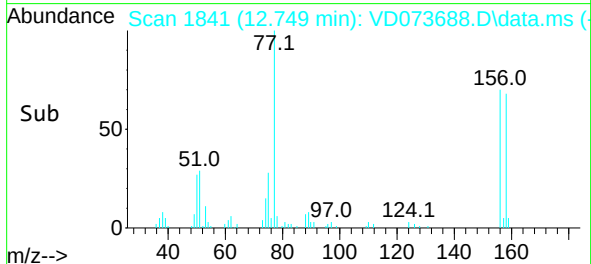
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



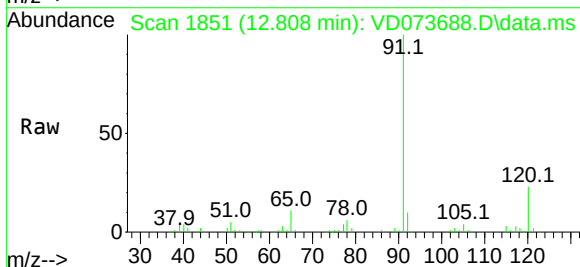
Tgt Ion:156 Resp: 20429  
Ion Ratio Lower Upper  
156 100  
77 186.3 90.9 272.7  
158 100.5 48.4 145.2

Manual Integrations  
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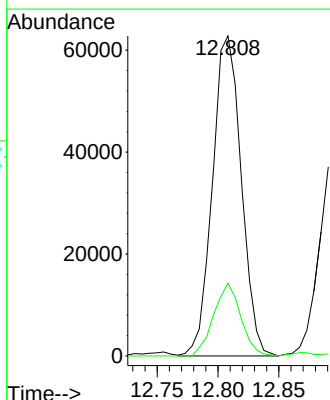
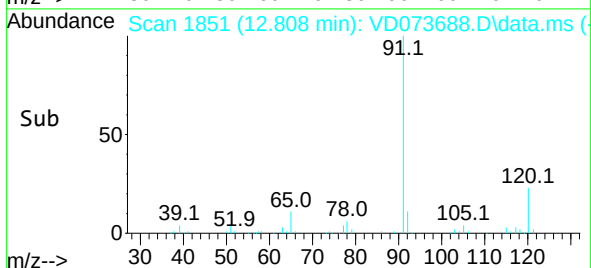
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

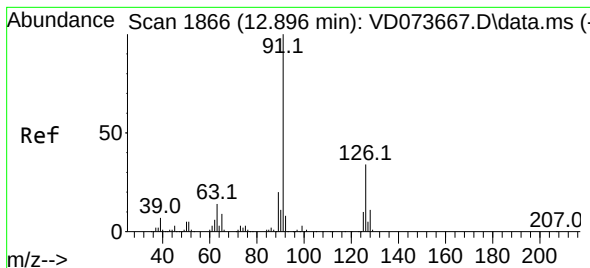


#78  
n-propylbenzene  
Concen: 5.282 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



Tgt Ion: 91 Resp: 103408  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.8 35.3





#79

2-Chlorotoluene

Concen: 5.385 ug/l

RT: 12.891 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

LOQ-SOIL-02-QT2-2022

Tgt Ion: 91 Resp: 6140

Ion Ratio Lower Upper

91 100

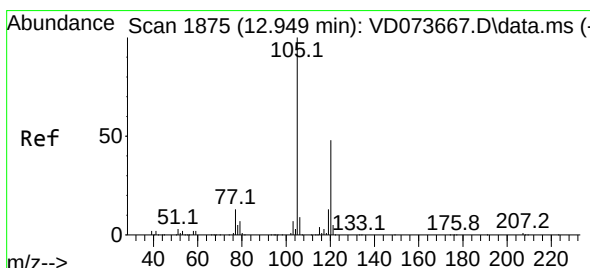
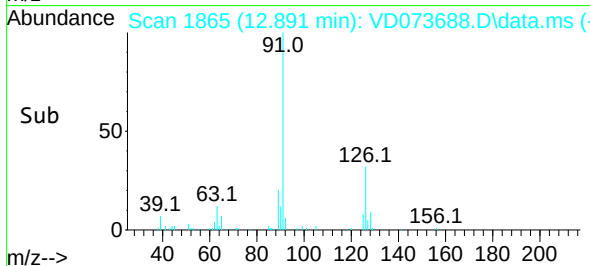
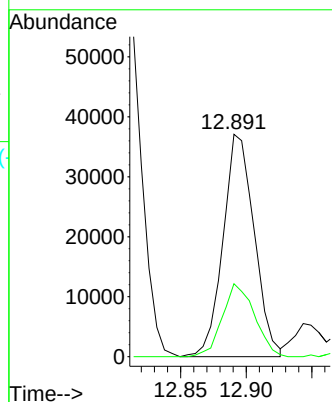
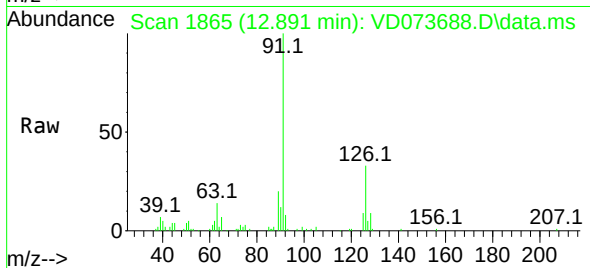
126 33.8 17.4 52.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022

Supervised By :Semsettin Yesilyurt 06/28/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.979 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073688.D

