

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY082525\  
 Data File : VY023204.D  
 Acq On : 25 Aug 2025 11:11  
 Operator : SY/MD  
 Sample : Q2893-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Aug 26 00:11:46 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081225S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 26 00:10:39 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
 Supervised By :Semsettin Yesilyurt 08/26/2025

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.707          | 168  | 445632              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.615          | 114  | 727774              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.413         | 117  | 612346              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.346         | 152  | 290558              | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.060          | 65   | 214129              | 50.417 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 100.840% |        |        |          |
| 35) Dibromofluoromethane     | 7.634          | 113  | 223186              | 51.251 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 102.500% |        |        |          |
| 50) Toluene-d8               | 10.109         | 98   | 836293              | 49.158 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = 98.320%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.401         | 95   | 243578              | 44.521 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = 89.040%  |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.866          | 85   | 10192               | 2.802  | ug/l   | 91       |
| 3) Chloromethane             | 2.068          | 50   | 15464               | 2.625  | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.202          | 62   | 18756               | 2.575  | ug/l   | 96       |
| 5) Bromomethane              | 2.598          | 94   | 18102               | 3.328  | ug/l   | 99       |
| 6) Chloroethane              | 2.732          | 64   | 13881               | 2.867  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.055          | 101  | 26006               | 2.937  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.451          | 74   | 7465                | 3.186  | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 3.817          | 101  | 14179               | 3.245  | ug/l   | 99       |
| 10) Methyl Iodide            | 4.000          | 142  | 10232               | 2.170  | ug/l # | 94       |
| 11) Tert butyl alcohol       | 4.854          | 59   | 3824m               | 13.140 | ug/l   |          |
| 12) 1,1-Dichloroethene       | 3.787          | 96   | 12128               | 2.824  | ug/l   | 87       |
| 13) Acrolein                 | 3.640          | 56   | 478m                | 1.122  | ug/l   |          |
| 14) Allyl chloride           | 4.384          | 41   | 15506               | 2.454  | ug/l   | 97       |
| 15) Acrylonitrile            | 5.061          | 53   | 11681               | 12.264 | ug/l   | 98       |
| 16) Acetone                  | 3.866          | 43   | 14881               | 16.173 | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.110          | 76   | 34053               | 2.432  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.384          | 43   | 7409                | 2.706  | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.110          | 73   | 25341               | 2.277  | ug/l   | 97       |
| 20) Methylene Chloride       | 4.610          | 84   | 37353               | 6.763  | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.116          | 96   | 13433               | 2.784  | ug/l   | 82       |
| 22) Diisopropyl ether        | 6.012          | 45   | 29727               | 2.165  | ug/l # | 85       |
| 23) Vinyl Acetate            | 5.957          | 43   | 72786               | 9.587  | ug/l   | 95       |
| 24) 1,1-Dichloroethane       | 5.914          | 63   | 22129               | 2.636  | ug/l   | 98       |
| 25) 2-Butanone               | 6.902          | 43   | 15360               | 12.274 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 6.884          | 77   | 19659               | 2.714  | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.896          | 96   | 14723               | 2.639  | ug/l   | 93       |
| 28) Bromochloromethane       | 7.244          | 49   | 7509                | 2.255  | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.268          | 42   | 7812                | 10.071 | ug/l   | 99       |
| 30) Chloroform               | 7.420          | 83   | 23951               | 2.766  | ug/l   | 97       |
| 31) Cyclohexane              | 7.701          | 56   | 26828               | 3.391  | ug/l # | 58       |
| 32) 1,1,1-Trichloroethane    | 7.615          | 97   | 20851               | 2.714  | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.841          | 75   | 17143               | 2.649  | ug/l   | 95       |
| 37) Ethyl Acetate            | 6.987          | 43   | 6333m               | 2.329  | ug/l   |          |
| 38) Carbon Tetrachloride     | 7.817          | 117  | 19500               | 2.774  | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.109          | 83   | 23166               | 2.718  | ug/l   | 98       |
| 40) Benzene                  | 8.079          | 78   | 51463               | 2.580  | ug/l   | 97       |

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Manual Integrations  
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 Quant Title : SW846 8260  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.231  | 41   | 3255m    | 2.075  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 13127    | 2.530  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 11556    | 2.103  | ug/l # | 96       |
| 44) Trichloroethene           | 8.865  | 130  | 14979    | 2.906  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 11915    | 2.596  | ug/l   | 100      |
| 46) Dibromomethane            | 9.231  | 93   | 6790     | 2.578  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.420  | 83   | 17372    | 2.563  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 5220     | 1.985  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 1583     | 51.250 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 27692    | 9.770  | ug/l   | 97       |
| 52) Toluene                   | 10.170 | 92   | 33298    | 2.628  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.395 | 75   | 13985    | 2.278  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 15726    | 2.167  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 9443     | 2.679  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 8602     | 1.907  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.718 | 76   | 14873    | 2.488  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 16525    | 7.767  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.761 | 43   | 19768    | 10.242 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.914 | 129  | 11423    | 2.456  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.011 | 107  | 7952     | 2.400  | ug/l   | 95       |
| 64) Tetrachloroethene         | 10.651 | 164  | 18004    | 3.293  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.444 | 112  | 37387    | 2.831  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.511 | 131  | 12169    | 2.715  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.517 | 91   | 57650    | 2.536  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 42945    | 4.837  | ug/l   | 97       |
| 69) o-Xylene                  | 11.956 | 106  | 19623    | 2.360  | ug/l   | 99       |
| 70) Styrene                   | 11.968 | 104  | 30734    | 2.260  | ug/l   | 100      |
| 71) Bromoform                 | 12.127 | 173  | 6666     | 2.544  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.255 | 105  | 52676    | 2.569  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.072 | 43   | 8413     | 1.934  | ug/l # | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 8397     | 2.398  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 6905m    | 2.462  | ug/l   |          |
| 77) Bromobenzene              | 12.529 | 156  | 14070    | 2.876  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.590 | 91   | 66698    | 2.732  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 37814    | 2.703  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.736 | 105  | 41623    | 2.511  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 2477m    | 2.138  | ug/l   |          |
| 82) 4-Chlorotoluene           | 12.773 | 91   | 40289    | 2.776  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.992 | 119  | 39430    | 2.634  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.041 | 105  | 39689    | 2.406  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.175 | 105  | 59840    | 2.721  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 47936    | 2.626  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 28885    | 2.994  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.364 | 146  | 30959    | 3.235  | ug/l   | 91       |
| 89) n-Butylbenzene            | 13.614 | 91   | 45954    | 2.741  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.876 | 117  | 12491    | 3.343  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 24463    | 2.891  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 1838     | 3.371  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 15115    | 3.021  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.017 | 225  | 10583    | 3.599  | ug/l   | 93       |
| 95) Naphthalene               | 15.145 | 128  | 21303    | 2.497  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.327 | 180  | 13426    | 3.114  | ug/l   | 99       |

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

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

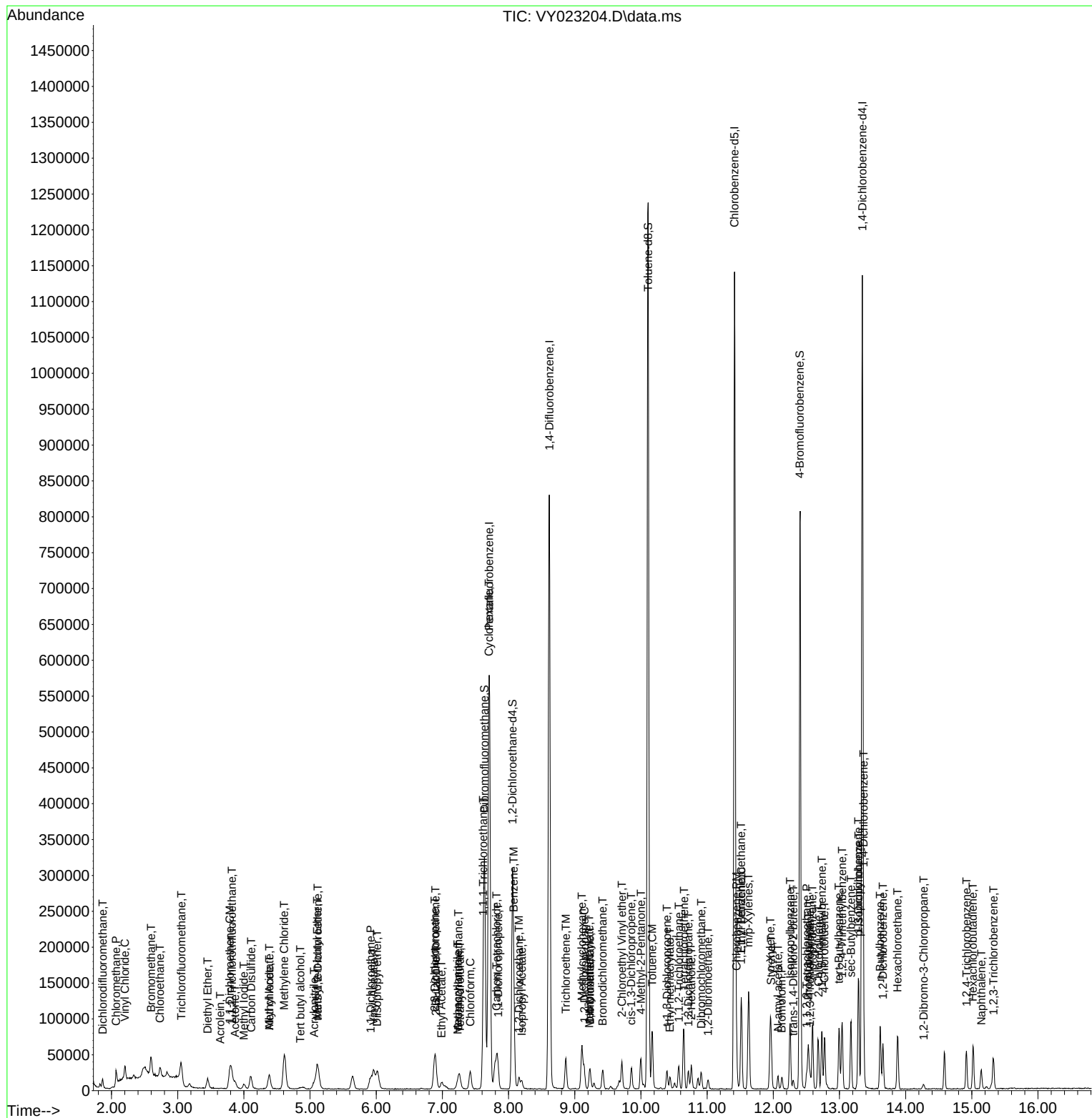
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 Data File : VY023204.D  
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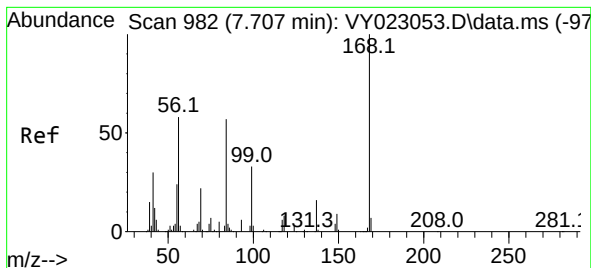
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY023204.D

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MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:168 Resp: 44563

Ion Ratio Lower Upper

168 100

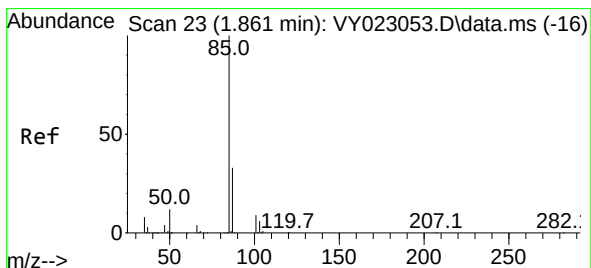
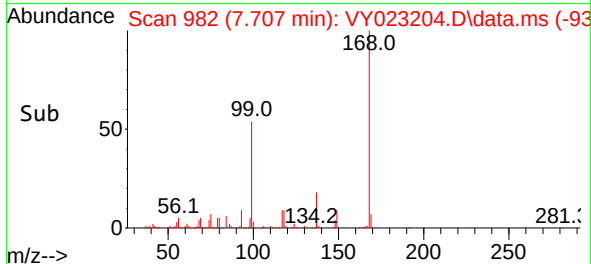
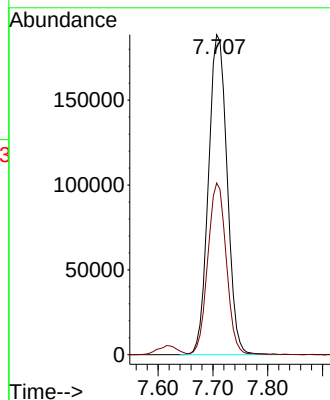
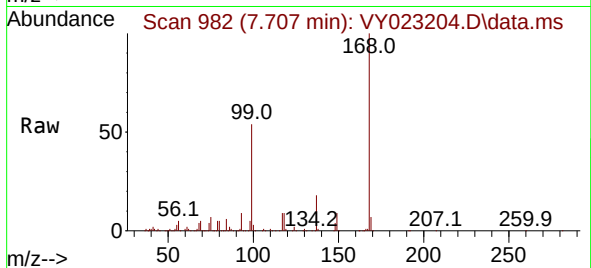
99 53.6 42.8 64.2

Manual Integrations

APPROVED

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#2

Dichlorodifluoromethane

Concen: 2.802 ug/l

RT: 1.866 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY023204.D

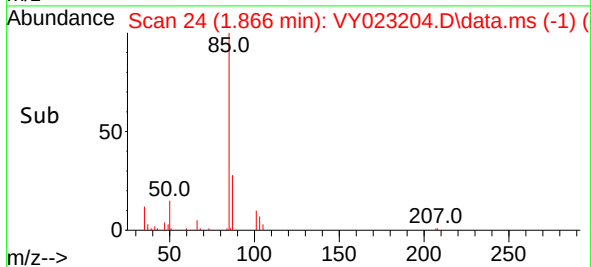
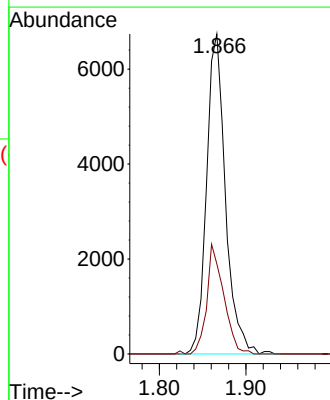
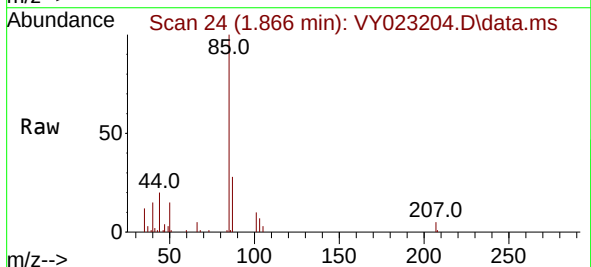
Acq: 25 Aug 2025 11:11

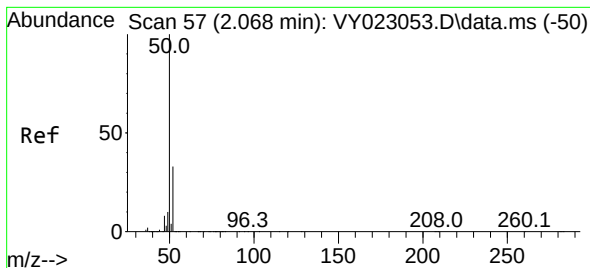
Tgt Ion: 85 Resp: 10192

Ion Ratio Lower Upper

85 100

87 28.2 16.6 49.8





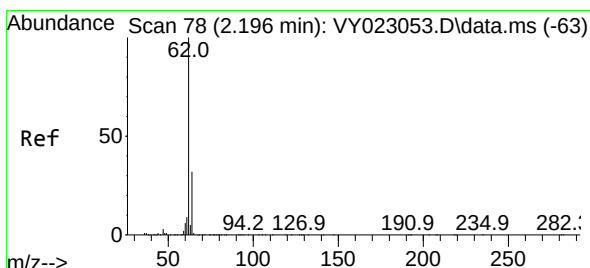
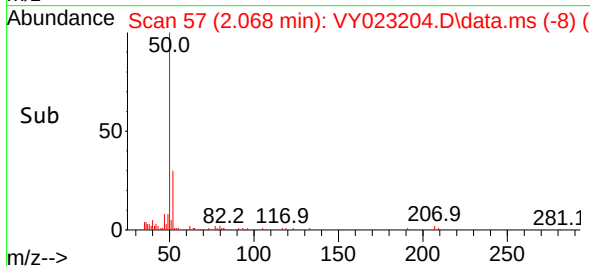
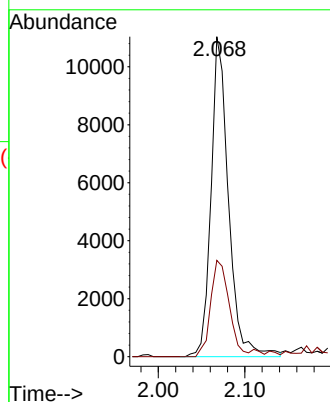
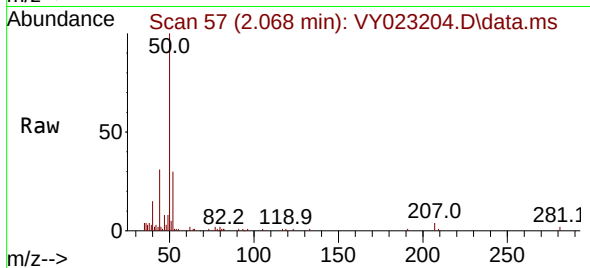
#3  
Chloromethane  
Concen: 2.625 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
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Tgt Ion: 50 Resp: 1546  
Ion Ratio Lower Upper  
50 100  
52 30.1 26.7 40.1

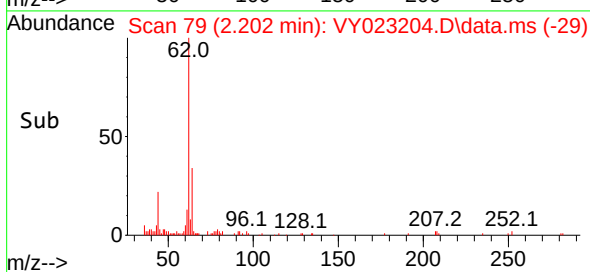
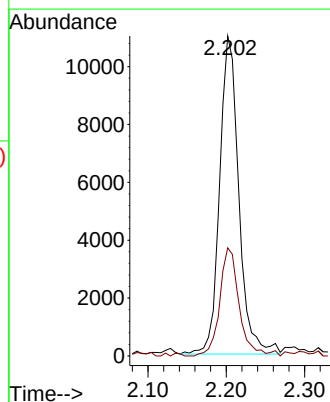
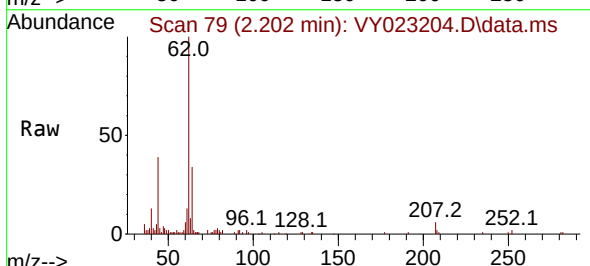
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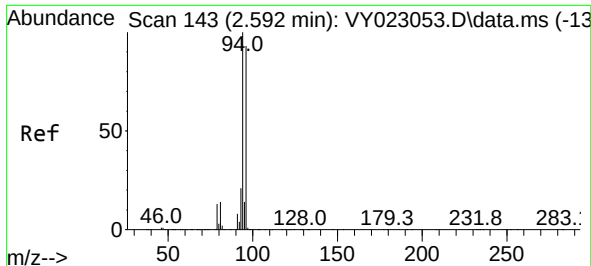
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#4  
Vinyl Chloride  
Concen: 2.575 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

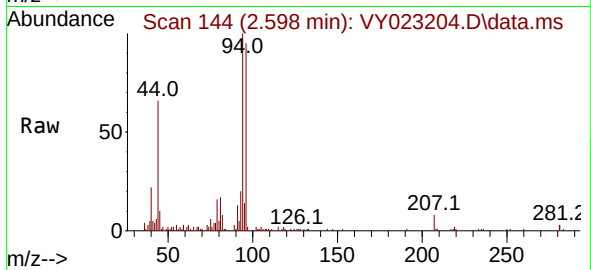
Tgt Ion: 62 Resp: 18756  
Ion Ratio Lower Upper  
62 100  
64 34.0 25.4 38.0





#5  
Bromomethane  
Concen: 3.328 ug/l  
RT: 2.598 min Scan# 143  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

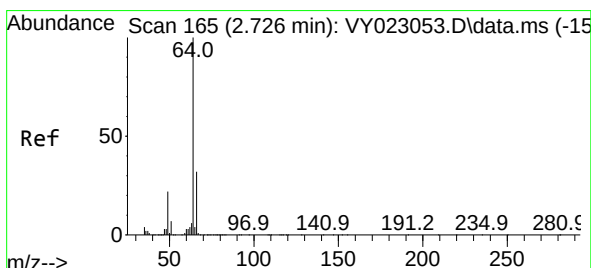
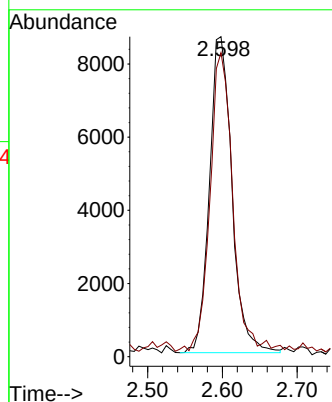
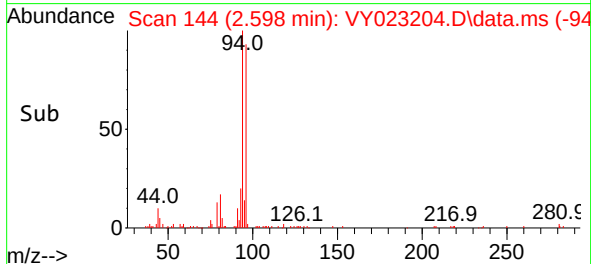
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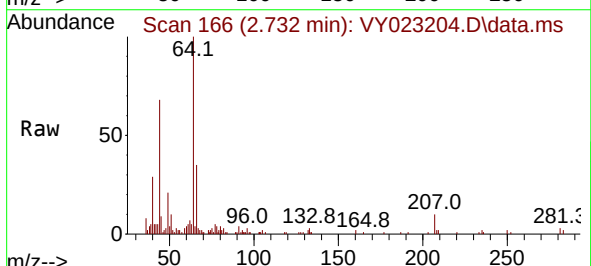
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Ion Ratio Lower Upper  
94 100  
96 93.8 74.6 112.0

Manual Integrations  
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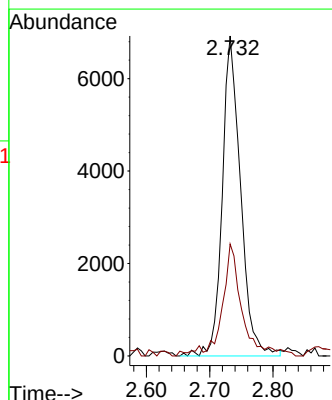
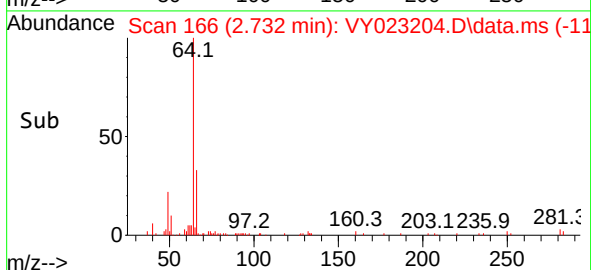
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

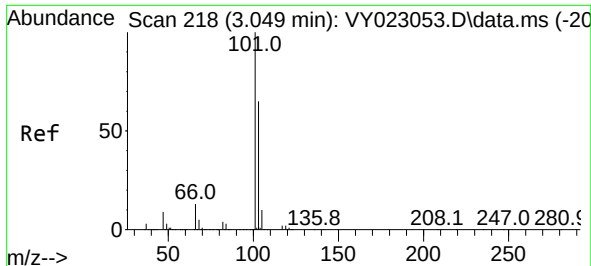


#6  
Chloroethane  
Concen: 2.867 ug/l  
RT: 2.732 min Scan# 166  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



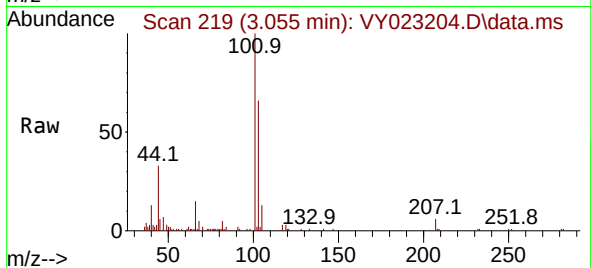
Tgt Ion: 64 Resp: 13881  
Ion Ratio Lower Upper  
64 100  
66 33.5 25.8 38.6





#7  
Trichlorofluoromethane  
Concen: 2.937 ug/l  
RT: 3.055 min Scan# 218  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

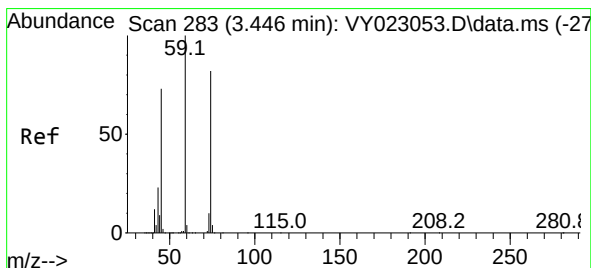
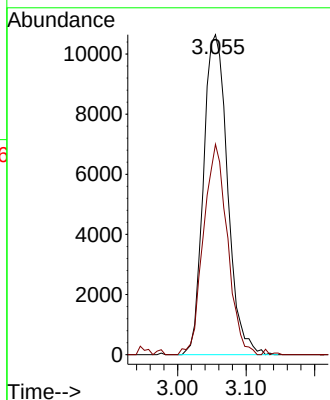
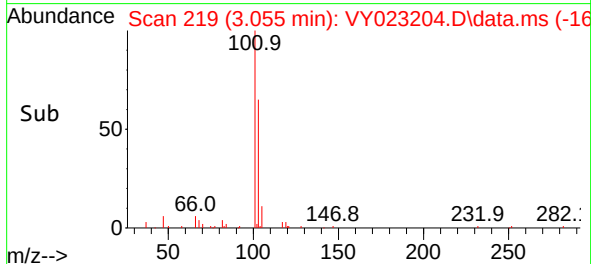
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



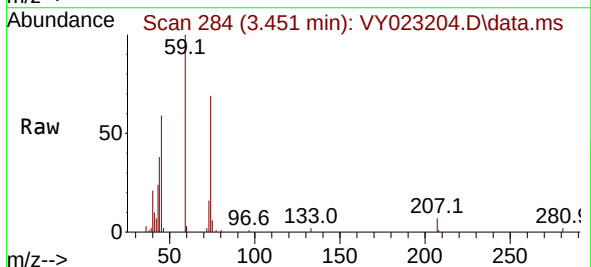
Tgt Ion:101 Resp: 26000  
Ion Ratio Lower Upper  
101 100  
103 65.8 51.9 77.9

Manual Integrations  
APPROVED

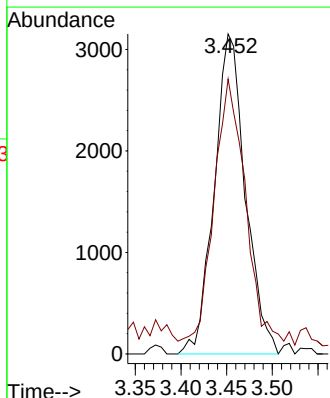
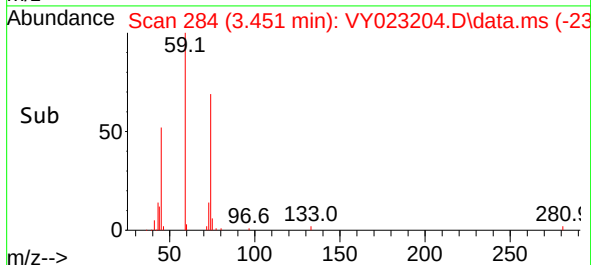
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



