

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL112025\  
 Data File : VL043257.D  
 Acq On : 20 Nov 2025 10:14  
 Operator : SY/MD  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025

Quant Time: Nov 21 00:33:53 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111825AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.777 | 49   | 102759   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.943 | 114  | 275595   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.866 | 117  | 222776   | 10.000 | ppbv  | 0.00     |

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 166532 10.198 ppbv 0.00  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

|                               |       |     |        |        |        | Qvalue |
|-------------------------------|-------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.496 | 85  | 161177 | 11.121 | ppbv   | 98     |
| 3) Chlorodifluoromethane      | 1.473 | 51  | 146232 | 10.259 | ppbv   | 95     |
| 4) Chloromethane              | 1.531 | 50  | 54380  | 10.035 | ppbv   | 95     |
| 5) Vinyl Chloride             | 1.577 | 62  | 55244  | 9.322  | ppbv   | 95     |
| 6) Bromomethane               | 1.664 | 94  | 27639  | 9.621  | ppbv   | 99     |
| 7) Chloroethane               | 1.700 | 64  | 22384  | 9.698  | ppbv   | 100    |
| 8) Dichlorotetrafluoroethane  | 1.551 | 85  | 129834 | 10.769 | ppbv   | 99     |
| 9) Propene                    | 1.480 | 41  | 55697m | 9.202  | ppbv   |        |
| 10) Heptane                   | 4.959 | 43  | 156253 | 8.674  | ppbv   | 95     |
| 11) Trichlorofluoromethane    | 1.874 | 101 | 169670 | 12.083 | ppbv   | 96     |
| 12) 1,1,2-Trichlorotrifluo... | 2.133 | 101 | 126654 | 11.553 | ppbv   | 97     |
| 13) Ethanol                   | 1.716 | 45  | 16970  | 7.973  | ppbv   | 95     |
| 14) Bromoethene               | 1.777 | 108 | 45797  | 10.897 | ppbv   | 96     |
| 15) Acetone                   | 1.829 | 43  | 122027 | 8.547  | ppbv   | 99     |
| 16) 1,3-Butadiene             | 1.606 | 39  | 62334  | 9.794  | ppbv   | 97     |
| 17) tert-Butyl alcohol        | 2.033 | 59  | 175626 | 9.372  | ppbv   | 100    |
| 18) 1,1-Dichloroethene        | 2.030 | 96  | 55419  | 10.857 | ppbv   | 88     |
| 19) Isopropyl Alcohol         | 1.881 | 45  | 72573  | 8.996  | ppbv   | 94     |
| 20) Methylene Chloride        | 2.056 | 84  | 48499  | 11.659 | ppbv   | 95     |
| 21) Allyl Chloride            | 2.091 | 41  | 83761  | 8.720  | ppbv   | 93     |
| 22) trans-1,2-Dichloroethene  | 2.334 | 96  | 62490  | 10.711 | ppbv   | 90     |
| 23) Vinyl Acetate             | 2.454 | 43  | 157670 | 9.148  | ppbv   | 99     |
| 24) 1,1-Dichloroethane        | 2.402 | 63  | 119663 | 10.625 | ppbv   | 97     |
| 25) Ethyl Acetate             | 2.823 | 43  | 285972 | 9.287  | ppbv   | 99     |
| 26) Hexane                    | 2.819 | 57  | 130004 | 9.630  | ppbv   | 98     |
| 27) Carbon Disulfide          | 2.146 | 76  | 150498 | 10.920 | ppbv   | 99     |
| 28) Methyl tert-Butyl Ether   | 2.431 | 73  | 68600  | 10.352 | ppbv   | 95     |
| 29) Chloroform                | 2.839 | 83  | 219297 | 11.429 | ppbv   | 99     |
| 30) Cyclohexane               | 3.845 | 84  | 109617 | 9.685  | ppbv   | 95     |
| 31) cis-1,2-Dichloroethene    | 2.713 | 61  | 137895 | 10.277 | ppbv   | 93     |
| 32) 1,1,1-Trichloroethane     | 3.357 | 97  | 226600 | 11.079 | ppbv   | 99     |
| 34) 2-Butanone                | 2.548 | 43  | 180979 | 9.303  | ppbv   | 100    |
| 35) Carbon Tetrachloride      | 3.752 | 117 | 237548 | 11.356 | ppbv   | 98     |
| 36) Benzene                   | 3.645 | 78  | 265981 | 10.078 | ppbv   | 99     |
| 37) 1,2-Dichloroethane        | 3.208 | 62  | 173345 | 11.229 | ppbv   | 98     |
| 38) Trichloroethene           | 4.528 | 130 | 107877 | 10.447 | ppbv   | 94     |
| 39) 1,2-Dichloropropane       | 4.299 | 63  | 92453  | 9.571  | ppbv   | 95     |
| 40) 1,4-Dioxane               | 4.558 | 88  | 36555  | 8.418  | ppbv # | 91     |
| 41) Tetrahydrofuran           | 3.040 | 42  | 94776  | 8.822  | ppbv   | 98     |
| 42) Bromodichloromethane      | 4.470 | 83  | 237498 | 11.152 | ppbv   | 99     |
| 43) Methyl Methacrylate       | 4.862 | 69  | 125480 | 8.957  | ppbv   | 96     |
| 44) 2,2,4-Trimethylpentane    | 4.622 | 57  | 437108 | 9.643  | ppbv   | 99     |
| 45) t-1,3-Dichloropropene     | 6.389 | 75  | 100231 | 7.675  | ppbv   | 99     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL112025\  
 Data File : VL043257.D  
 Acq On : 20 Nov 2025 10:14  
 Operator : SY/MD  
 Sample : VSTDCCC010  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025

Quant Time: Nov 21 00:33:53 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111825AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

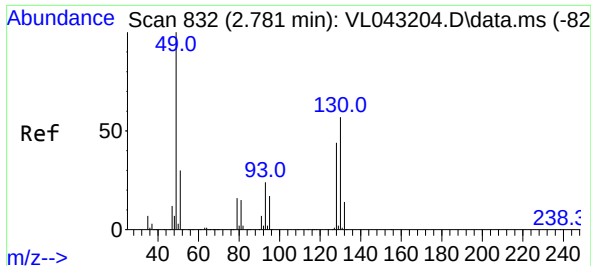
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) cis-1,3-Dichloropropene   | 5.577  | 75   | 122504   | 7.989  | ppbv   | 98       |
| 47) 1,1,2-Trichloroethane     | 6.561  | 97   | 104460m  | 10.190 | ppbv   |          |
| 48) Dibromochloromethane      | 7.370  | 129  | 193819   | 10.997 | ppbv   | 99       |
| 49) Bromoform                 | 9.471  | 173  | 171644   | 10.994 | ppbv   | 100      |
| 50) 4-Methyl-2-Pentanone      | 5.723  | 43   | 238084   | 8.688  | ppbv   | 99       |
| 51) 2-Hexanone                | 7.415  | 43   | 172317   | 8.097  | ppbv # | 99       |
| 52) Tetrachloroethene         | 8.208  | 164  | 99129    | 10.097 | ppbv   | 94       |
| 53) Toluene                   | 6.914  | 91   | 300158   | 9.604  | ppbv   | 99       |
| 54) 1,2-Dibromoethane         | 7.636  | 107  | 146099   | 9.684  | ppbv   | 95       |
| 56) 1,1,1,2-Tetrachloroethane | 8.911  | 131  | 176606   | 10.787 | ppbv   | 98       |
| 57) Chlorobenzene             | 8.908  | 112  | 236347   | 10.333 | ppbv   | 98       |
| 58) Ethyl Benzene             | 9.341  | 91   | 430385   | 10.037 | ppbv   | 99       |
| 59) m/p-Xylene                | 9.539  | 91   | 709378m  | 20.635 | ppbv   |          |
| 60) o-Xylene                  | 9.950  | 91   | 353166   | 10.284 | ppbv   | 100      |
| 61) Styrene                   | 9.859  | 104  | 140574   | 9.353  | ppbv   | 99       |
| 62) Isopropylbenzene          | 10.529 | 105  | 637682   | 10.379 | ppbv   | 100      |
| 63) 1,1,2,2-Tetrachloroethane | 9.950  | 83   | 214523   | 9.817  | ppbv   | 100      |
| 64) n-propylbenzene           | 10.979 | 120  | 158685   | 10.052 | ppbv   | 97       |
| 65) tert-Butylbenzene         | 11.520 | 119  | 544959   | 9.932  | ppbv   | 98       |
| 66) Benzyl Chloride           | 11.604 | 91   | 23441    | 4.210  | ppbv   | 99       |
| 67) sec-Butylbenzene          | 11.756 | 105  | 764527   | 9.982  | ppbv   | 100      |
| 69) p-Isopropyltoluene        | 11.914 | 119  | 641411   | 9.886  | ppbv   | 100      |
| 70) n-Butylbenzene            | 12.270 | 91   | 626151   | 9.948  | ppbv   | 99       |
| 71) 2-Chlorotoluene           | 10.888 | 91   | 466353   | 9.875  | ppbv   | 99       |
| 72) 4-Ethyltoluene            | 11.115 | 105  | 424355   | 10.147 | ppbv   | 98       |
| 73) 1,3,5-Trimethylbenzene    | 11.193 | 105  | 355138   | 10.119 | ppbv   | 96       |
| 74) 1,2,4-Trimethylbenzene    | 11.526 | 105  | 386671   | 10.095 | ppbv   | 99       |
| 75) 1,3-Dichlorobenzene       | 11.597 | 146  | 227896   | 10.196 | ppbv   | 99       |
| 76) 1,4-Dichlorobenzene       | 11.662 | 146  | 226164   | 10.117 | ppbv   | 100      |
| 77) 1,2-Dichlorobenzene       | 11.937 | 146  | 215578   | 10.032 | ppbv   | 98       |
| 78) Hexachloro-1,3-Butadiene  | 13.873 | 225  | 172235   | 9.604  | ppbv   | 100      |
| 79) Naphthalene               | 13.504 | 128  | 324391   | 9.536  | ppbv   | 98       |
| 80) Naphthalene,2-methyl-     | 14.449 | 142  | 78637    | 8.806  | ppbv   | 98       |
| 81) 1,2,4-Trichlorobenzene    | 13.429 | 180  | 160725   | 10.564 | ppbv   | 99       |

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

## Manual Integrations

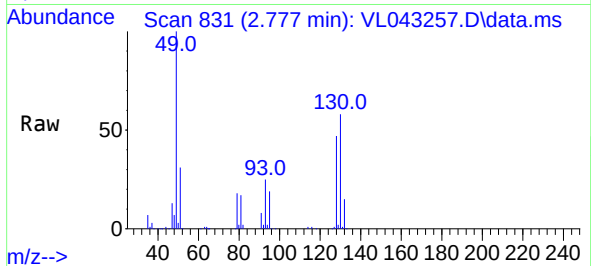
Quant Time: Nov 21 00:33:53 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL111825AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug  
QLast Update : Wed Nov 19 01:11:25 2025  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.777 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

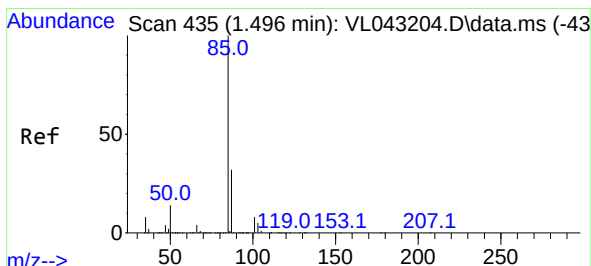
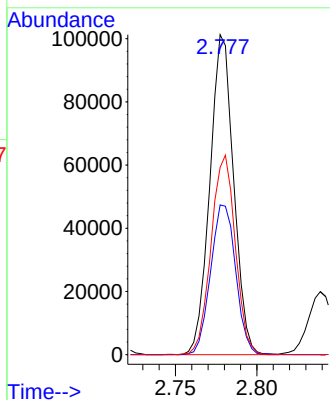
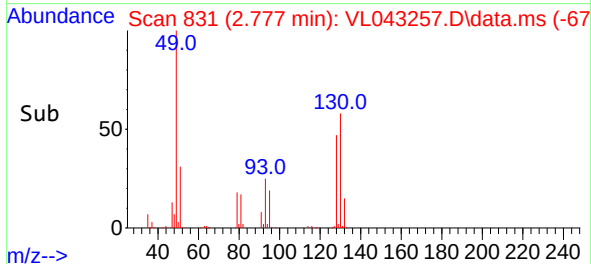
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



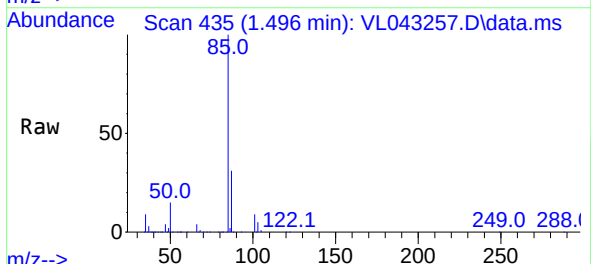
Tgt Ion: 49 Resp: 102759  
Ion Ratio Lower Upper  
49 100  
128 49.3 23.0 69.0  
130 63.4 29.9 89.7

Manual Integrations  
APPROVED

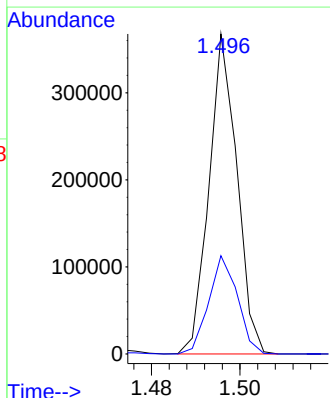
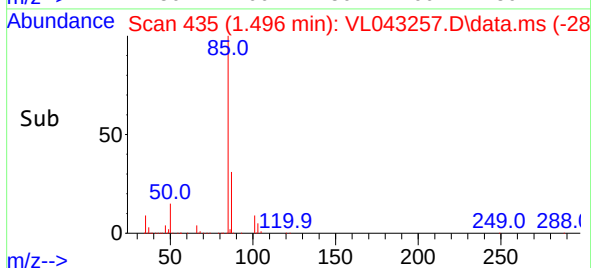
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

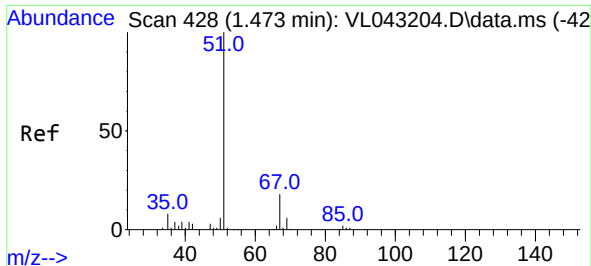


#2  
Dichlorodifluoromethane  
Concen: 11.121 ppbv  
RT: 1.496 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



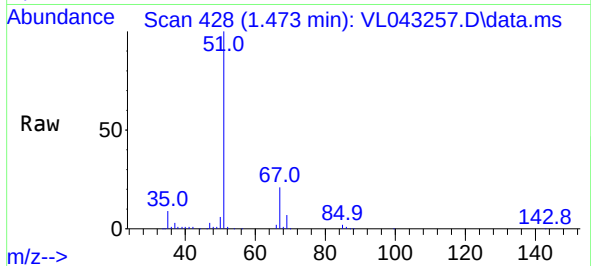
Tgt Ion: 85 Resp: 161177  
Ion Ratio Lower Upper  
85 100  
87 30.7 25.4 38.2





#3  
Chlorodifluoromethane  
Concen: 10.259 ppbv  
RT: 1.473 min Scan# 428  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

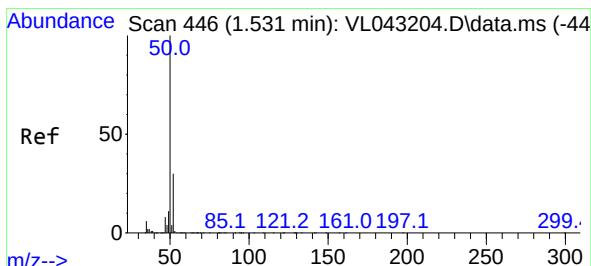
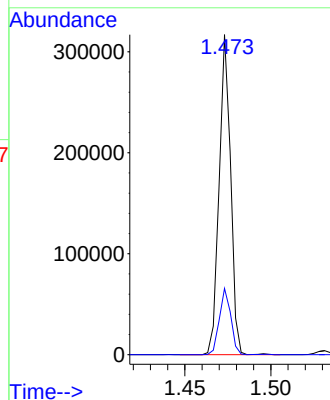
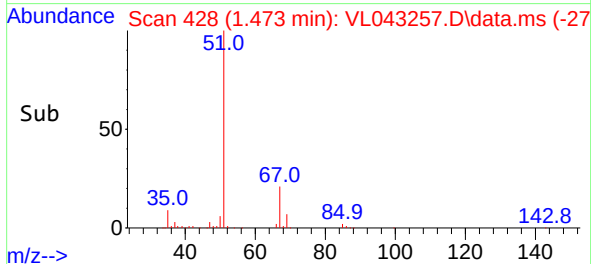
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



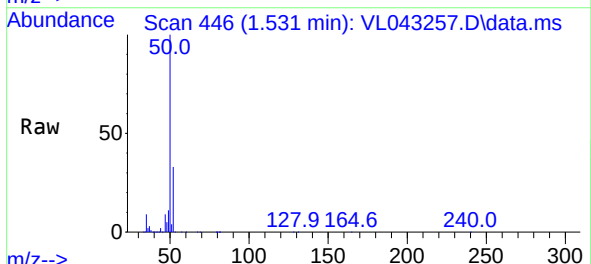
Tgt Ion: 51 Resp: 146232  
Ion Ratio Lower Upper  
51 100  
67 20.8 14.9 22.3

Manual Integrations  
APPROVED

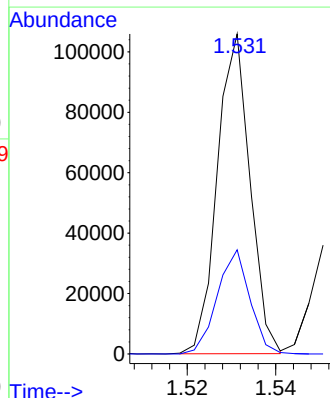
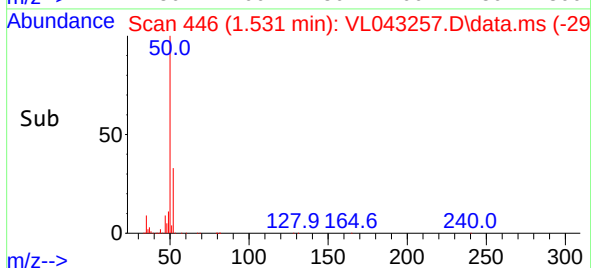
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

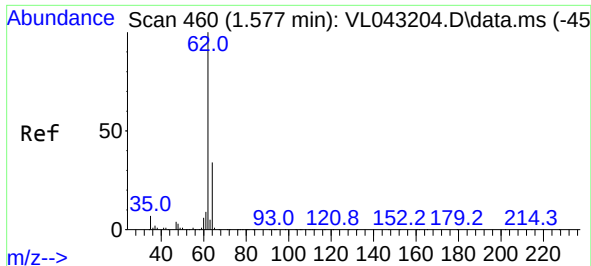


#4  
Chloromethane  
Concen: 10.035 ppbv  
RT: 1.531 min Scan# 446  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



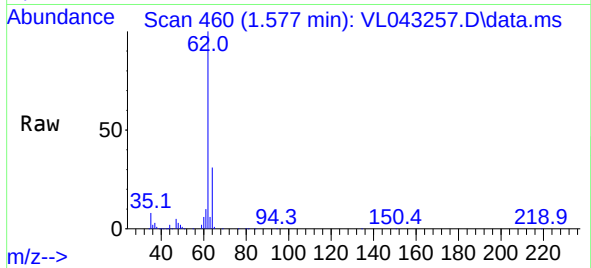
Tgt Ion: 50 Resp: 54380  
Ion Ratio Lower Upper  
50 100  
52 32.6 24.1 36.1





#5  
 Vinyl Chloride  
 Concen: 9.322 ppbv  
 RT: 1.577 min Scan# 460  
 Delta R.T. -0.000 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