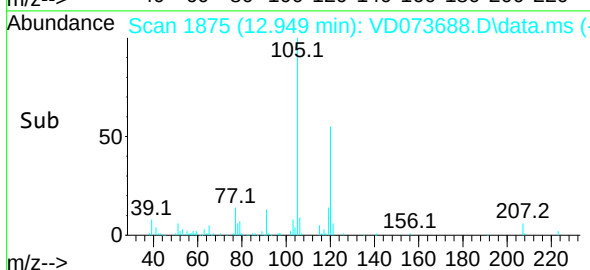
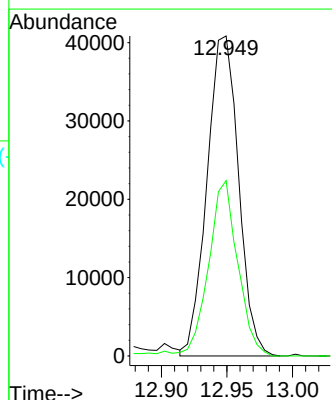
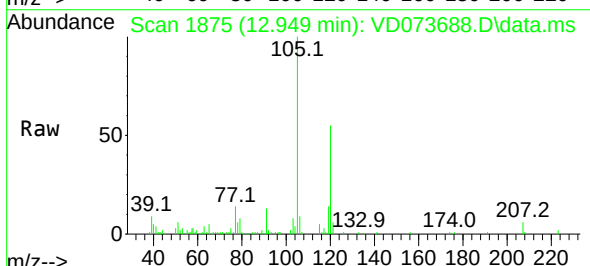
Acq: 24 Jun 2022 15:28

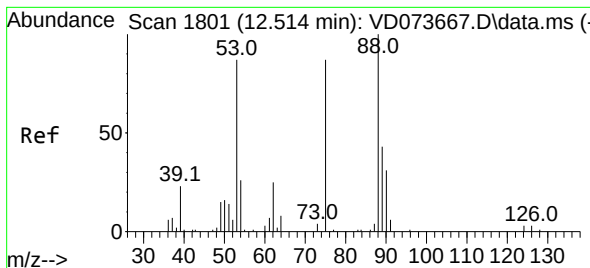
Tgt Ion:105 Resp: 68375

Ion Ratio Lower Upper

105 100

120 51.3 24.5 73.5





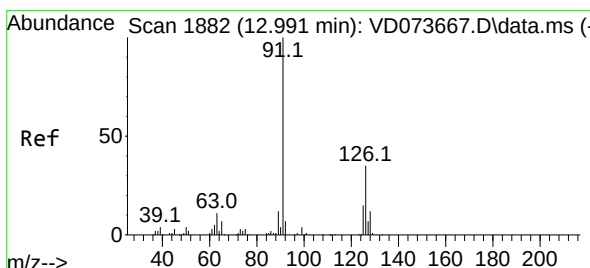
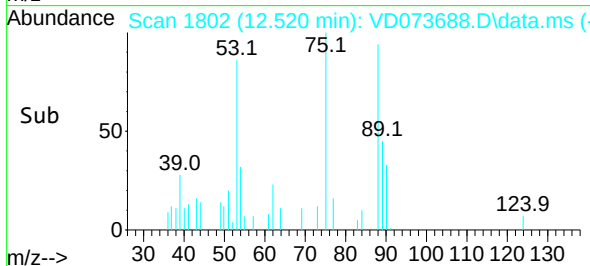
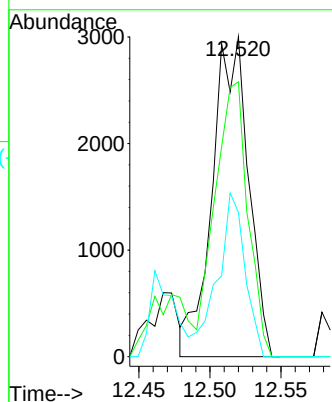
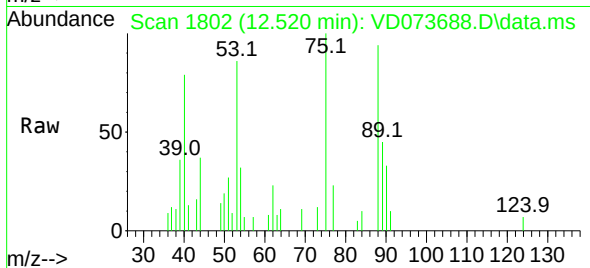
#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.680 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument : MSVOA\_D  
ClientSampleId : LOQ-SOIL-02-QT2-2022

Tgt Ion: 75 Resp: 531  
Ion Ratio Lower Upper  
75 100  
53 77.8 77.0 115.6  
89 39.2 37.8 56.8

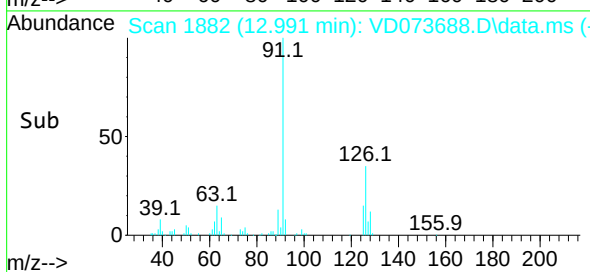
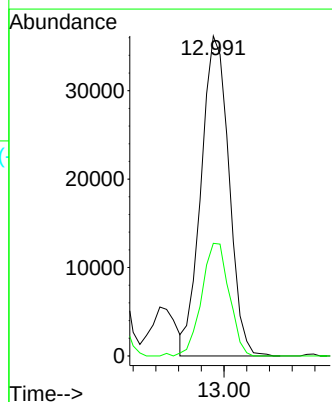
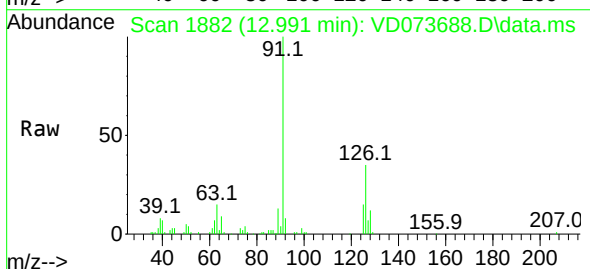
Manual Integrations  
APPROVED