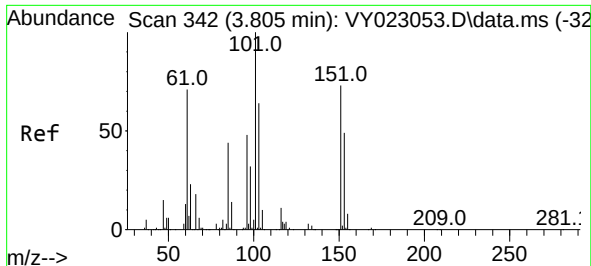
#8  
Diethyl Ether  
Concen: 3.186 ug/l  
RT: 3.451 min Scan# 284  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



Tgt Ion: 74 Resp: 7465  
Ion Ratio Lower Upper  
74 100  
45 84.3 44.4 133.2







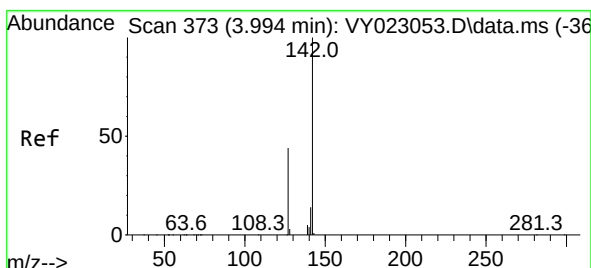
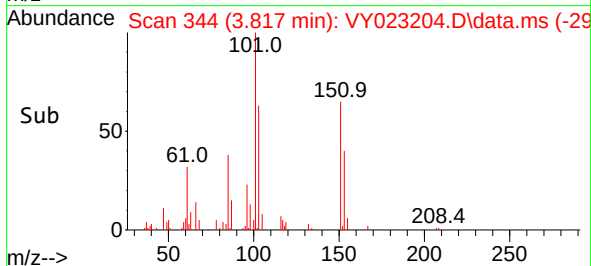
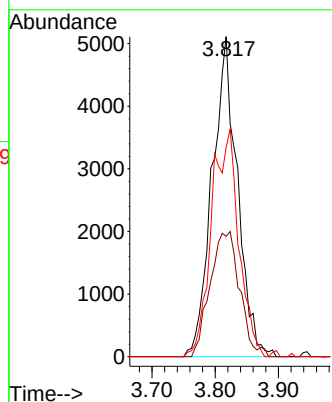
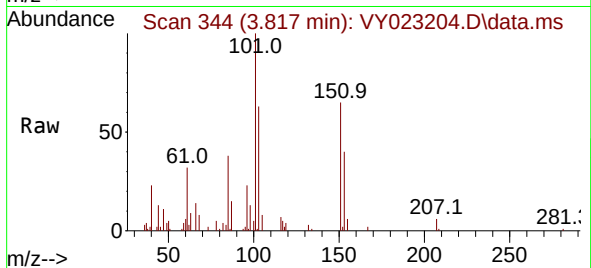
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 3.245 ug/l  
RT: 3.817 min Scan# 342  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:101 Resp: 14179  
Ion Ratio Lower Upper  
101 100  
85 45.9 36.3 54.5  
151 76.5 61.5 92.3

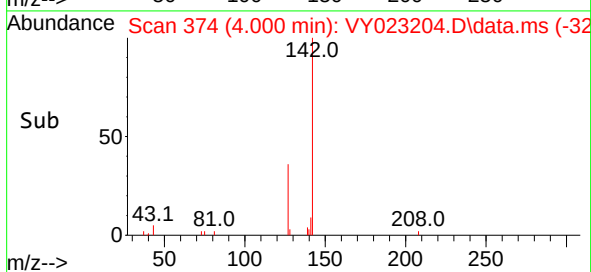
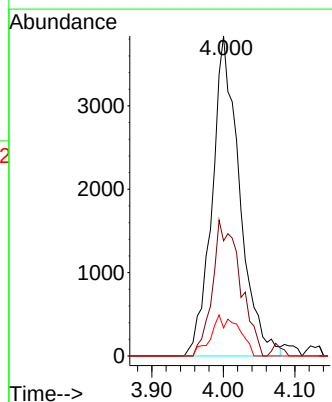
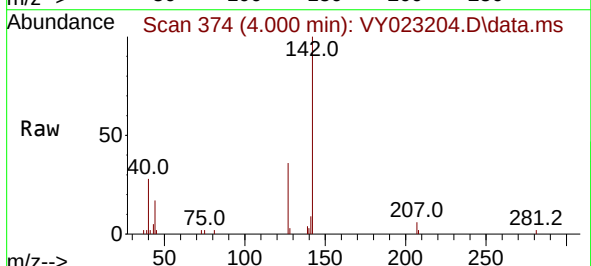
Manual Integrations  
APPROVED

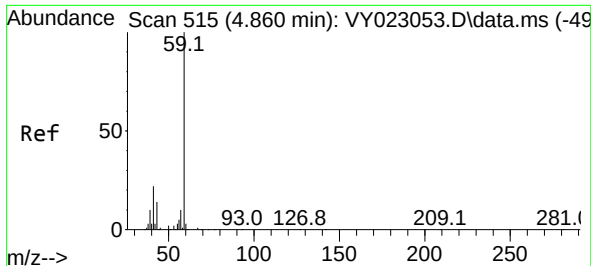
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#10  
Methyl Iodide  
Concen: 2.170 ug/l  
RT: 4.000 min Scan# 374  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

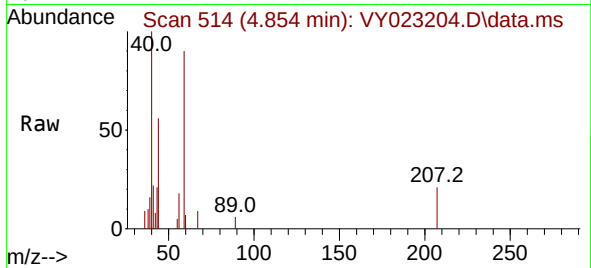
Tgt Ion:142 Resp: 10232  
Ion Ratio Lower Upper  
142 100  
127 42.7 34.9 52.3  
141 6.3 11.3 16.9#





#11  
Tert butyl alcohol  
Concen: 13.140 ug/l m  
RT: 4.854 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

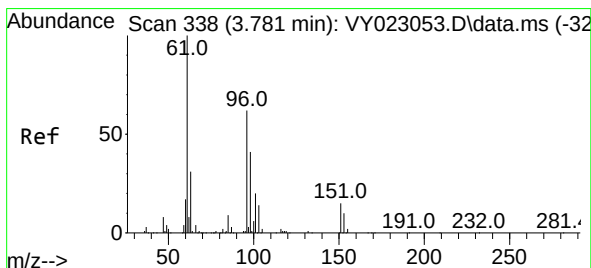
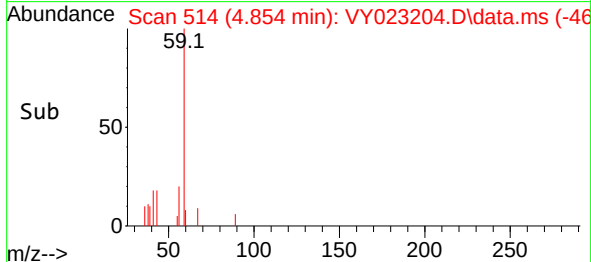
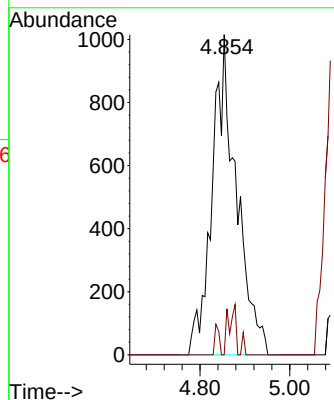
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 59 Resp: 3824  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.6 13.0

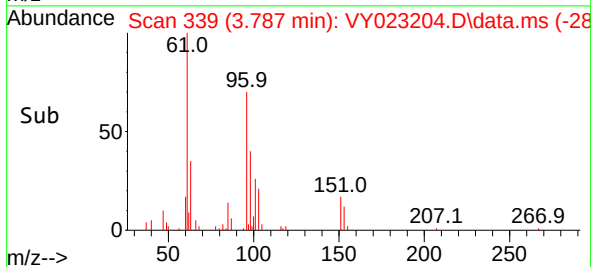
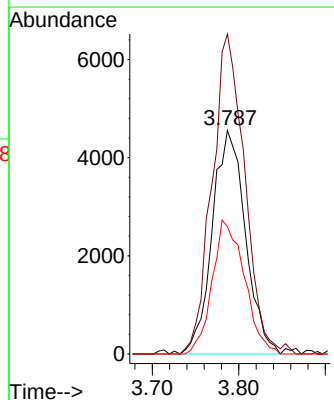
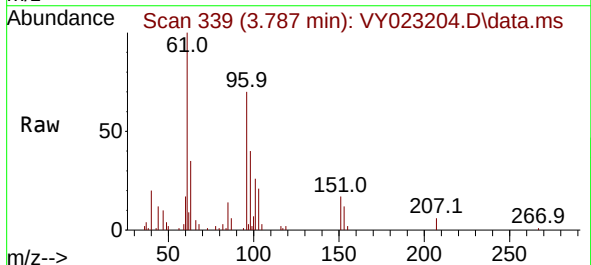
Manual Integrations  
APPROVED

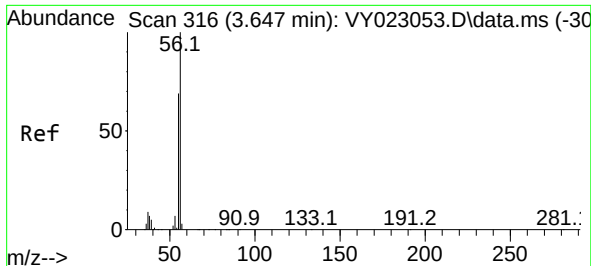
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#12  
1,1-Dichloroethene  
Concen: 2.824 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

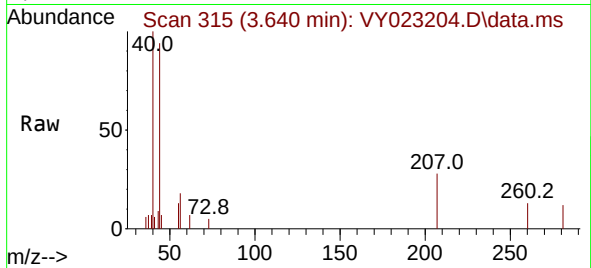
Tgt Ion: 96 Resp: 12128  
Ion Ratio Lower Upper  
96 100  
61 143.2 129.4 194.2  
98 57.0 52.8 79.2





#13  
Acrolein  
Concen: 1.122 ug/l m  
RT: 3.640 min Scan# 316  
Delta R.T. -0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

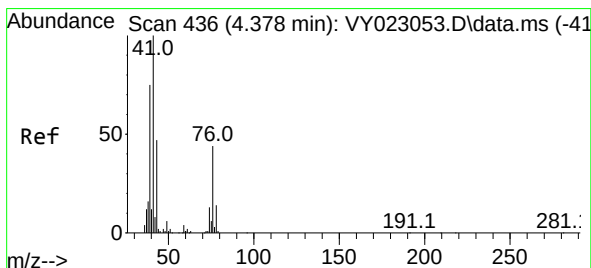
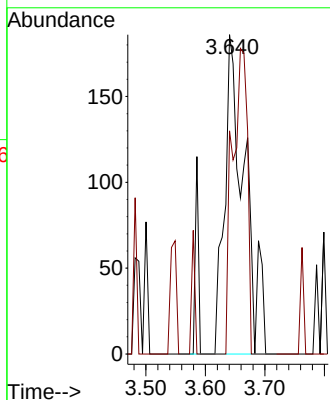
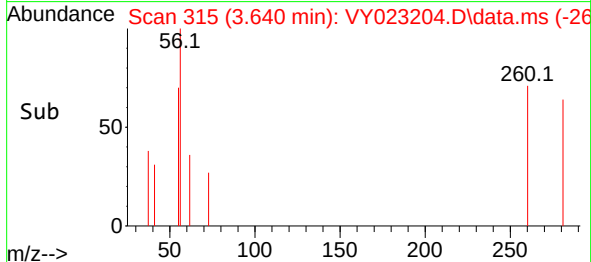
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



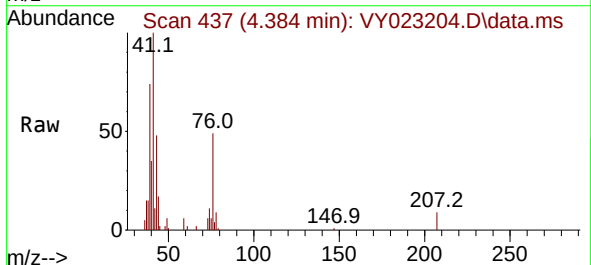
Tgt Ion: 56 Resp: 478  
Ion Ratio Lower Upper  
56 100  
55 64.6 55.2 82.8

Manual Integrations  
APPROVED

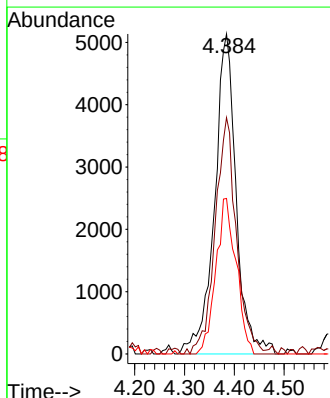
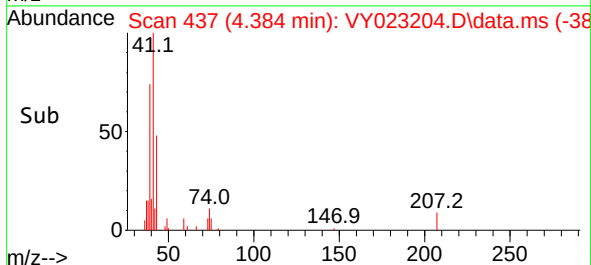
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

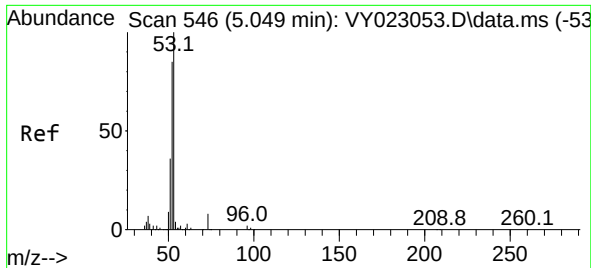


#14  
Allyl chloride  
Concen: 2.454 ug/l  
RT: 4.384 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



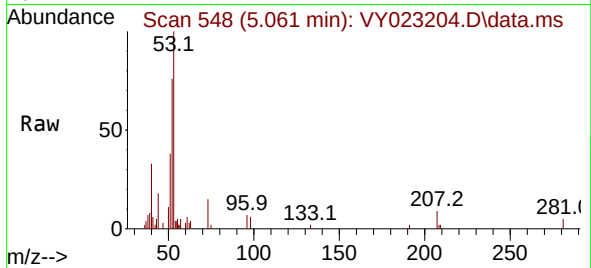
Tgt Ion: 41 Resp: 15506  
Ion Ratio Lower Upper  
41 100  
39 72.7 59.8 89.6  
76 45.4 33.7 50.5





#15  
Acrylonitrile  
Concen: 12.264 ug/l  
RT: 5.061 min Scan# 546  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

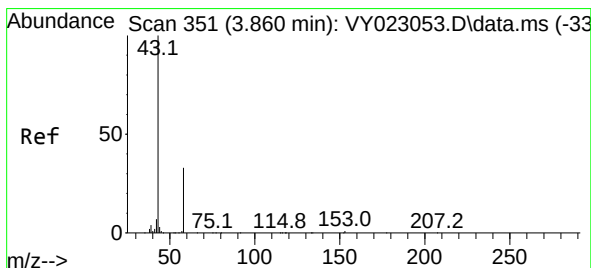
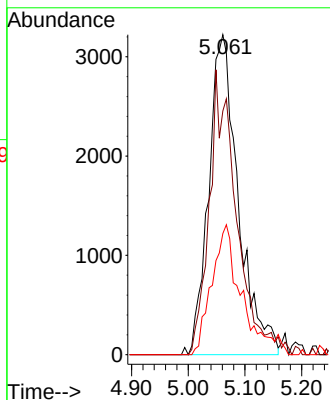
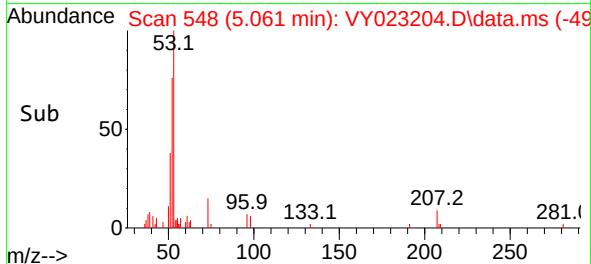
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



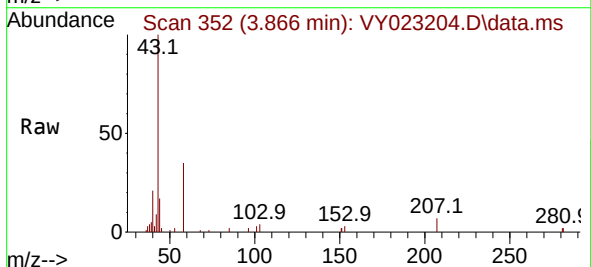
Tgt Ion: 53 Resp: 1168  
Ion Ratio Lower Upper  
53 100  
52 82.0 65.3 97.9  
51 41.0 29.5 44.3

Manual Integrations  
APPROVED

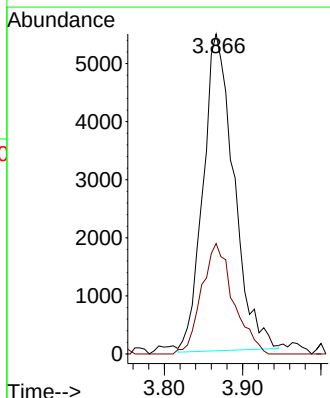
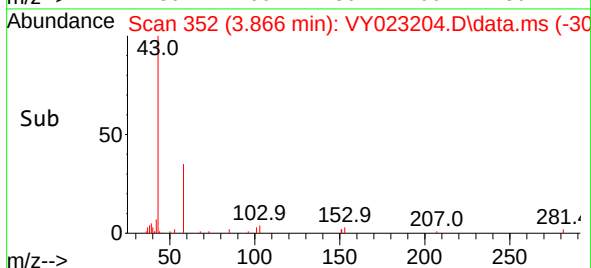
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

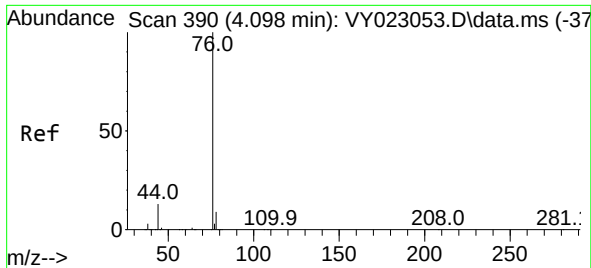


#16  
Acetone  
Concen: 16.173 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



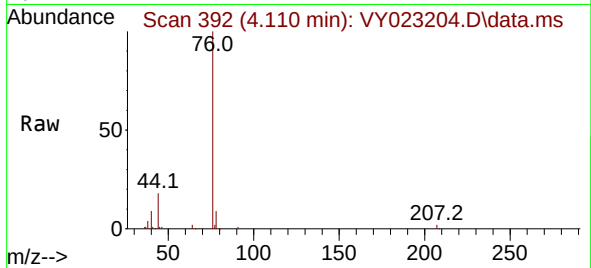
Tgt Ion: 43 Resp: 14881  
Ion Ratio Lower Upper  
43 100  
58 35.1 27.1 40.7





#17  
Carbon Disulfide  
Concen: 2.432 ug/l  
RT: 4.110 min Scan# 390  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

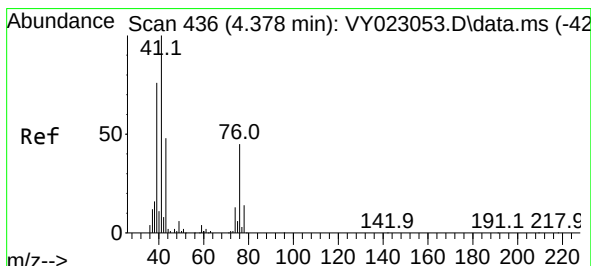
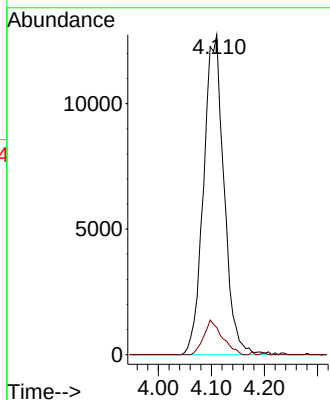
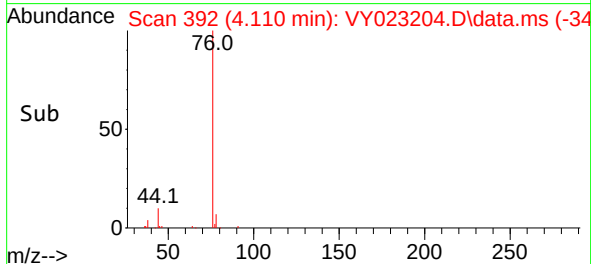
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



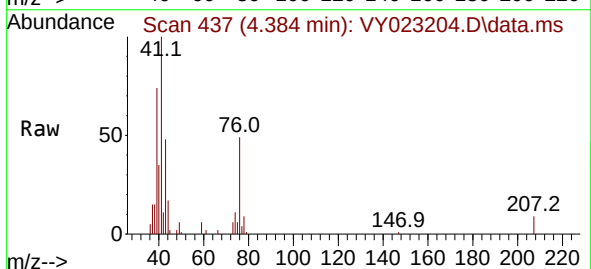
Tgt Ion: 76 Resp: 3405  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.4 11.2

Manual Integrations  
APPROVED

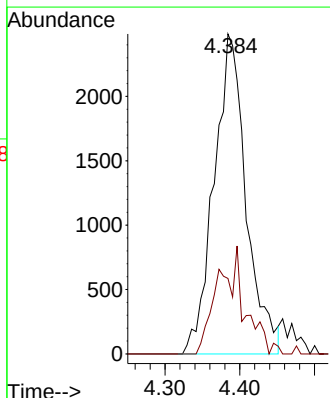
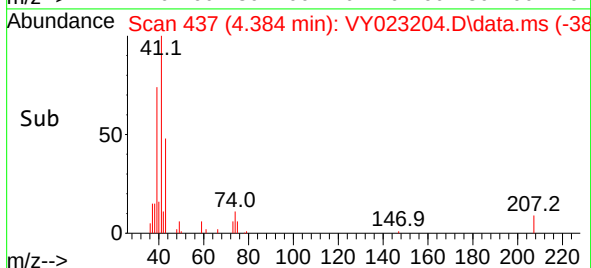
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

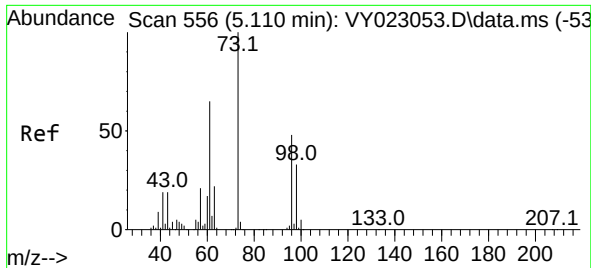


#18  
Methyl Acetate  
Concen: 2.706 ug/l  
RT: 4.384 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



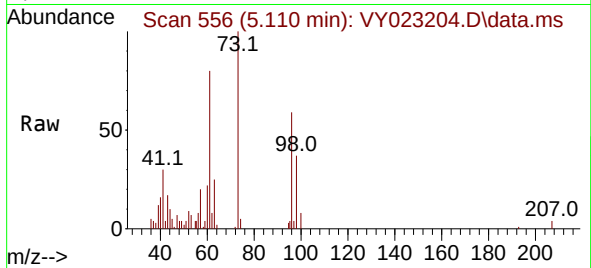
Tgt Ion: 43 Resp: 7409  
Ion Ratio Lower Upper  
43 100  
74 28.6 21.2 31.8





#19  
Methyl tert-butyl Ether  
Concen: 2.277 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

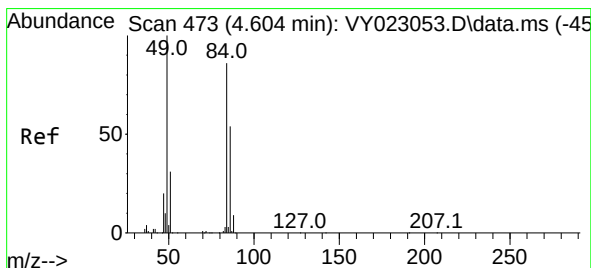
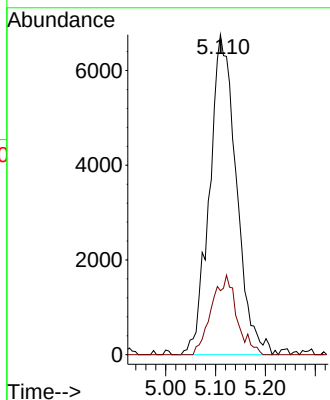
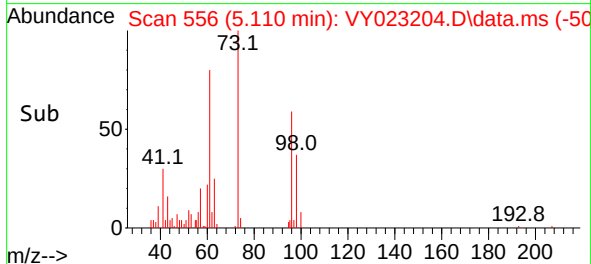
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 73 Resp: 2534  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.1 25.7

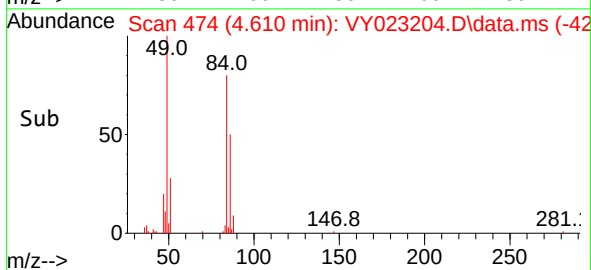
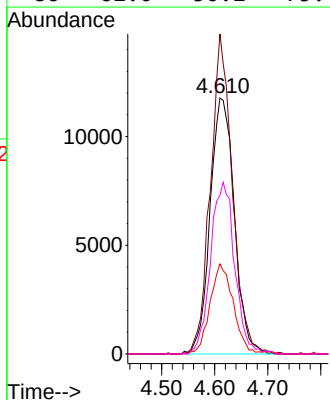
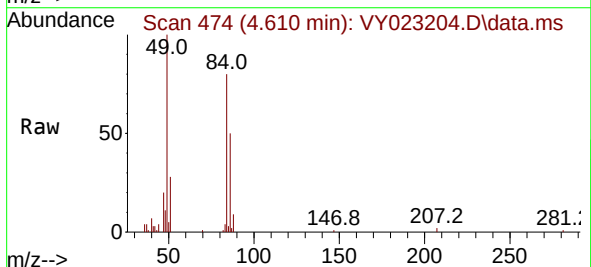
Manual Integrations  
APPROVED

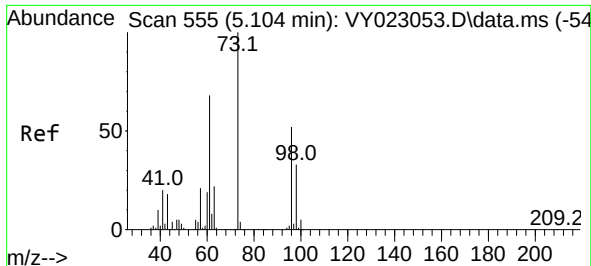
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#20  
Methylene Chloride  
Concen: 6.763 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

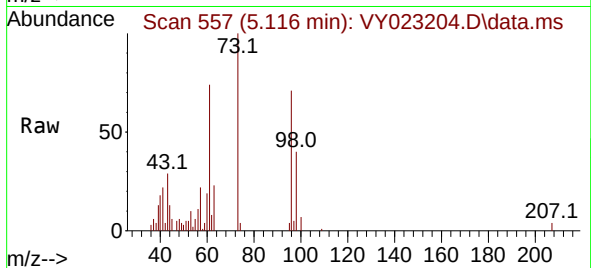
Tgt Ion: 84 Resp: 37353  
Ion Ratio Lower Upper  
84 100  
49 125.0 93.0 139.6  
51 35.2 29.0 43.4  
86 62.0 50.2 75.4