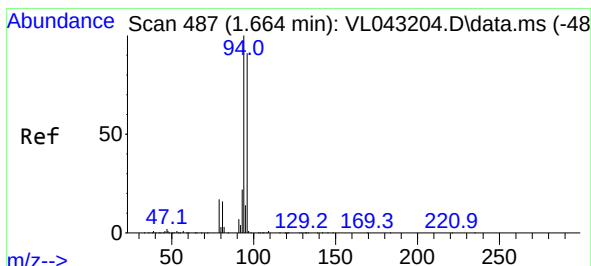
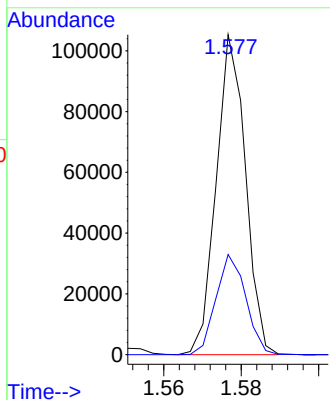
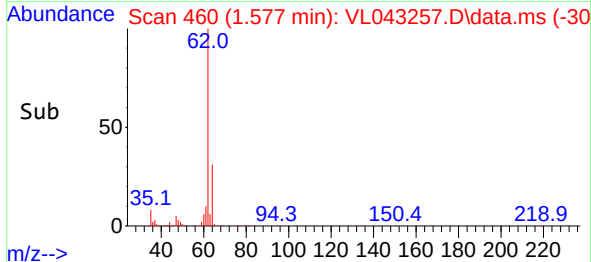
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010



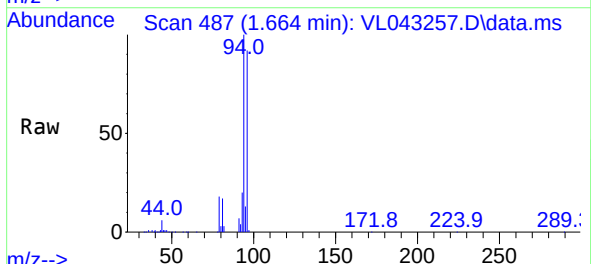
Tgt Ion: 62 Resp: 55244  
 Ion Ratio Lower Upper  
 62 100  
 64 31.3 27.3 40.9

Manual Integrations  
 APPROVED

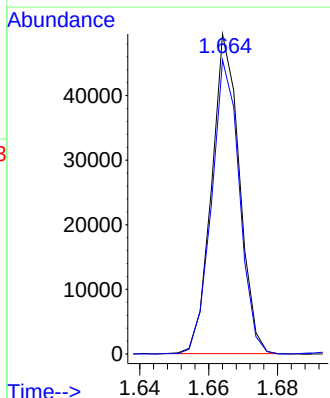
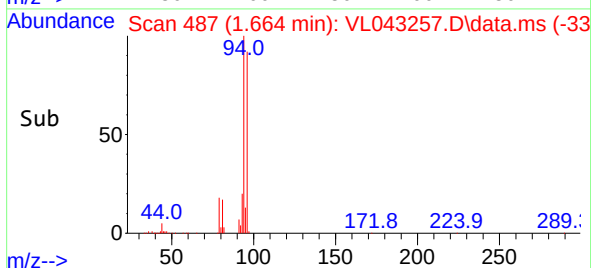
Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025

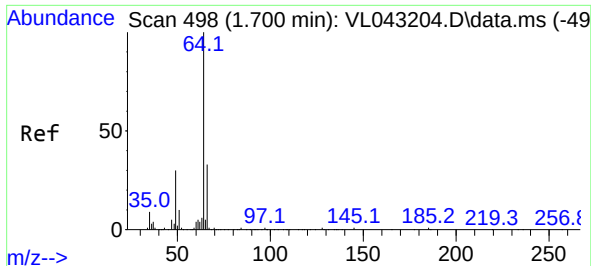


#6  
 Bromomethane  
 Concen: 9.621 ppbv  
 RT: 1.664 min Scan# 487  
 Delta R.T. -0.000 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14



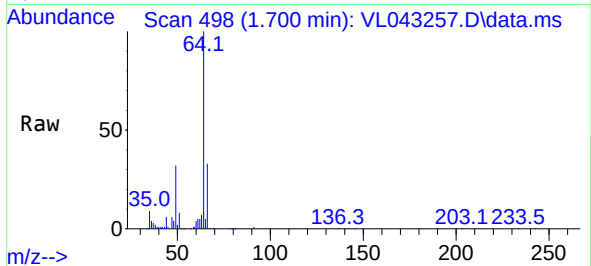
Tgt Ion: 94 Resp: 27639  
 Ion Ratio Lower Upper  
 94 100  
 96 92.0 72.9 109.3





#7  
Chloroethane  
Concen: 9.698 ppbv  
RT: 1.700 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

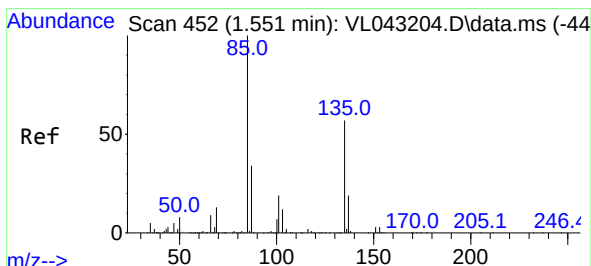
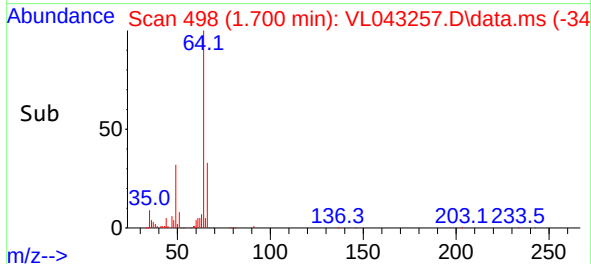
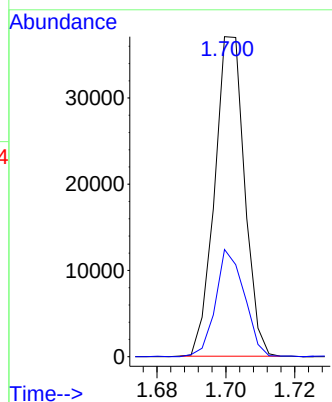
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 64 Resp: 22384  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.8 40.2

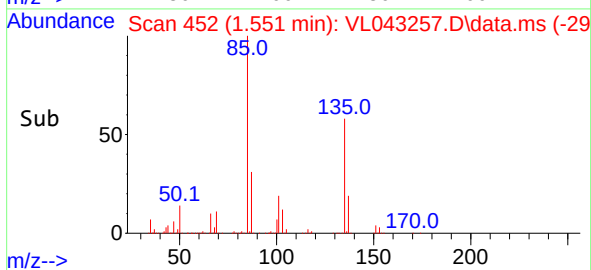
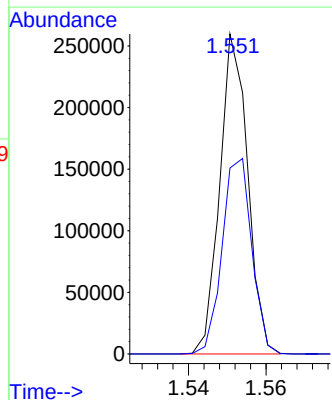
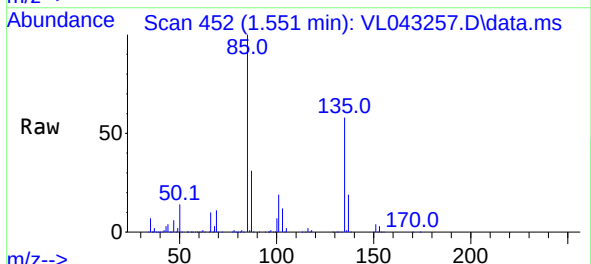
Manual Integrations  
APPROVED

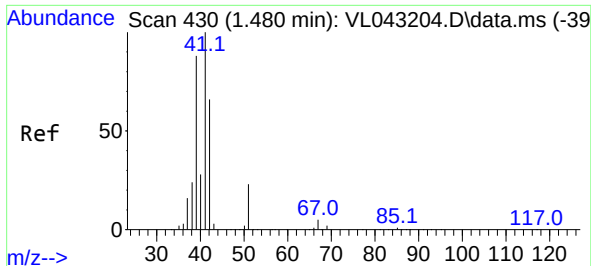
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#8  
Dichlorotetrafluoroethane  
Concen: 10.769 ppbv  
RT: 1.551 min Scan# 452  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion: 85 Resp: 129834  
Ion Ratio Lower Upper  
85 100  
135 65.0 52.6 79.0





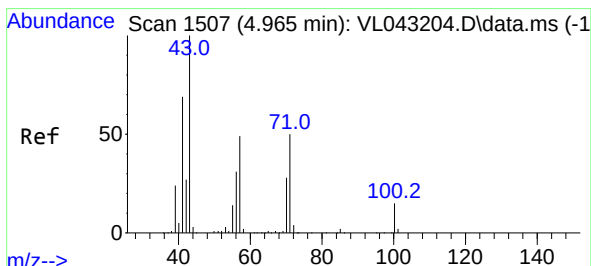
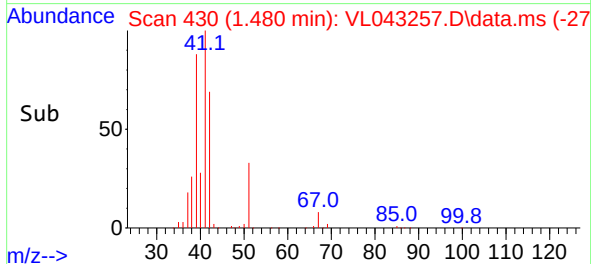
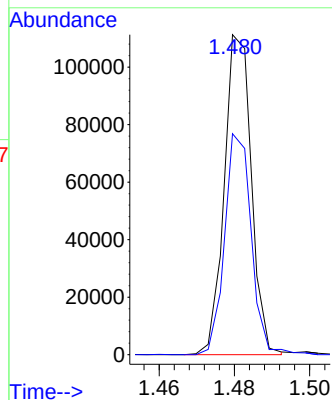
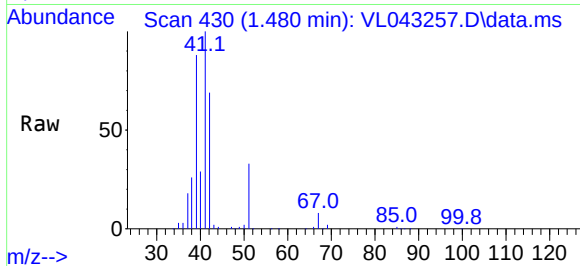
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 Propene  
 Concen: 9.202 ppbv m  
 RT: 1.480 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010

Tgt Ion: 41 Resp: 5569  
 Ion Ratio Lower Upper  
 41 100  
 42 5.5 3.7 5.5

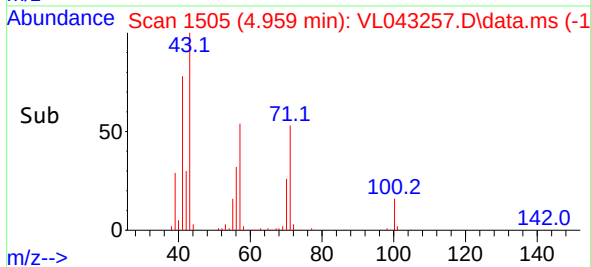
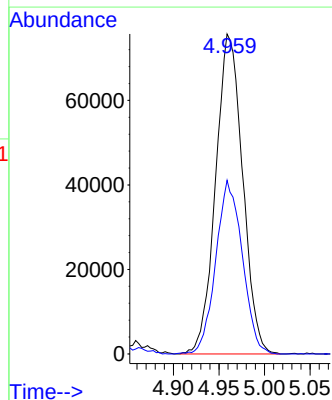
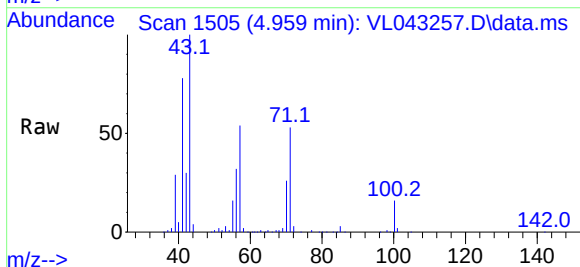
Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025

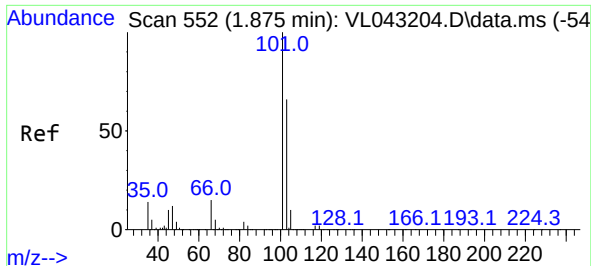


#10  
 Heptane  
 Concen: 8.674 ppbv  
 RT: 4.959 min Scan# 1505  
 Delta R.T. -0.007 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

Tgt Ion: 43 Resp: 156253  
 Ion Ratio Lower Upper  
 43 100  
 57 53.2 39.7 59.5

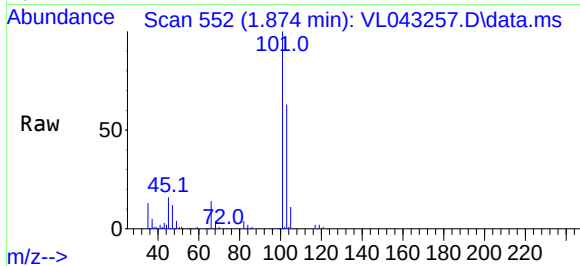






#11  
Trichlorofluoromethane  
Concen: 12.083 ppbv  
RT: 1.874 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

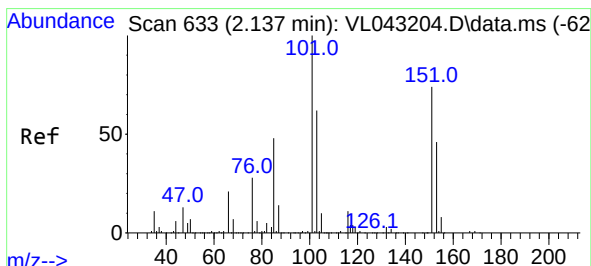
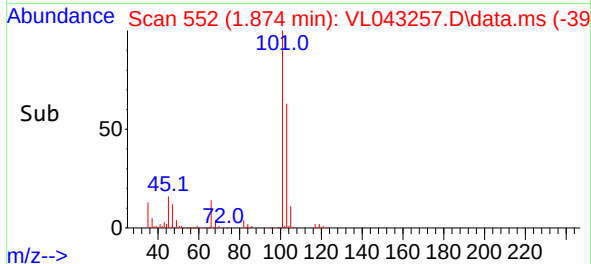
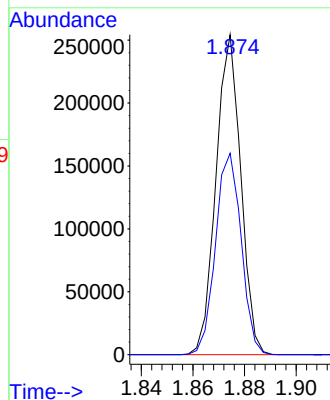
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



Tgt Ion:101 Resp: 169670  
Ion Ratio Lower Upper  
101 100  
103 63.0 52.6 79.0

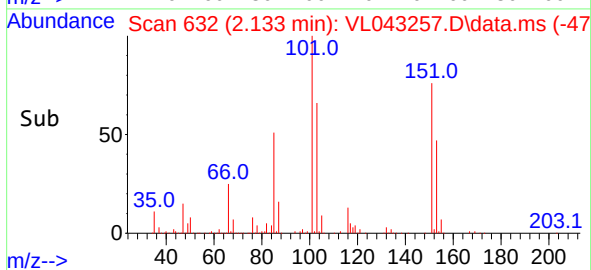
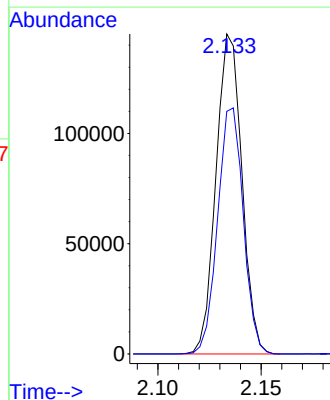
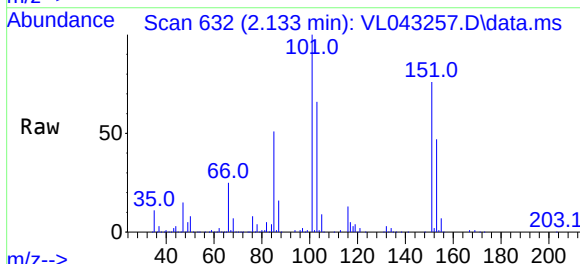
Manual Integrations  
APPROVED

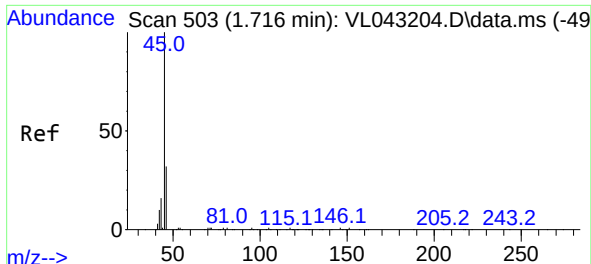
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#12  
1,1,2-Trichlorotrifluoroethane  
Concen: 11.553 ppbv  
RT: 2.133 min Scan# 632  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion:101 Resp: 126654  
Ion Ratio Lower Upper  
101 100  
151 76.2 59.2 88.8





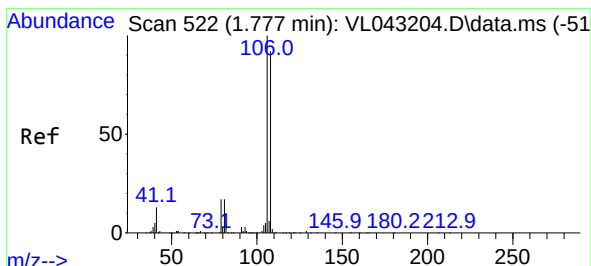
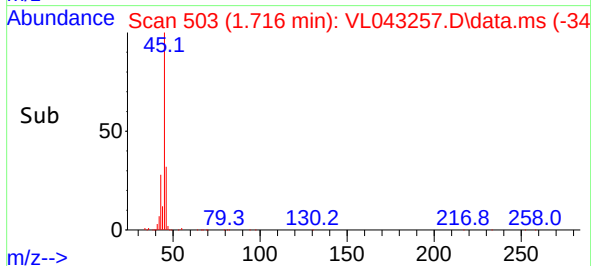
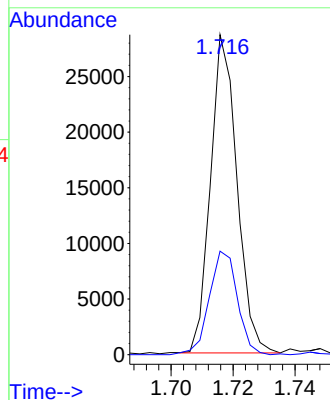
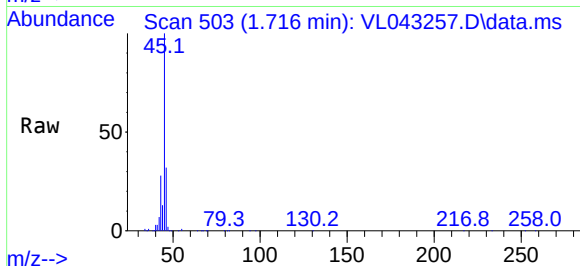
#13  
Ethanol  
Concen: 7.973 ppbv  
RT: 1.716 min Scan# 503  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 45 Resp: 16970  
Ion Ratio Lower Upper  
45 100  
46 34.5 15.0 59.8