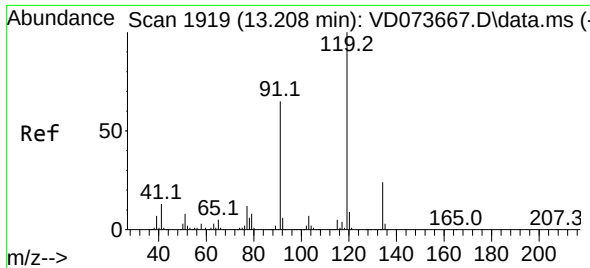
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#82  
4-Chlorotoluene  
Concen: 5.079 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

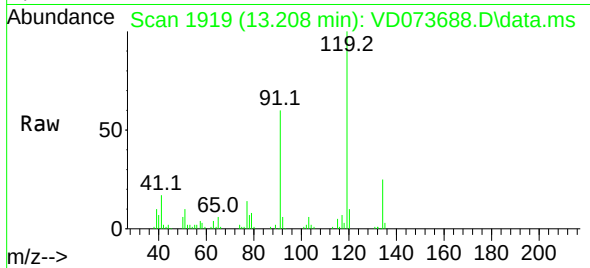
Tgt Ion: 91 Resp: 61576  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.8 50.4





#83  
tert-Butylbenzene  
Concen: 4.828 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

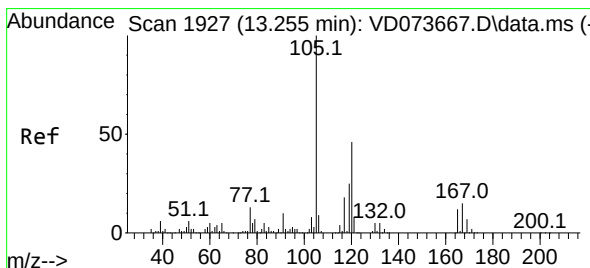
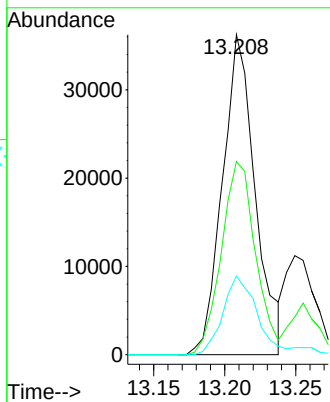
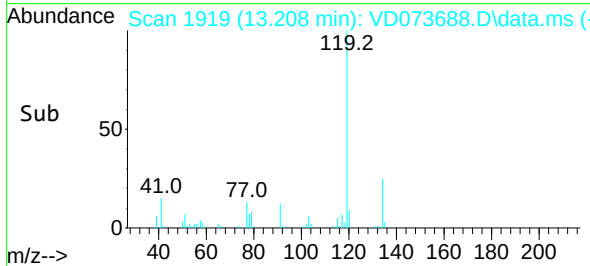
Instrument : MSVOA\_D  
ClientSampleId : LOQ-SOIL-02-QT2-2022



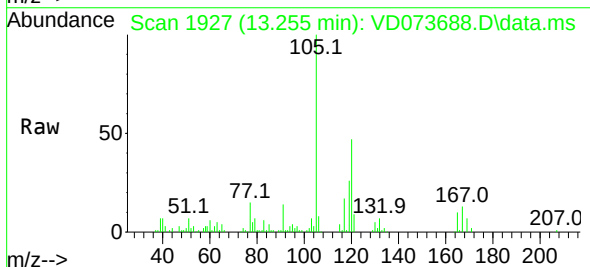
Tgt Ion:119 Resp: 58279  
Ion Ratio Lower Upper  
119 100  
91 62.7 32.1 96.5  
134 25.2 12.4 37.4

Manual Integrations  
APPROVED

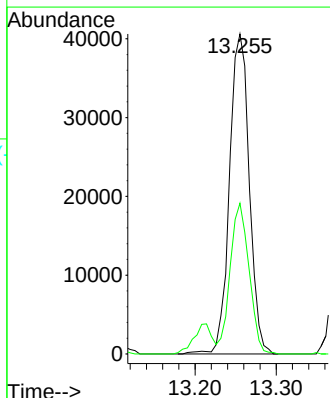
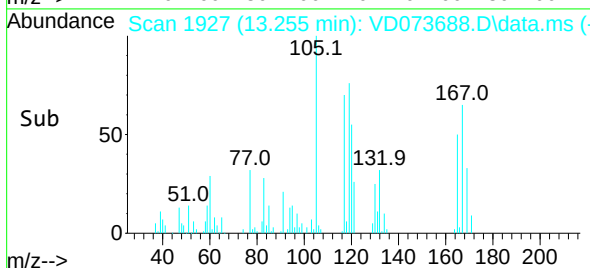
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