#21  
trans-1,2-Dichloroethene  
Concen: 2.784 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

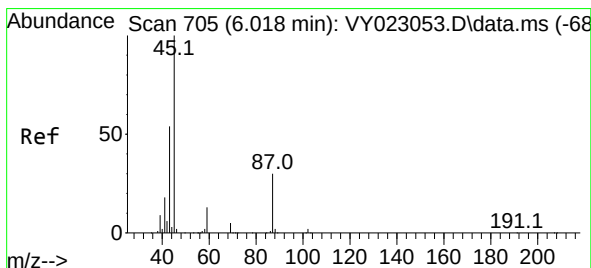
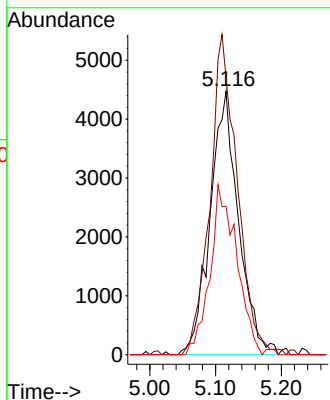
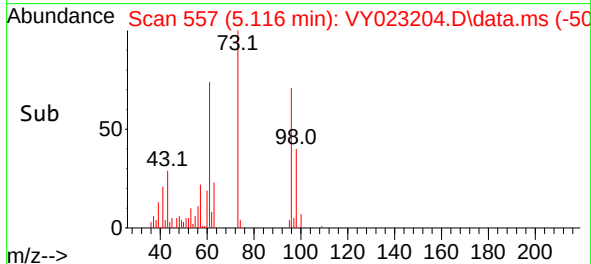
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 1343  
Ion Ratio Lower Upper  
96 100  
61 105.1 104.8 157.2  
98 56.3 50.1 75.1

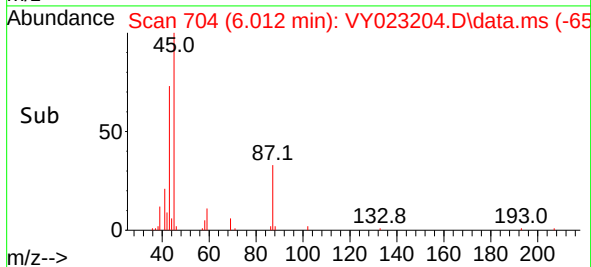
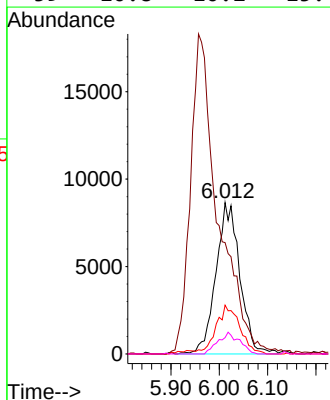
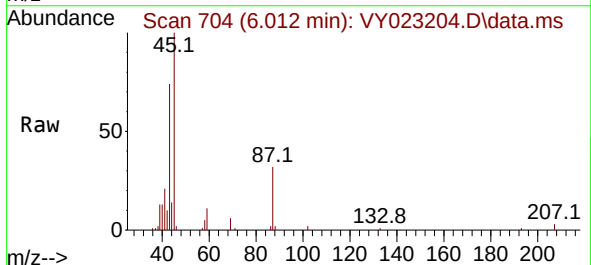
Manual Integrations  
APPROVED

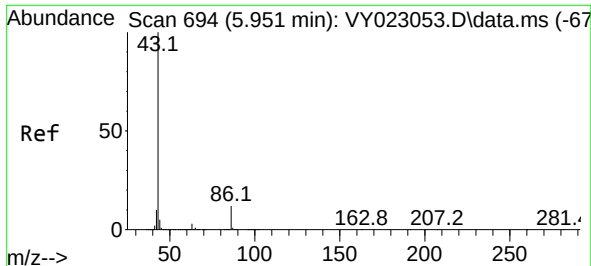
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#22  
Diisopropyl ether  
Concen: 2.165 ug/l  
RT: 6.012 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

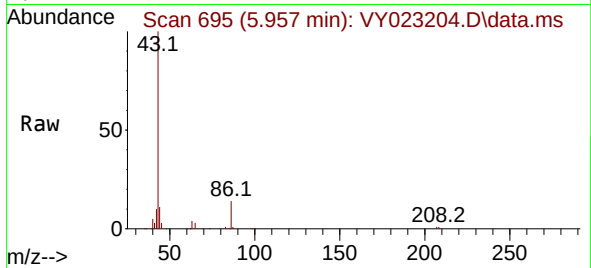
Tgt Ion: 45 Resp: 29727  
Ion Ratio Lower Upper  
45 100  
43 71.5 43.4 65.0#  
87 32.3 24.4 36.6  
59 10.8 10.2 15.4





#23  
 Vinyl Acetate  
 Concen: 9.587 ug/l  
 RT: 5.957 min Scan# 694  
 Delta R.T. 0.006 min  
 Lab File: VY023204.D  
 Acq: 25 Aug 2025 11:11

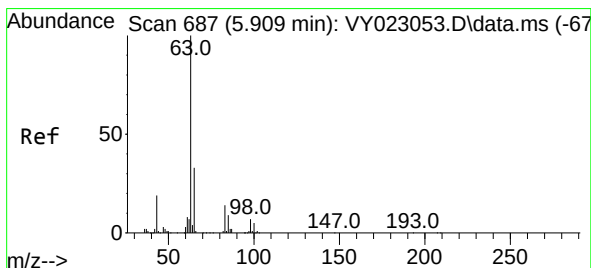
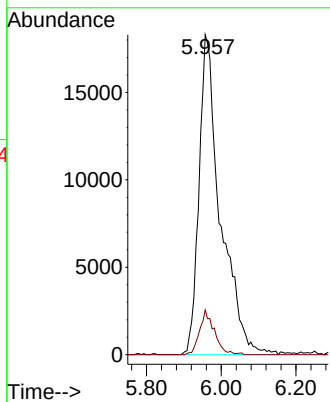
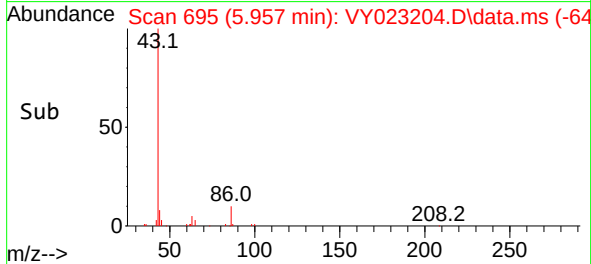
Instrument : MSVOA\_Y  
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



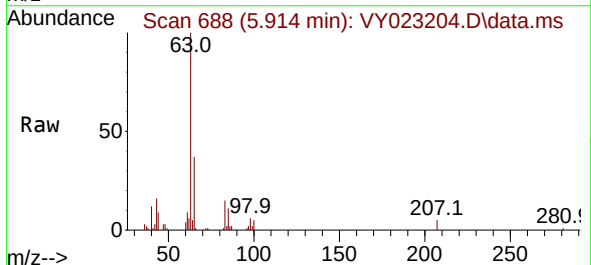
Tgt Ion: 43 Resp: 72780  
 Ion Ratio Lower Upper  
 43 100  
 86 14.0 9.6 14.4

Manual Integrations  
 APPROVED

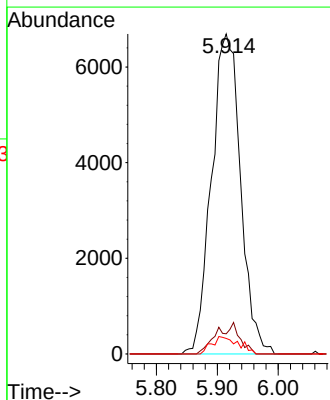
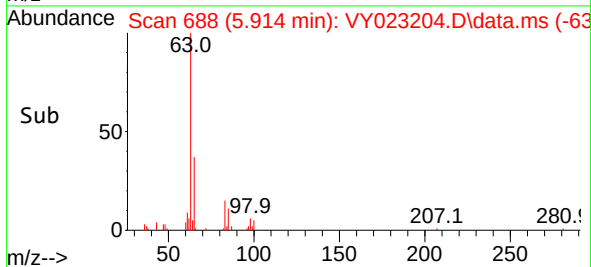
Reviewed By :Mahesh Dadoda 08/26/2025  
 Supervised By :Semsettin Yesilyurt 08/26/2025



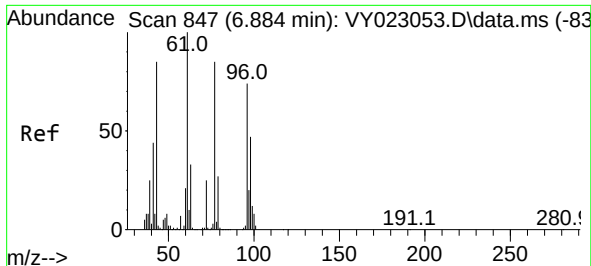
#24  
 1,1-Dichloroethane  
 Concen: 2.636 ug/l  
 RT: 5.914 min Scan# 688  
 Delta R.T. 0.006 min  
 Lab File: VY023204.D  
 Acq: 25 Aug 2025 11:11



Tgt Ion: 63 Resp: 22129  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.5 10.6  
 100 4.9 2.4 7.1

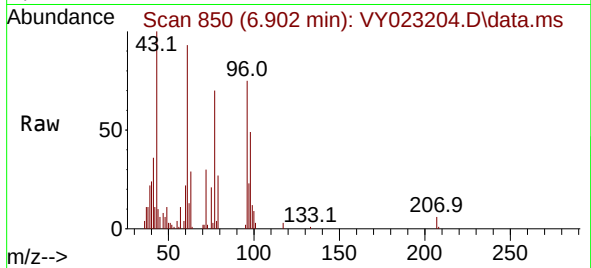






#25  
2-Butanone  
Concen: 12.274 ug/l  
RT: 6.902 min Scan# 847  
Delta R.T. 0.018 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

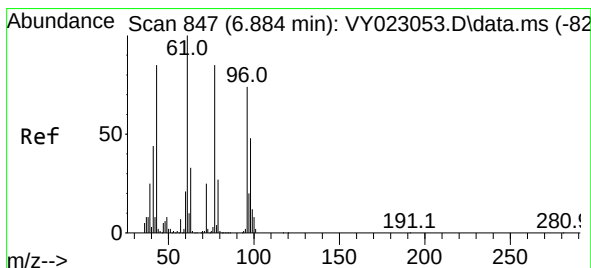
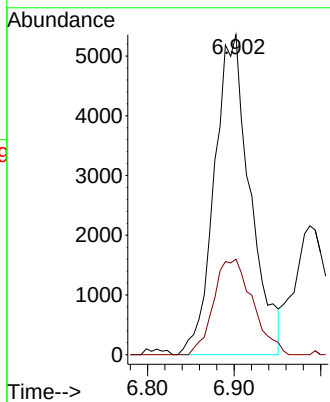
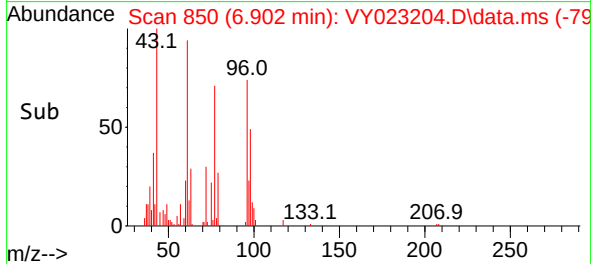
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



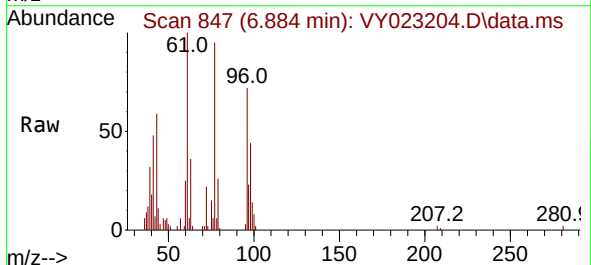
Tgt Ion: 43 Resp: 15360  
Ion Ratio Lower Upper  
43 100  
72 29.8 23.5 35.3

Manual Integrations  
APPROVED

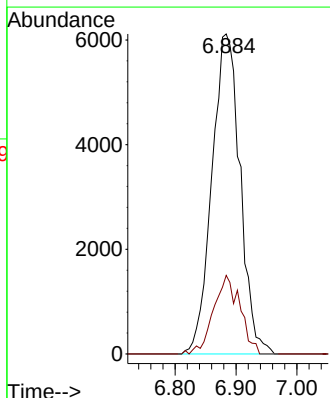
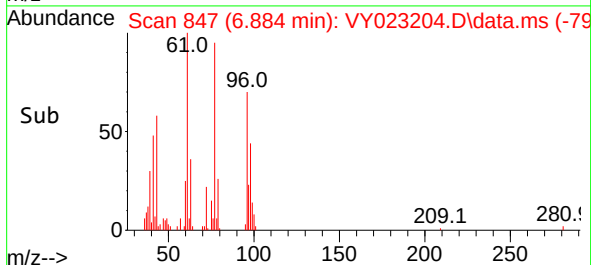
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

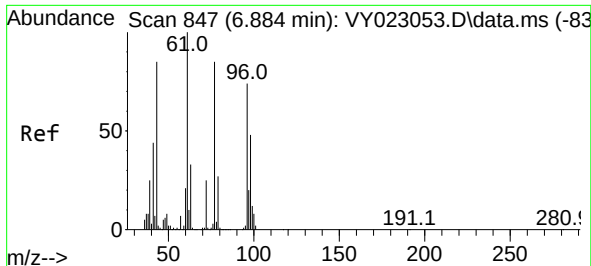


#26  
2,2-Dichloropropane  
Concen: 2.714 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



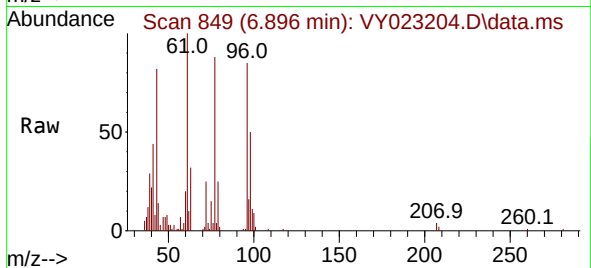
Tgt Ion: 77 Resp: 19659  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.6 34.8





#27  
 cis-1,2-Dichloroethene  
 Concen: 2.639 ug/l  
 RT: 6.896 min Scan# 847  
 Delta R.T. 0.012 min  
 Lab File: VY023204.D  
 Acq: 25 Aug 2025 11:11

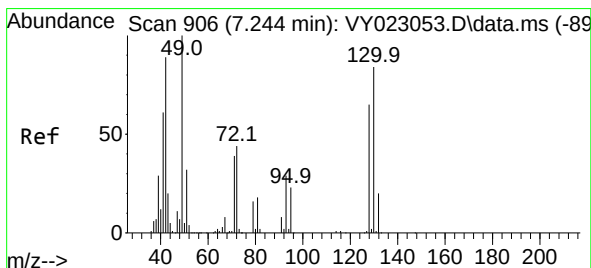
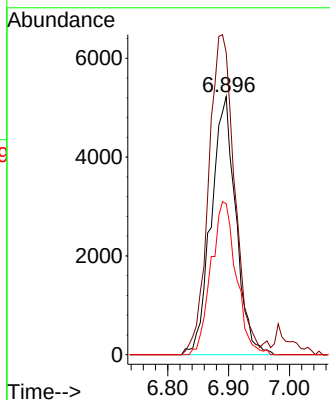
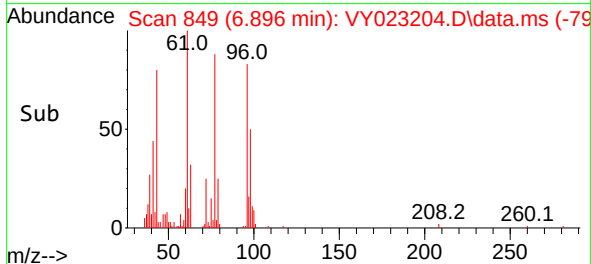
Instrument : MSVOA\_Y  
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 96 Resp: 1472  
 Ion Ratio Lower Upper  
 96 100  
 61 130.3 0.0 278.6  
 98 60.5 0.0 130.4

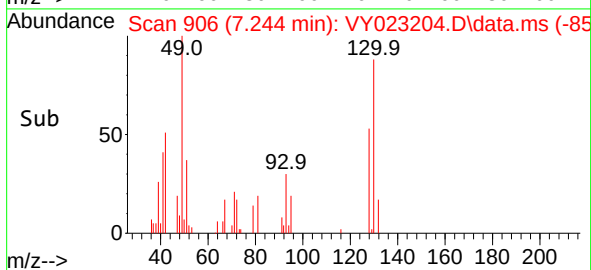
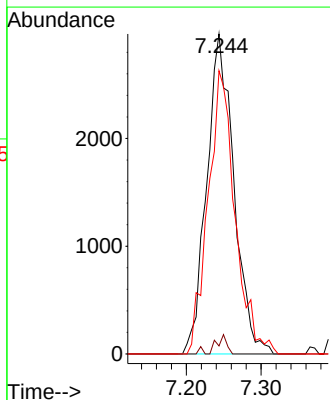
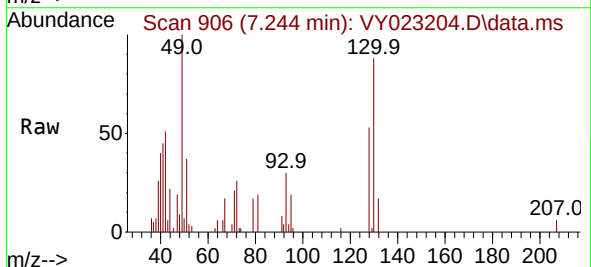
Manual Integrations  
 APPROVED

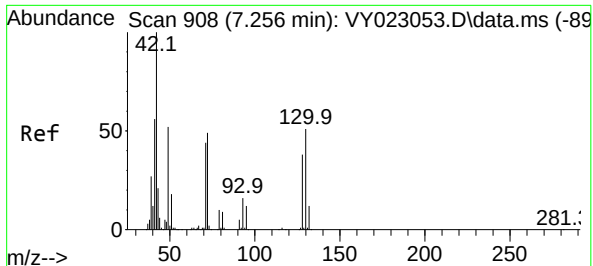
Reviewed By :Mahesh Dadoda 08/26/2025  
 Supervised By :Semsettin Yesilyurt 08/26/2025



#28  
 Bromochloromethane  
 Concen: 2.255 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.000 min  
 Lab File: VY023204.D  
 Acq: 25 Aug 2025 11:11

Tgt Ion: 49 Resp: 7509  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.2  
 130 87.5 66.4 99.6





#29

Tetrahydrofuran

Concen: 10.071 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

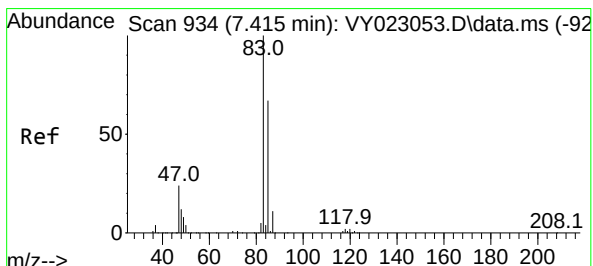
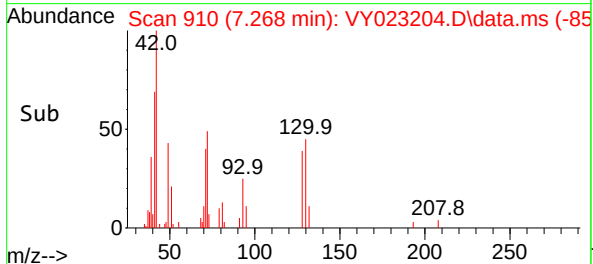
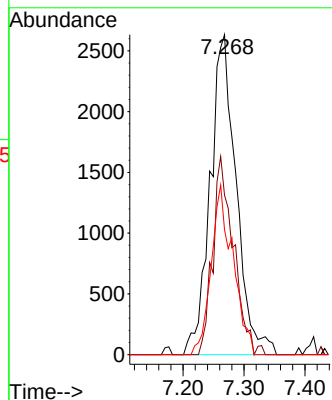
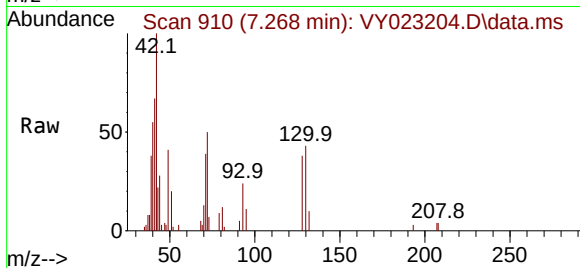
LOD-MDL-SOIL-01-QT3-2025

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 781  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 49.2  | 39.4  | 59.2 |
| 71        | 44.3  | 36.5  | 54.7 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#30

Chloroform

Concen: 2.766 ug/l

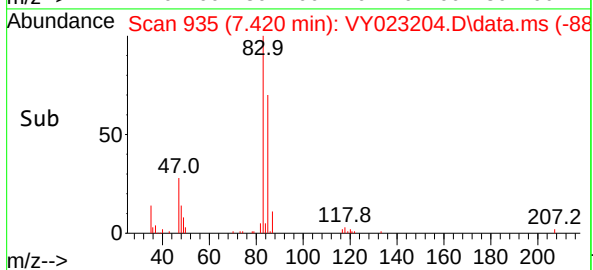
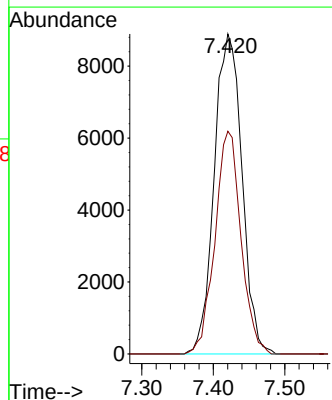
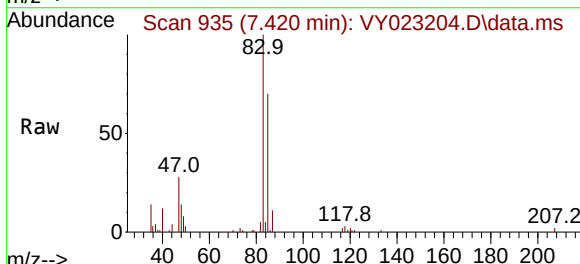
RT: 7.420 min Scan# 935

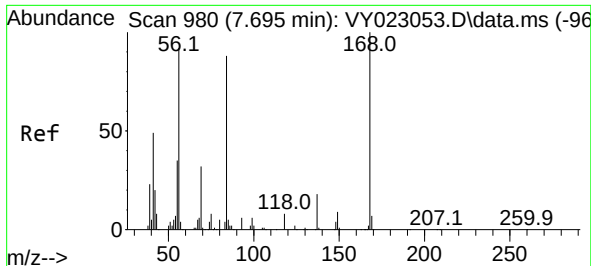
Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

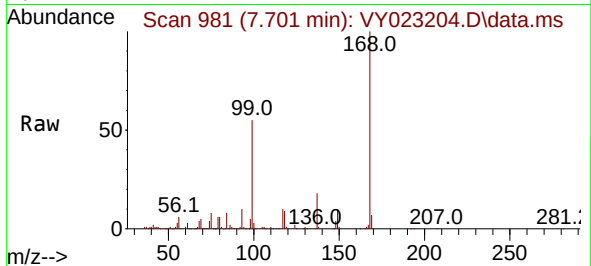
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 23951 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 69.6  | 53.8  | 80.8  |





#31  
Cyclohexane  
Concen: 3.391 ug/l  
RT: 7.701 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

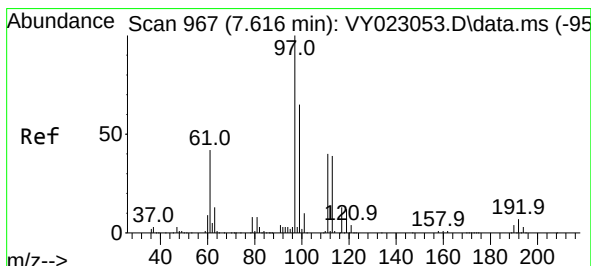
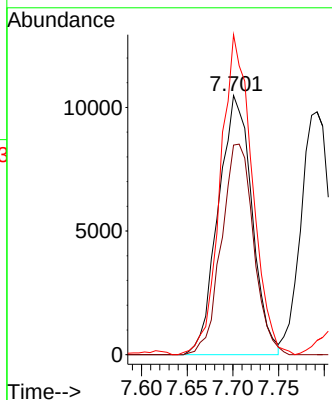
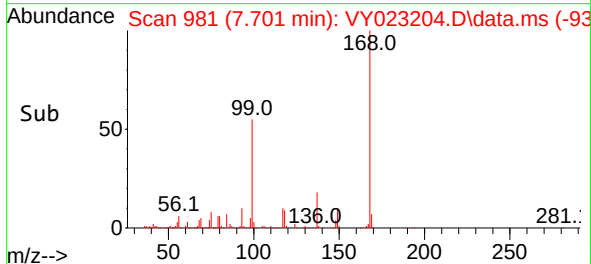
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 56 Resp: 26828  
Ion Ratio Lower Upper  
56 100  
69 80.9 28.2 42.2  
84 123.5 76.6 114.8

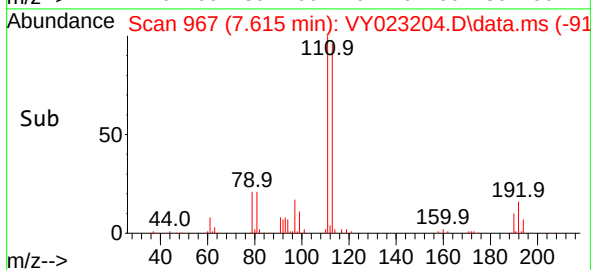
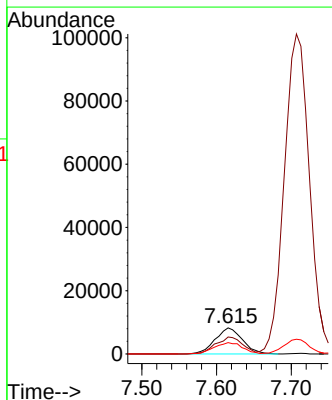
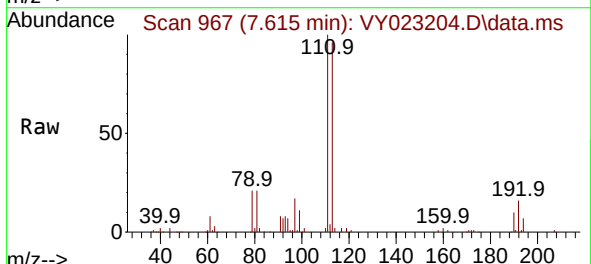
Manual Integrations  
APPROVED

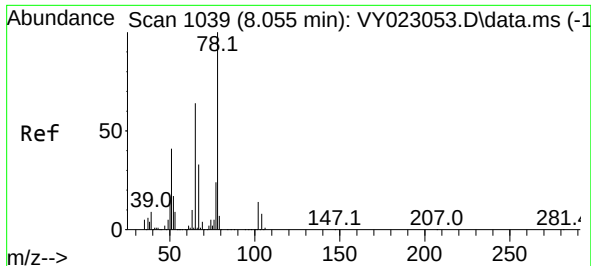
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#32  
1,1,1-Trichloroethane  
Concen: 2.714 ug/l  
RT: 7.615 min Scan# 967  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion: 97 Resp: 20851  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.6 77.4  
61 45.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.417 ug/l