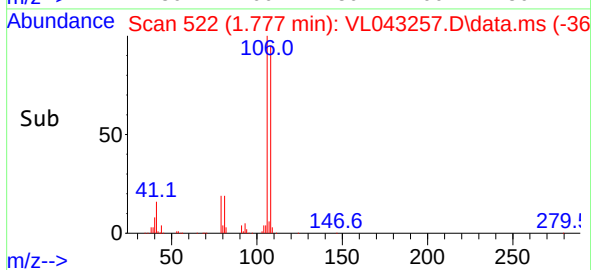
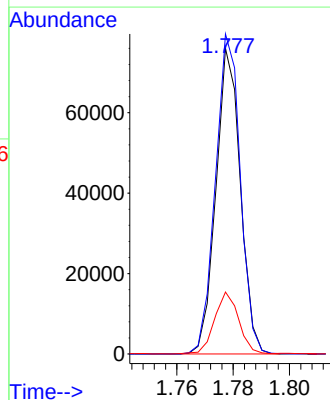
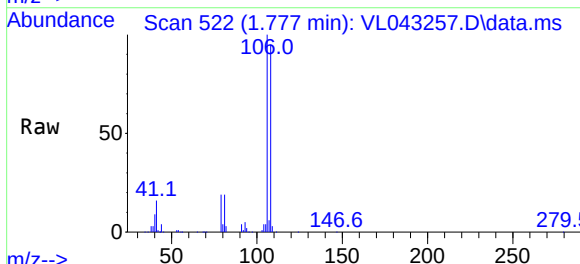
Manual Integrations  
APPROVED

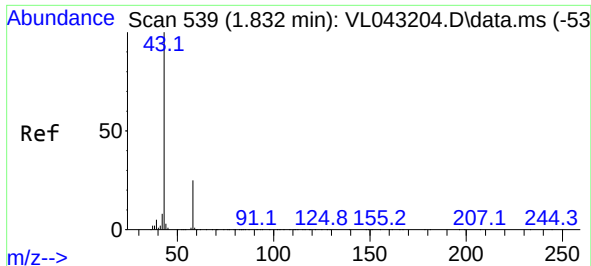
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#14  
Bromoethene  
Concen: 10.897 ppbv  
RT: 1.777 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

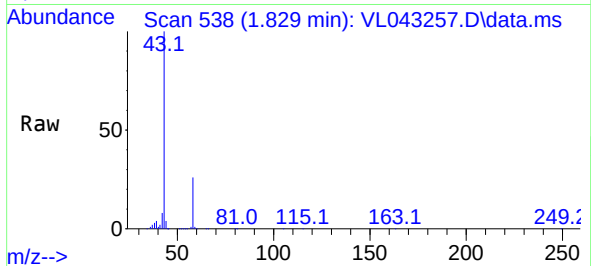
Tgt Ion:108 Resp: 45797  
Ion Ratio Lower Upper  
108 100  
106 106.5 88.9 133.3  
79 20.6 16.5 24.7





#15  
Acetone  
Concen: 8.547 ppbv  
RT: 1.829 min Scan# 51  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

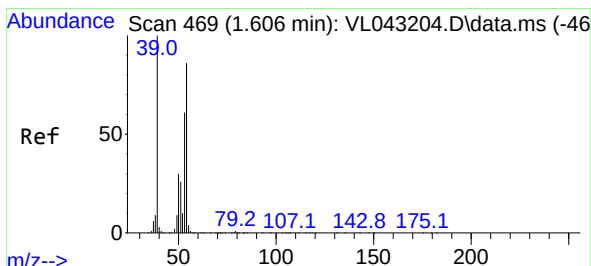
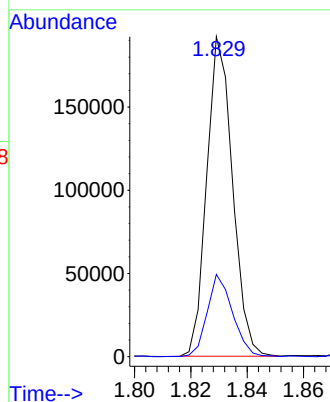
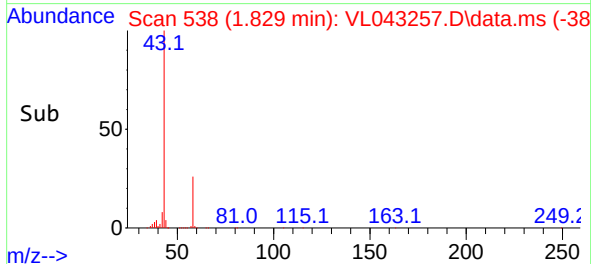
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 43 Resp: 12202  
Ion Ratio Lower Upper  
43 100  
58 25.6 20.7 31.1

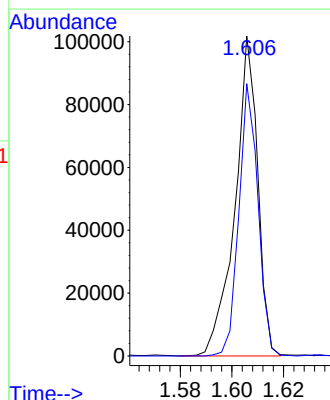
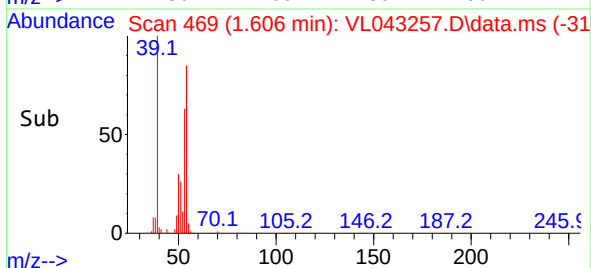
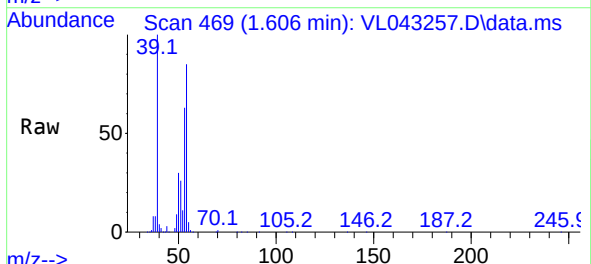
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APPROVED

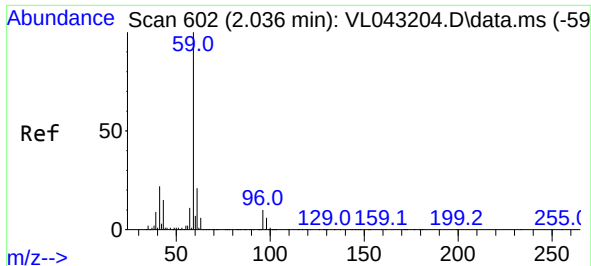
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#16  
1,3-Butadiene  
Concen: 9.794 ppbv  
RT: 1.606 min Scan# 469  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion: 39 Resp: 62334  
Ion Ratio Lower Upper  
39 100  
54 71.9 59.4 89.2





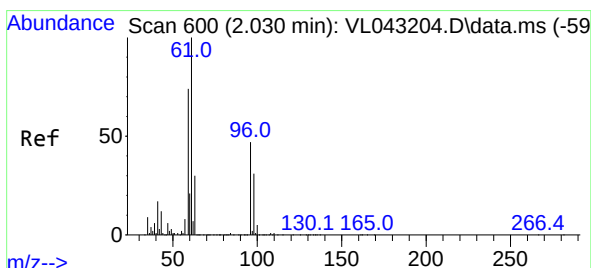
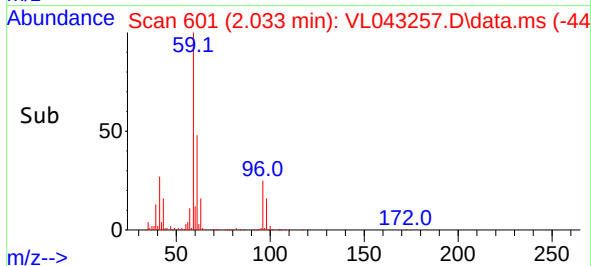
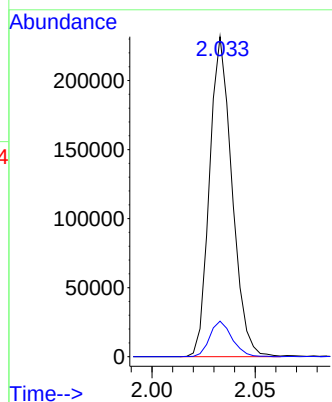
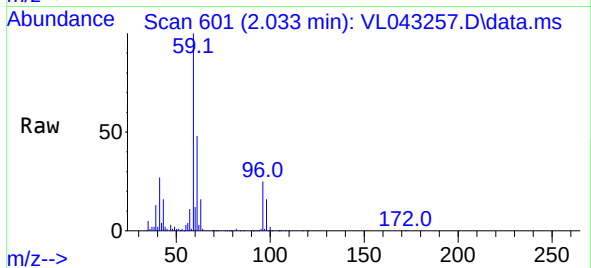
#17  
tert-Butyl alcohol  
Concen: 9.372 ppbv  
RT: 2.033 min Scan# 602  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 59 Resp: 175620  
Ion Ratio Lower Upper  
59 100  
57 11.1 9.0 13.4

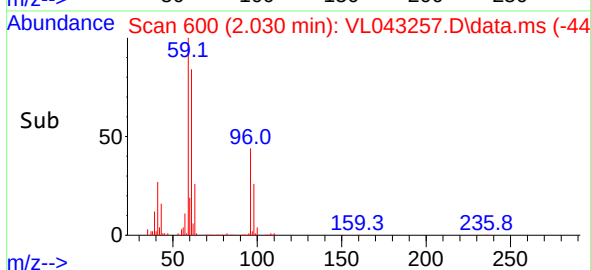
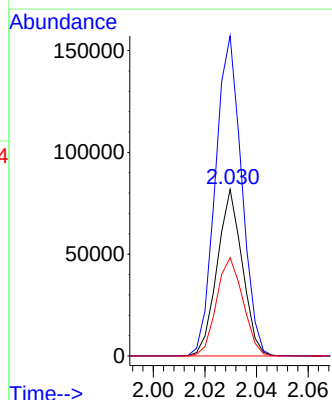
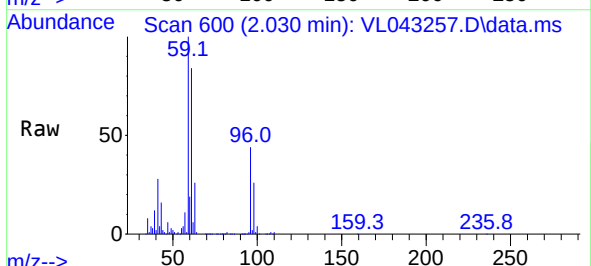
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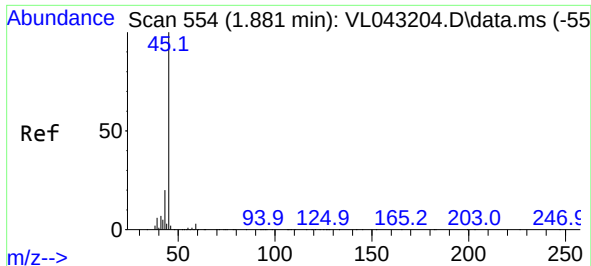
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#18  
1,1-Dichloroethene  
Concen: 10.857 ppbv  
RT: 2.030 min Scan# 600  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

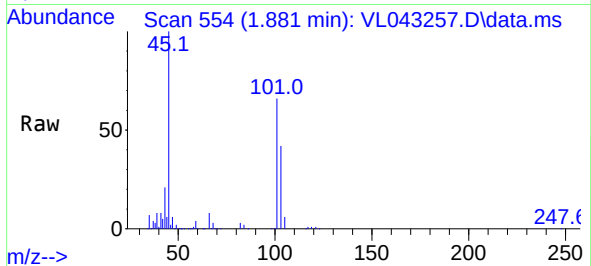
Tgt Ion: 96 Resp: 55419  
Ion Ratio Lower Upper  
96 100  
61 192.0 170.6 255.8  
98 58.9 52.2 78.4





#19  
Isopropyl Alcohol  
Concen: 8.996 ppbv  
RT: 1.881 min Scan# 554  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

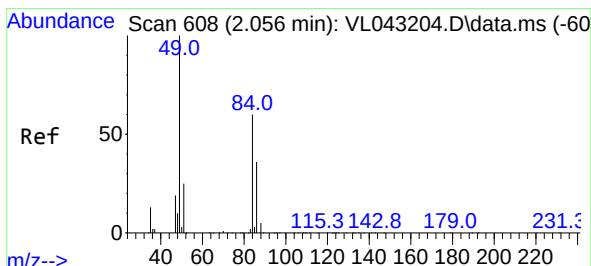
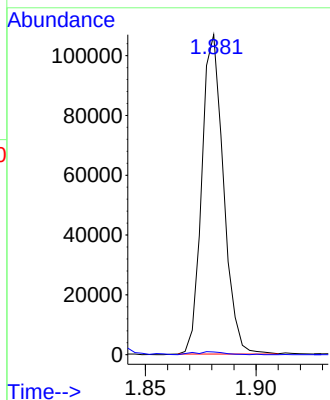
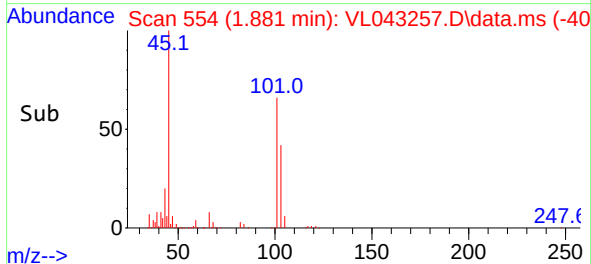
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



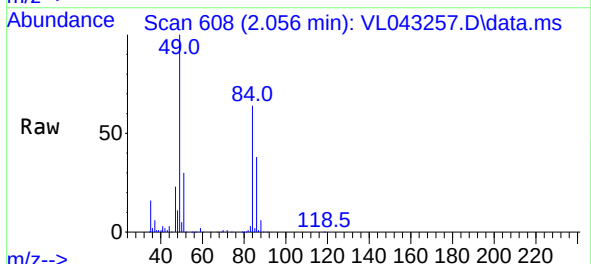
Tgt Ion: 45 Resp: 72573  
Ion Ratio Lower Upper  
45 100  
58 43.1 31.3 46.9

Manual Integrations  
APPROVED

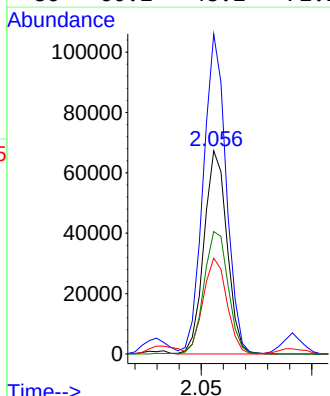
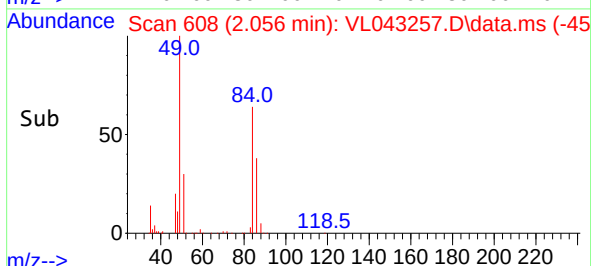
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

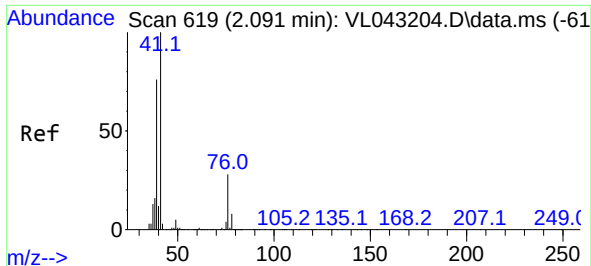


#20  
Methylene Chloride  
Concen: 11.659 ppbv  
RT: 2.056 min Scan# 608  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



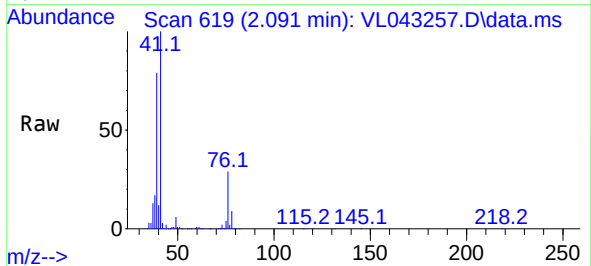
Tgt Ion: 84 Resp: 48499  
Ion Ratio Lower Upper  
84 100  
49 155.9 132.9 199.3  
51 45.7 34.8 52.2  
86 60.2 48.2 72.2





#21  
Allyl Chloride  
Concen: 8.720 ppbv  
RT: 2.091 min Scan# 619  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

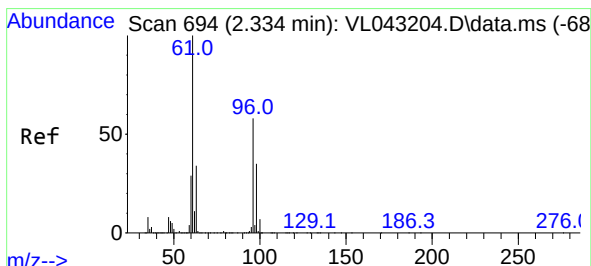
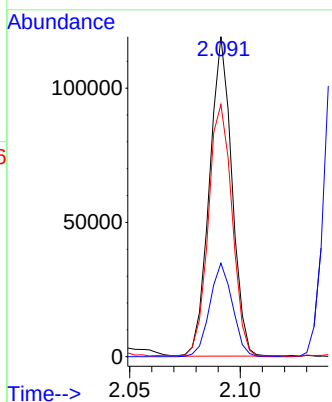
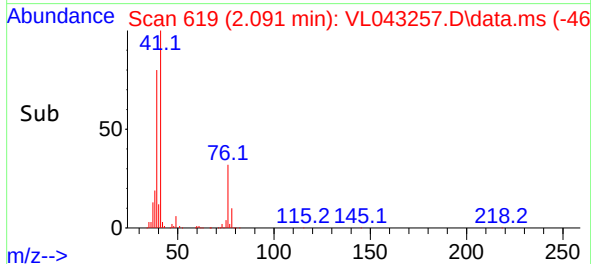
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



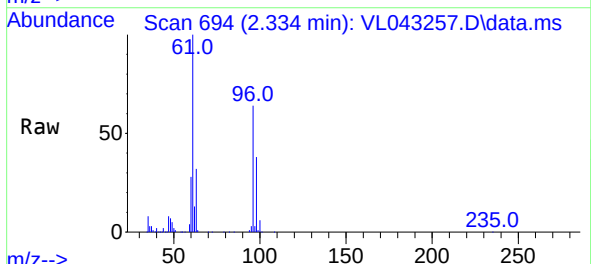
Tgt Ion: 41 Resp: 8376  
Ion Ratio Lower Upper  
41 100  
76 29.6 22.1 33.1  
39 83.6 61.0 91.4

Manual Integrations  
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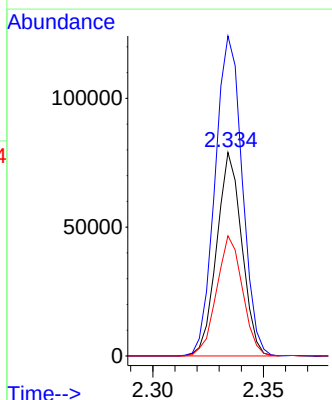
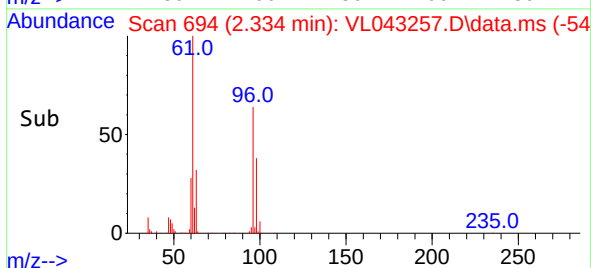
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

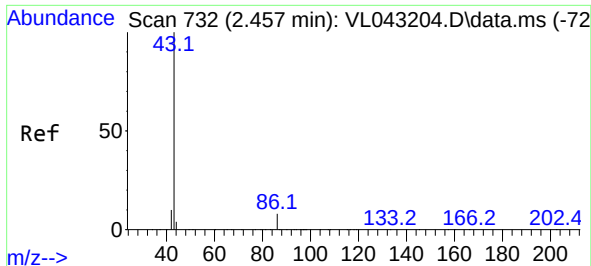


#22  
trans-1,2-Dichloroethene  
Concen: 10.711 ppbv  
RT: 2.334 min Scan# 694  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