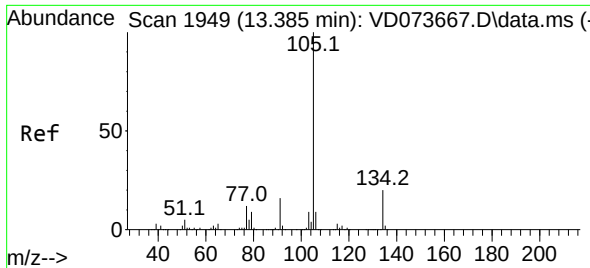


#84  
1,2,4-Trimethylbenzene  
Concen: 5.088 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



Tgt Ion:105 Resp: 68627  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.6 67.8





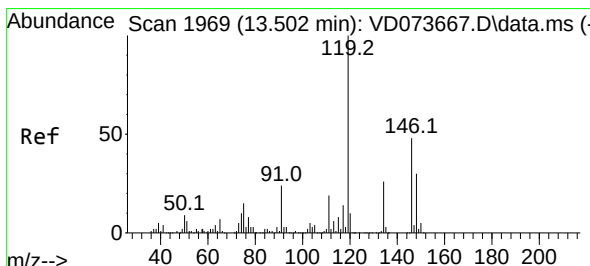
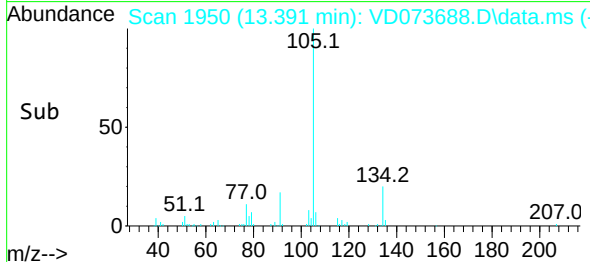
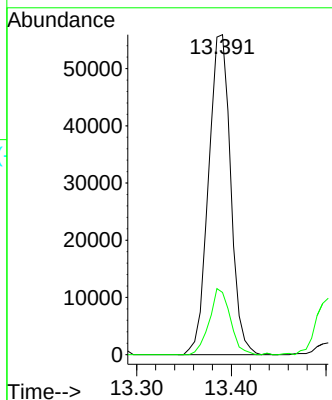
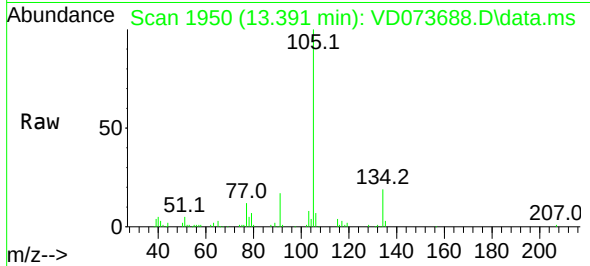
#85  
 sec-Butylbenzene  
 Concen: 5.114 ug/l  
 RT: 13.391 min Scan# 1949  
 Delta R.T. 0.006 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28

Instrument : MSVOA\_D  
 ClientSampleId :  
 LOQ-SOIL-02-QT2-2022

Tgt Ion:105 Resp: 90789  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 10.4 31.2

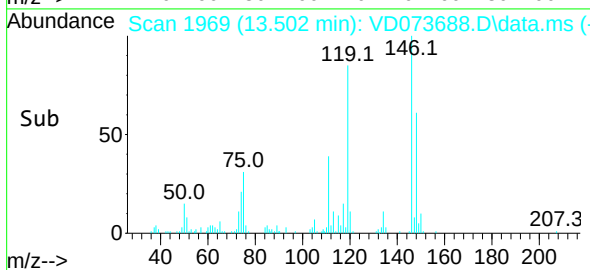
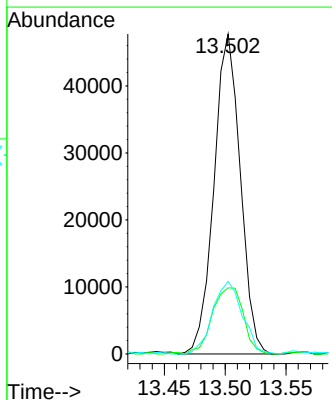
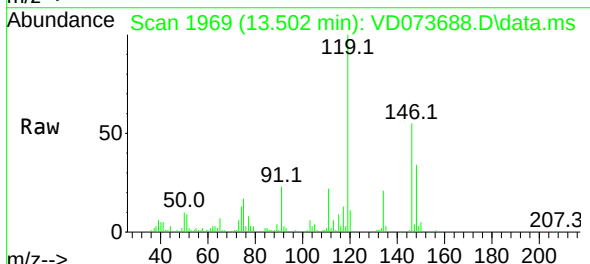
Manual Integrations  
 APPROVED

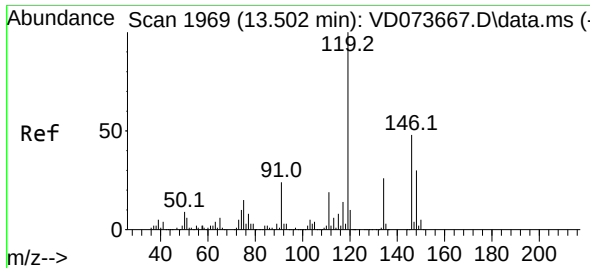
Reviewed By :Mahesh Dadoda 06/28/2022  
 Supervised By :Semsettin Yesilyurt 06/28/2022



#86  
 p-Isopropyltoluene  
 Concen: 4.851 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD073688.D  
 Acq: 24 Jun 2022 15:28