RT: 8.060 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 65 Resp: 214129

Ion Ratio Lower Upper

65 100

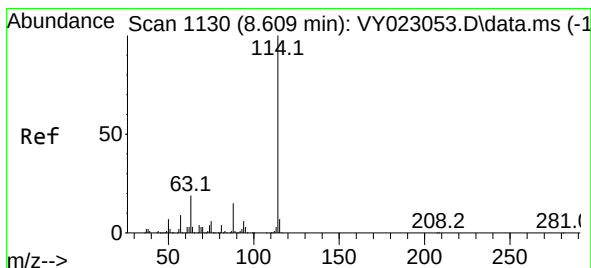
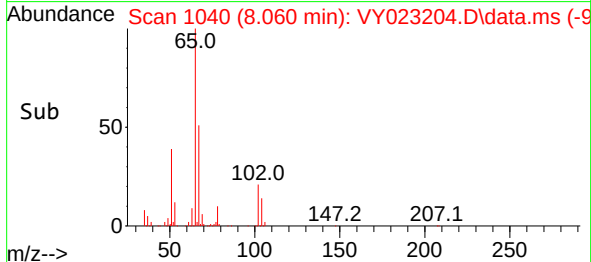
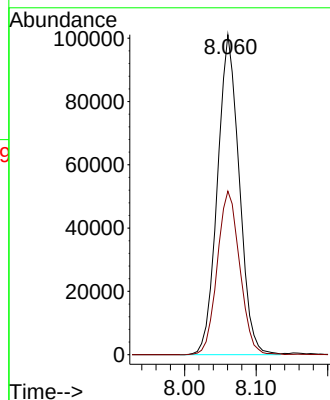
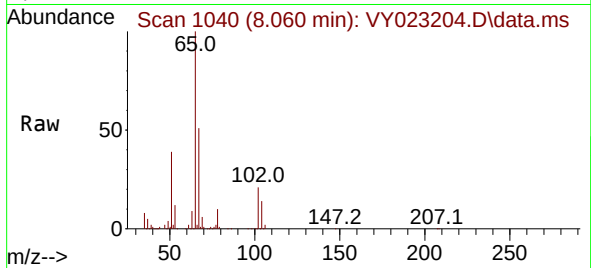
67 52.7 0.0 106.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

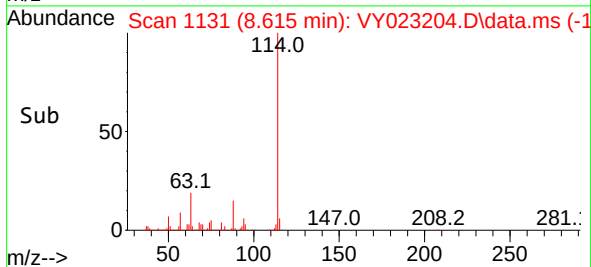
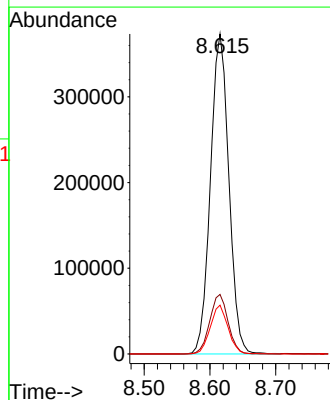
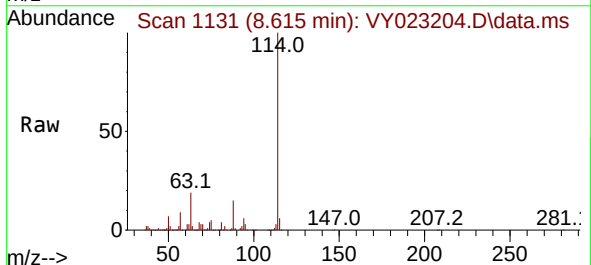
Tgt Ion:114 Resp: 727774

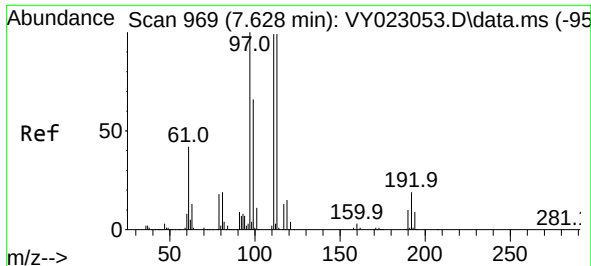
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

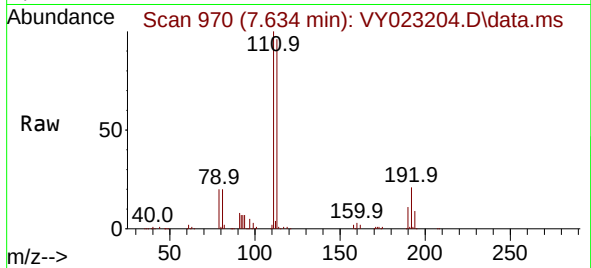
88 15.2 0.0 30.0





#35  
Dibromofluoromethane  
Concen: 51.251 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

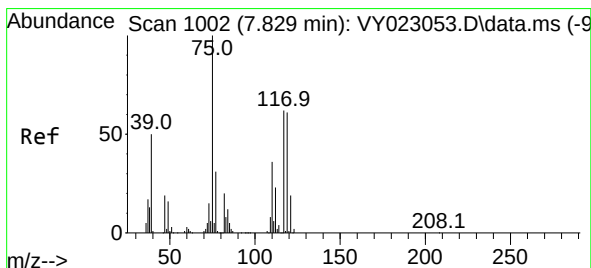
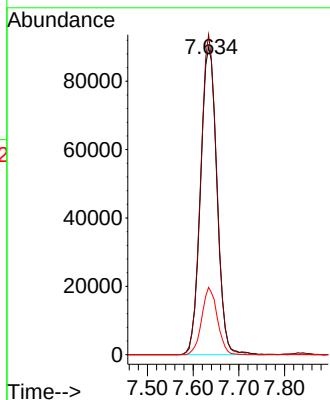
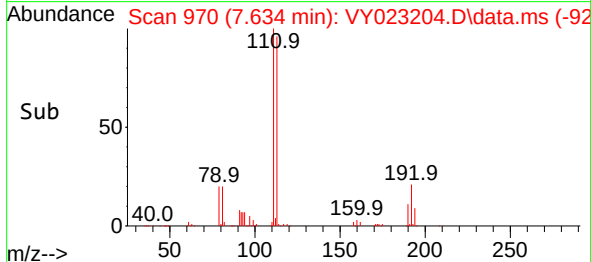
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 113 Resp: 223180  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.1 121.7  
192 20.8 16.2 24.4

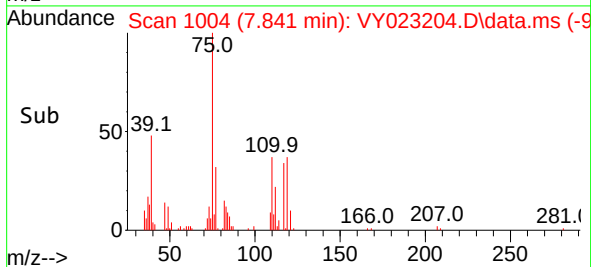
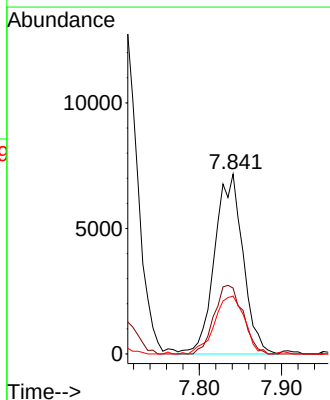
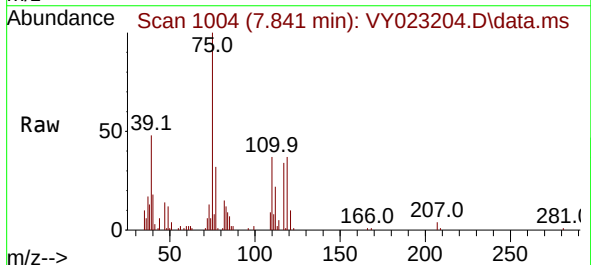
Manual Integrations  
APPROVED

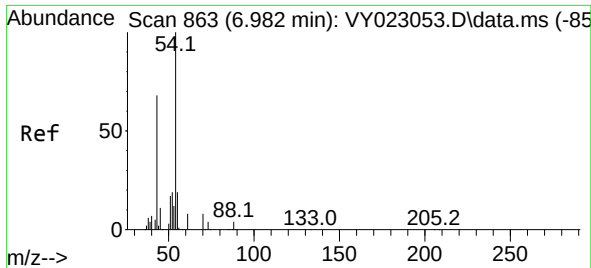
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#36  
1,1-Dichloropropene  
Concen: 2.649 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

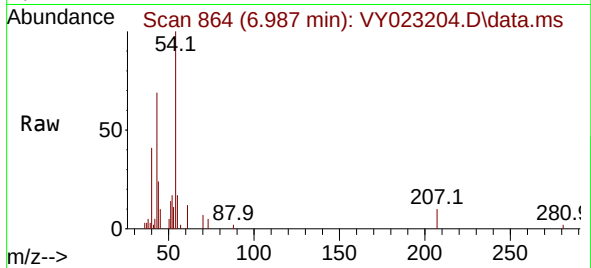
Tgt Ion: 75 Resp: 17143  
Ion Ratio Lower Upper  
75 100  
110 38.5 18.1 54.4  
77 34.3 24.6 37.0





#37  
Ethyl Acetate  
Concen: 2.329 ug/l m  
RT: 6.987 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

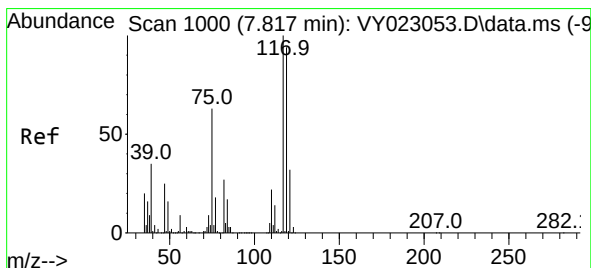
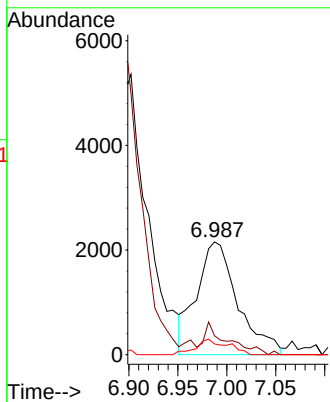
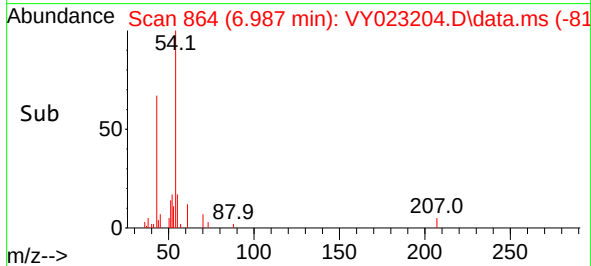
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



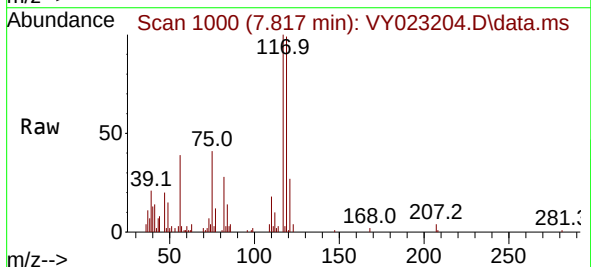
Tgt Ion: 43 Resp: 633  
Ion Ratio Lower Upper  
43 100  
61 16.1 11.9 17.9  
70 10.6 8.8 13.2

Manual Integrations  
APPROVED

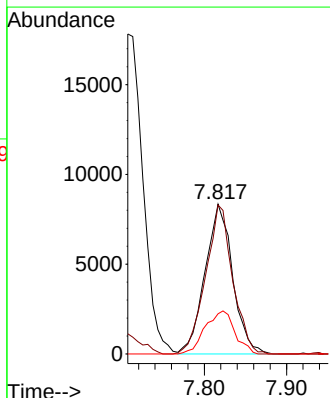
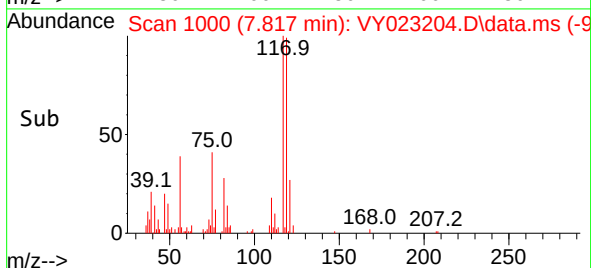
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

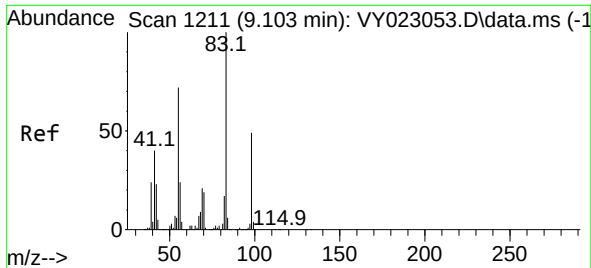


#38  
Carbon Tetrachloride  
Concen: 2.774 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



Tgt Ion:117 Resp: 19500  
Ion Ratio Lower Upper  
117 100  
119 99.5 75.6 113.4  
121 26.9 25.8 38.8





#39

Methylcyclohexane

Concen: 2.718 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023204.D

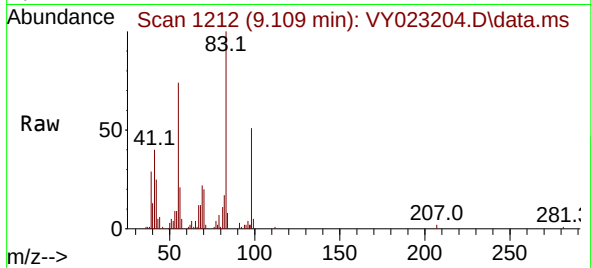
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

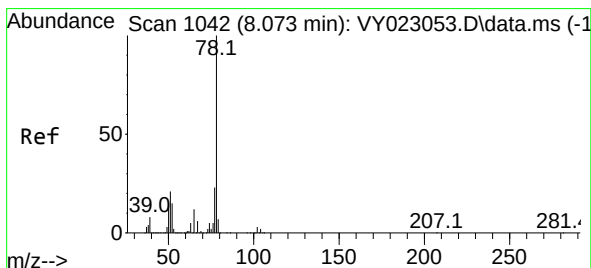
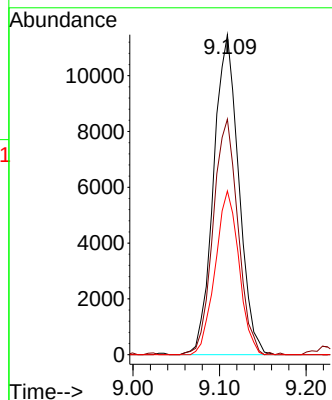
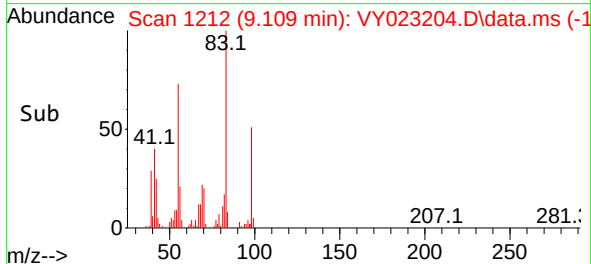


|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 2316     |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 55          | 73.6 57.6 86.4 |
| 98          | 51.2 39.2 58.8 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#40

Benzene

Concen: 2.580 ug/l

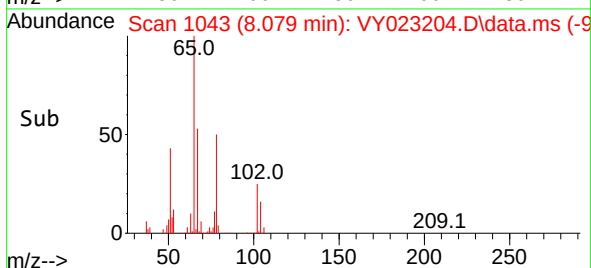
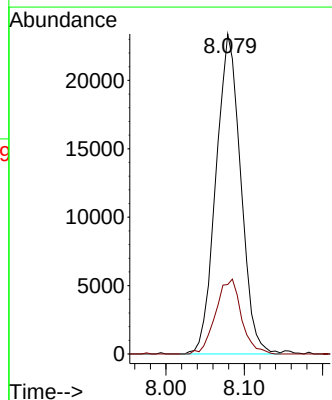
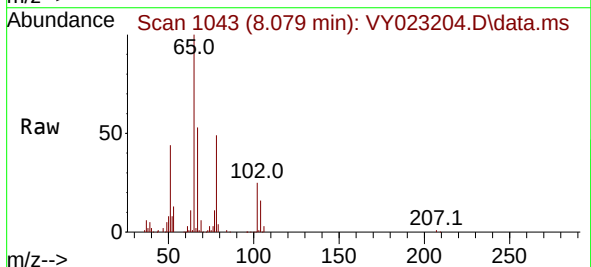
RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

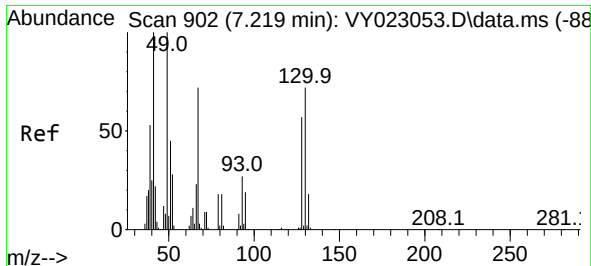
Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 51463    |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 21.7 18.6 28.0 |

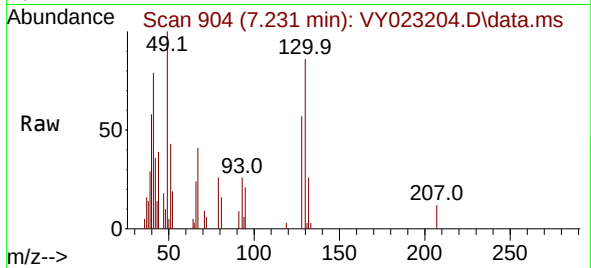






#41  
Methacrylonitrile  
Concen: 2.075 ug/l m  
RT: 7.231 min Scan# 904  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

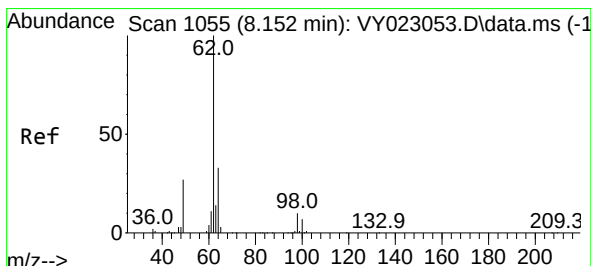
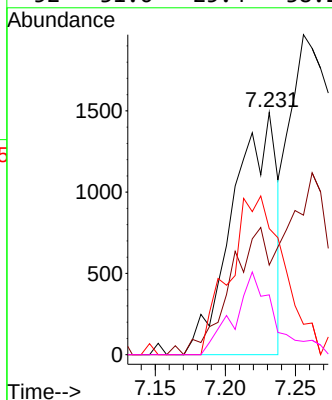
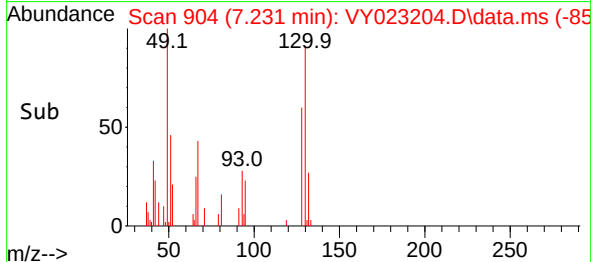
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



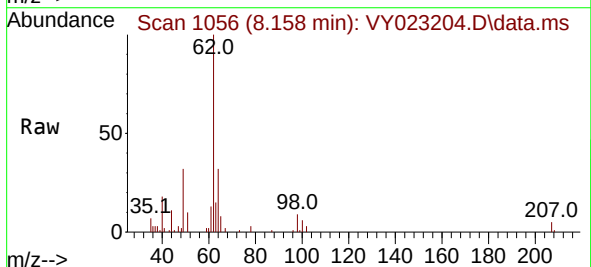
Tgt Ion: 41 Resp: 325  
Ion Ratio Lower Upper  
41 100  
39 46.7 43.4 65.2  
67 82.4 63.6 95.4  
52 31.6 25.4 38.2

Manual Integrations  
APPROVED

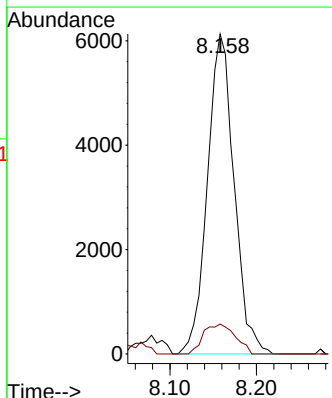
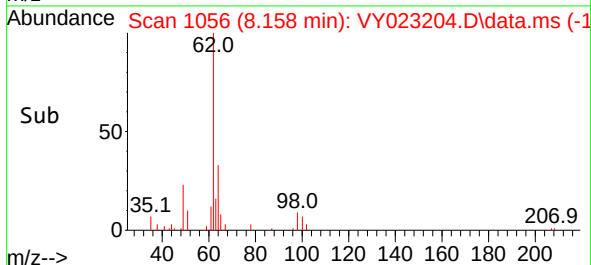
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

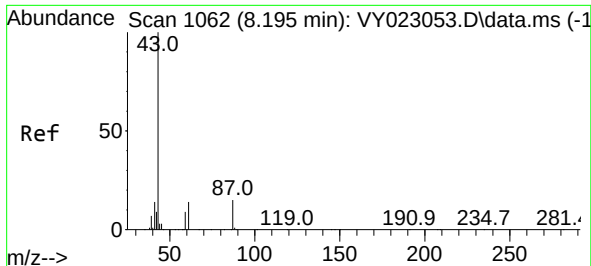


#42  
1,2-Dichloroethane  
Concen: 2.530 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



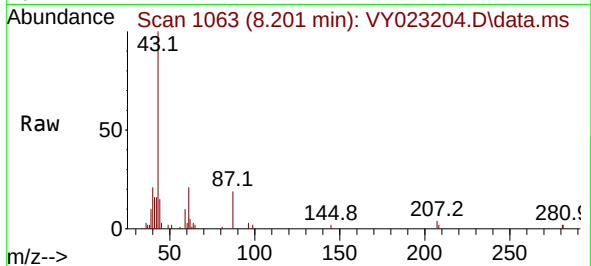
Tgt Ion: 62 Resp: 13127  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 20.6





#43  
Isopropyl Acetate  
Concen: 2.103 ug/l  
RT: 8.201 min Scan# 1063  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

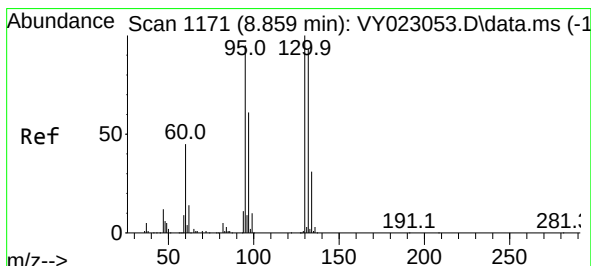
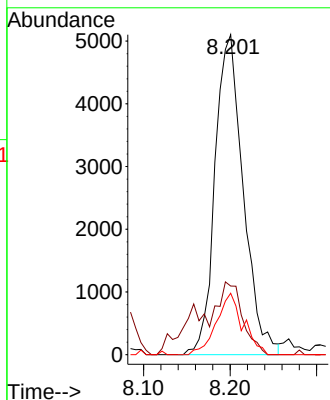
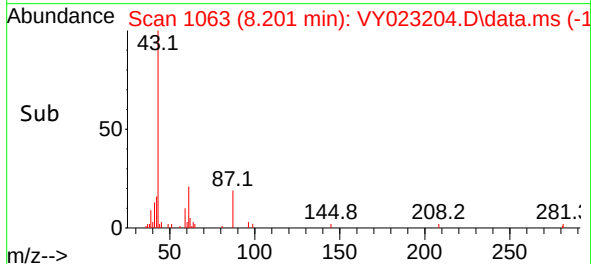
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 11550  
Ion Ratio Lower Upper  
43 100  
61 20.3 16.4 24.6  
87 18.2 11.8 17.6

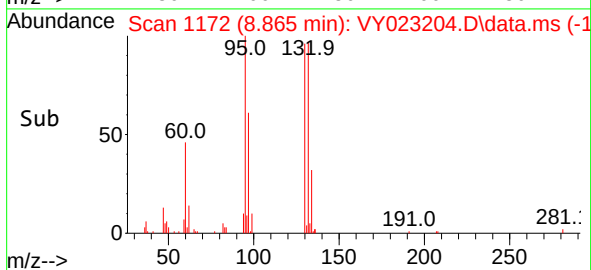
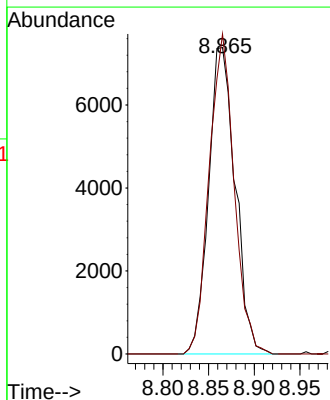
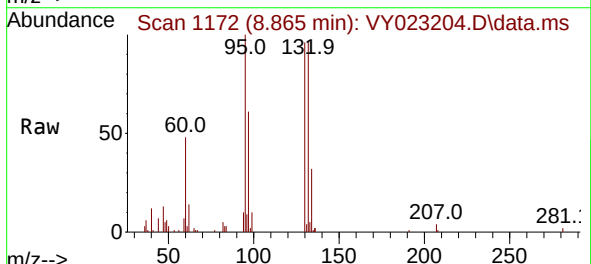
Manual Integrations  
APPROVED

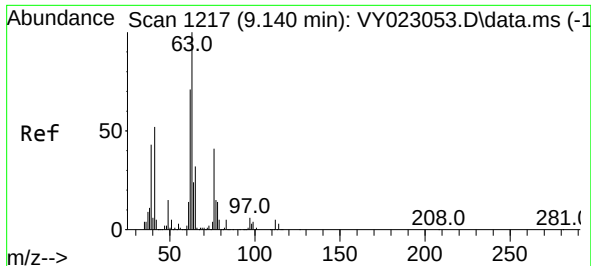
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#44  
Trichloroethene  
Concen: 2.906 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion:130 Resp: 14979  
Ion Ratio Lower Upper  
130 100  
95 104.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 2.596 ug/l

RT: 9.146 min Scan# 1191

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 63 Resp: 1191

Ion Ratio Lower Upper

63 100

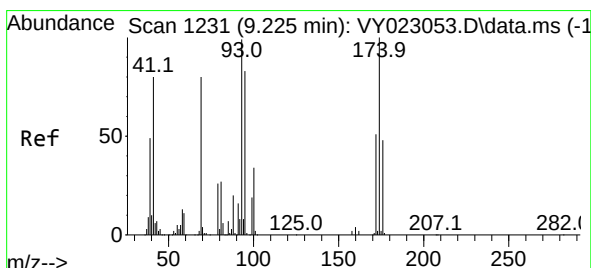
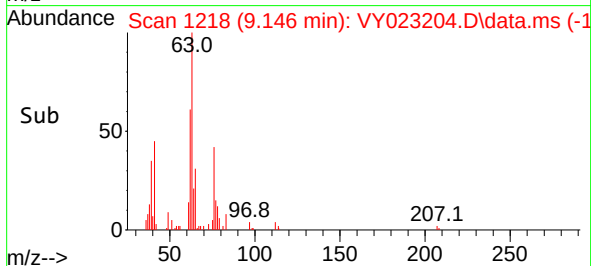
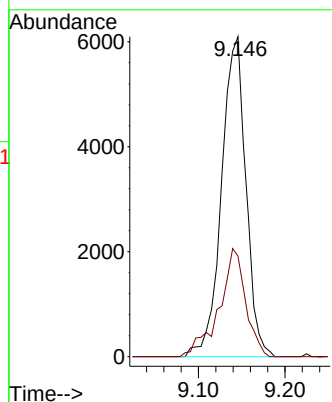
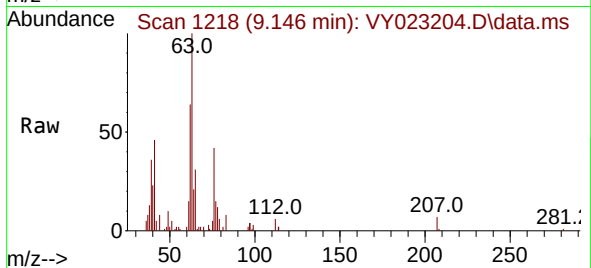
65 31.5 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#46