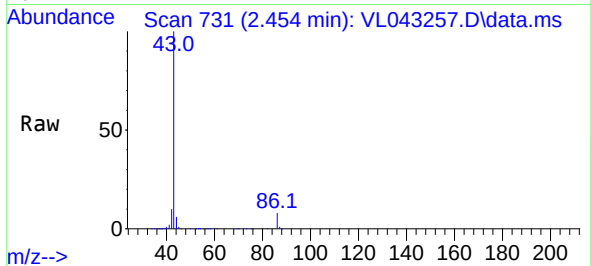
Tgt Ion: 96 Resp: 62490  
Ion Ratio Lower Upper  
96 100  
61 157.2 139.0 208.6  
98 59.1 49.4 74.2





#23  
 Vinyl Acetate  
 Concen: 9.148 ppbv  
 RT: 2.454 min Scan# 715  
 Delta R.T. -0.003 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

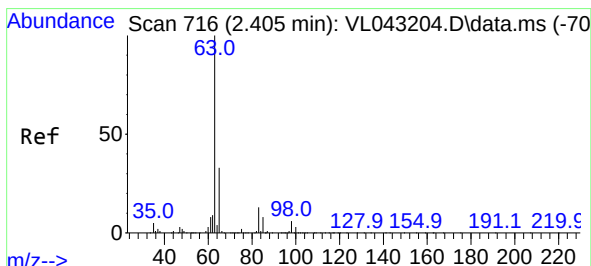
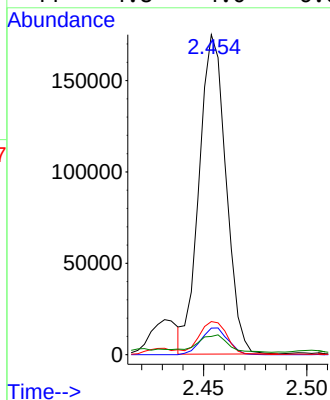
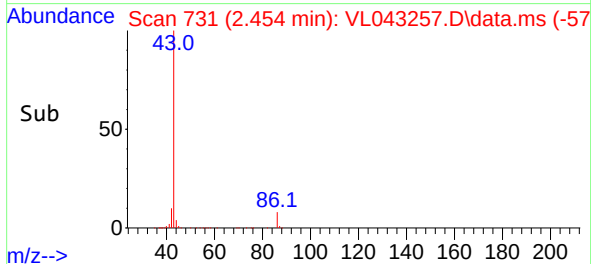
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion: 43 Resp: 157670  
 Ion Ratio Lower Upper  
 43 100  
 86 8.3 6.2 9.2  
 42 10.2 8.0 12.0  
 44 4.8 4.0 6.0

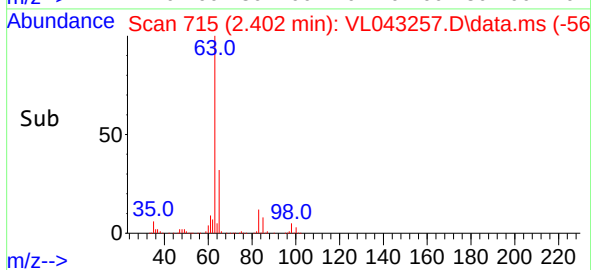
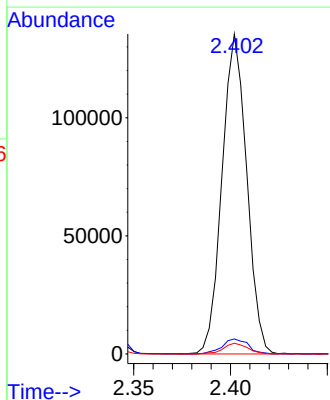
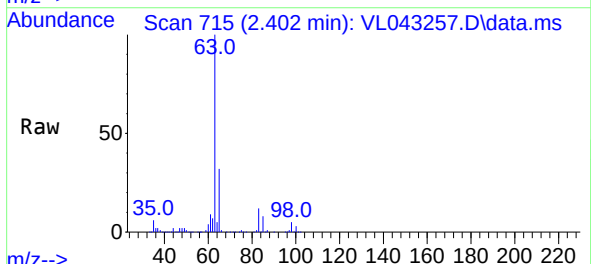
Manual Integrations  
 APPROVED

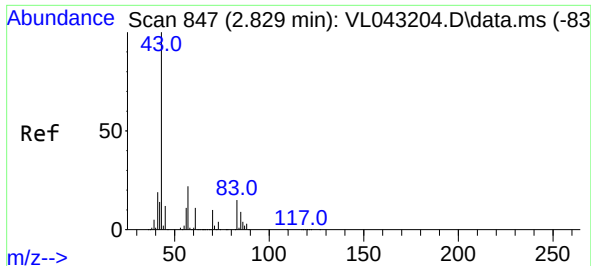
Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025



#24  
 1,1-Dichloroethane  
 Concen: 10.625 ppbv  
 RT: 2.402 min Scan# 715  
 Delta R.T. -0.003 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

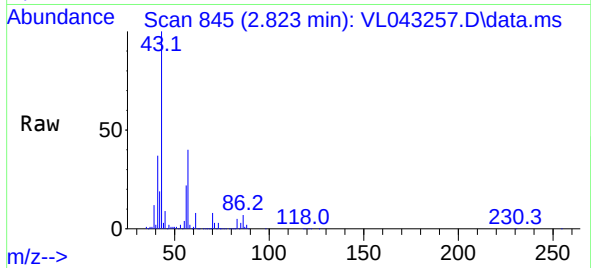
Tgt Ion: 63 Resp: 119663  
 Ion Ratio Lower Upper  
 63 100  
 98 4.6 2.8 8.4  
 100 3.4 1.3 3.9





#25  
Ethyl Acetate  
Concen: 9.287 ppbv  
RT: 2.823 min Scan# 847  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

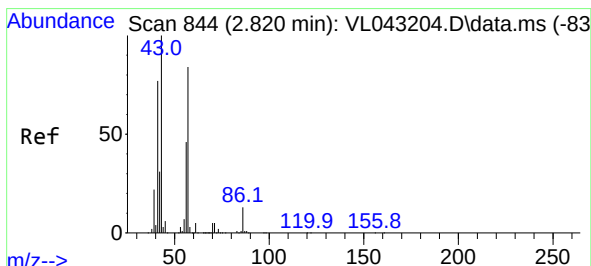
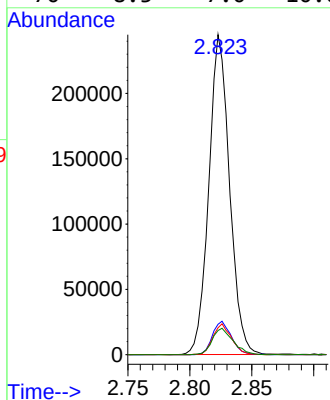
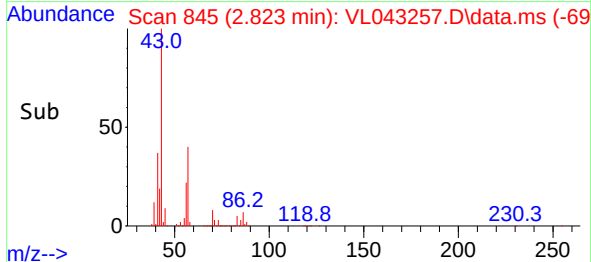
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



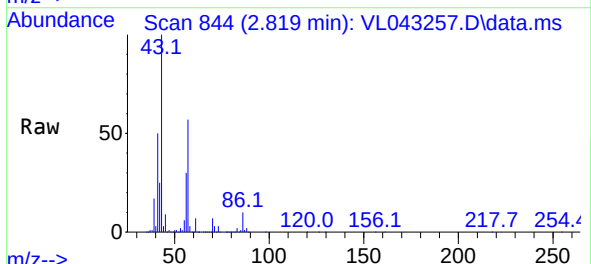
Tgt Ion: 43 Resp: 285972  
Ion Ratio Lower Upper  
43 100  
45 9.5 8.1 12.1  
61 8.7 7.0 10.4  
70 8.3 7.0 10.6

Manual Integrations  
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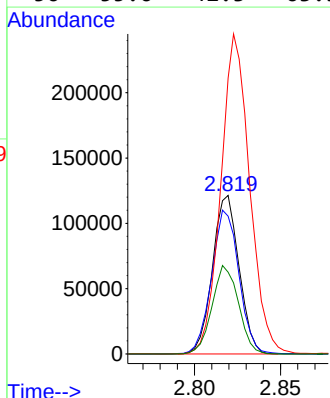
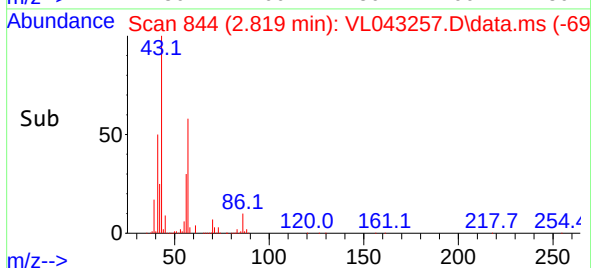
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



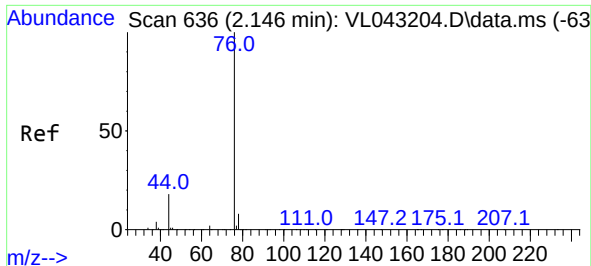
#26  
Hexane  
Concen: 9.630 ppbv  
RT: 2.819 min Scan# 844  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion: 57 Resp: 130004  
Ion Ratio Lower Upper  
57 100  
41 94.0 74.6 111.8  
43 220.7 179.0 268.4  
56 55.6 42.3 63.5

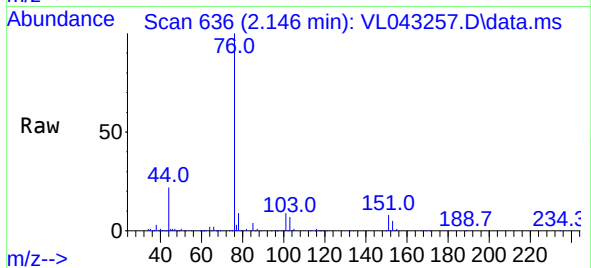






#27  
Carbon Disulfide  
Concen: 10.920 ppbv  
RT: 2.146 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

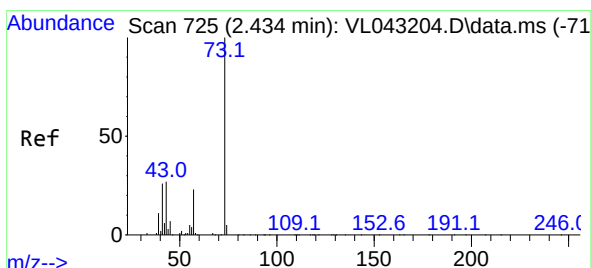
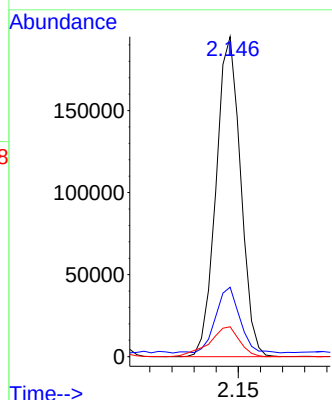
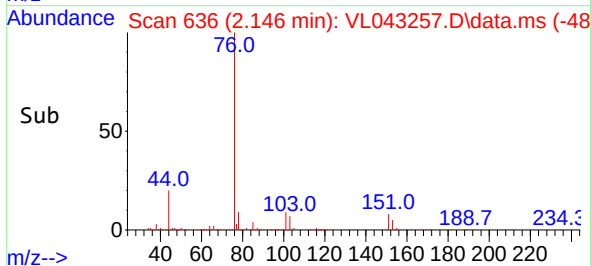
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



Tgt Ion: 76 Resp: 150498  
Ion Ratio Lower Upper  
76 100  
44 20.6 16.1 24.1  
78 11.4 9.6 14.4

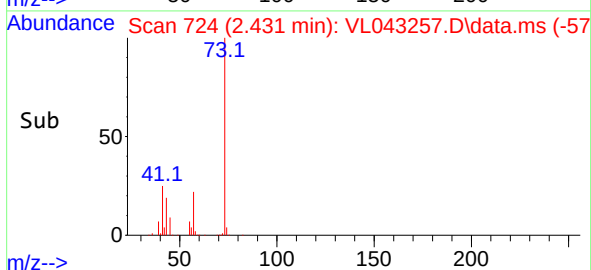
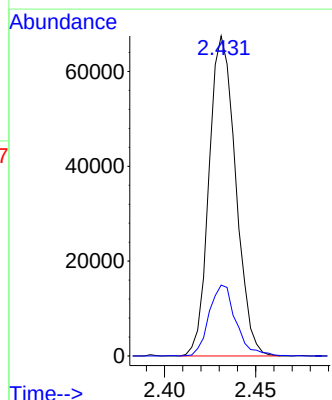
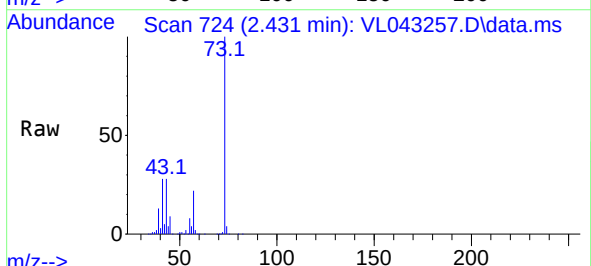
Manual Integrations  
APPROVED

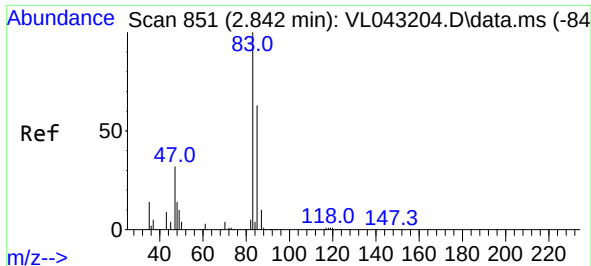
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#28  
Methyl tert-Butyl Ether  
Concen: 10.352 ppbv  
RT: 2.431 min Scan# 724  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion: 73 Resp: 68600  
Ion Ratio Lower Upper  
73 100  
57 22.4 19.8 29.8





#29

Chloroform

Concen: 11.429 ppbv

RT: 2.839 min Scan# 851

Delta R.T. -0.003 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 21929

Ion Ratio Lower Upper

83 100

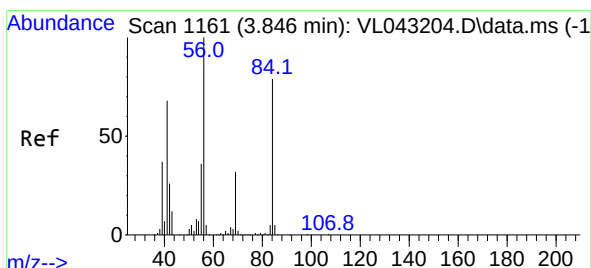
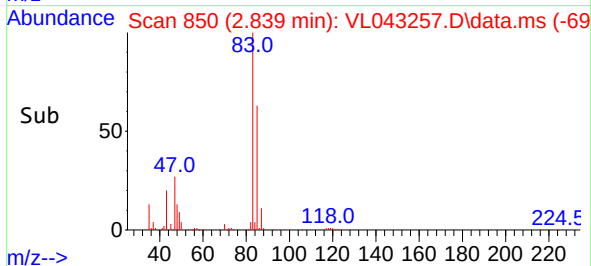
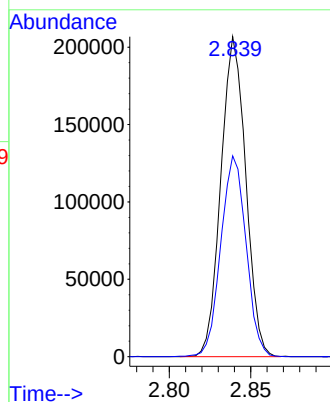
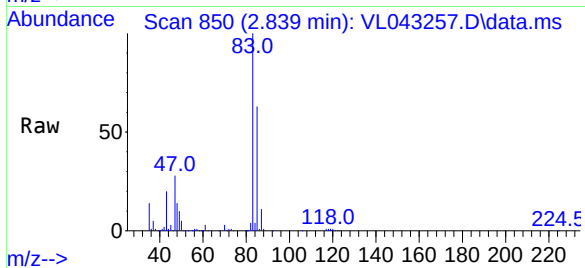
85 62.7 50.5 75.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#30

Cyclohexane

Concen: 9.685 ppbv

RT: 3.845 min Scan# 1161

Delta R.T. -0.000 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

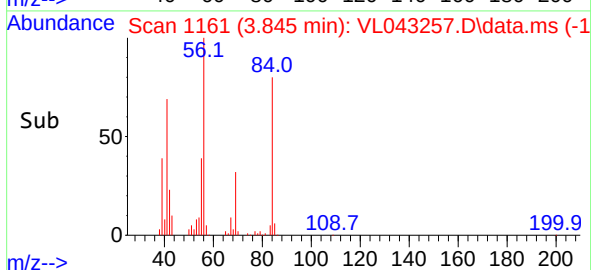
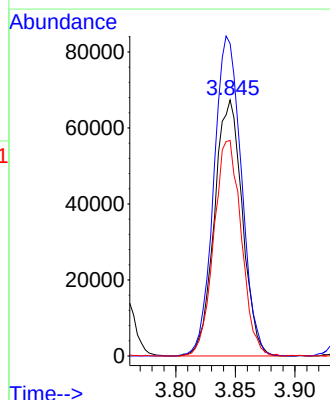
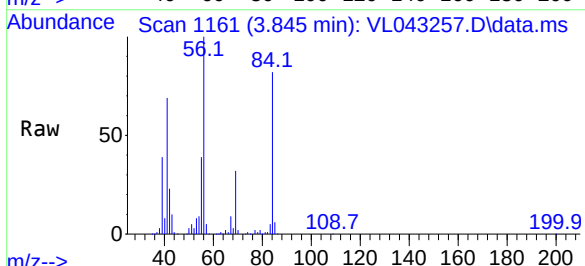
Tgt Ion: 84 Resp: 109617

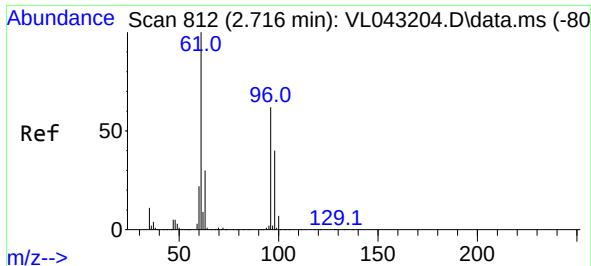
Ion Ratio Lower Upper

84 100

56 123.4 104.7 157.1

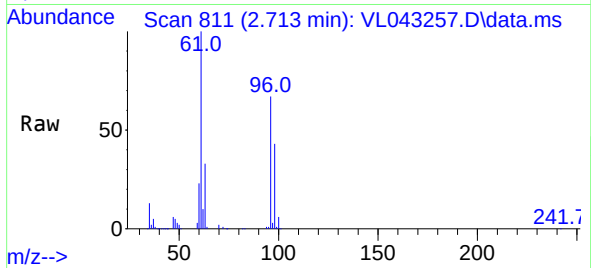
41 82.9 69.0 103.6





#31  
 cis-1,2-Dichloroethene  
 Concen: 10.277 ppbv  
 RT: 2.713 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

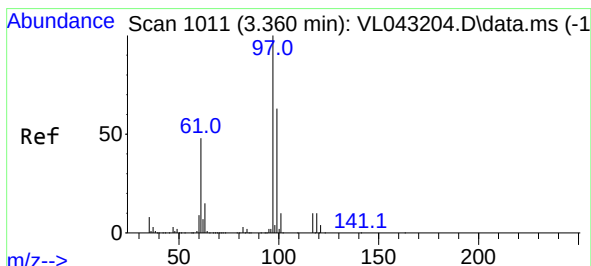
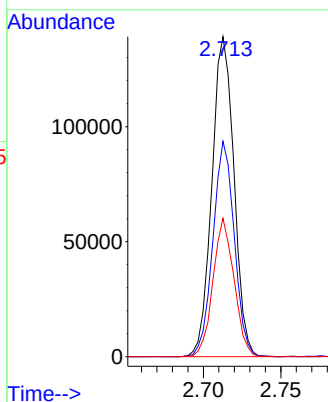
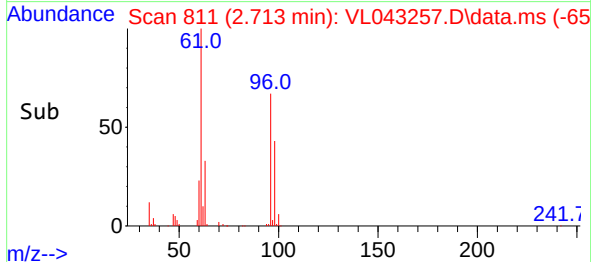
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010