Tgt Ion:119 Resp: 71691  
 Ion Ratio Lower Upper  
 119 100  
 134 24.7 13.0 39.0  
 91 25.7 12.1 36.3





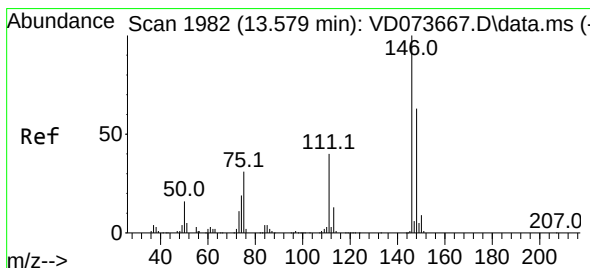
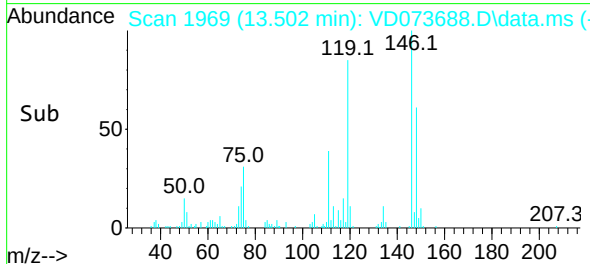
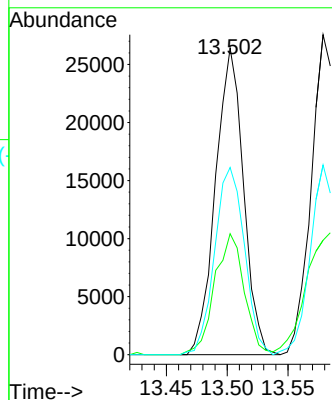
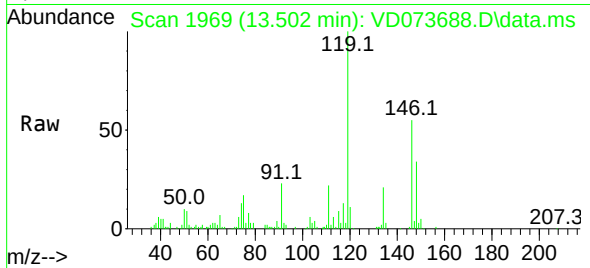
#87  
1,3-Dichlorobenzene  
Concen: 5.272 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion:146 Resp: 42285  
Ion Ratio Lower Upper  
146 100  
111 41.7 20.3 60.9  
148 64.9 31.6 95.0

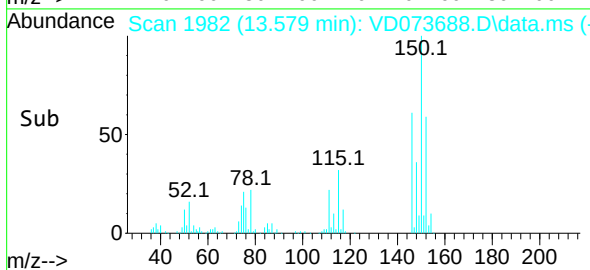
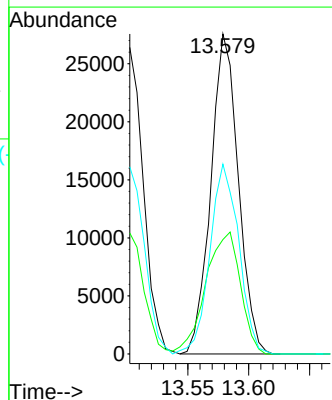
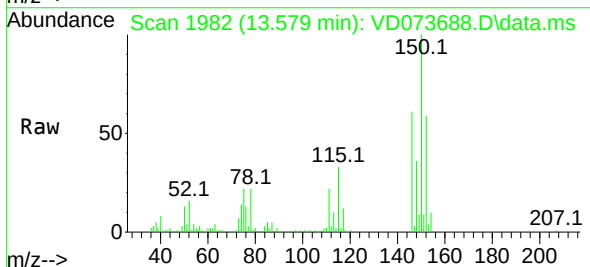
Manual Integrations  
APPROVED

Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

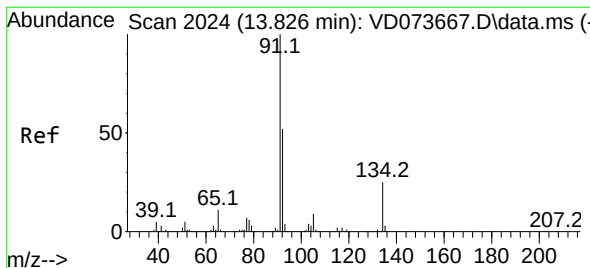


#88  
1,4-Dichlorobenzene  
Concen: 5.456 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:146 Resp: 43314  
Ion Ratio Lower Upper  
146 100  
111 48.0 19.6 58.8  
148 62.3 31.8 95.3







#89

n-Butylbenzene

Concen: 4.930 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

Instrument :

MSVOA\_D

ClientSampleId :