Dibromomethane

Concen: 2.578 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

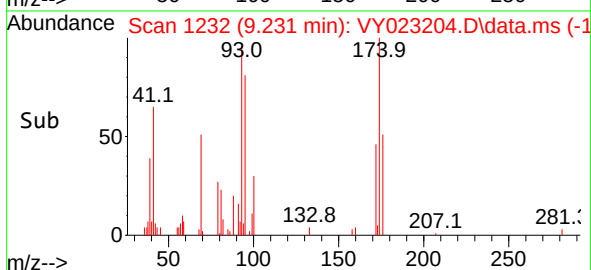
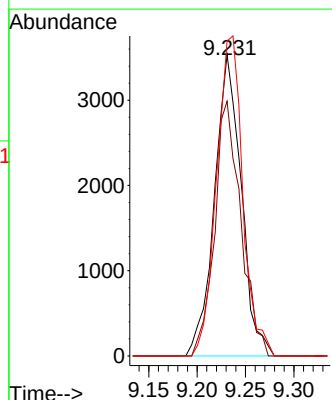
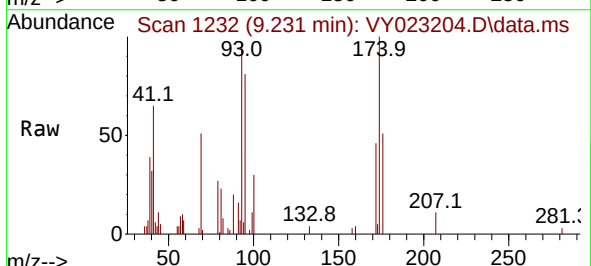
Tgt Ion: 93 Resp: 6790

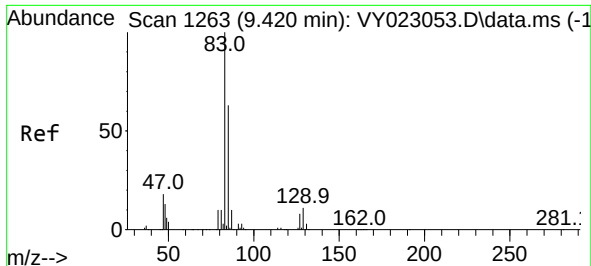
Ion Ratio Lower Upper

93 100

95 82.7 66.5 99.7

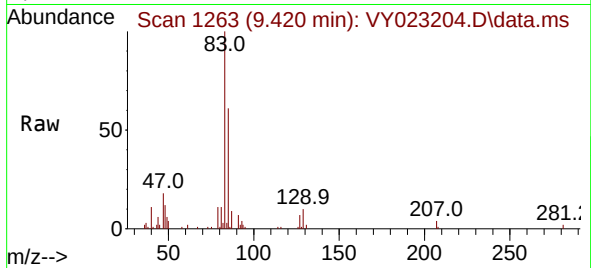
174 104.2 81.8 122.8





#47  
Bromodichloromethane  
Concen: 2.563 ug/l  
RT: 9.420 min Scan# 1263  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

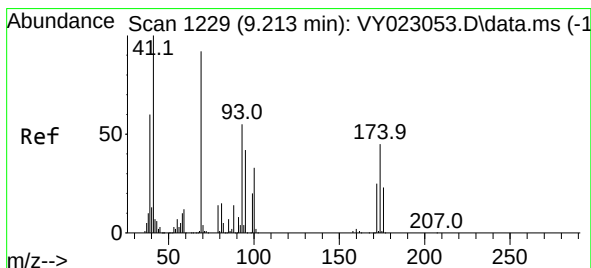
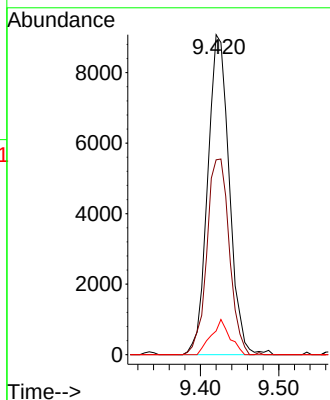
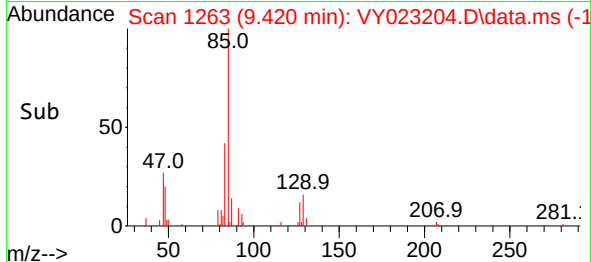
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



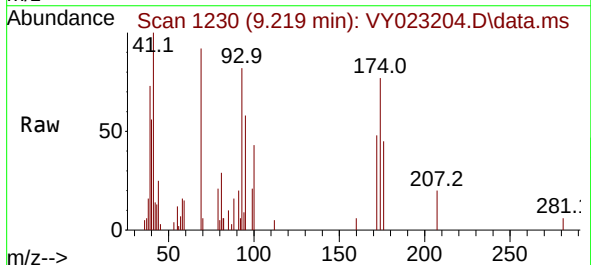
Tgt Ion: 83 Resp: 17372  
Ion Ratio Lower Upper  
83 100  
85 60.9 50.2 75.4  
127 7.4 6.6 10.0

Manual Integrations  
APPROVED

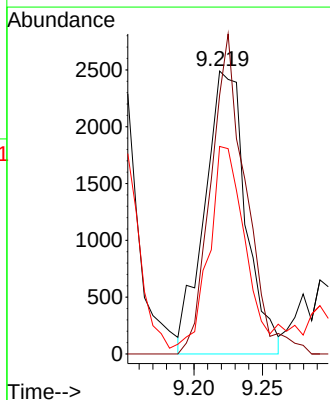
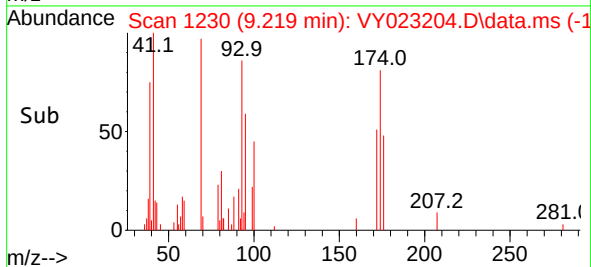
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

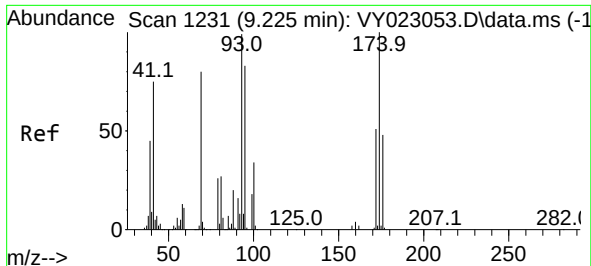


#48  
Methyl methacrylate  
Concen: 1.985 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



Tgt Ion: 41 Resp: 5220  
Ion Ratio Lower Upper  
41 100  
69 95.6 73.2 109.8  
39 60.2 47.0 70.4





#49

1,4-Dioxane

Concen: 51.250 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY023204.D

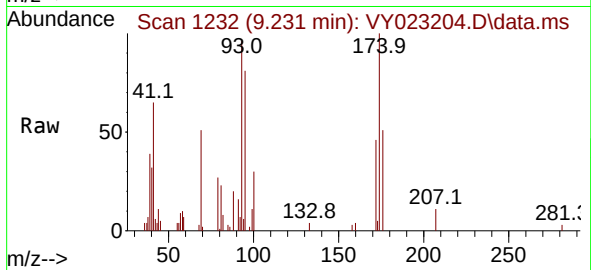
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



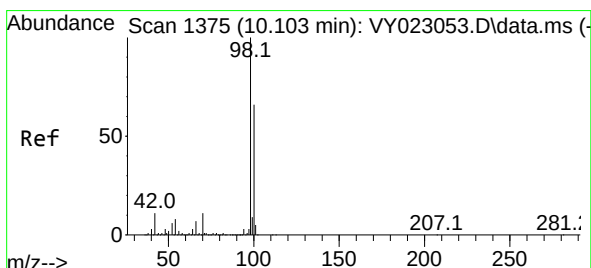
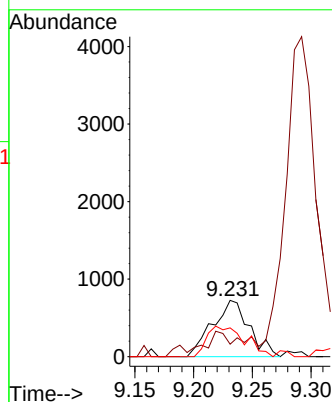
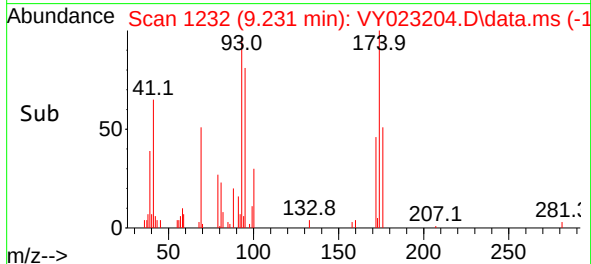
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 158   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 19.5  | 24.3  | 36.5  |
| 58       | 55.1  | 55.4  | 83.0  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#50

Toluene-d8

Concen: 49.158 ug/l

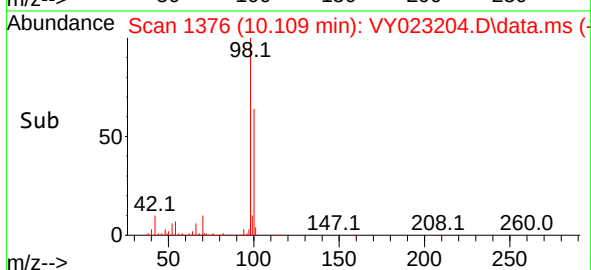
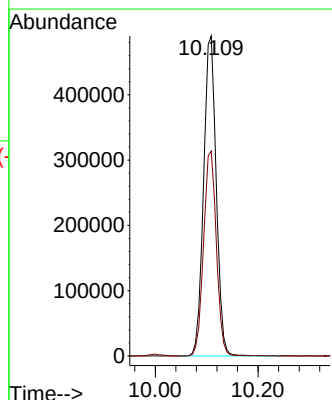
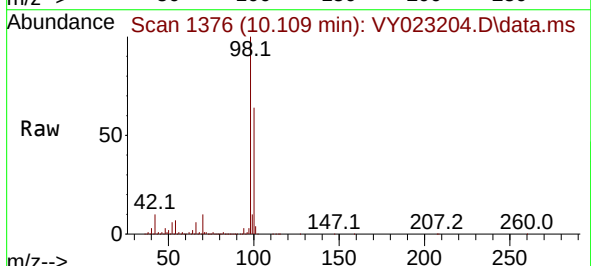
RT: 10.109 min Scan# 1376

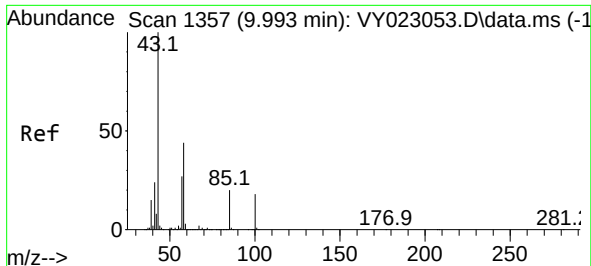
Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 836293 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.7  | 52.3  | 78.5   |





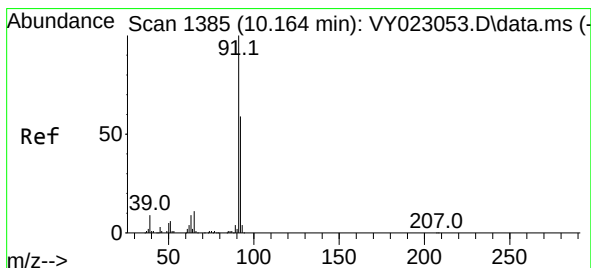
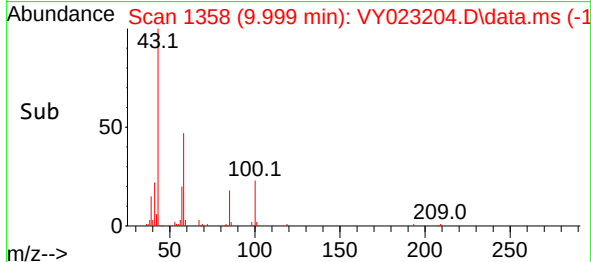
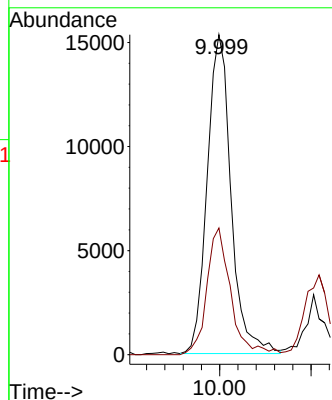
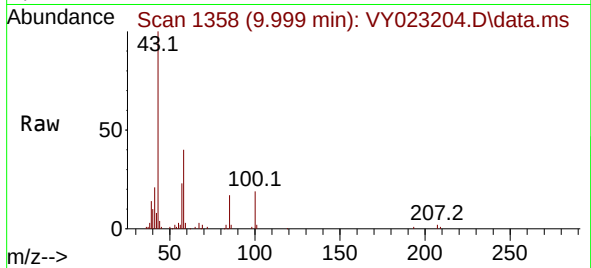
#51  
4-Methyl-2-Pentanone  
Concen: 9.770 ug/l  
RT: 9.999 min Scan# 1357  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 43 Resp: 27692  
Ion Ratio Lower Upper  
43 100  
58 39.8 33.5 50.3

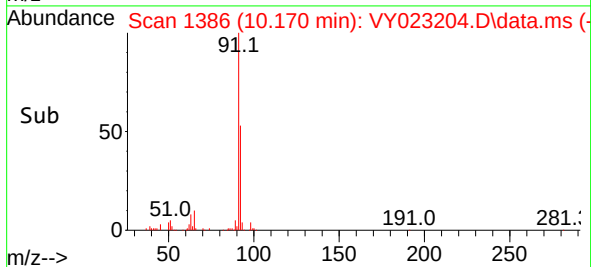
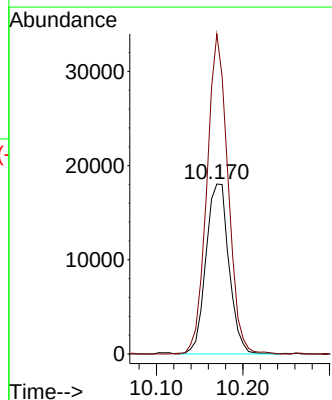
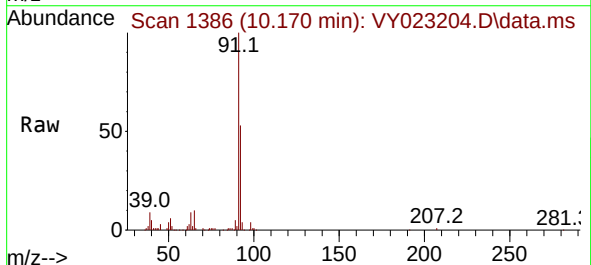
Manual Integrations  
APPROVED

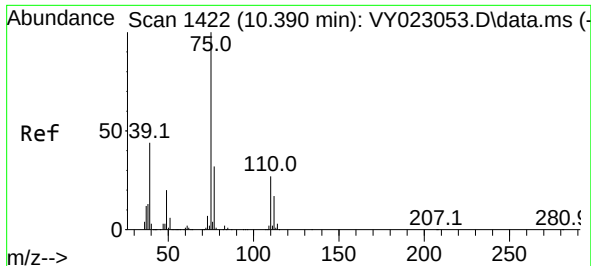
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#52  
Toluene  
Concen: 2.628 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion: 92 Resp: 33298  
Ion Ratio Lower Upper  
92 100  
91 172.9 136.4 204.6





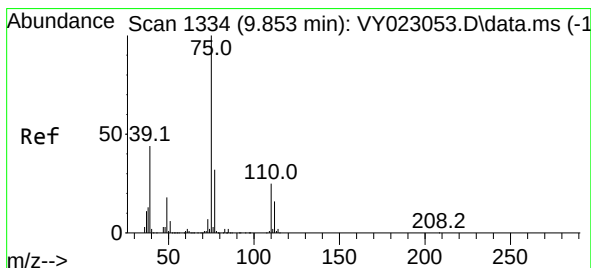
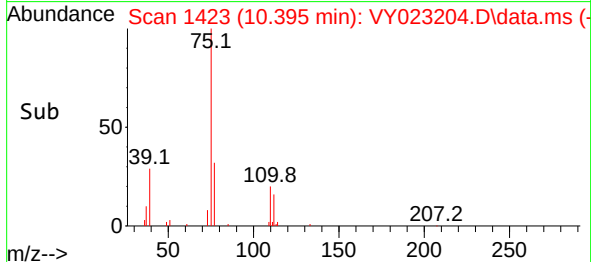
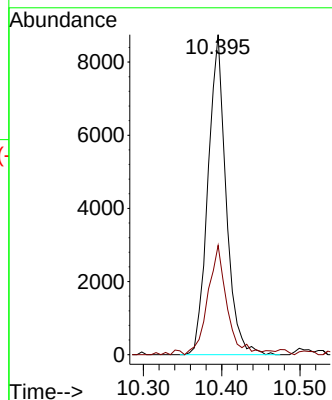
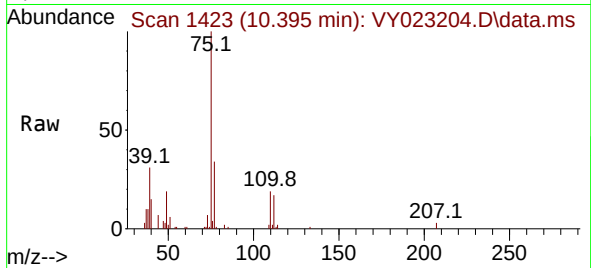
#53  
t-1,3-Dichloropropene  
Concen: 2.278 ug/l  
RT: 10.395 min Scan# 1423  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 75 Resp: 1398  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.7 38.5

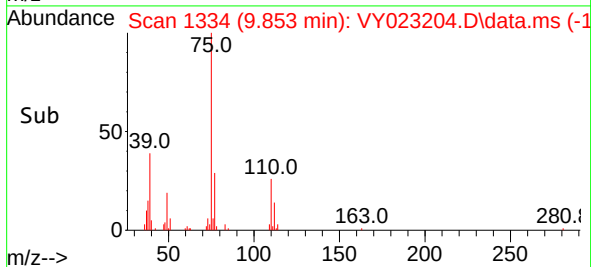
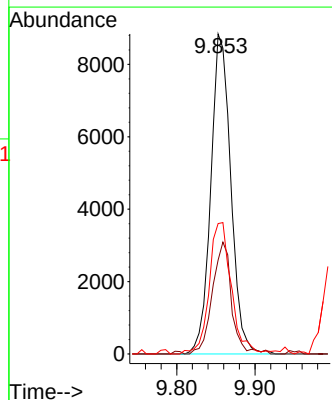
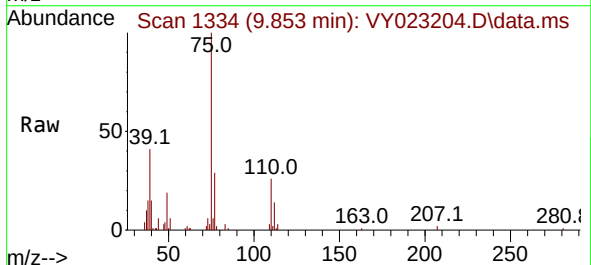
Manual Integrations  
APPROVED

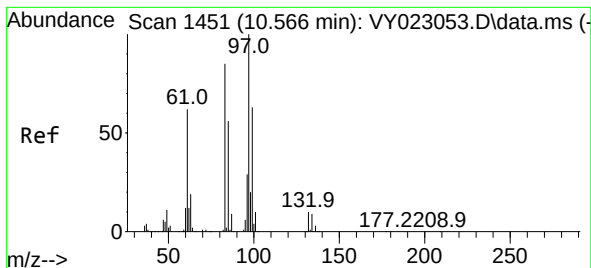
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#54  
cis-1,3-Dichloropropene  
Concen: 2.167 ug/l  
RT: 9.853 min Scan# 1334  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion: 75 Resp: 15726  
Ion Ratio Lower Upper  
75 100  
77 29.4 25.4 38.0  
39 40.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 2.679 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023204.D

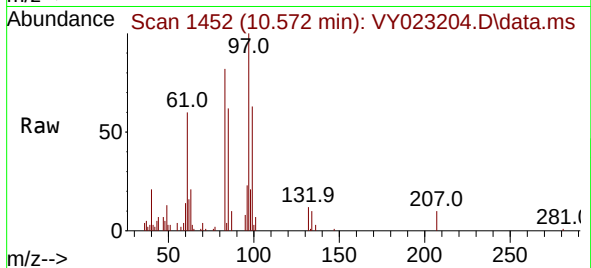
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 97 Resp: 944

Ion Ratio Lower Upper

97 100

83 82.4 67.7 101.5

85 61.6 44.5 66.7

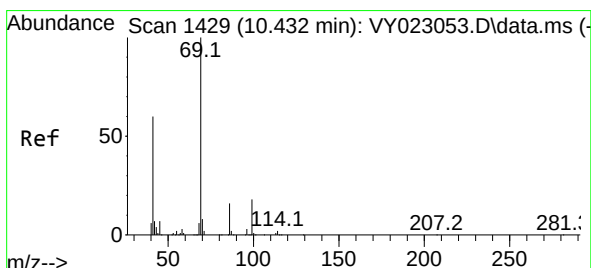
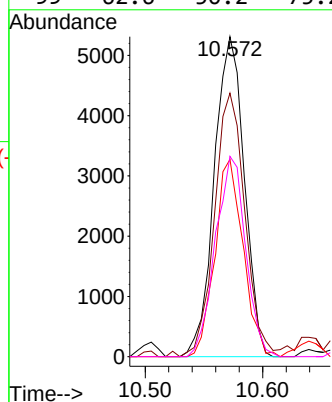
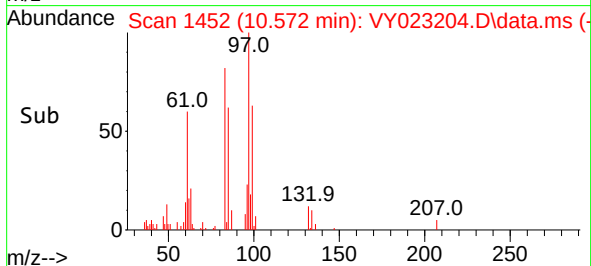
99 62.6 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#56

Ethyl methacrylate

Concen: 1.907 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

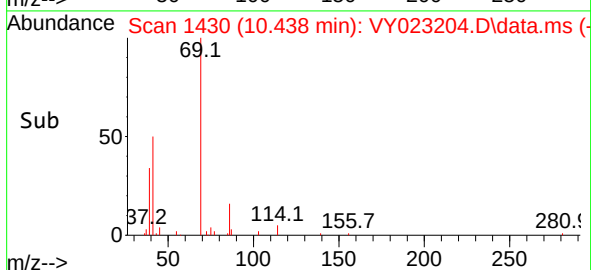
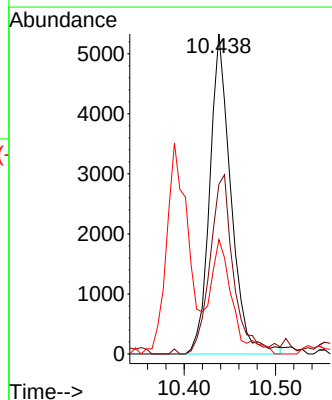
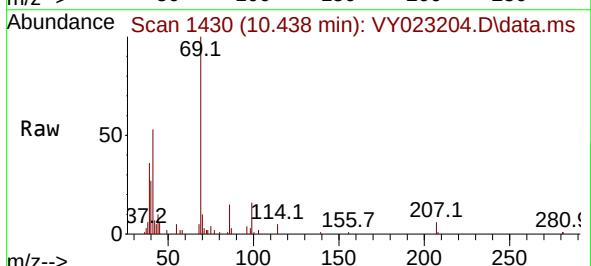
Tgt Ion: 69 Resp: 8602

Ion Ratio Lower Upper

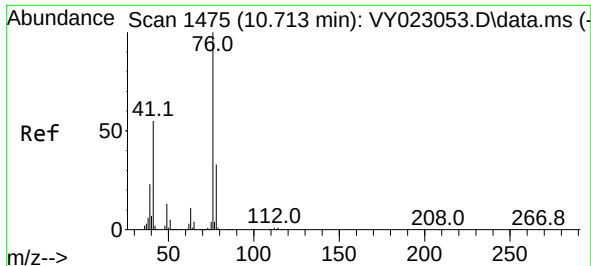
69 100

41 60.9 48.6 72.8

39 36.2 27.0 40.4







#57

1,3-Dichloropropane

Concen: 2.488 ug/l

RT: 10.718 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 76 Resp: 1487

Ion Ratio Lower Upper

76 100

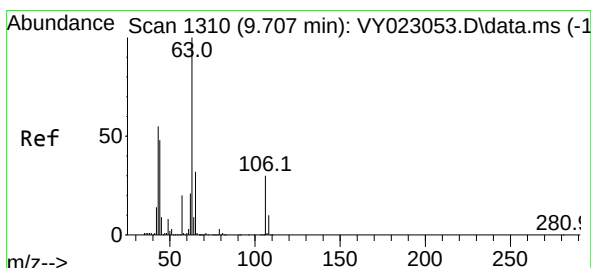
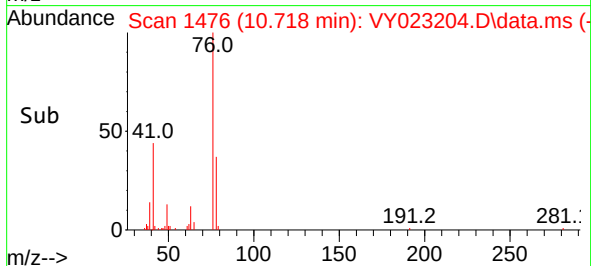
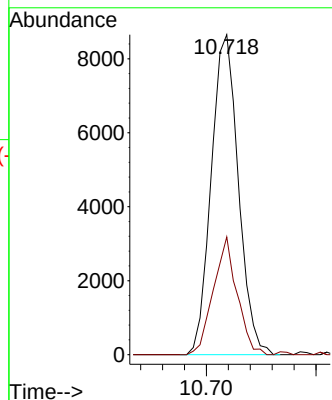
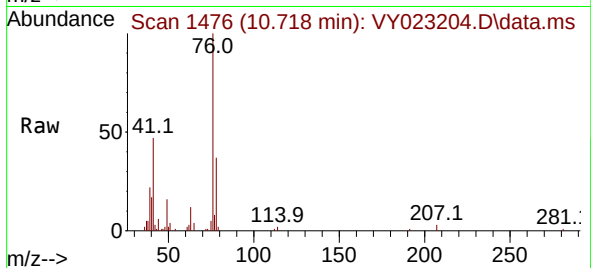
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 7.767 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023204.D

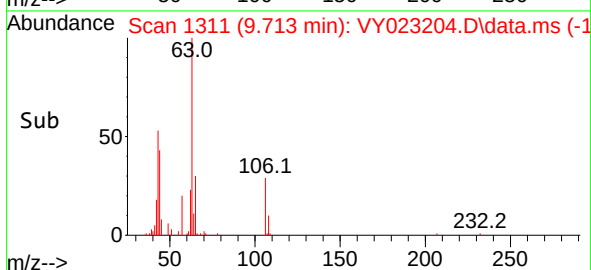
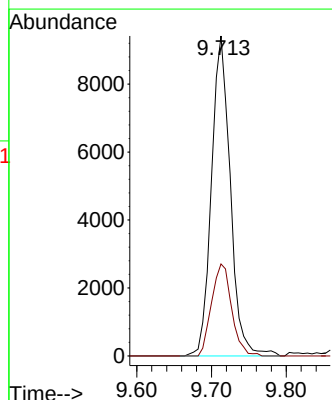
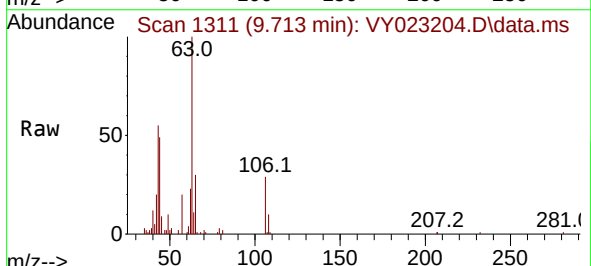
Acq: 25 Aug 2025 11:11