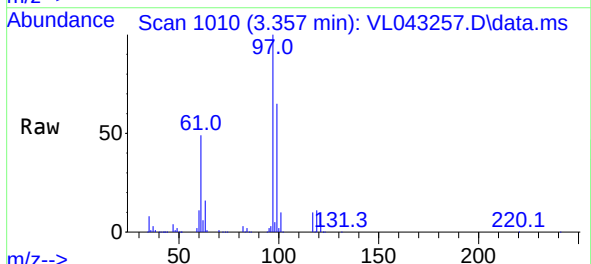
Tgt Ion: 61 Resp: 13789  
 Ion Ratio Lower Upper  
 61 100  
 96 67.3 49.3 73.9  
 98 43.2 32.1 48.1

Manual Integrations  
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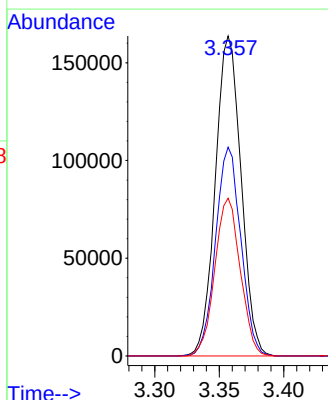
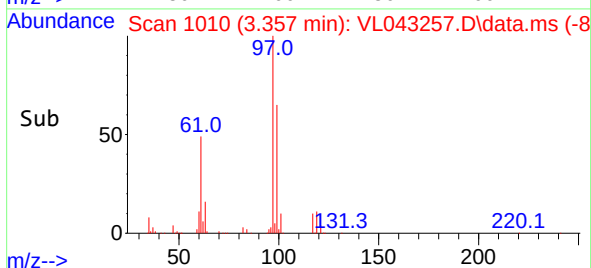
Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025

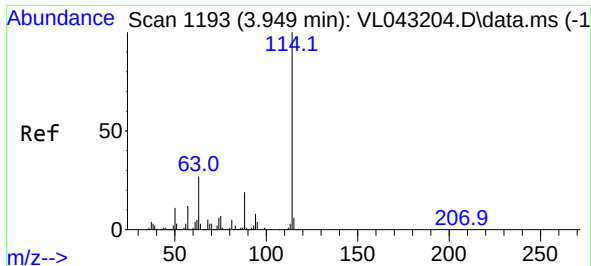


#32  
 1,1,1-Trichloroethane  
 Concen: 11.079 ppbv  
 RT: 3.357 min Scan# 1010  
 Delta R.T. -0.003 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14



Tgt Ion: 97 Resp: 226600  
 Ion Ratio Lower Upper  
 97 100  
 99 64.1 50.3 75.5  
 61 48.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.943 min Scan# 1191

Delta R.T. -0.007 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

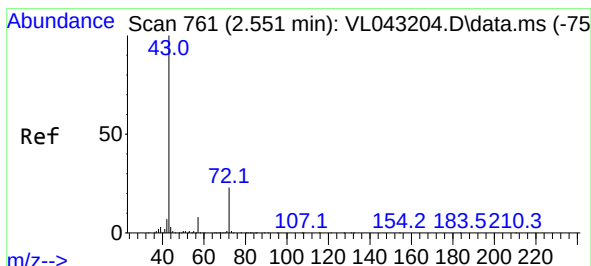
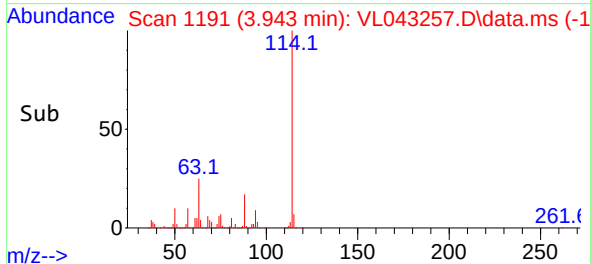
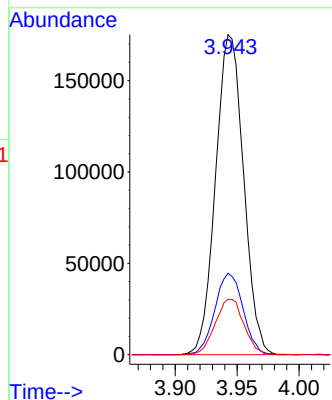
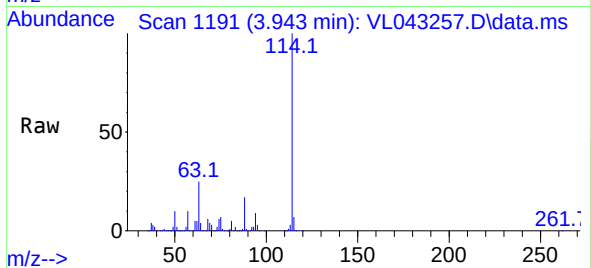
Tgt Ion:114 Resp: 27559

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 114 | 100   |       |       |
| 63  | 25.7  | 21.0  | 31.6  |
| 88  | 17.7  | 14.9  | 22.3  |

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#34

2-Butanone

Concen: 9.303 ppbv

RT: 2.548 min Scan# 760

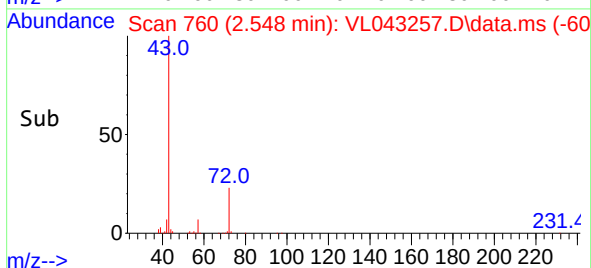
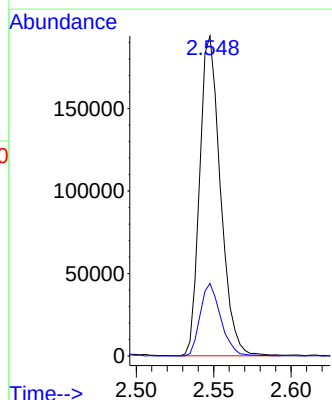
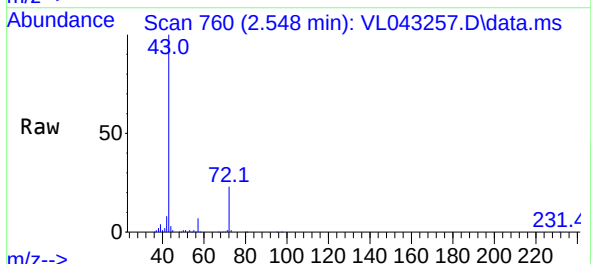
Delta R.T. -0.003 min

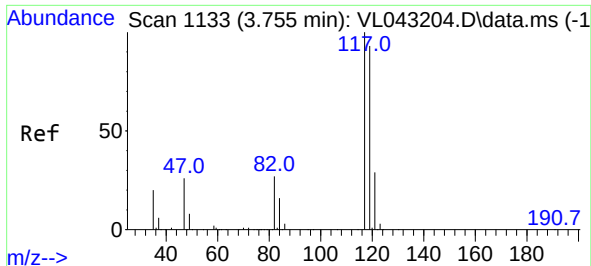
Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Tgt Ion: 43 Resp: 180979

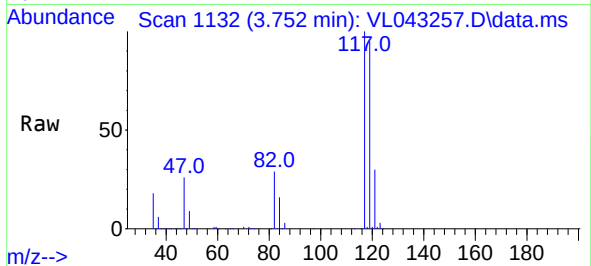
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 22.6  | 18.1  | 27.1  |





#35  
Carbon Tetrachloride  
Concen: 11.356 ppbv  
RT: 3.752 min Scan# 1133  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

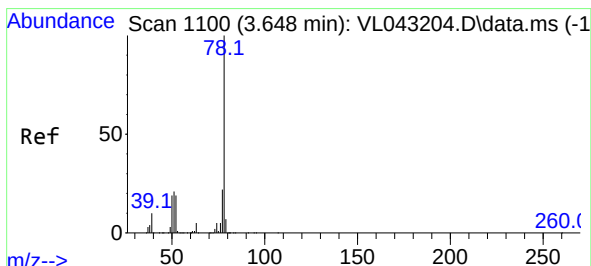
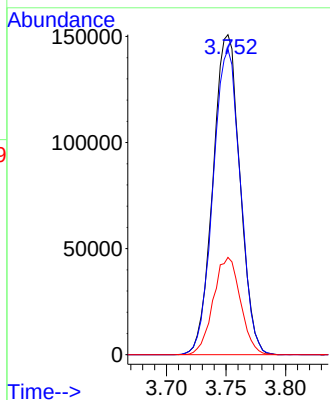
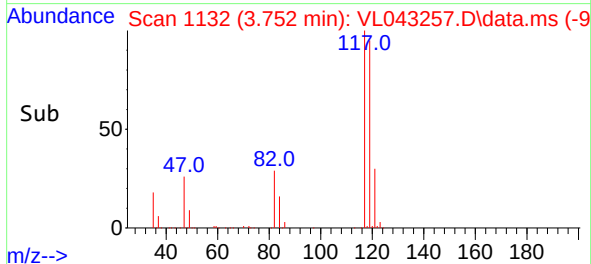
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



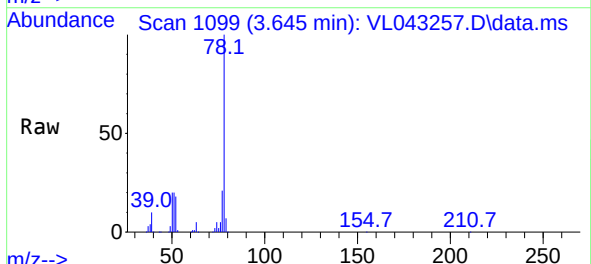
Tgt Ion: 117 Resp: 237548  
Ion Ratio Lower Upper  
117 100  
119 95.3 74.6 112.0  
121 30.4 23.2 34.8

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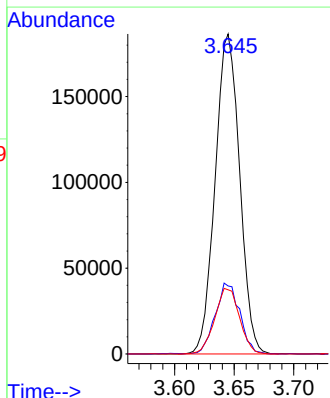
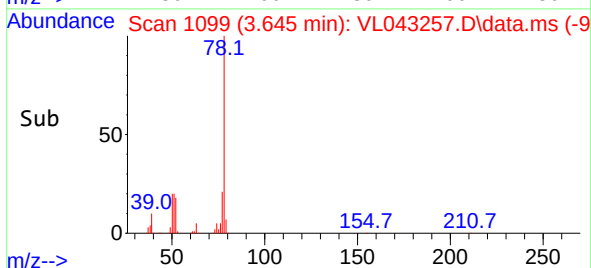
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

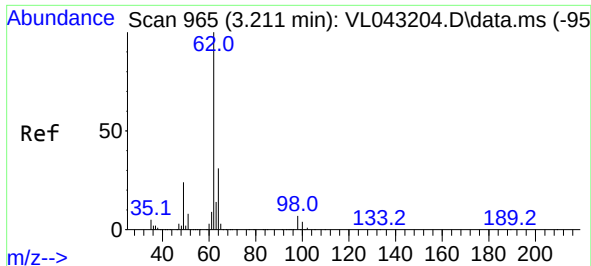


#36  
Benzene  
Concen: 10.078 ppbv  
RT: 3.645 min Scan# 1099  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion: 78 Resp: 265981  
Ion Ratio Lower Upper  
78 100  
77 21.3 17.5 26.3  
50 20.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 11.229 ppbv

RT: 3.208 min Scan# 9

Delta R.T. -0.003 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 17334

Ion Ratio Lower Upper

62 100

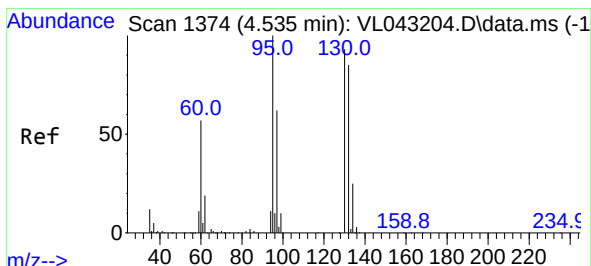
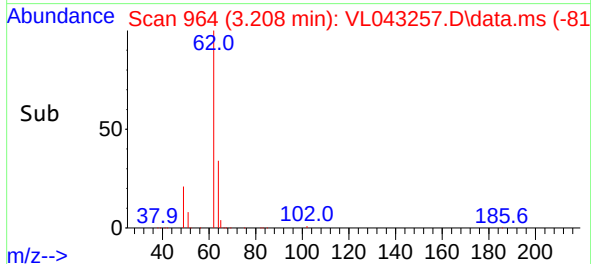
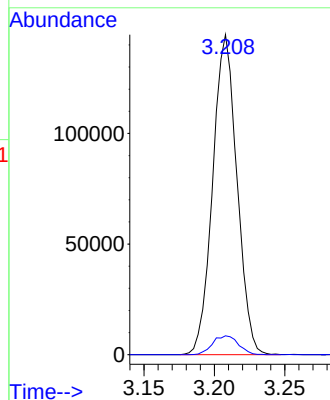
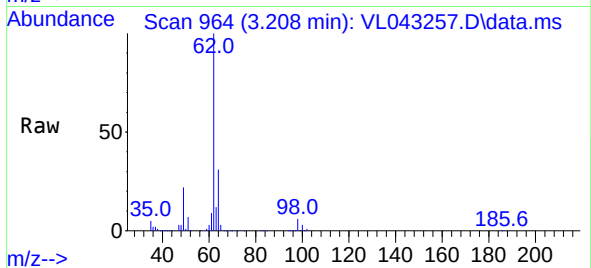
98 6.3 5.5 8.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#38

Trichloroethene

Concen: 10.447 ppbv

RT: 4.528 min Scan# 1372

Delta R.T. -0.007 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Tgt Ion:130 Resp: 107877

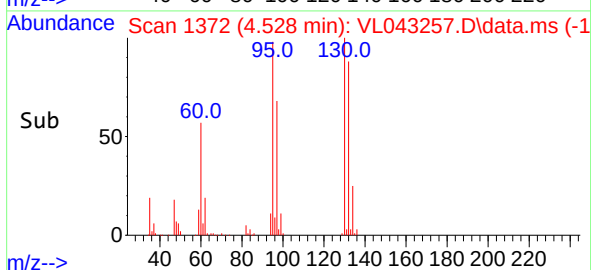
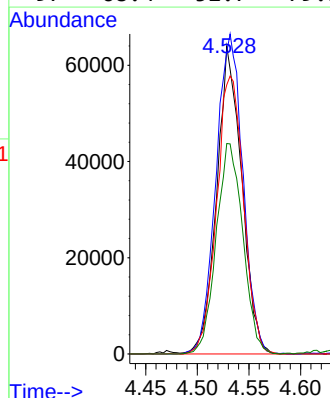
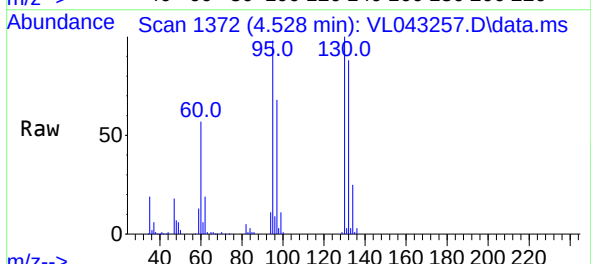
Ion Ratio Lower Upper

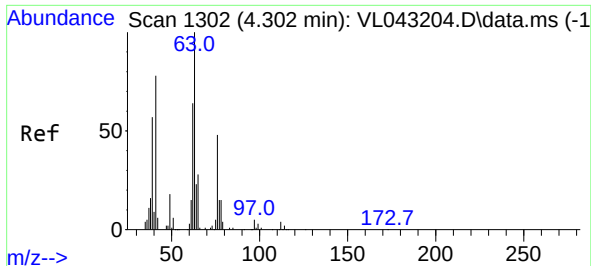
130 100

95 98.2 85.7 128.5

132 87.6 73.4 110.0

97 68.4 52.7 79.1





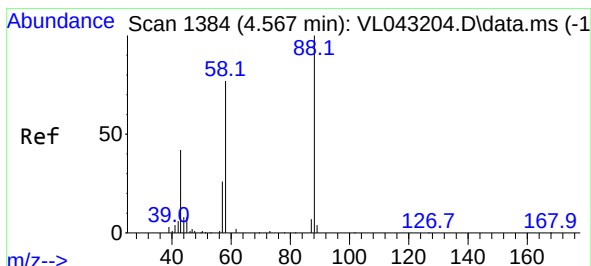
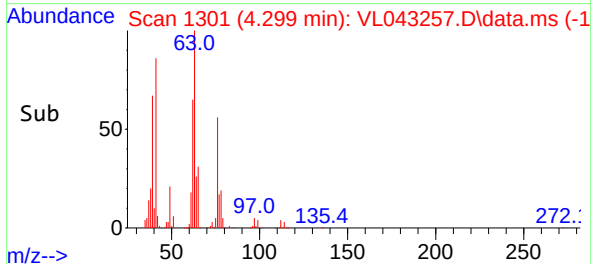
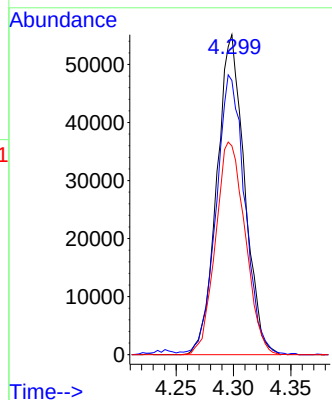
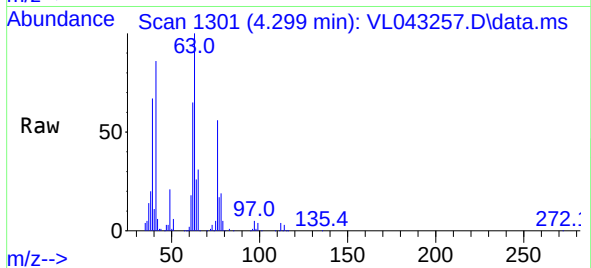
#39  
1,2-Dichloropropane  
Concen: 9.571 ppbv  
RT: 4.299 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 63 Resp: 9245  
Ion Ratio Lower Upper  
63 100  
41 84.9 62.6 93.8  
62 65.3 51.0 76.6

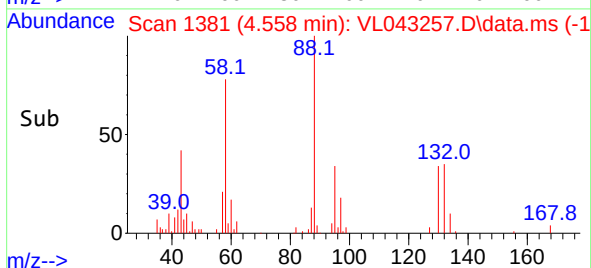
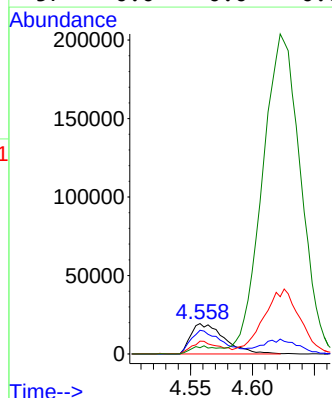
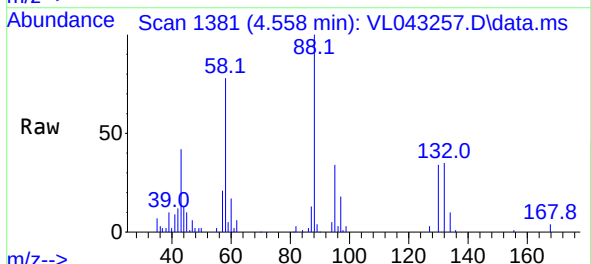
Manual Integrations  
APPROVED