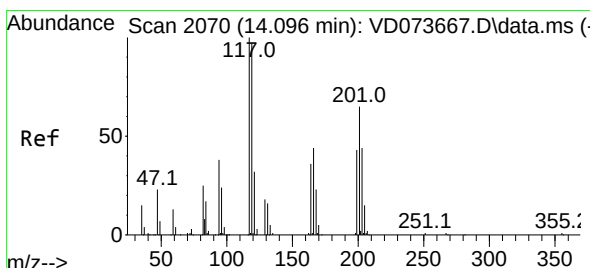
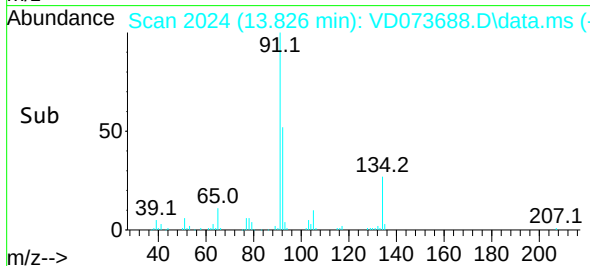
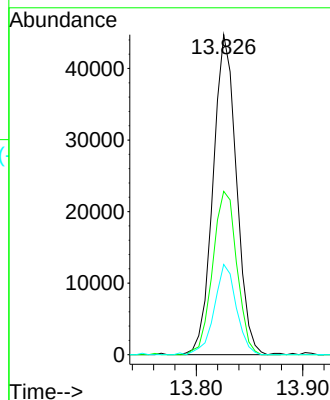
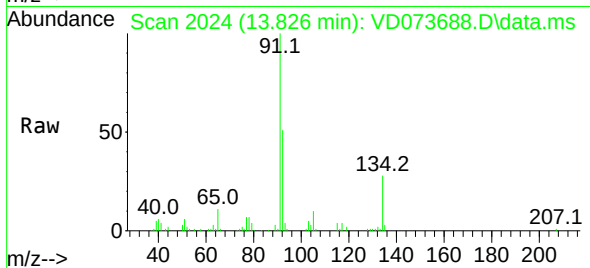
LOQ-SOIL-02-QT2-2022

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 68220 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 52.7  | 26.4  | 79.2  |
| 134       | 26.7  | 12.7  | 38.0  |

Manual Integrations

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#90

Hexachloroethane

Concen: 5.288 ug/l

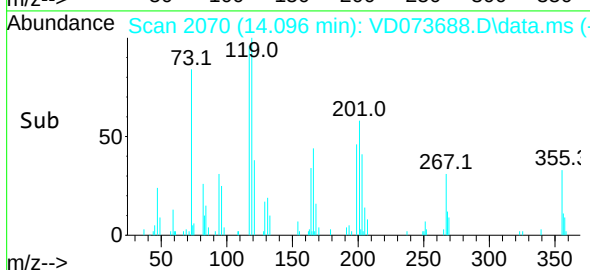
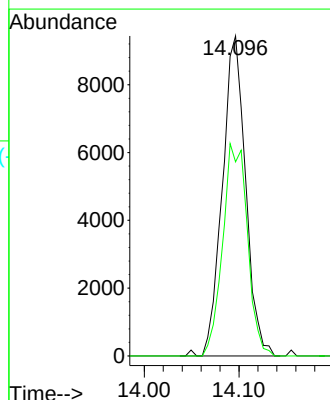
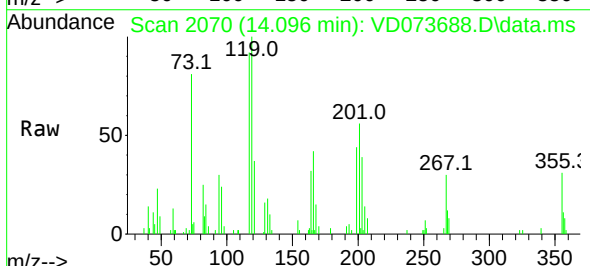
RT: 14.096 min Scan# 2070

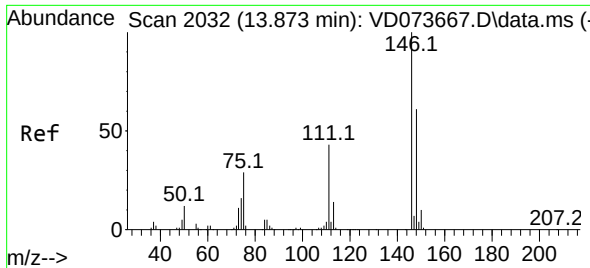
Delta R.T. 0.000 min

Lab File: VD073688.D

Acq: 24 Jun 2022 15:28

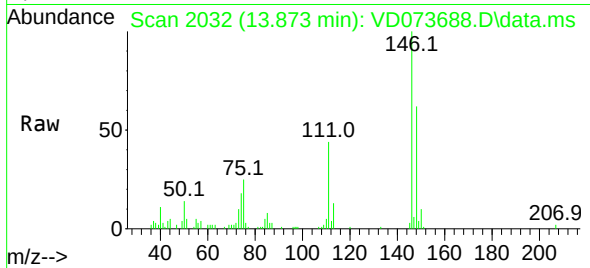
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 16110 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 70.3  | 33.8  | 101.4 |





#91  
1,2-Dichlorobenzene  
Concen: 5.432 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