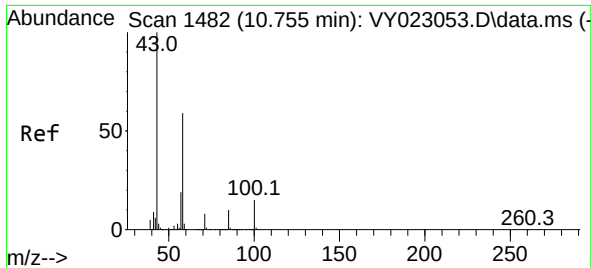
Tgt Ion: 63 Resp: 16525

Ion Ratio Lower Upper

63 100

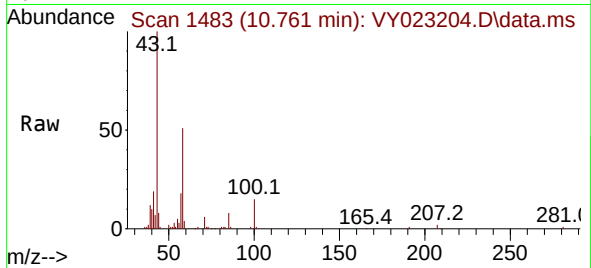
106 30.5 23.2 34.8





#59  
2-Hexanone  
Concen: 10.242 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

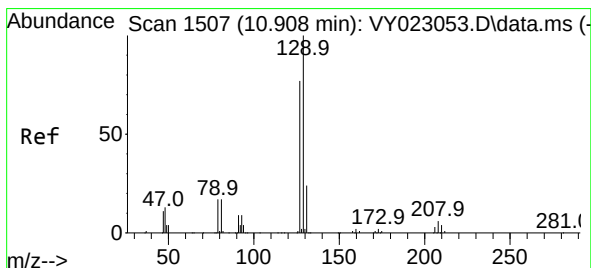
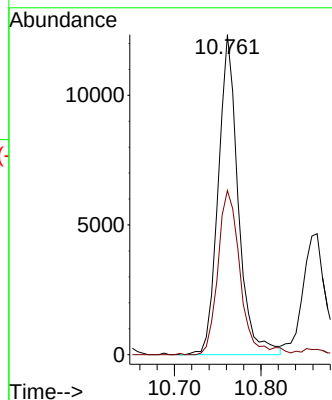
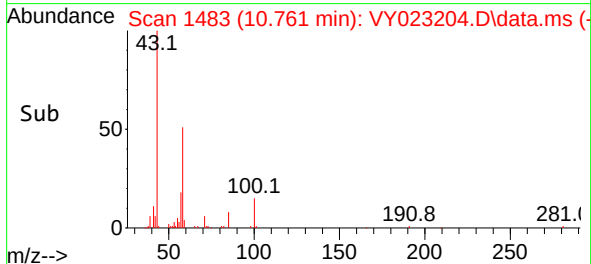
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 43 Resp: 1976  
Ion Ratio Lower Upper  
43 100  
58 57.2 29.5 88.5

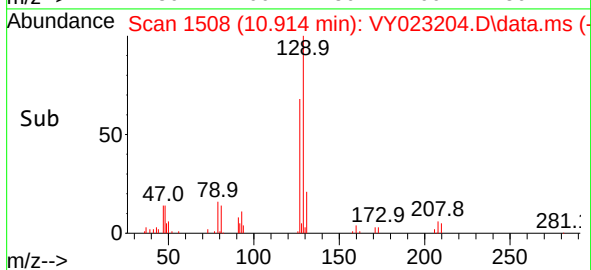
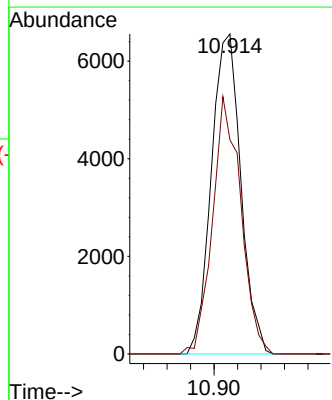
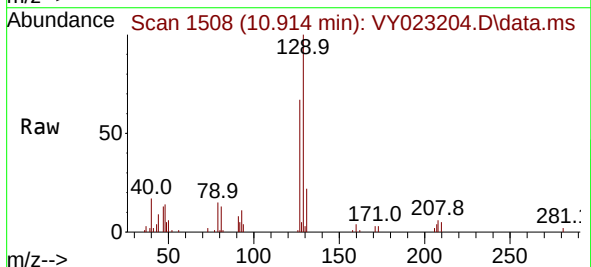
Manual Integrations  
APPROVED

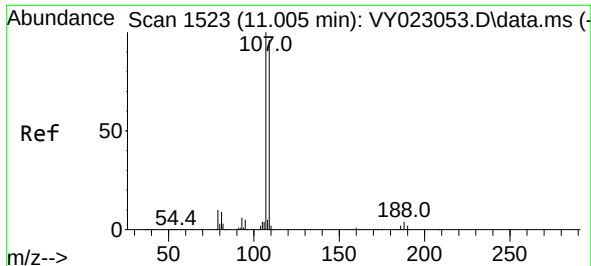
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#60  
Dibromochloromethane  
Concen: 2.456 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

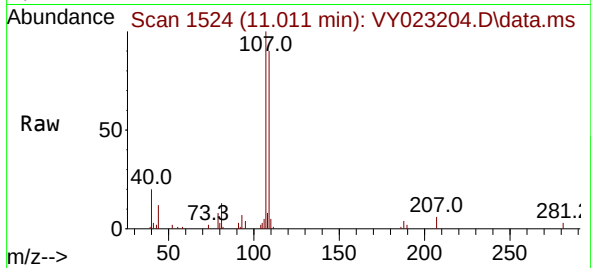
Tgt Ion:129 Resp: 11423  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 2.400 ug/l  
RT: 11.011 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

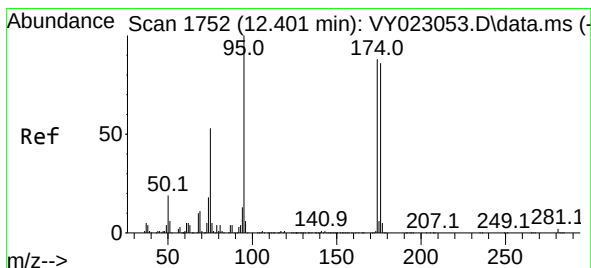
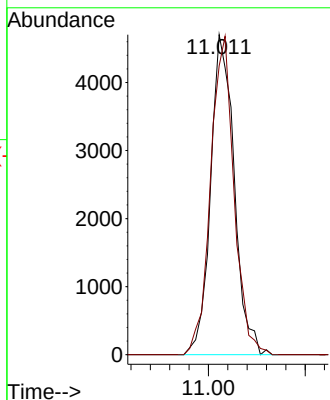
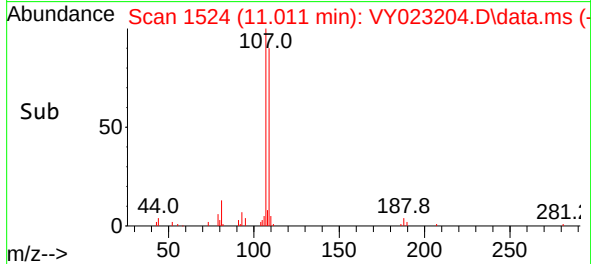
Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:107 Resp: 7952  
Ion Ratio Lower Upper  
107 100  
109 99.3 75.6 113.4

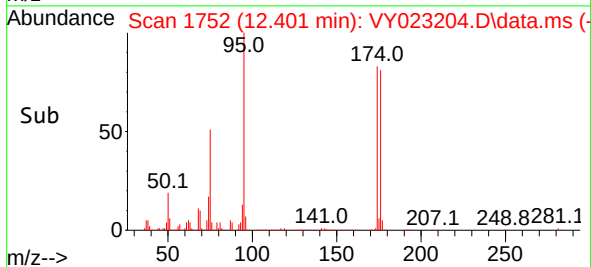
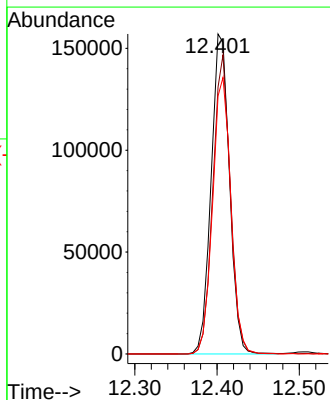
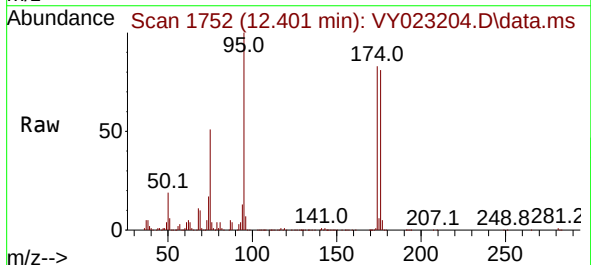
Manual Integrations  
APPROVED

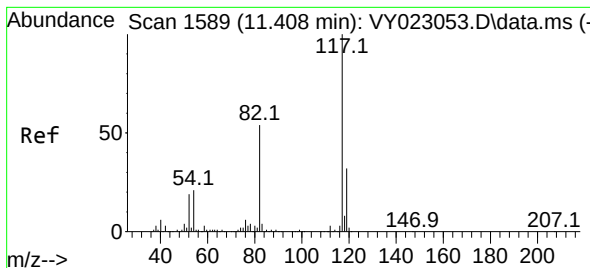
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#62  
4-Bromofluorobenzene  
Concen: 44.521 ug/l  
RT: 12.401 min Scan# 1752  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion: 95 Resp: 243578  
Ion Ratio Lower Upper  
95 100  
174 89.5 0.0 171.6  
176 86.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023204.D

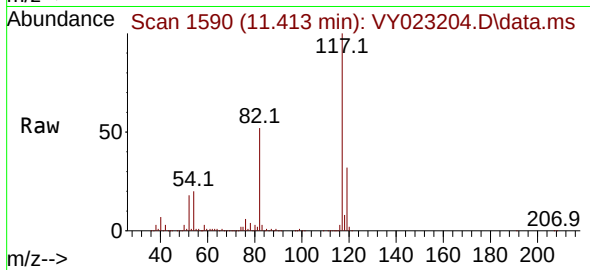
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:117 Resp: 612340

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

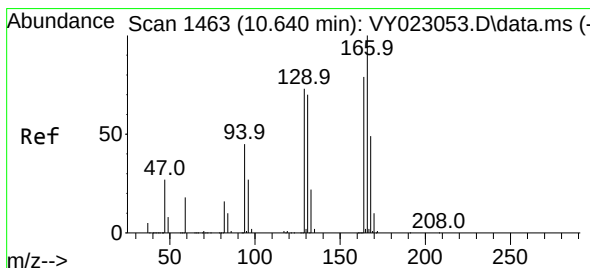
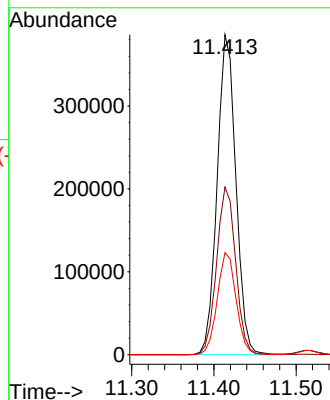
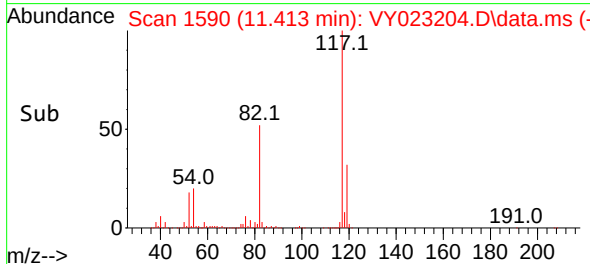
119 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#64

Tetrachloroethene

Concen: 3.293 ug/l

RT: 10.651 min Scan# 1465

Delta R.T. 0.012 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Tgt Ion:164 Resp: 18004

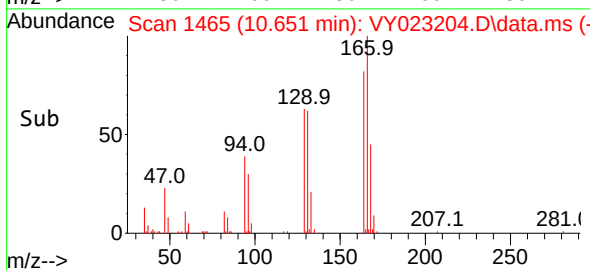
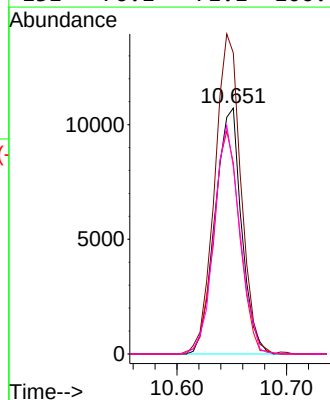
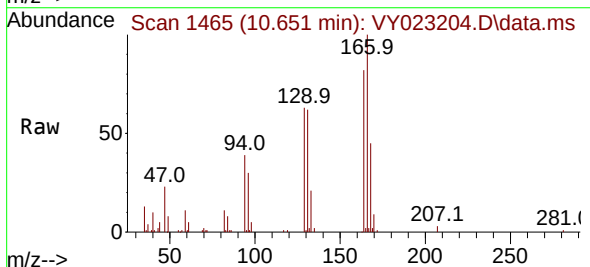
Ion Ratio Lower Upper

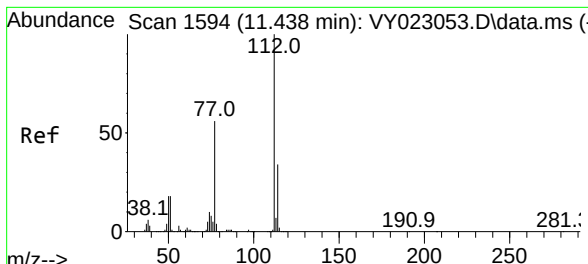
164 100

166 122.3 101.1 151.7

129 77.6 74.0 111.0

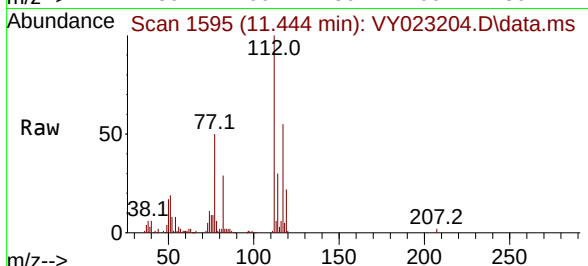
131 76.1 71.1 106.7





#65  
Chlorobenzene  
Concen: 2.831 ug/l  
RT: 11.444 min Scan# 1159  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

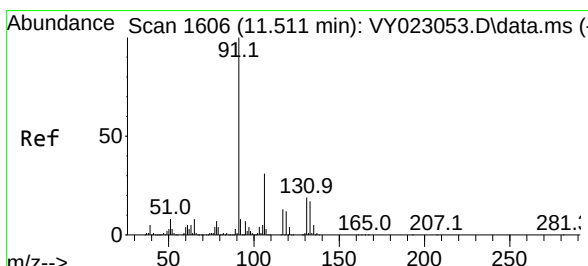
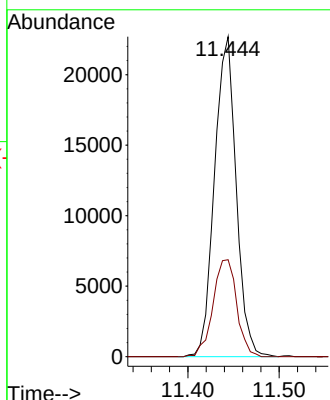
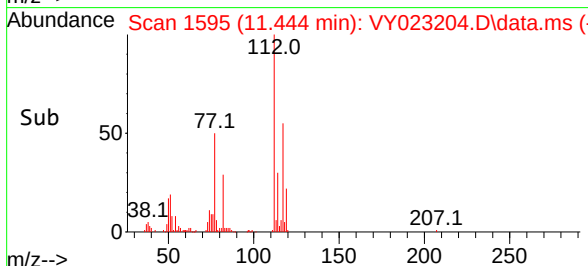
Instrument : MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:112 Resp: 3738  
Ion Ratio Lower Upper  
112 100  
114 30.3 27.0 40.4

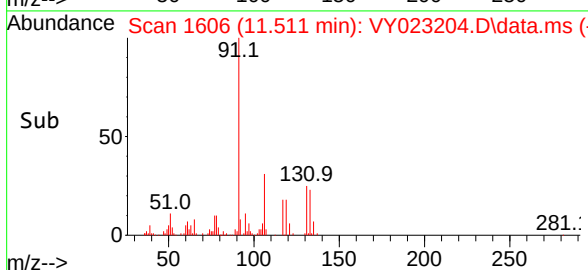
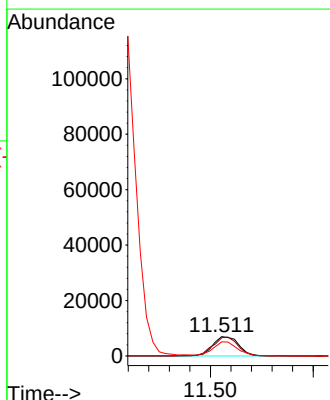
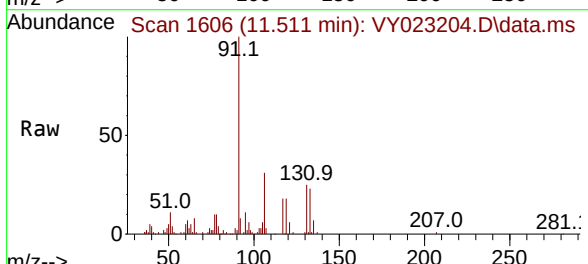
Manual Integrations  
APPROVED

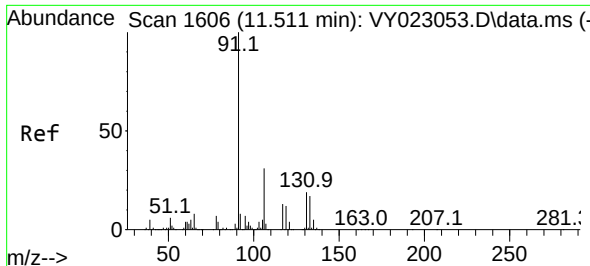
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.715 ug/l  
RT: 11.511 min Scan# 1606  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion:131 Resp: 12169  
Ion Ratio Lower Upper  
131 100  
133 95.5 46.9 140.6  
119 70.0 33.2 99.6





#67

Ethyl Benzene

Concen: 2.536 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 91 Resp: 57650

Ion Ratio Lower Upper

91 100

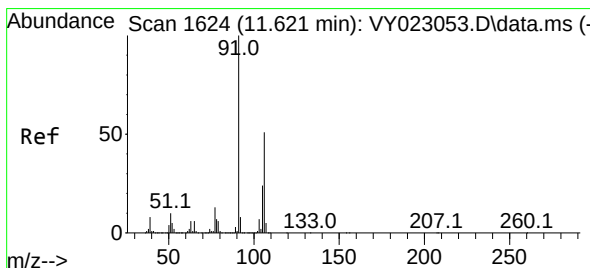
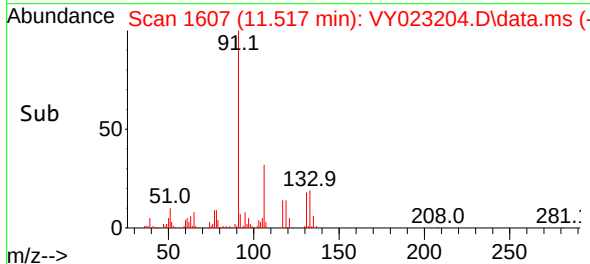
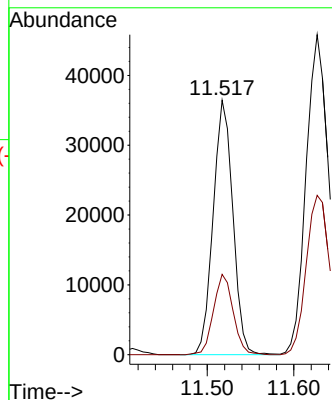
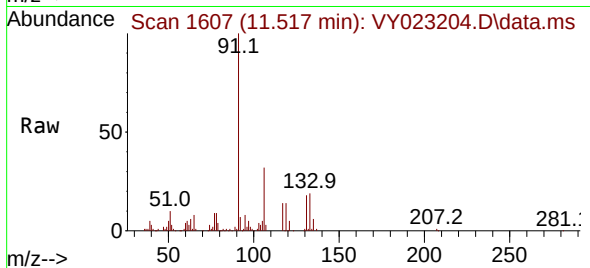
106 31.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#68

m/p-Xylenes

Concen: 4.837 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023204.D

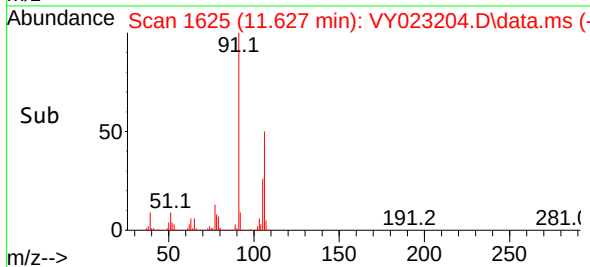
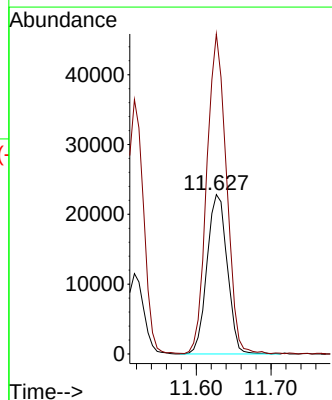
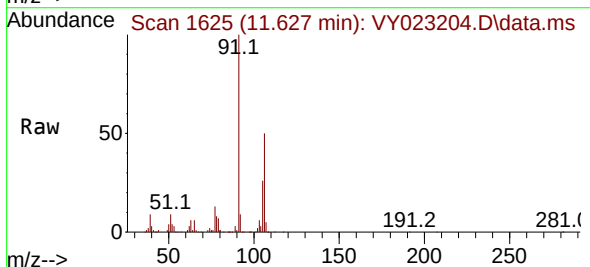
Acq: 25 Aug 2025 11:11

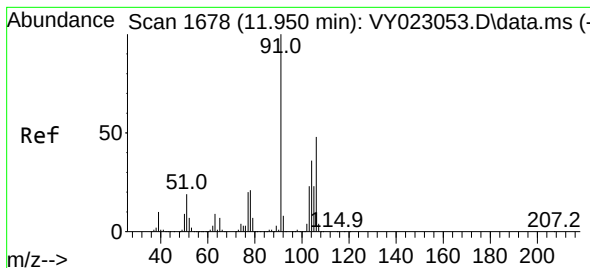
Tgt Ion:106 Resp: 42945

Ion Ratio Lower Upper

106 100

91 194.4 158.6 238.0





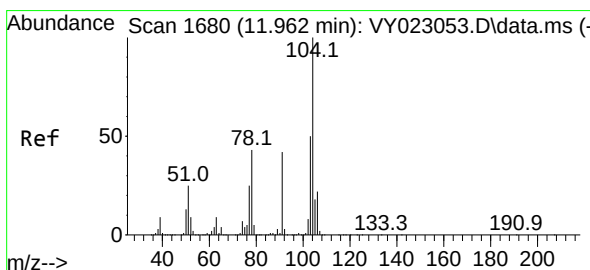
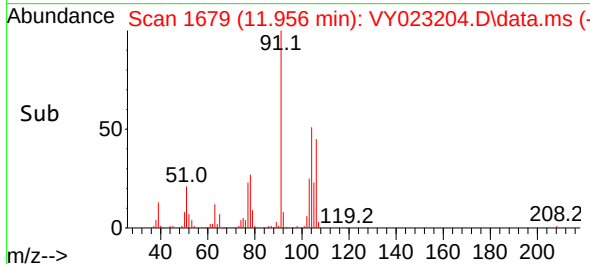
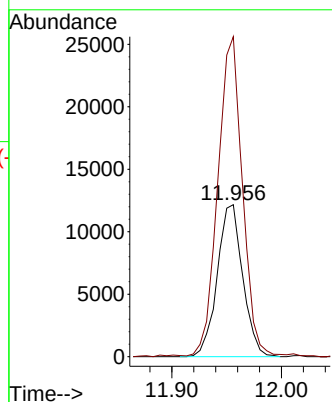
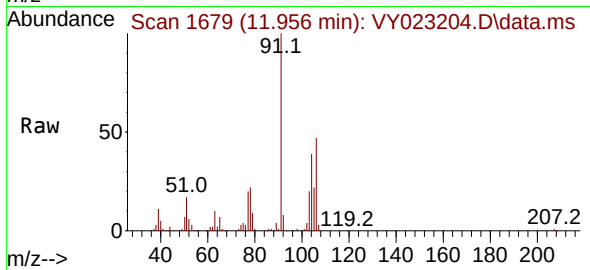
#69  
o-Xylene  
Concen: 2.360 ug/l  
RT: 11.956 min Scan# 1678  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Instrument :  
MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:106 Resp: 1962  
Ion Ratio Lower Upper  
106 100  
91 204.6 103.2 309.4

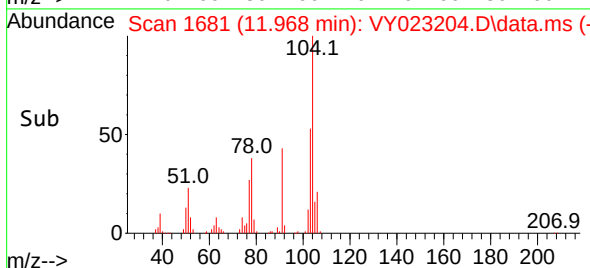
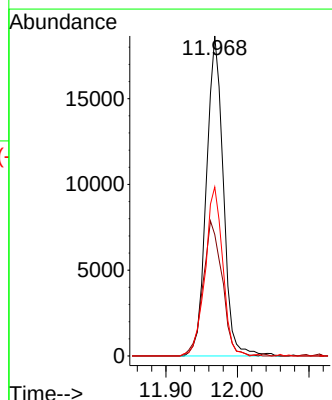
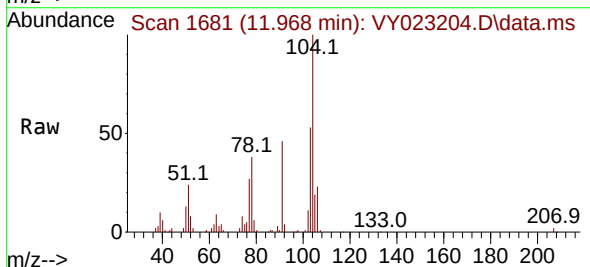
Manual Integrations  
APPROVED

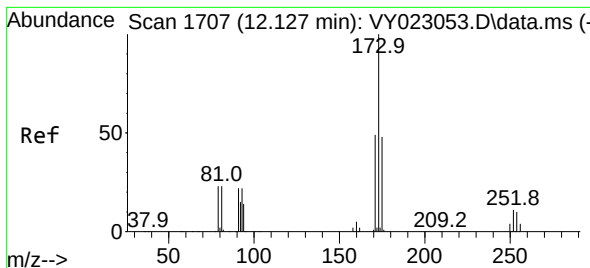
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#70  
Styrene  
Concen: 2.260 ug/l  
RT: 11.968 min Scan# 1681  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion:104 Resp: 30734  
Ion Ratio Lower Upper  
104 100  
78 47.4 38.5 57.7  
103 54.6 43.7 65.5