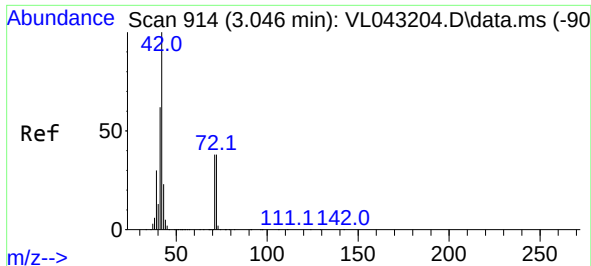
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#40  
1,4-Dioxane  
Concen: 8.418 ppbv  
RT: 4.558 min Scan# 1381  
Delta R.T. -0.010 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

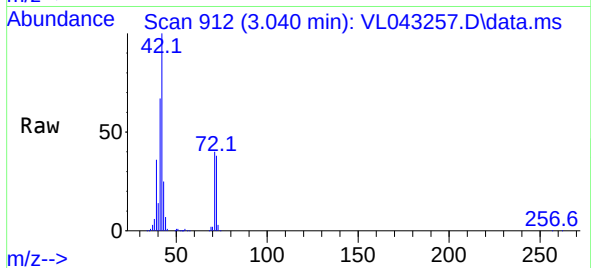
Tgt Ion: 88 Resp: 36555  
Ion Ratio Lower Upper  
88 100  
58 71.5 63.0 94.6  
43 35.1 32.5 48.7  
57 0.0 0.0 0.0





#41  
Tetrahydrofuran  
Concen: 8.822 ppbv  
RT: 3.040 min Scan# 914  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

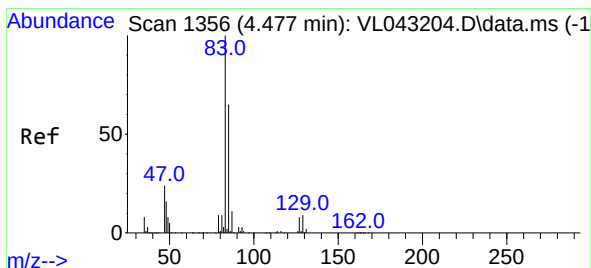
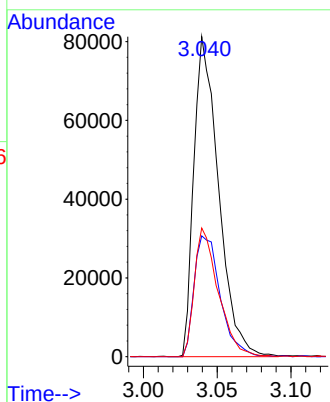
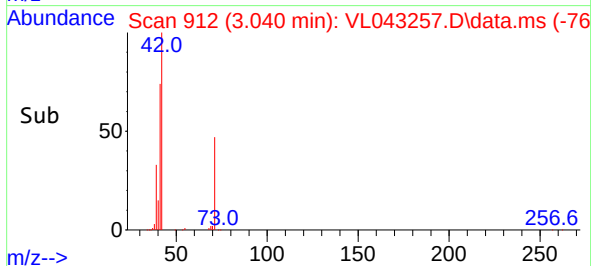
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



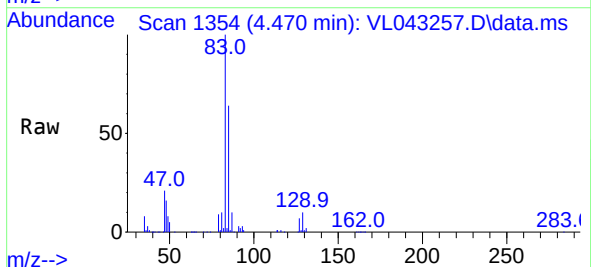
Tgt Ion: 42 Resp: 94770  
Ion Ratio Lower Upper  
42 100  
72 39.9 30.6 46.0  
71 39.0 30.5 45.7

Manual Integrations  
APPROVED

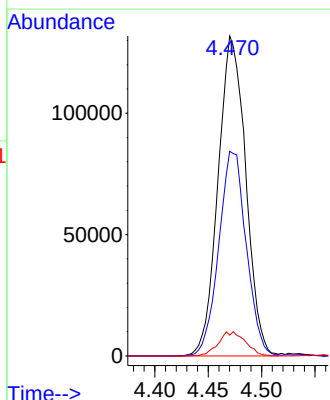
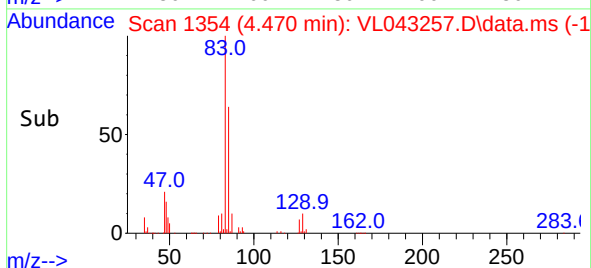
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



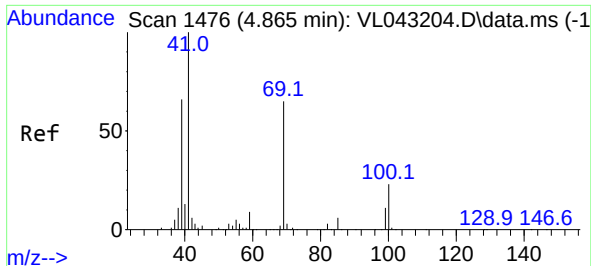
#42  
Bromodichloromethane  
Concen: 11.152 ppbv  
RT: 4.470 min Scan# 1354  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion: 83 Resp: 237498  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.7 77.5  
127 6.5 6.3 9.5

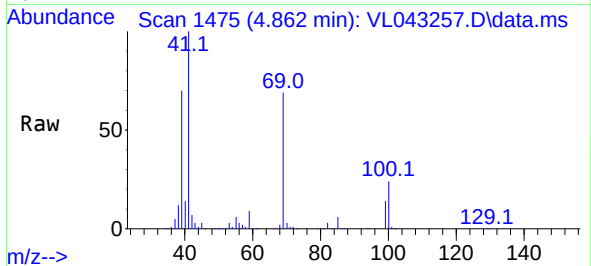






#43  
Methyl Methacrylate  
Concen: 8.957 ppbv  
RT: 4.862 min Scan# 1476  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

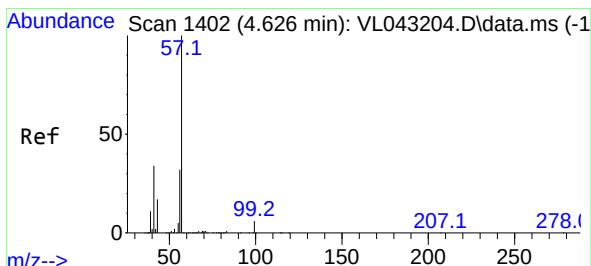
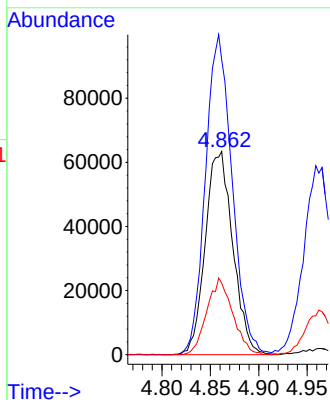
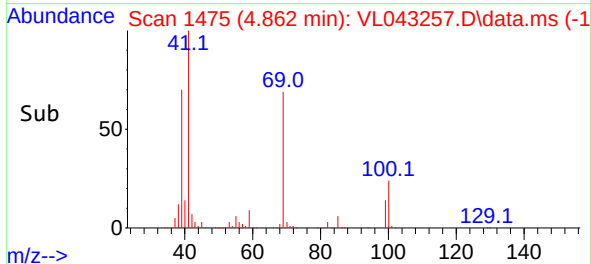
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



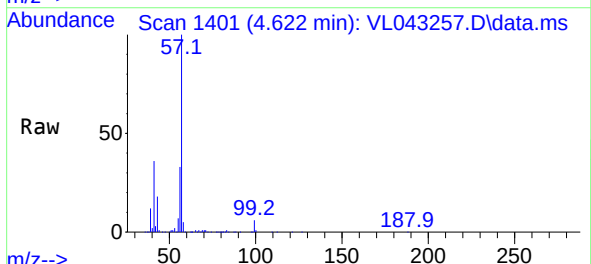
Tgt Ion: 69 Resp: 125480  
Ion Ratio Lower Upper  
69 100  
41 152.5 126.7 190.1  
100 35.4 28.6 43.0

Manual Integrations  
APPROVED

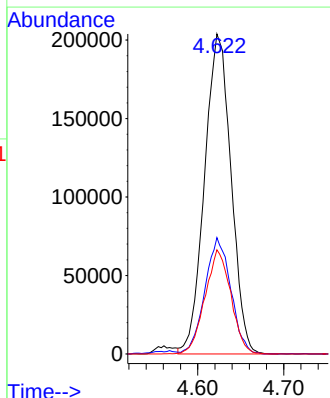
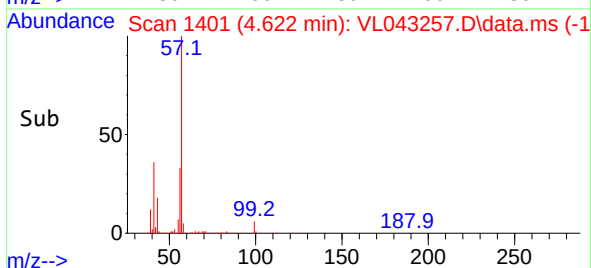
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

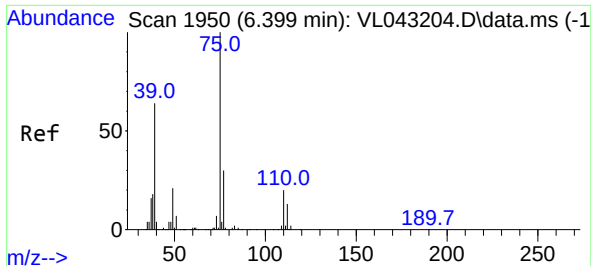


#44  
2,2,4-Trimethylpentane  
Concen: 9.643 ppbv  
RT: 4.622 min Scan# 1401  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion: 57 Resp: 437108  
Ion Ratio Lower Upper  
57 100  
41 36.3 28.0 42.0  
56 31.7 25.6 38.4





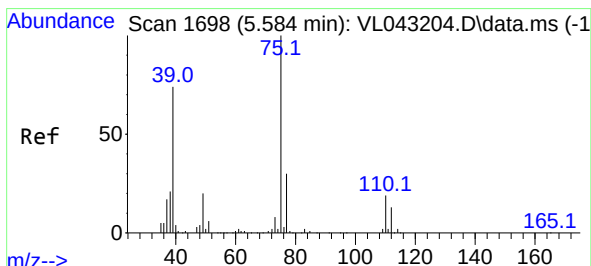
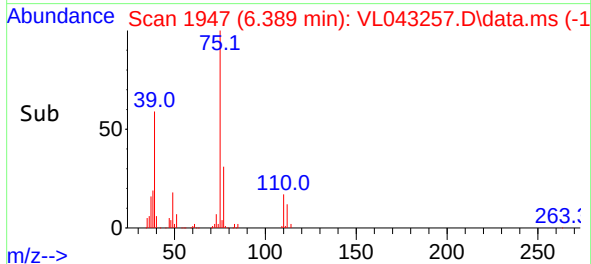
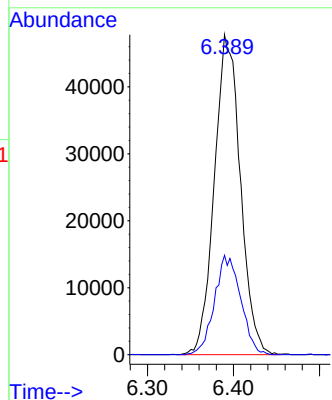
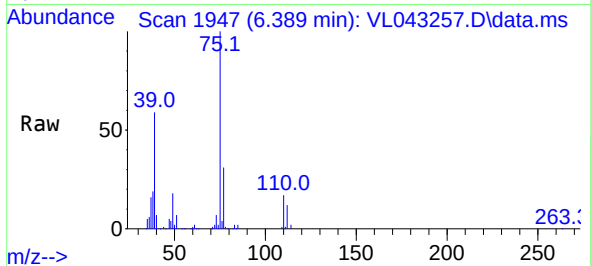
#45  
t-1,3-Dichloropropene  
Concen: 7.675 ppbv  
RT: 6.389 min Scan# 1950  
Delta R.T. -0.010 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 75 Resp: 10023  
Ion Ratio Lower Upper  
75 100  
77 31.0 24.3 36.5

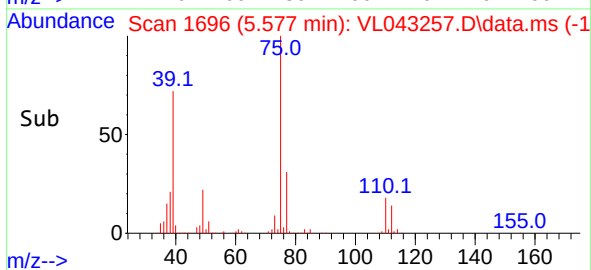
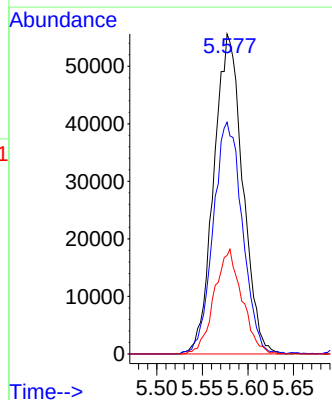
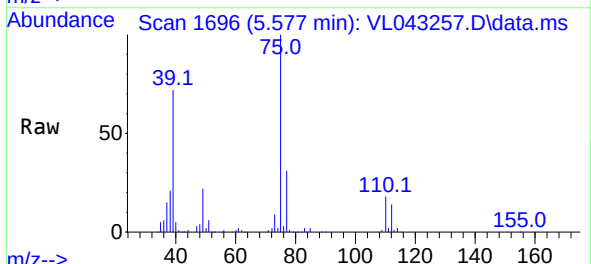
Manual Integrations  
APPROVED

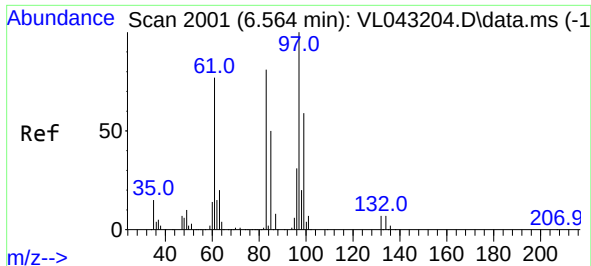
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#46  
cis-1,3-Dichloropropene  
Concen: 7.989 ppbv  
RT: 5.577 min Scan# 1696  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion: 75 Resp: 122504  
Ion Ratio Lower Upper  
75 100  
39 72.3 59.1 88.7  
77 30.8 24.2 36.2





#47

1,1,2-Trichloroethane

Concen: 10.190 ppbv

RT: 6.561 min Scan# 2001

Delta R.T. -0.003 min

Lab File: VL043257.D

Acq: 20 Nov 2025 10:14

Instrument :

MSVOA\_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 104460

Ion Ratio Lower Upper

97 100

83 80.8 64.6 97.0

85 50.9 39.4 59.2

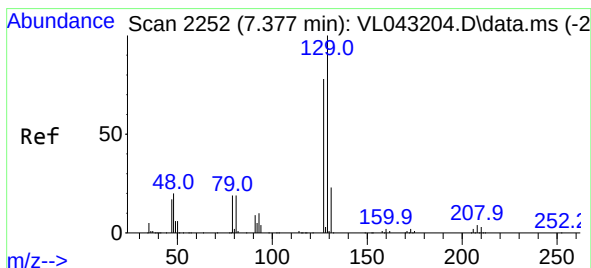
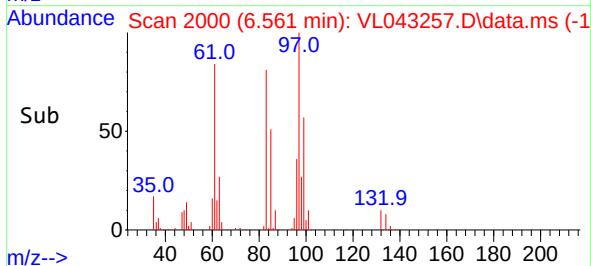
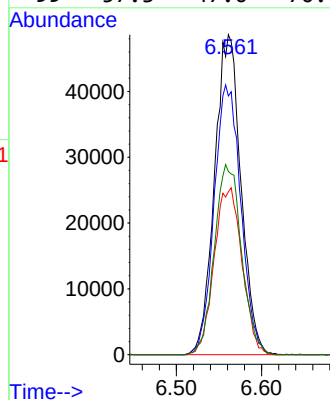
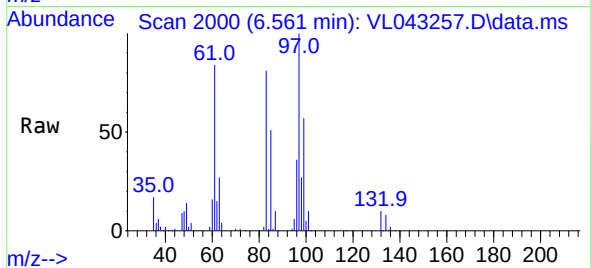
99 57.3 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025

Supervised By :Mahesh Dadoda 11/21/2025



#48

Dibromochloromethane

Concen: 10.997 ppbv

RT: 7.370 min Scan# 2250

Delta R.T. -0.007 min

Lab File: VL043257.D

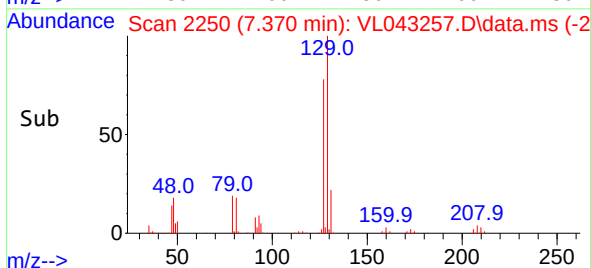
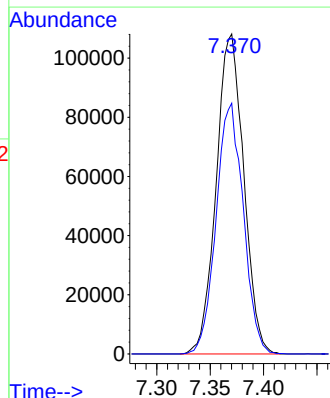
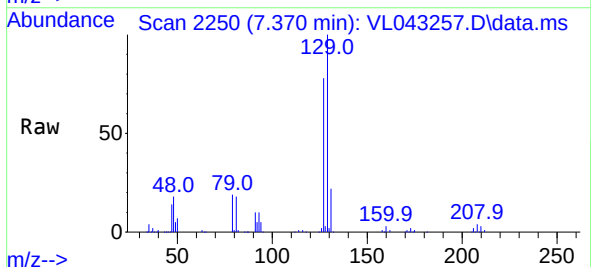
Acq: 20 Nov 2025 10:14