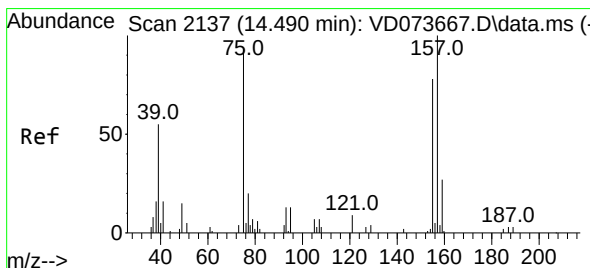
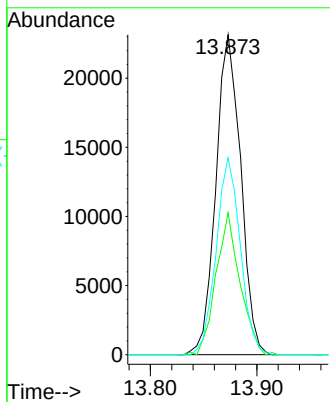
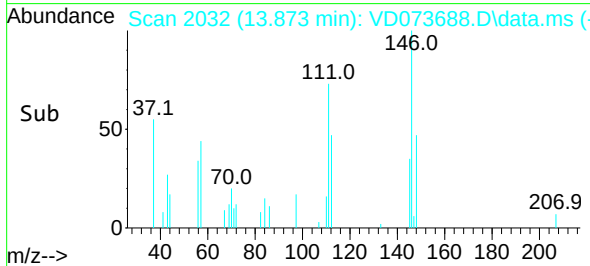
Instrument :  
MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



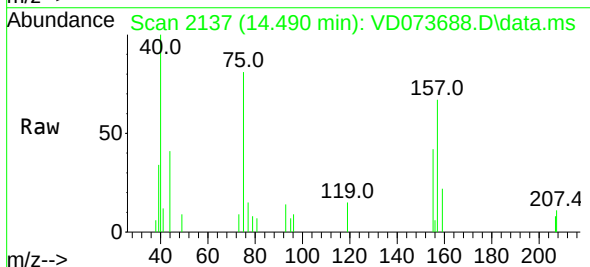
Tgt Ion:146 Resp: 37486  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.1 63.3  
148 59.9 31.6 94.7

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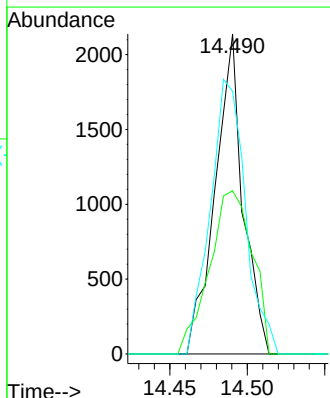
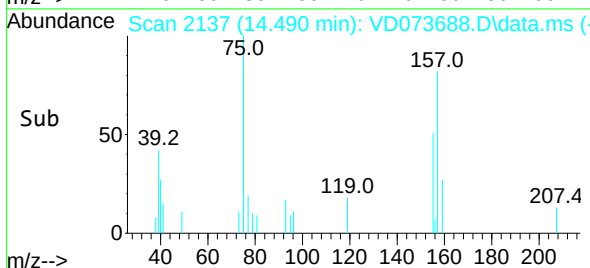
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022

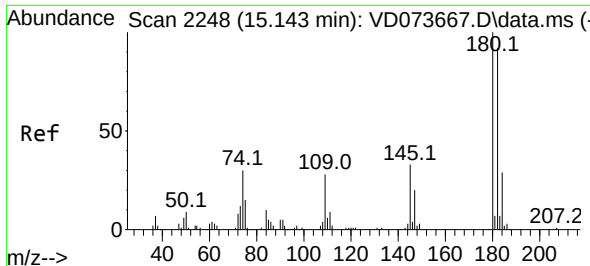


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 5.289 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28



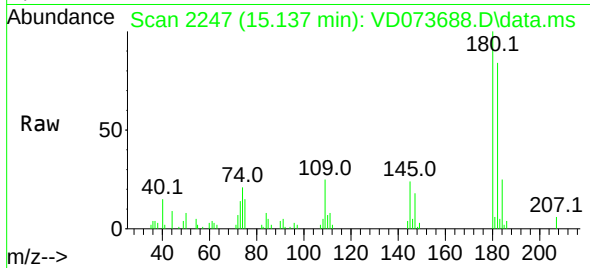
Tgt Ion: 75 Resp: 2668  
Ion Ratio Lower Upper  
75 100  
155 78.5 41.2 123.6  
157 108.5 55.5 166.5





#93  
1,2,4-Trichlorobenzene  
Concen: 5.550 ug/l  
RT: 15.137 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

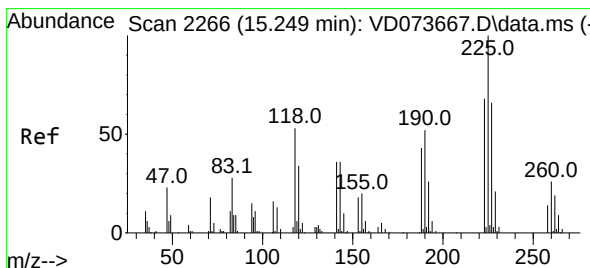
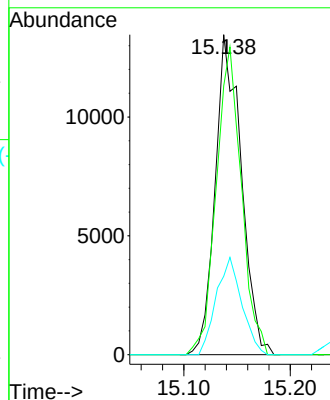
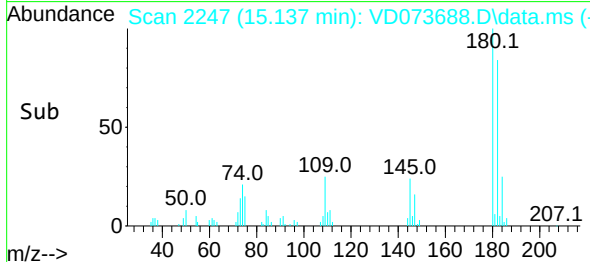
Instrument : MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022