#71

Bromoform

Concen: 2.544 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

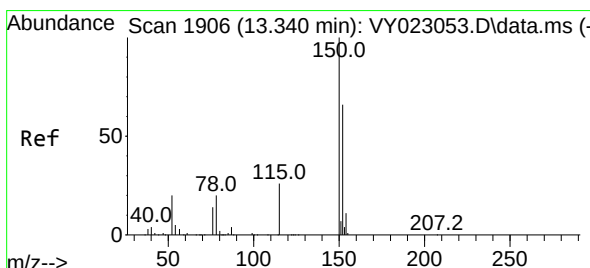
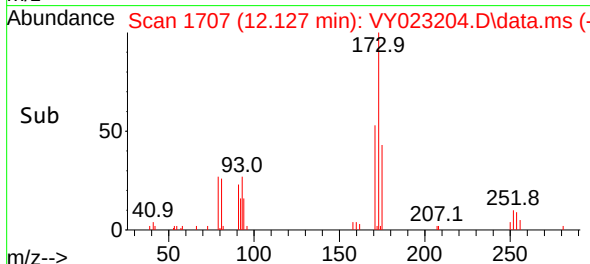
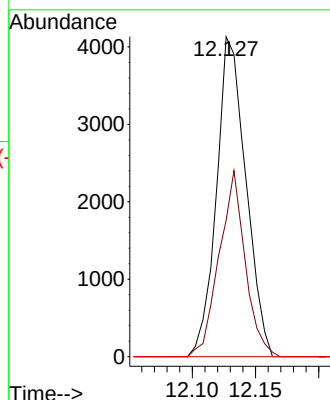
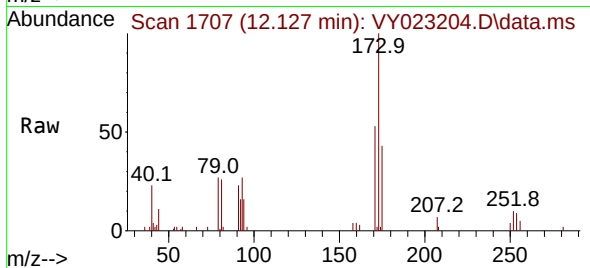
LOD-MDL-SOIL-01-QT3-2025

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 6660      |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 51.6  | 23.9 71.7 |
| 254         | 0.0   | 0.1 0.1   |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

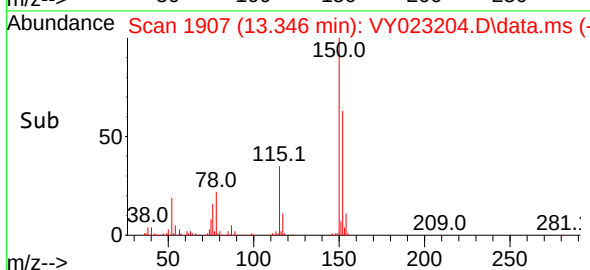
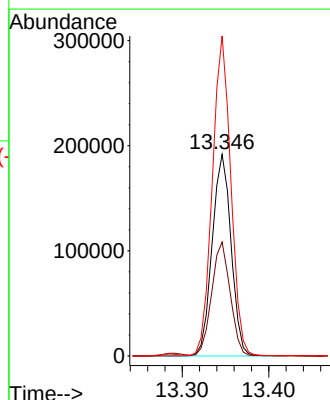
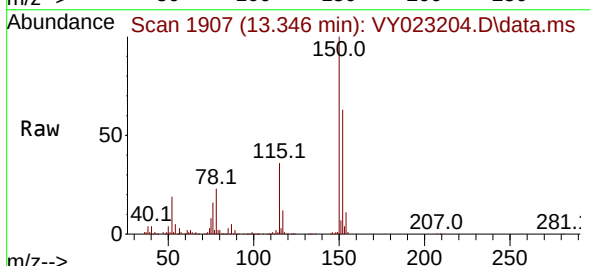
RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

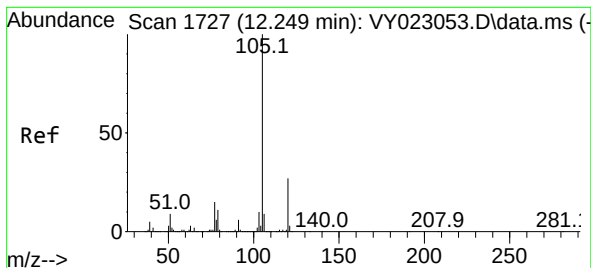
Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 290558    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 55.5  | 28.2 84.6 |
| 150         | 154.7 | 0.0 348.0 |







#73

Isopropylbenzene

Concen: 2.569 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:105 Resp: 52670

Ion Ratio Lower Upper

105 100

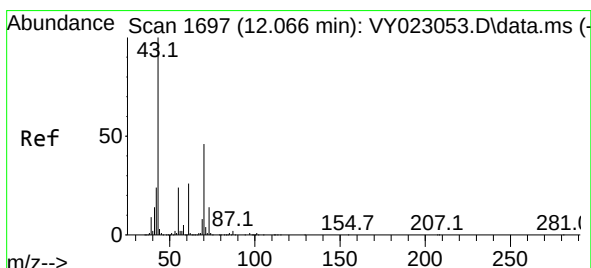
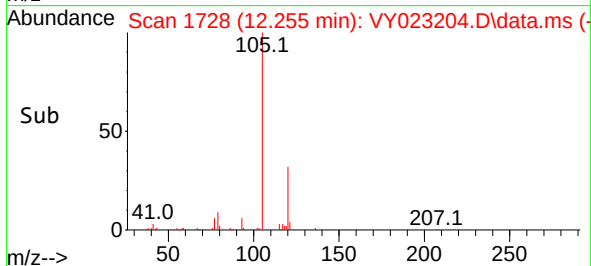
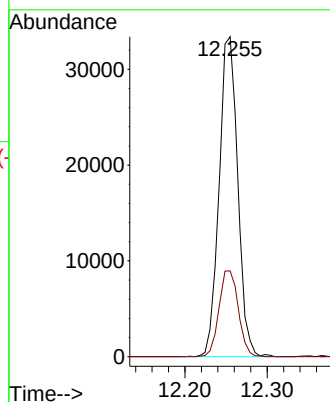
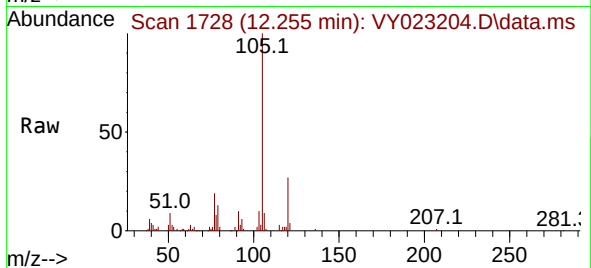
120 27.8 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025

Supervised By :Semsettin Yesilyurt 08/26/2025



#74

N-ethyl acetate

Concen: 1.934 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Tgt Ion: 43 Resp: 8413

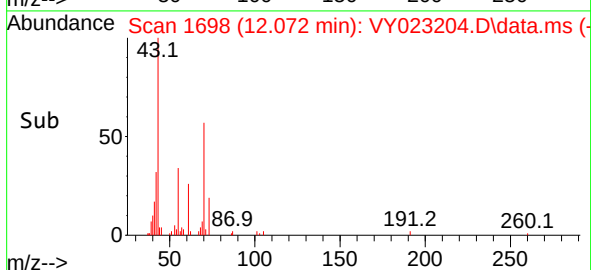
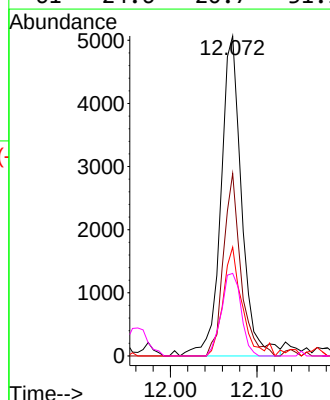
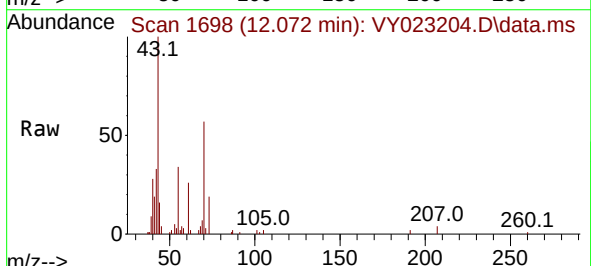
Ion Ratio Lower Upper

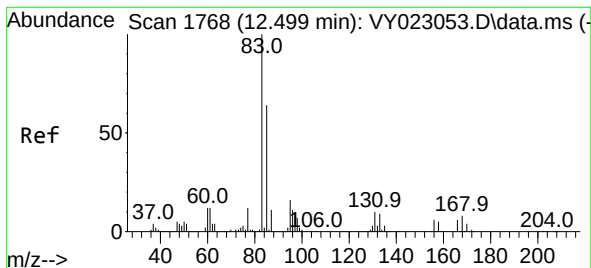
43 100

70 48.2 37.5 56.3

55 31.8 20.7 31.1#

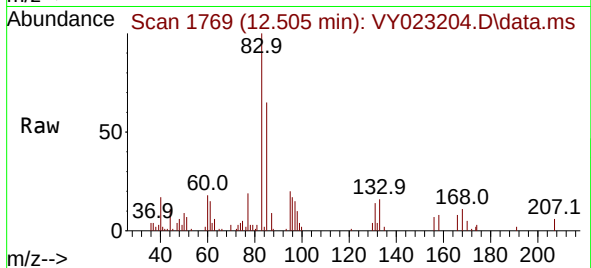
61 24.6 20.7 31.1





#75  
1,1,2,2-Tetrachloroethane  
Concen: 2.398 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

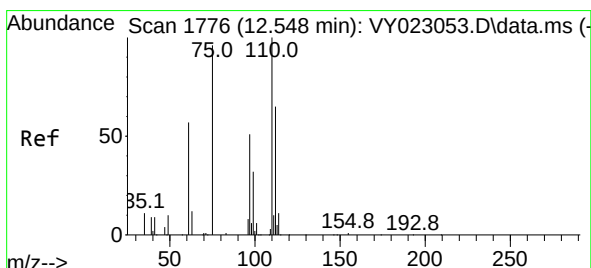
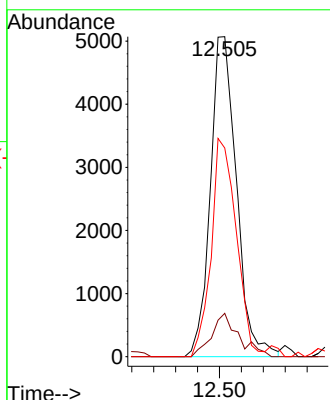
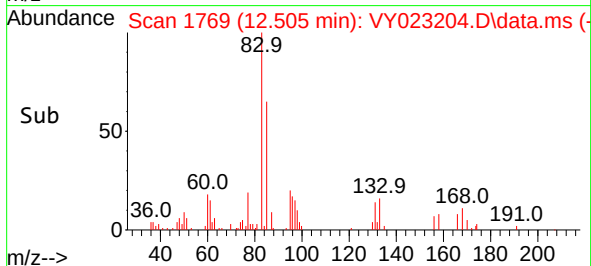
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 83 Resp: 839  
Ion Ratio Lower Upper  
83 100  
131 14.1 5.1 15.3  
85 65.6 31.8 95.3

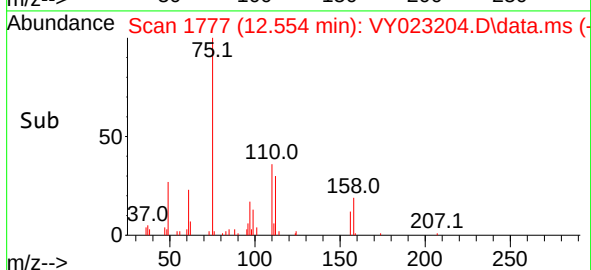
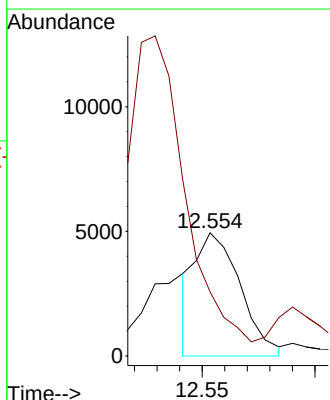
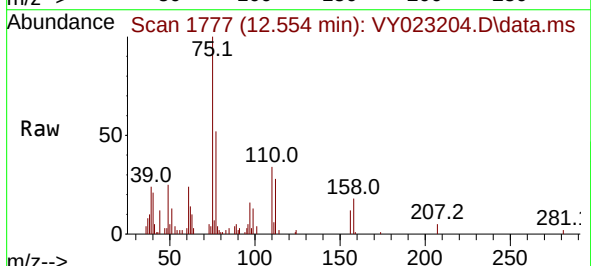
Manual Integrations  
APPROVED

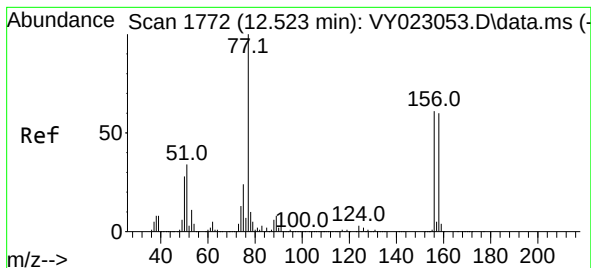
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#76  
1,2,3-Trichloropropane  
Concen: 2.462 ug/l m  
RT: 12.554 min Scan# 1777  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion: 75 Resp: 6905  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.876 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

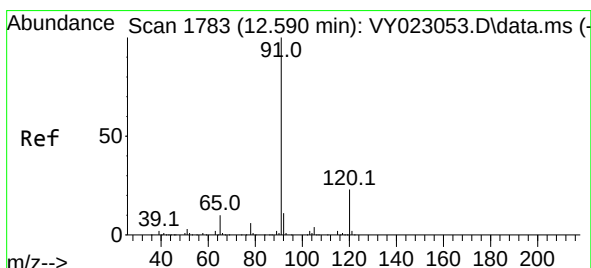
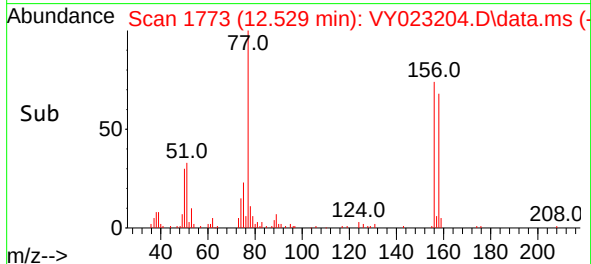
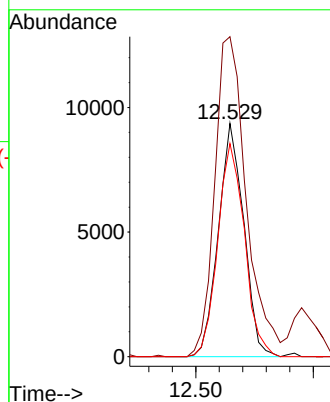
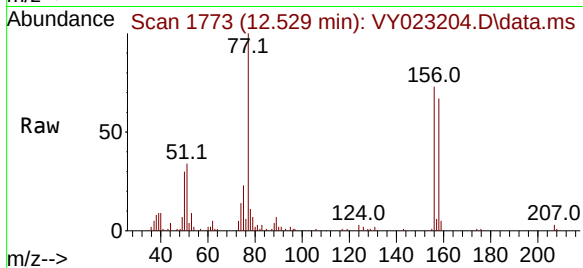
LOD-MDL-SOIL-01-QT3-2025

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 14070 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 169.8 | 88.1  | 264.4 |
| 158       | 96.2  | 48.0  | 144.0 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#78

n-propylbenzene

Concen: 2.732 ug/l

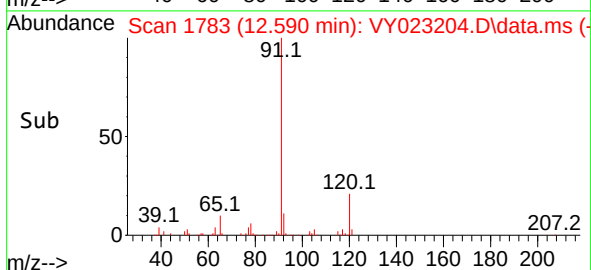
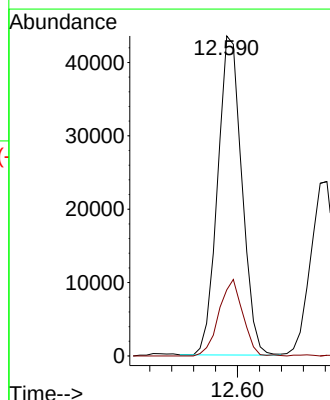
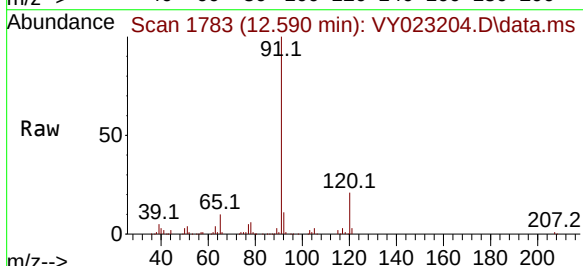
RT: 12.590 min Scan# 1783

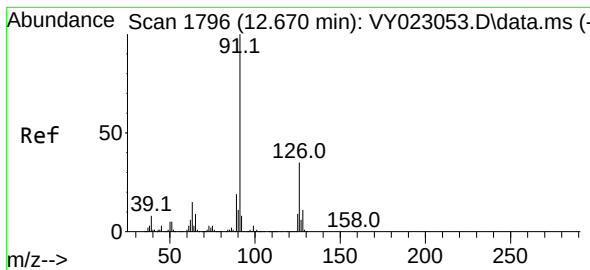
Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

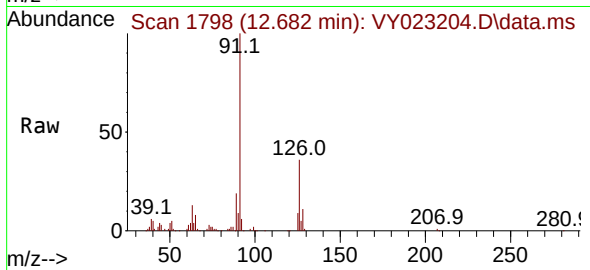
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 66698 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 23.6  | 11.5  | 34.5  |





#79  
2-Chlorotoluene  
Concen: 2.703 ug/l  
RT: 12.682 min Scan# 1796  
Delta R.T. 0.012 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

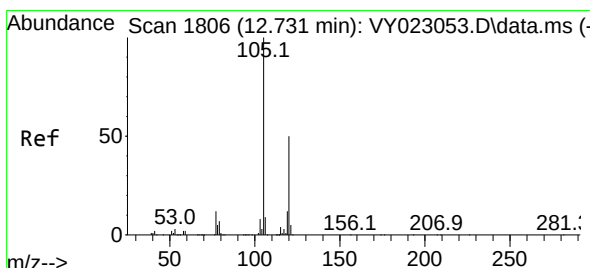
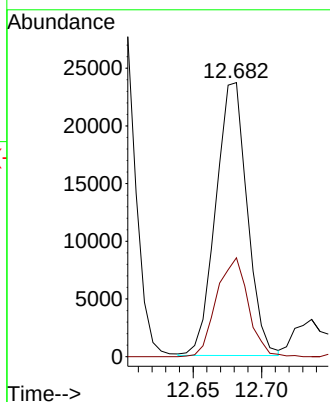
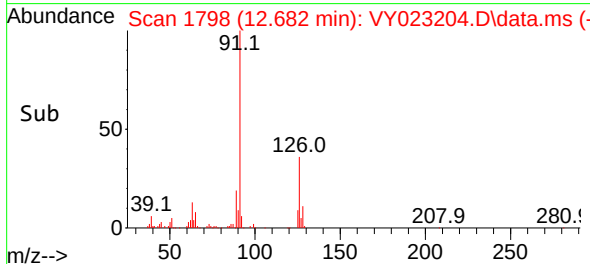
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



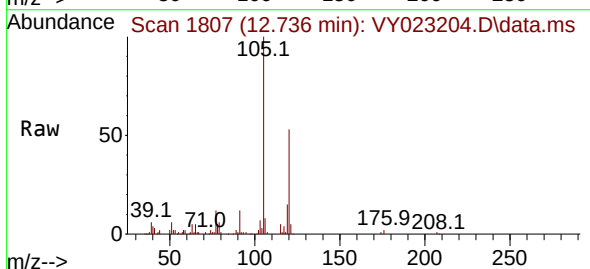
Tgt Ion: 91 Resp: 37814  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.4 52.3

Manual Integrations  
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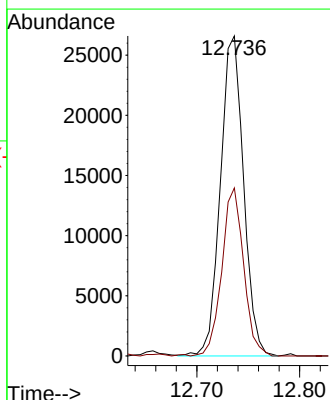
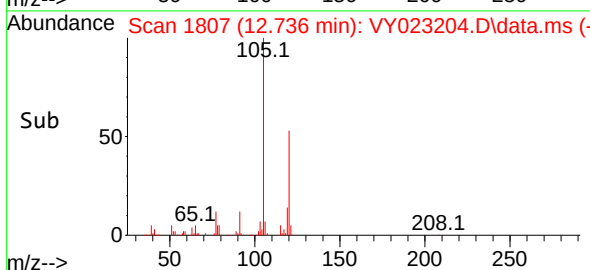
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

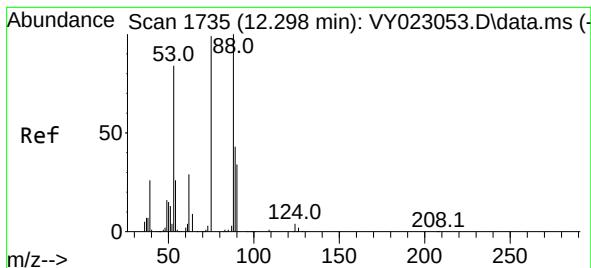


#80  
1,3,5-Trimethylbenzene  
Concen: 2.511 ug/l  
RT: 12.736 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



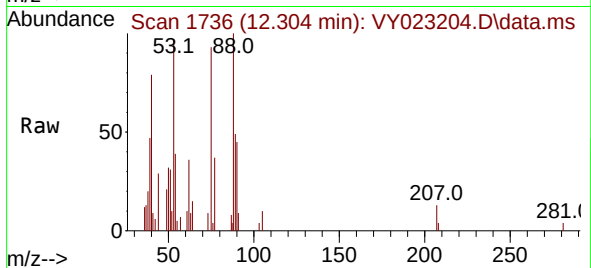
Tgt Ion:105 Resp: 41623  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.8 74.4





#81  
trans-1,4-Dichloro-2-butene  
Concen: 2.138 ug/l m  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

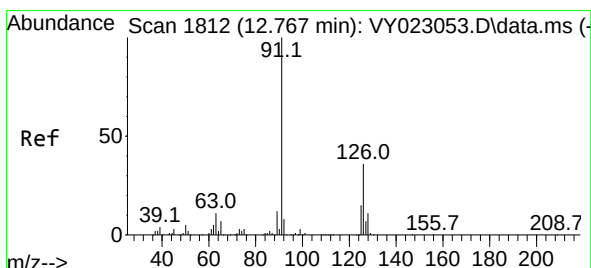
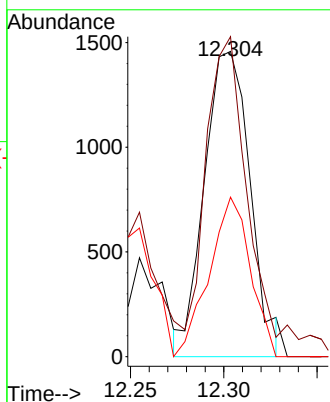
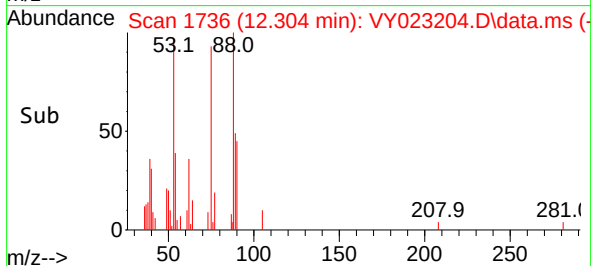
Instrument : MSVOA\_Y  
ClientSampleId :  
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 75 Resp: 247  
Ion Ratio Lower Upper  
75 100  
53 5.5 70.8 106.2  
89 6.2 38.1 57.1

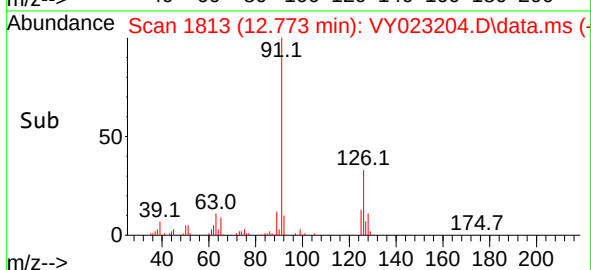
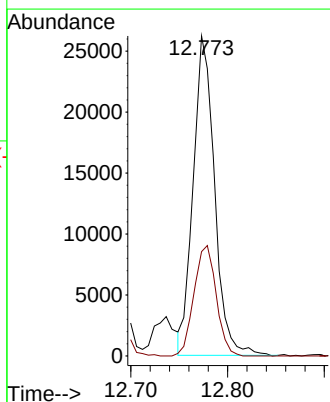
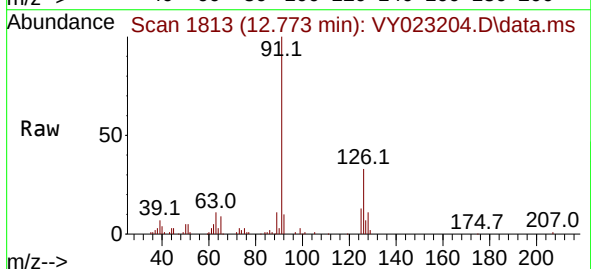
Manual Integrations  
APPROVED

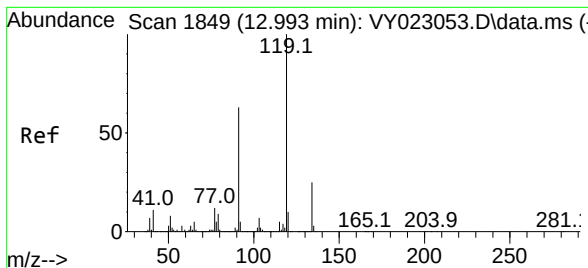
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#82  
4-Chlorotoluene  
Concen: 2.776 ug/l  
RT: 12.773 min Scan# 1813  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

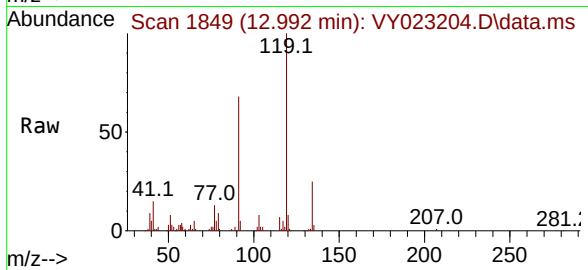
Tgt Ion: 91 Resp: 40289  
Ion Ratio Lower Upper  
91 100  
126 36.0 17.3 52.0





#83  
tert-Butylbenzene  
Concen: 2.634 ug/l  
RT: 12.992 min Scan# 1849  
Delta R.T. -0.000 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

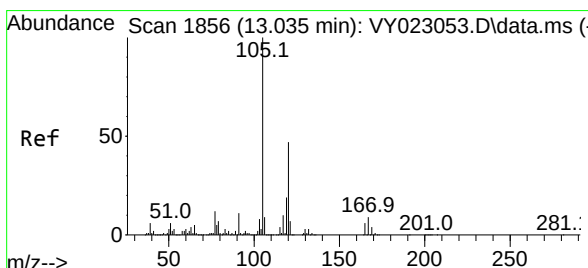
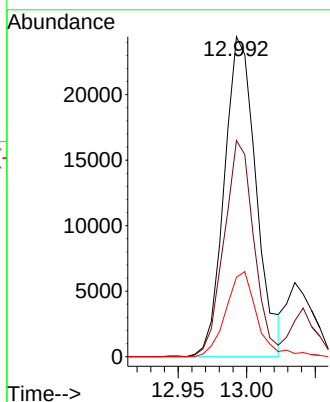
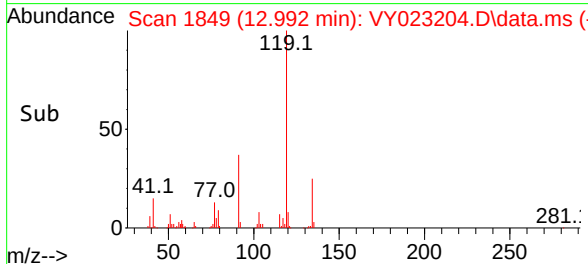
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