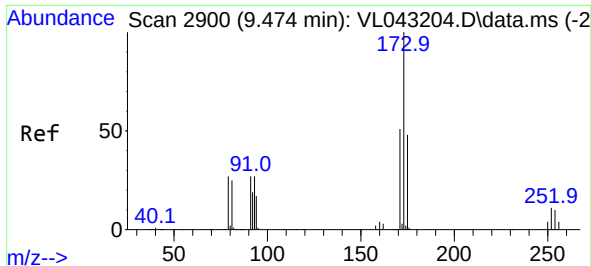
Tgt Ion:129 Resp: 193819

Ion Ratio Lower Upper

129 100

127 77.4 39.3 117.9





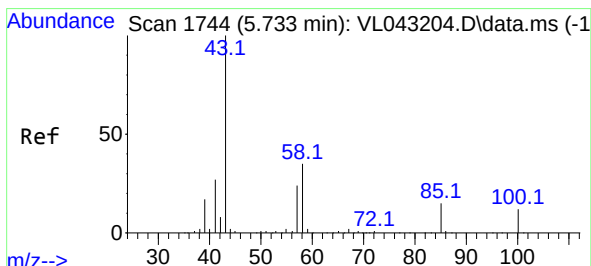
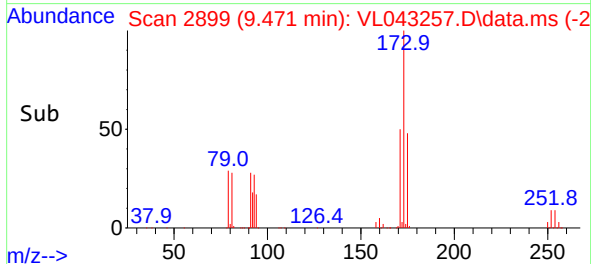
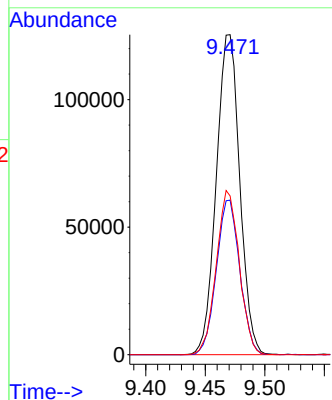
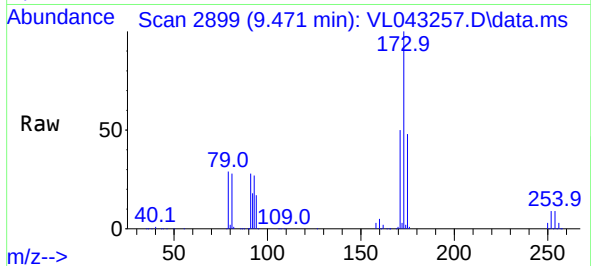
#49  
Bromoform  
Concen: 10.994 ppbv  
RT: 9.471 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion:173 Resp: 171644  
Ion Ratio Lower Upper  
173 100  
175 48.3 38.6 58.0  
171 50.3 40.6 61.0

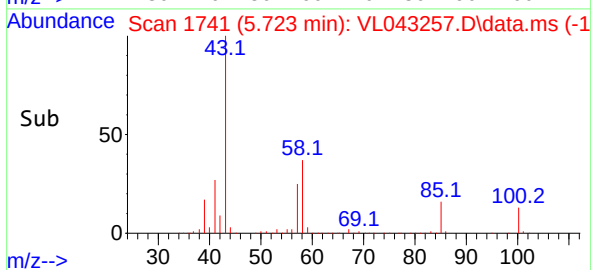
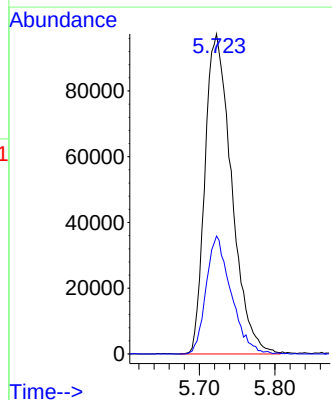
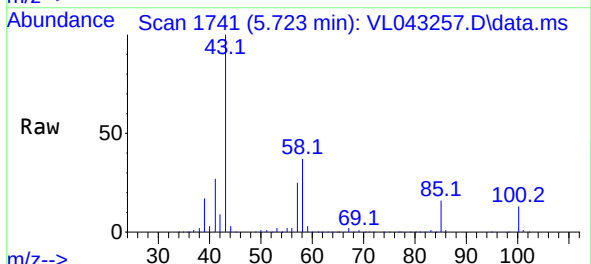
Manual Integrations  
APPROVED

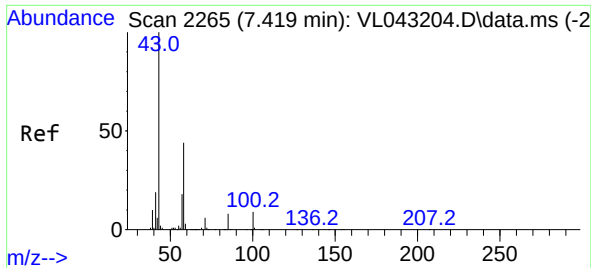
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#50  
4-Methyl-2-Pentanone  
Concen: 8.688 ppbv  
RT: 5.723 min Scan# 1741  
Delta R.T. -0.010 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion: 43 Resp: 238084  
Ion Ratio Lower Upper  
43 100  
58 34.7 28.4 42.6





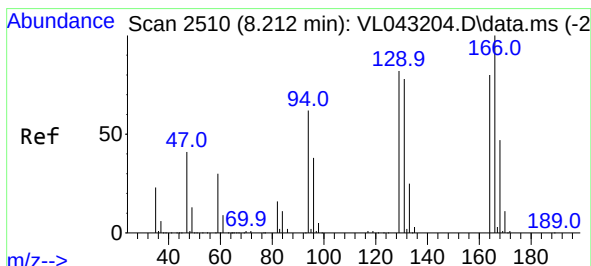
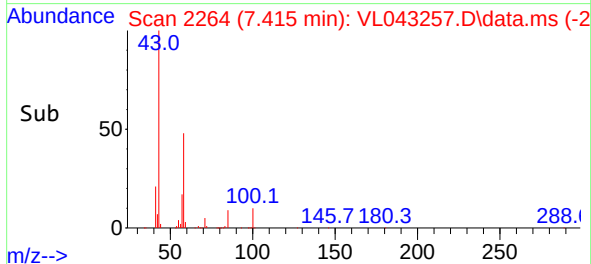
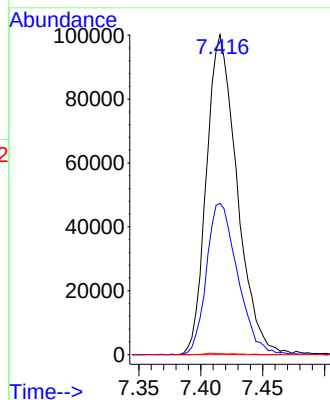
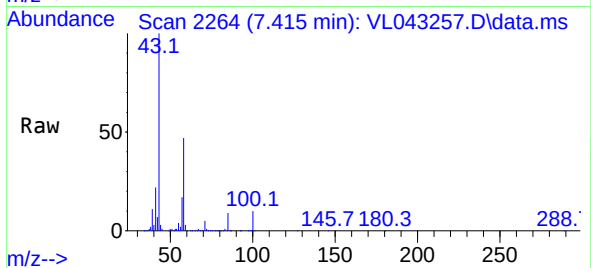
#51  
2-Hexanone  
Concen: 8.097 ppbv  
RT: 7.415 min Scan# 2109  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument : MSVOA\_L  
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 172317  
Ion Ratio Lower Upper  
43 100  
58 48.3 38.4 57.6  
98 0.4 0.0 0.0

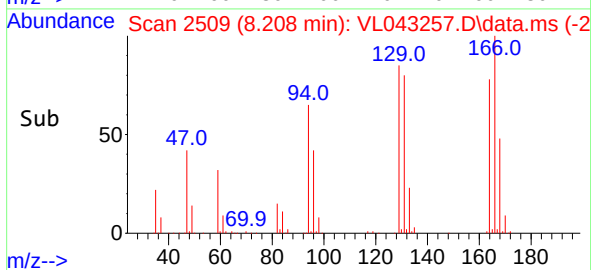
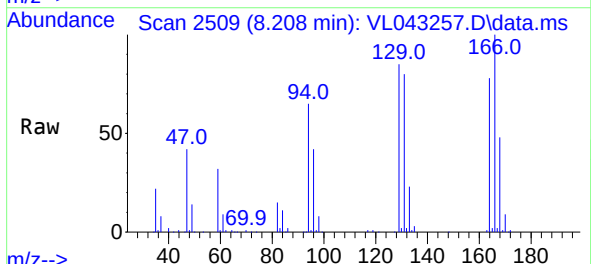
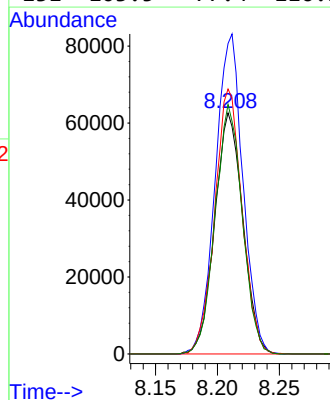
Manual Integrations  
APPROVED

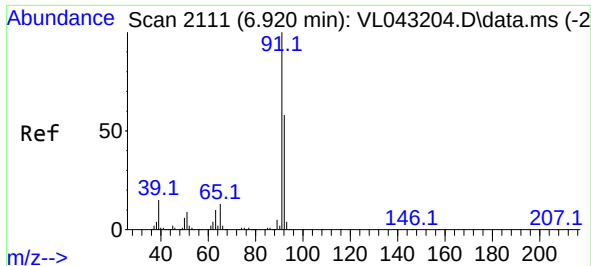
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#52  
Tetrachloroethene  
Concen: 10.097 ppbv  
RT: 8.208 min Scan# 2509  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion:164 Resp: 99129  
Ion Ratio Lower Upper  
164 100  
166 128.8 99.4 149.2  
129 109.9 81.8 122.8  
131 103.5 77.4 116.2





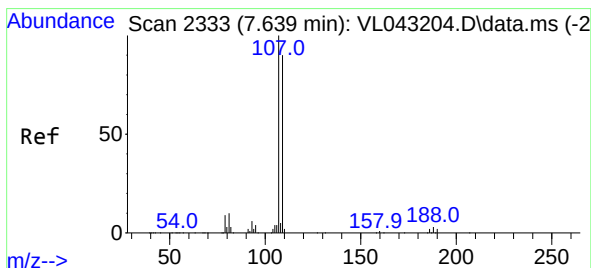
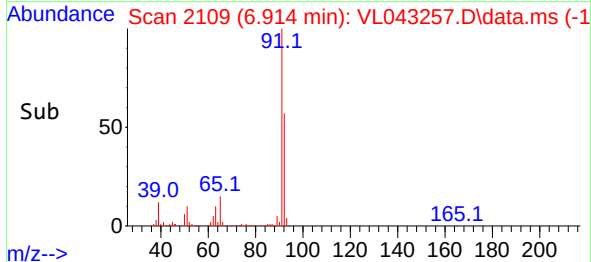
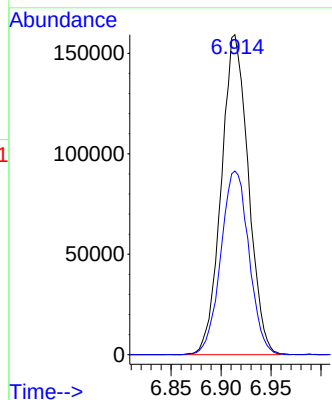
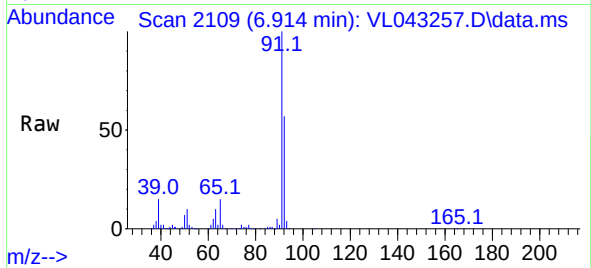
#53  
Toluene  
Concen: 9.604 ppbv  
RT: 6.914 min Scan# 2111  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 91 Resp: 300158  
Ion Ratio Lower Upper  
91 100  
92 59.7 47.4 71.0

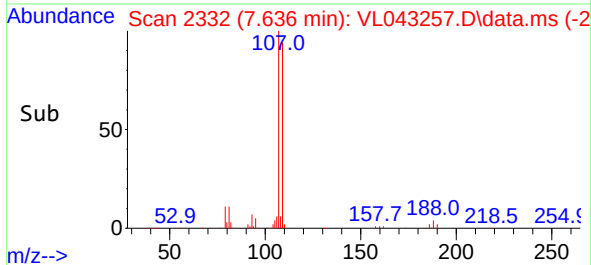
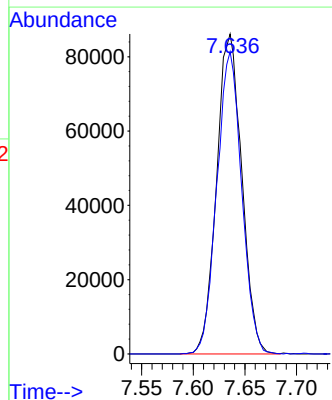
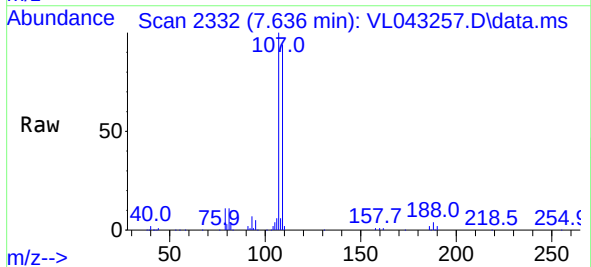
Manual Integrations  
APPROVED

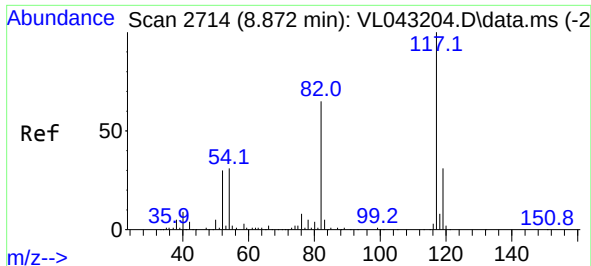
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#54  
1,2-Dibromoethane  
Concen: 9.684 ppbv  
RT: 7.636 min Scan# 2332  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

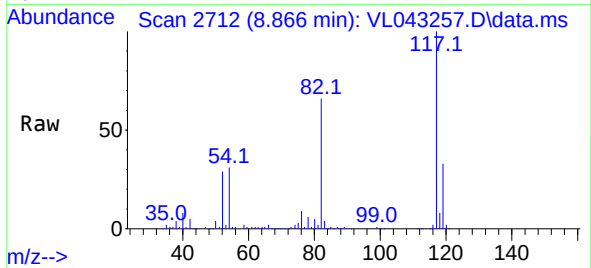
Tgt Ion:107 Resp: 146099  
Ion Ratio Lower Upper  
107 100  
109 94.4 72.1 108.1





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 8.866 min Scan# 2117  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

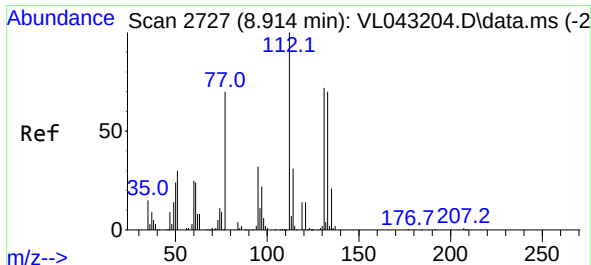
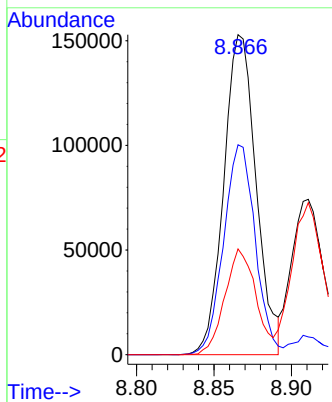
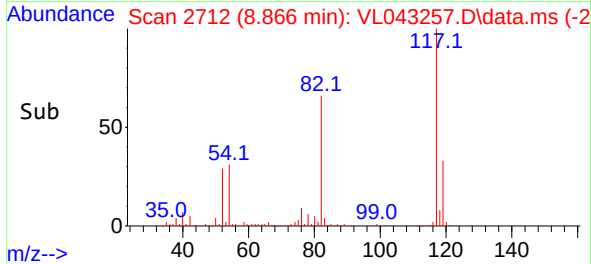
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



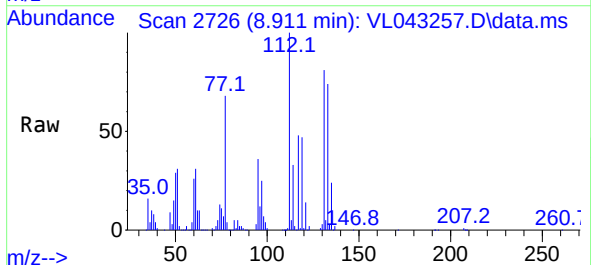
Tgt Ion:117 Resp: 222770  
Ion Ratio Lower Upper  
117 100  
82 65.1 56.1 84.1  
119 32.7 25.0 37.6

Manual Integrations  
APPROVED

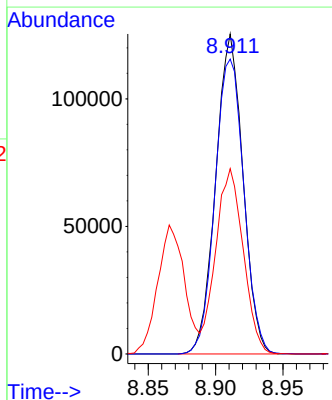
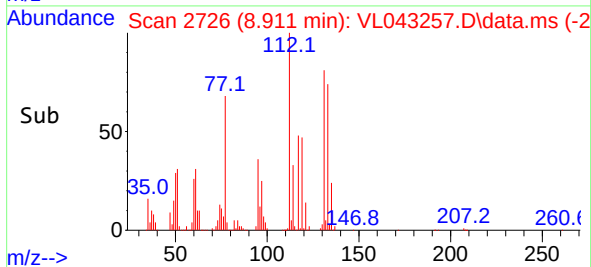
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

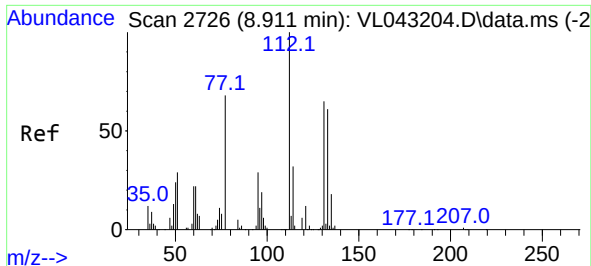


#56  
1,1,1,2-Tetrachloroethane  
Concen: 10.787 ppbv  
RT: 8.911 min Scan# 2726  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



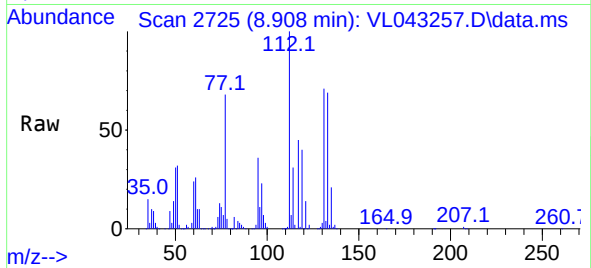
Tgt Ion:131 Resp: 176606  
Ion Ratio Lower Upper  
131 100  
133 97.5 77.4 116.2  
119 59.3 49.1 73.7





#57  
Chlorobenzene  
Concen: 10.333 ppbv  
RT: 8.908 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

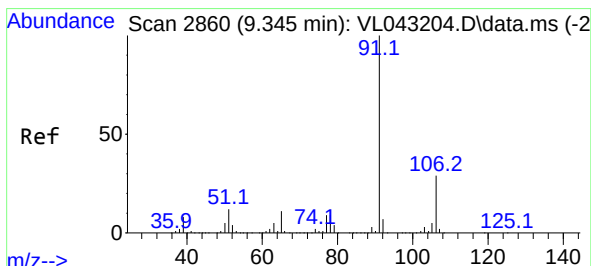
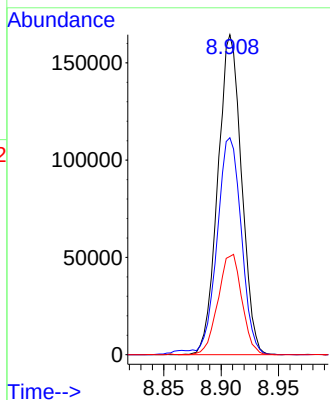
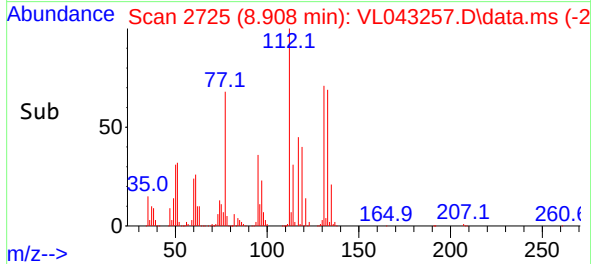
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