Tgt Ion:180 Resp: 22870  
Ion Ratio Lower Upper  
180 100  
182 92.7 48.0 144.0  
145 29.8 16.2 48.5

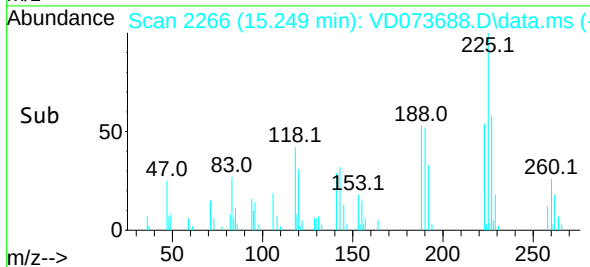
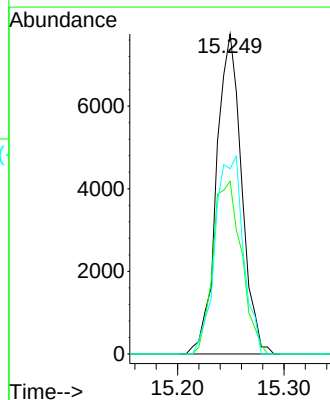
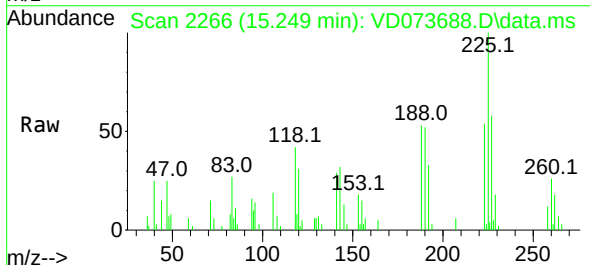
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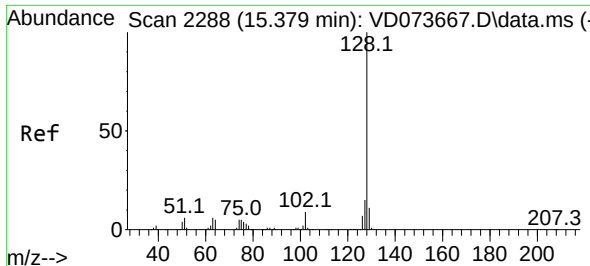
Reviewed By :Mahesh Dadoda 06/28/2022  
Supervised By :Semsettin Yesilyurt 06/28/2022



#94  
Hexachlorobutadiene  
Concen: 5.414 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:225 Resp: 12652  
Ion Ratio Lower Upper  
225 100  
223 61.5 32.6 97.8  
227 69.0 32.6 97.8





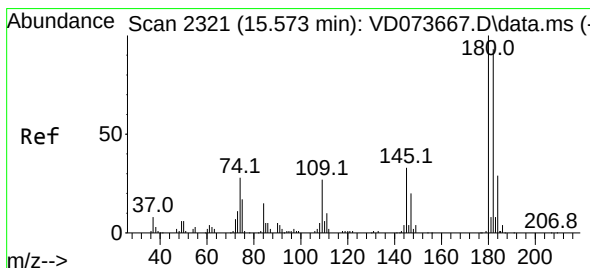
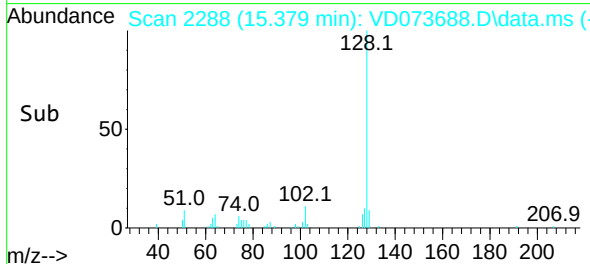
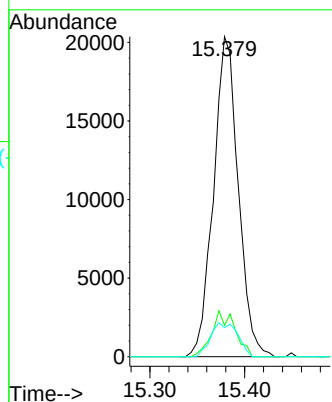
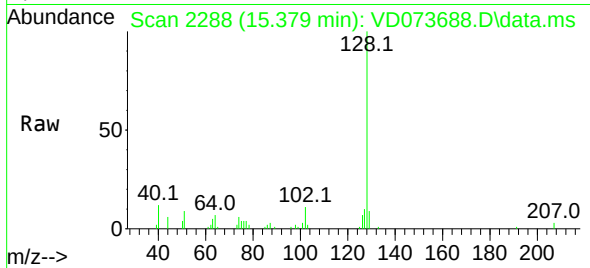
#95  
Naphthalene  
Concen: 5.018 ug/l  
RT: 15.379 min Scan# 2288  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Instrument : MSVOA\_D  
ClientSampleId :  
LOQ-SOIL-02-QT2-2022

Tgt Ion:128 Resp: 3697  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 16.0  
129 11.5 8.9 13.3

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#96  
1,2,3-Trichlorobenzene  
Concen: 5.306 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. 0.000 min  
Lab File: VD073688.D  
Acq: 24 Jun 2022 15:28

Tgt Ion:180 Resp: 19105  
Ion Ratio Lower Upper  
180 100  
182 91.6 49.0 147.0  
145 33.3 17.6 52.8