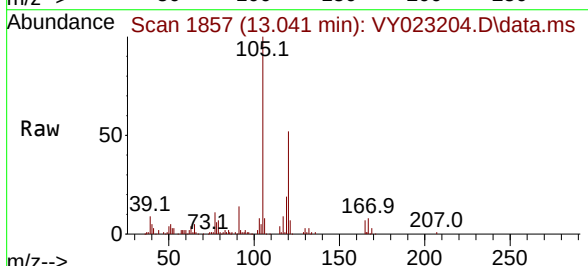
Tgt Ion:119 Resp: 39430  
Ion Ratio Lower Upper  
119 100  
91 63.7 31.6 94.8  
134 26.2 12.9 38.7

Manual Integrations  
APPROVED

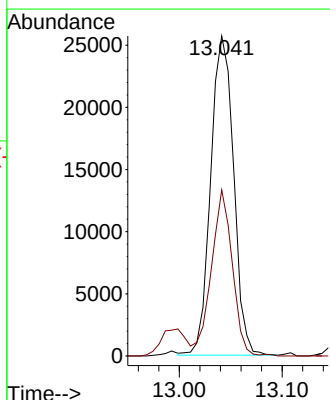
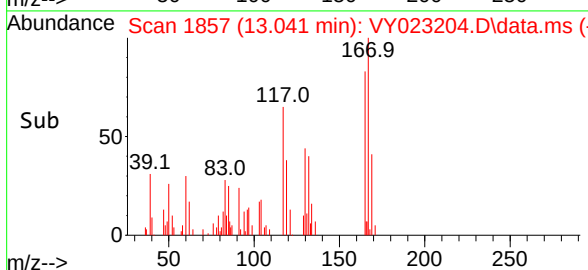
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025

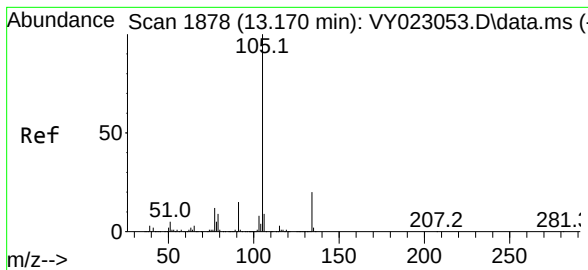


#84  
1,2,4-Trimethylbenzene  
Concen: 2.406 ug/l  
RT: 13.041 min Scan# 1857  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11



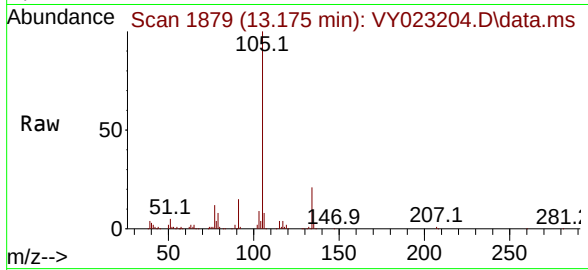
Tgt Ion:105 Resp: 39689  
Ion Ratio Lower Upper  
105 100  
120 47.7 23.0 69.0





#85  
 sec-Butylbenzene  
 Concen: 2.721 ug/l  
 RT: 13.175 min Scan# 1878  
 Delta R.T. 0.006 min  
 Lab File: VY023204.D  
 Acq: 25 Aug 2025 11:11

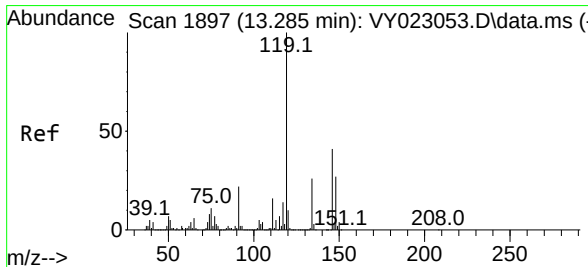
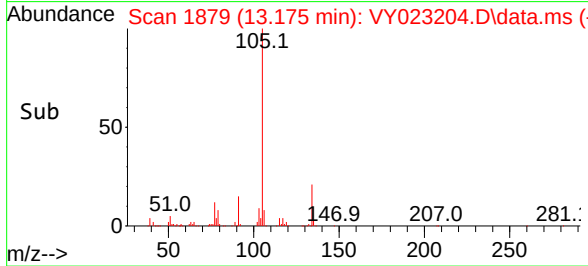
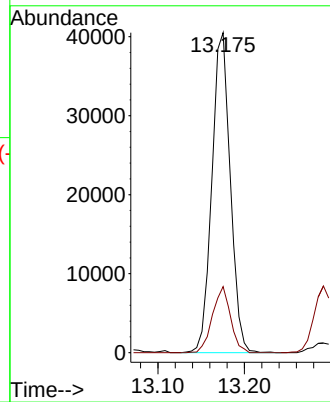
Instrument : MSVOA\_Y  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:105 Resp: 59840  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.4

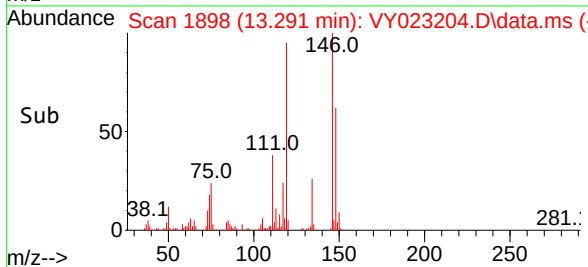
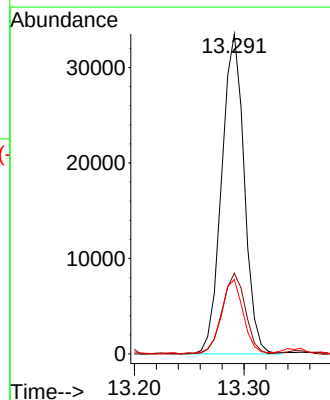
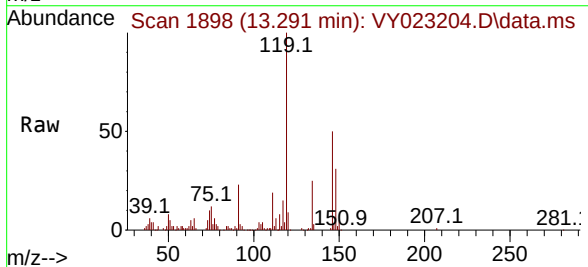
Manual Integrations  
 APPROVED

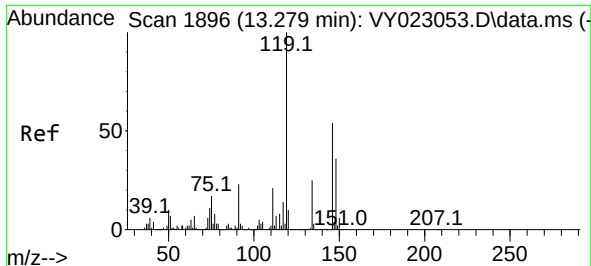
Reviewed By :Mahesh Dadoda 08/26/2025  
 Supervised By :Semsettin Yesilyurt 08/26/2025



#86  
 p-Isopropyltoluene  
 Concen: 2.626 ug/l  
 RT: 13.291 min Scan# 1898  
 Delta R.T. 0.006 min  
 Lab File: VY023204.D  
 Acq: 25 Aug 2025 11:11

Tgt Ion:119 Resp: 47936  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.2 39.6  
 91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 2.994 ug/l

RT: 13.285 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

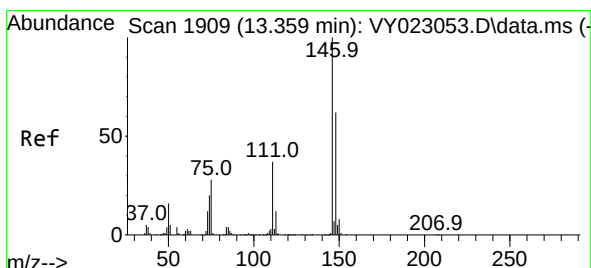
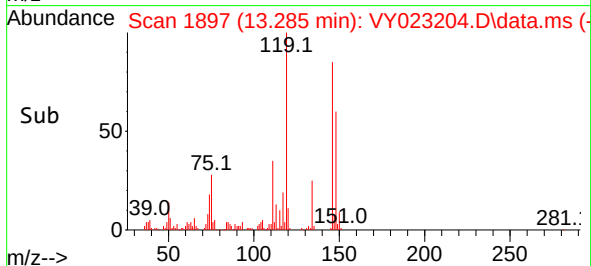
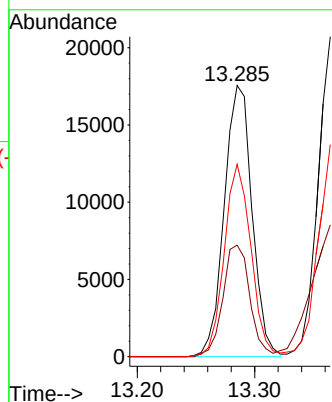
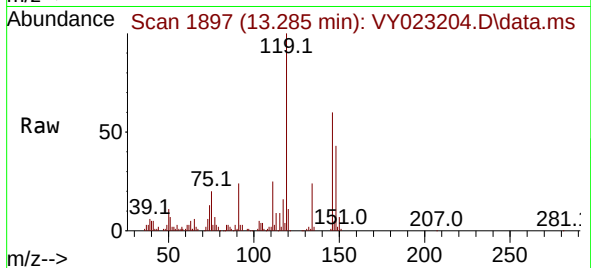
LOD-MDL-SOIL-01-QT3-2025

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 146   | Resp: | 2888 |
| Ion Ratio | Lower | Upper |      |
| 146       | 100   |       |      |
| 111       | 39.8  | 19.6  | 58.7 |
| 148       | 68.1  | 32.5  | 97.5 |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#88

1,4-Dichlorobenzene

Concen: 3.235 ug/l

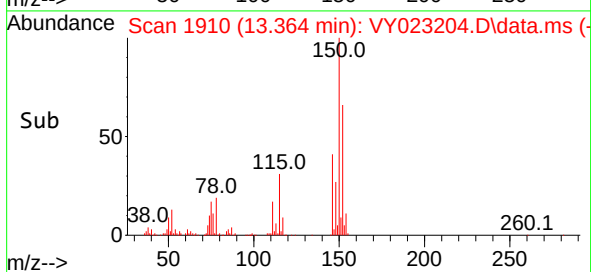
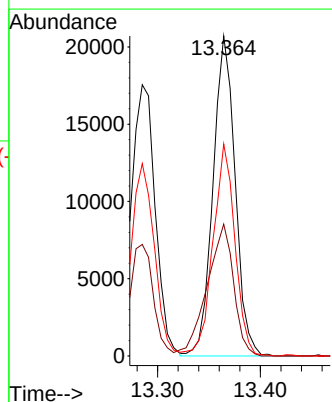
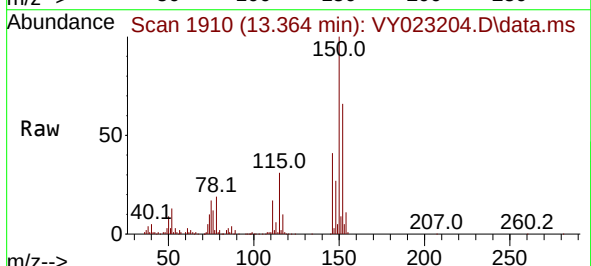
RT: 13.364 min Scan# 1910

Delta R.T. 0.006 min

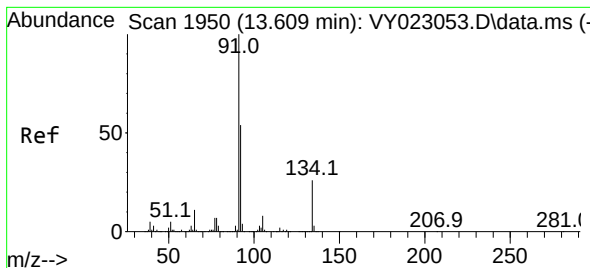
Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 30959 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 49.5  | 19.1  | 57.1  |
| 148       | 65.7  | 31.6  | 94.7  |

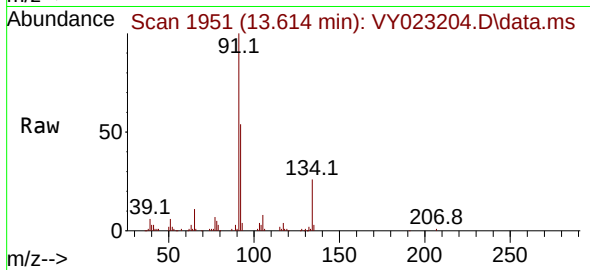






#89  
n-Butylbenzene  
Concen: 2.741 ug/l  
RT: 13.614 min Scan# 1951  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

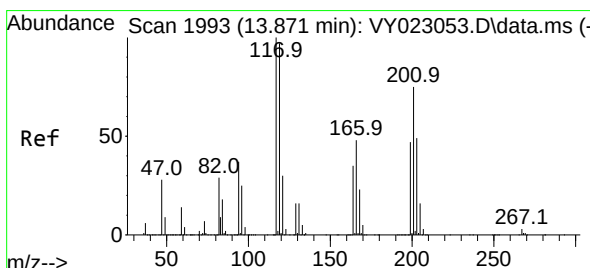
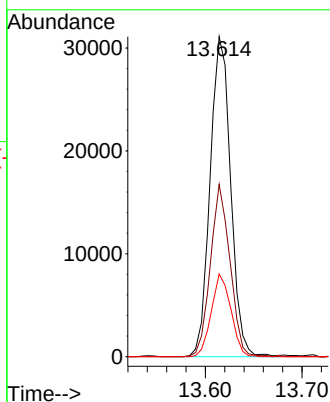
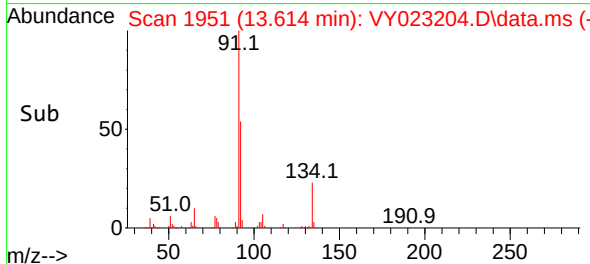
Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 91 Resp: 45954  
Ion Ratio Lower Upper  
91 100  
92 51.3 26.9 80.7  
134 24.6 13.2 39.5

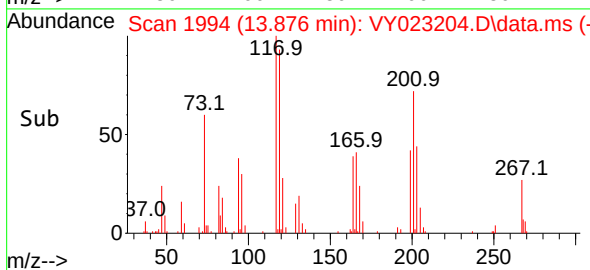
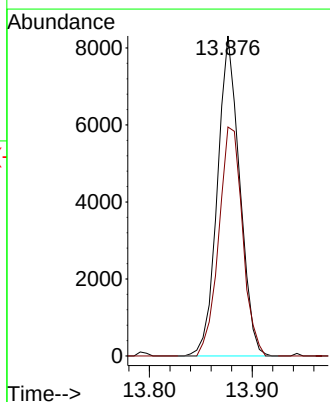
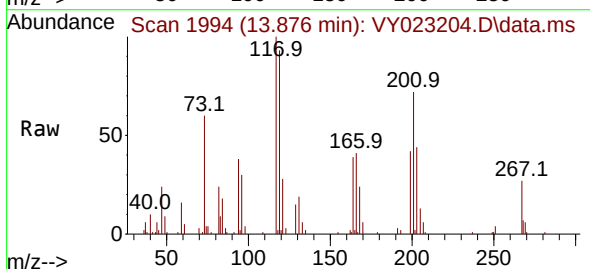
Manual Integrations  
APPROVED

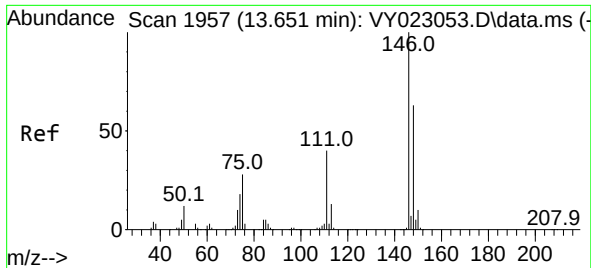
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#90  
Hexachloroethane  
Concen: 3.343 ug/l  
RT: 13.876 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion:117 Resp: 12491  
Ion Ratio Lower Upper  
117 100  
201 76.3 38.4 115.1





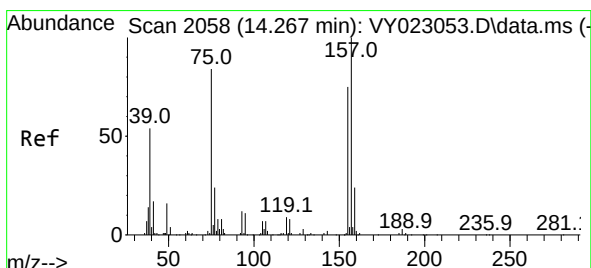
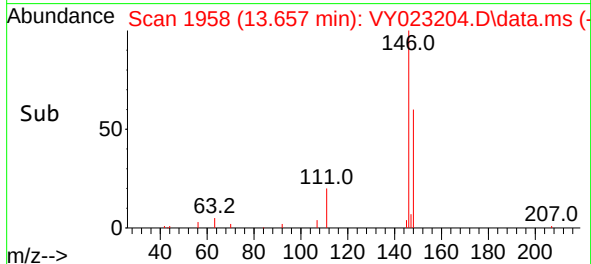
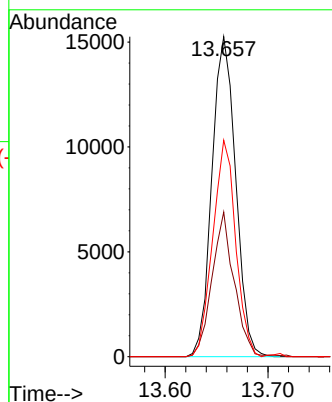
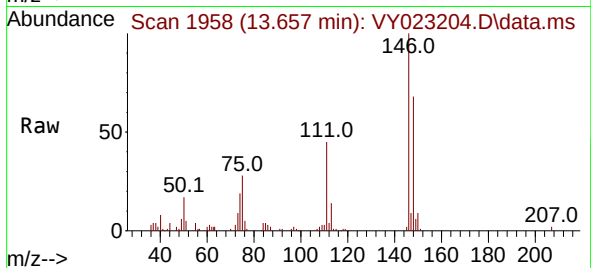
#91  
1,2-Dichlorobenzene  
Concen: 2.891 ug/l  
RT: 13.657 min Scan# 1957  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Instrument : MSVOA\_Y  
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:146 Resp: 2446  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.3 60.8  
148 65.3 32.2 96.6

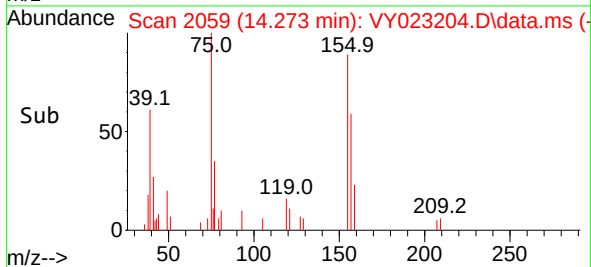
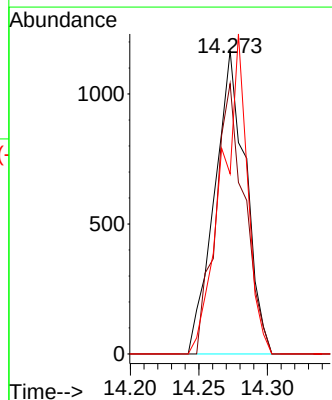
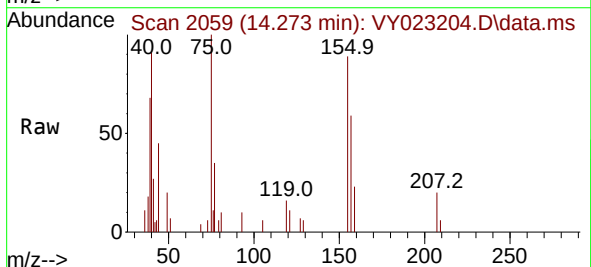
Manual Integrations  
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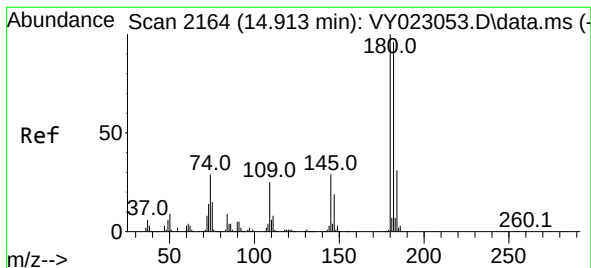
Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 3.371 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. 0.006 min  
Lab File: VY023204.D  
Acq: 25 Aug 2025 11:11

Tgt Ion: 75 Resp: 1838  
Ion Ratio Lower Upper  
75 100  
155 82.8 43.9 131.6  
157 87.8 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 3.021 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023204.D

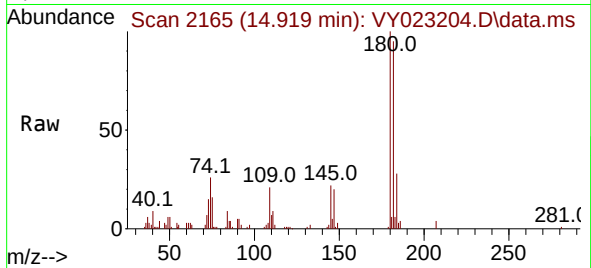
Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

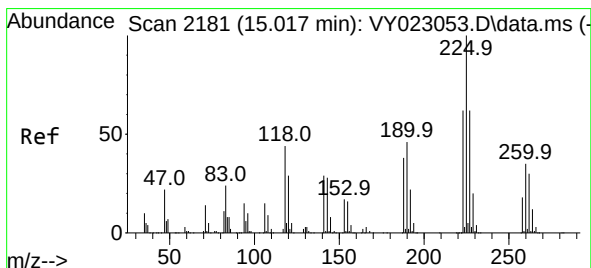
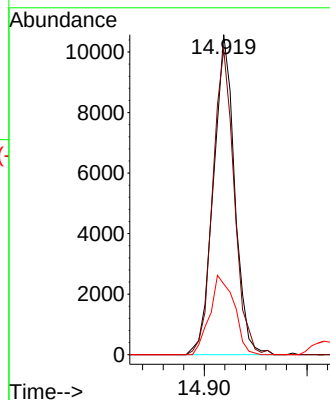
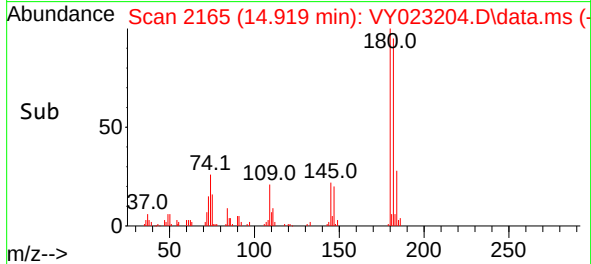


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 46.8  | 140.4 |
| 145     | 28.5  | 14.4  | 43.4  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#94

Hexachlorobutadiene

Concen: 3.599 ug/l

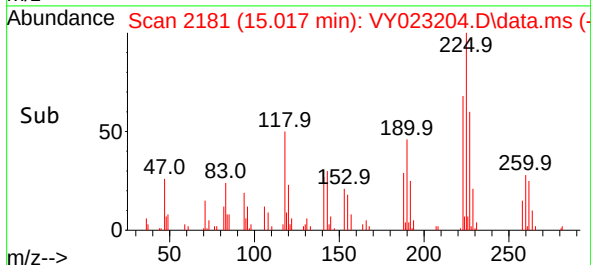
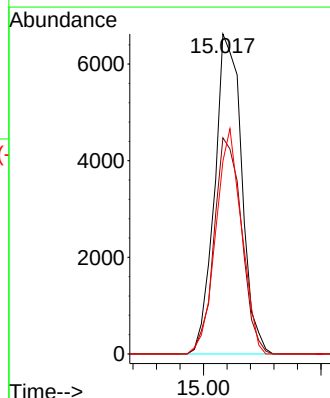
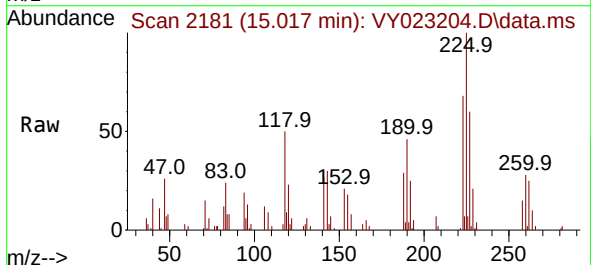
RT: 15.017 min Scan# 2181

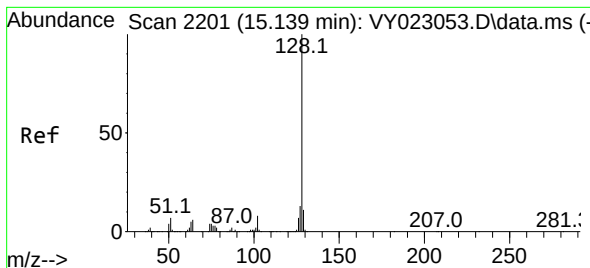
Delta R.T. -0.000 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 68.6  | 31.3  | 93.8  |
| 227     | 67.2  | 31.5  | 94.5  |





#95

Naphthalene

Concen: 2.497 ug/l

RT: 15.145 min Scan# 2130

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

Instrument :

MSVOA\_Y

ClientSampleId :

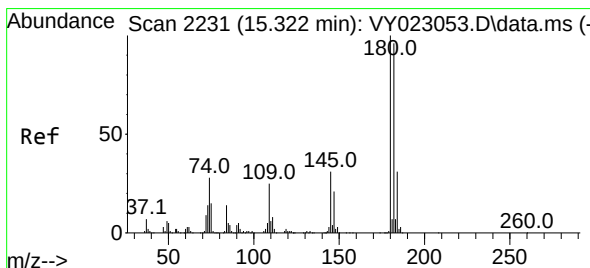
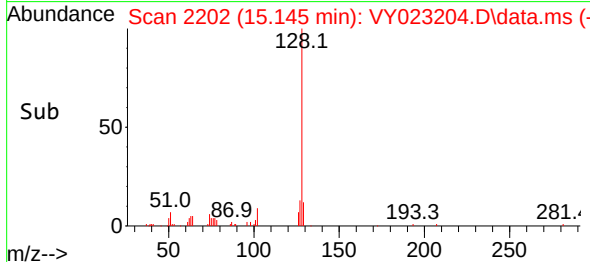
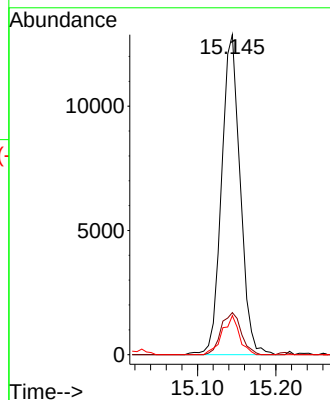
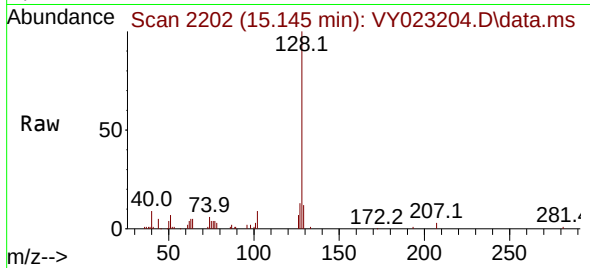
LOD-MDL-SOIL-01-QT3-2025

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 2130      |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 14.2  | 10.4 15.6 |
| 129         | 11.2  | 9.0 13.4  |

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/26/2025  
Supervised By :Semsettin Yesilyurt 08/26/2025



#96

1,2,3-Trichlorobenzene

Concen: 3.114 ug/l

RT: 15.327 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023204.D

Acq: 25 Aug 2025 11:11

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 13426      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.2  | 47.9 143.7 |
| 145         | 31.2  | 15.9 47.7  |