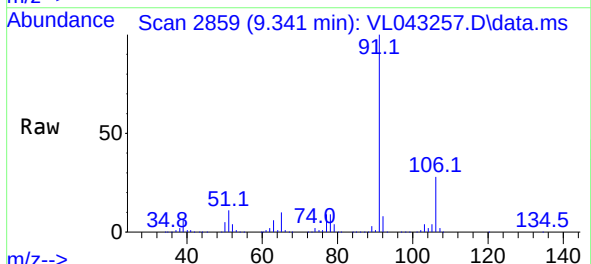
Tgt Ion:112 Resp: 23634  
Ion Ratio Lower Upper  
112 100  
77 67.8 55.5 83.3  
114 30.7 29.1 35.5

Manual Integrations  
APPROVED

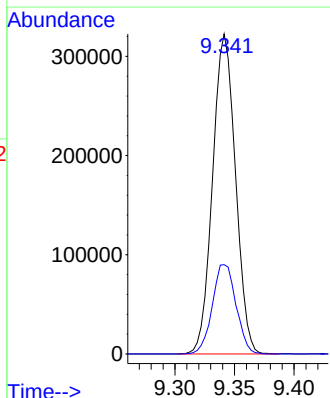
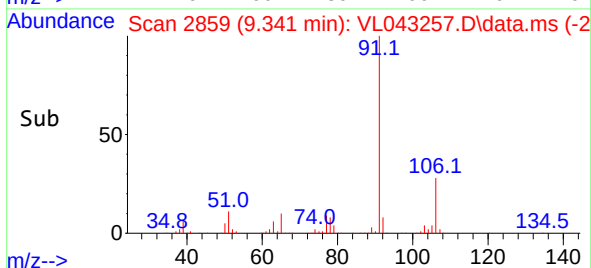
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



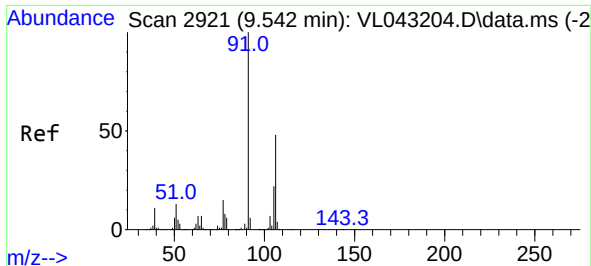
#58  
Ethyl Benzene  
Concen: 10.037 ppbv  
RT: 9.341 min Scan# 2859  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion: 91 Resp: 430385  
Ion Ratio Lower Upper  
91 100  
106 27.9 22.8 34.2







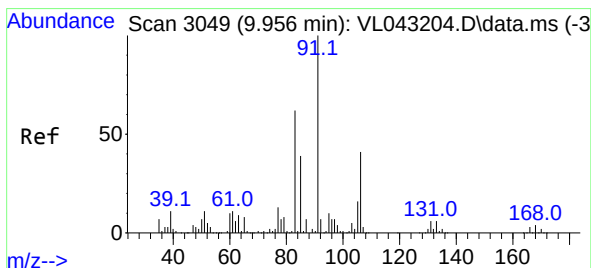
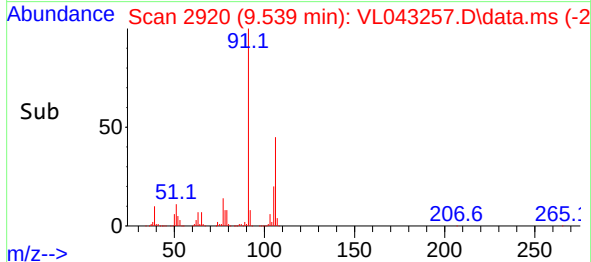
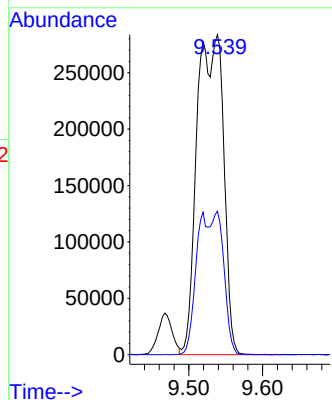
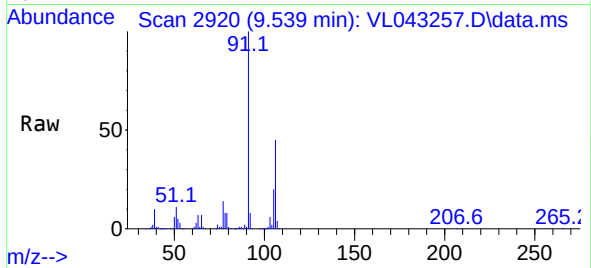
#59  
m/p-Xylene  
Concen: 20.635 ppbv m  
RT: 9.539 min Scan# 2921  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 91 Resp: 709378  
Ion Ratio Lower Upper  
91 100  
106 44.3 36.1 54.1

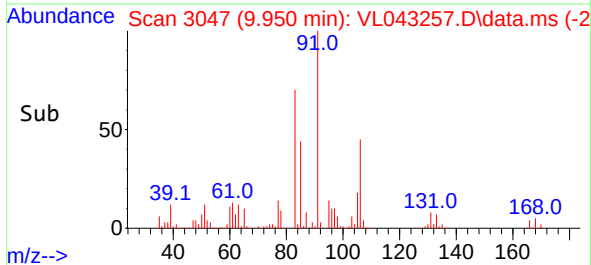
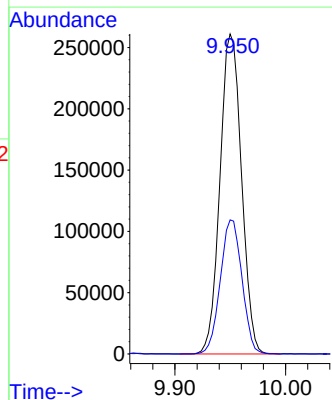
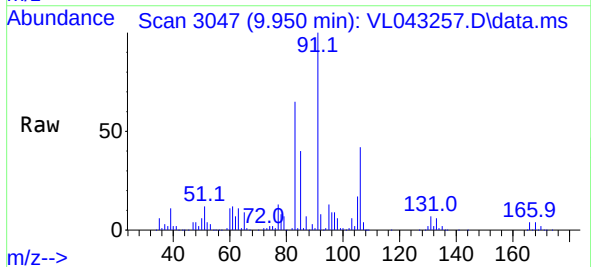
Manual Integrations  
APPROVED

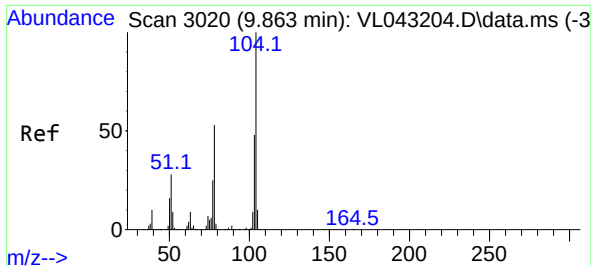
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#60  
o-Xylene  
Concen: 10.284 ppbv  
RT: 9.950 min Scan# 3047  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion: 91 Resp: 353166  
Ion Ratio Lower Upper  
91 100  
106 42.1 20.9 62.8





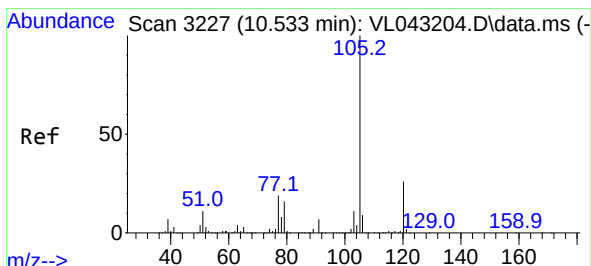
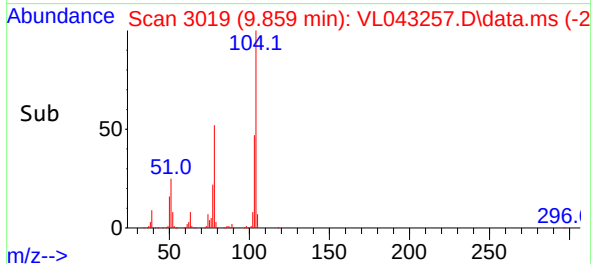
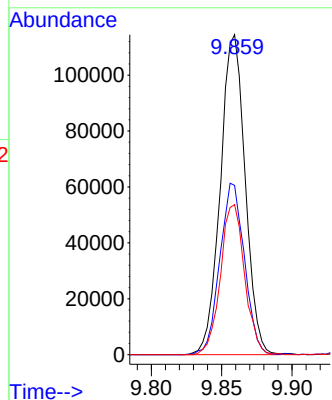
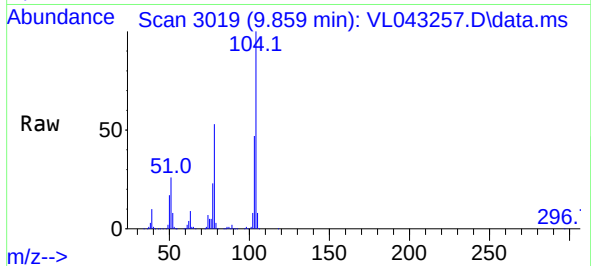
#61  
Styrene  
Concen: 9.353 ppbv  
RT: 9.859 min Scan# 3020  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion:104 Resp: 140574  
Ion Ratio Lower Upper  
104 100  
78 53.2 42.1 63.1  
103 45.7 37.2 55.8

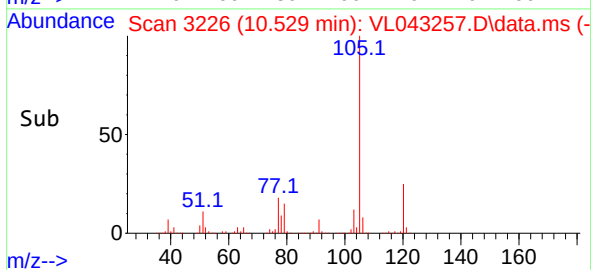
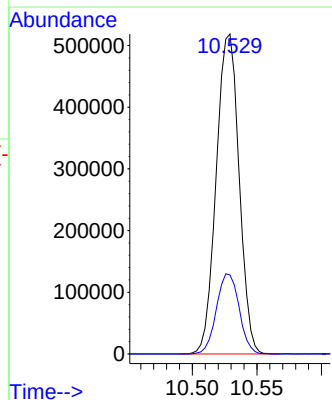
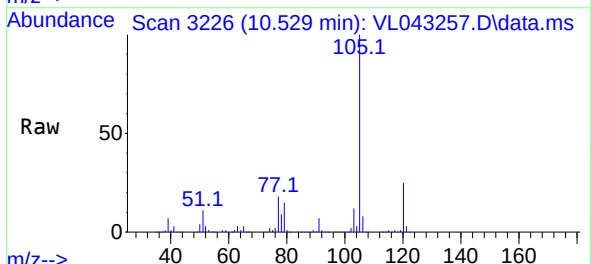
Manual Integrations  
APPROVED

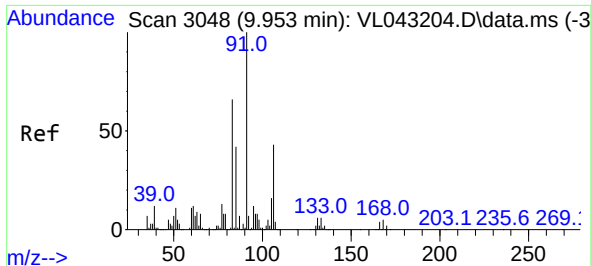
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#62  
Isopropylbenzene  
Concen: 10.379 ppbv  
RT: 10.529 min Scan# 3226  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

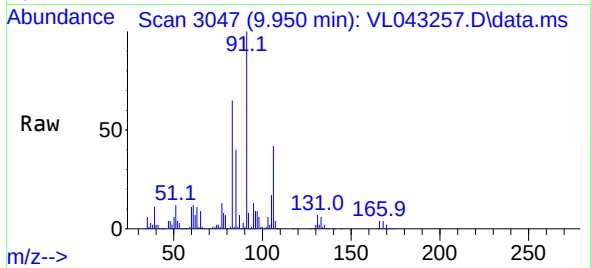
Tgt Ion:105 Resp: 637682  
Ion Ratio Lower Upper  
105 100  
120 24.9 19.8 29.8





#63  
1,1,2,2-Tetrachloroethane  
Concen: 9.817 ppbv  
RT: 9.950 min Scan# 3048  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

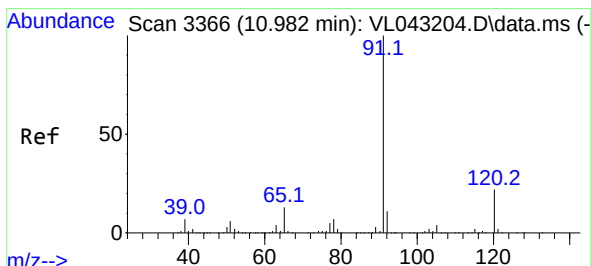
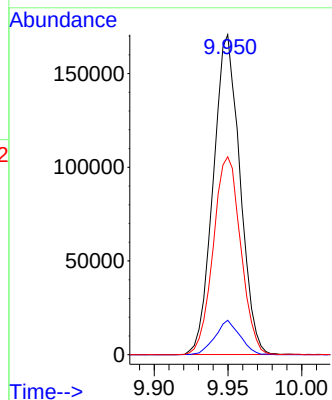
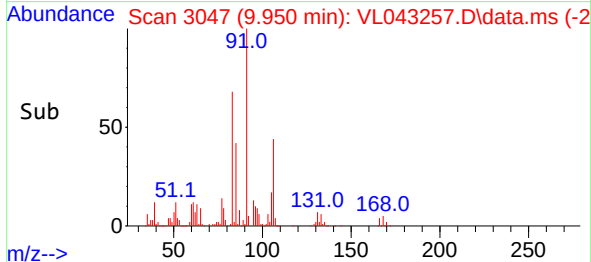
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



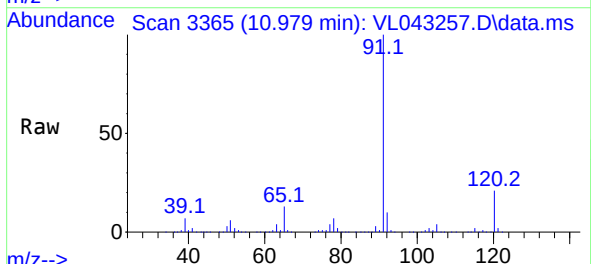
Tgt Ion: 83 Resp: 21452  
Ion Ratio Lower Upper  
83 100  
131 10.0 4.8 14.3  
85 63.9 31.9 95.9

Manual Integrations  
APPROVED

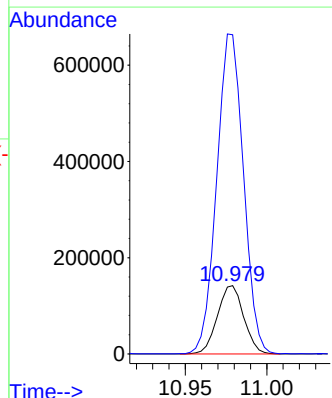
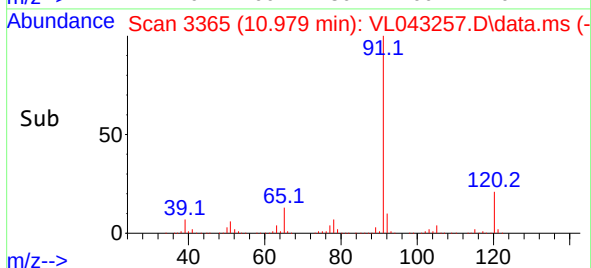
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

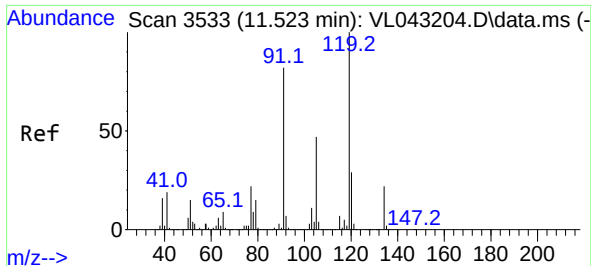


#64  
n-propylbenzene  
Concen: 10.052 ppbv  
RT: 10.979 min Scan# 3365  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion:120 Resp: 158685  
Ion Ratio Lower Upper  
120 100  
91 479.0 377.1 565.7





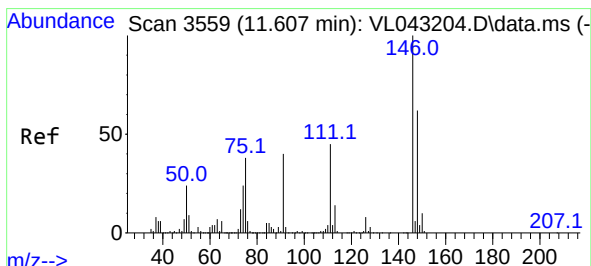
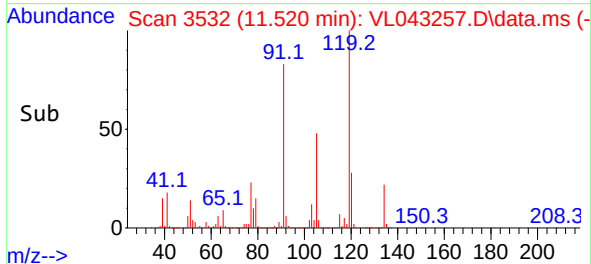
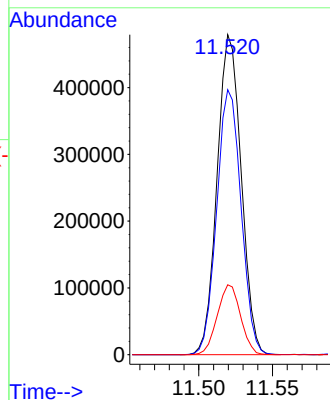
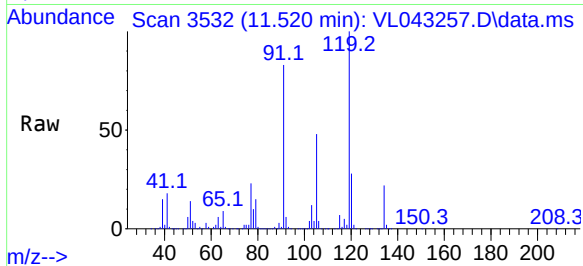
#65  
tert-Butylbenzene  
Concen: 9.932 ppbv  
RT: 11.520 min Scan# 3533  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion:119 Resp: 544958  
Ion Ratio Lower Upper  
119 100  
91 83.7 65.3 97.9  
134 21.1 17.0 25.4

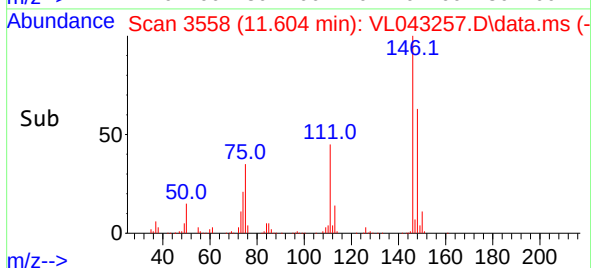
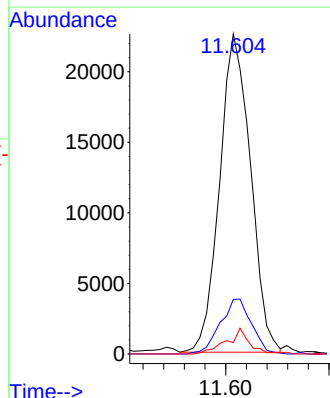
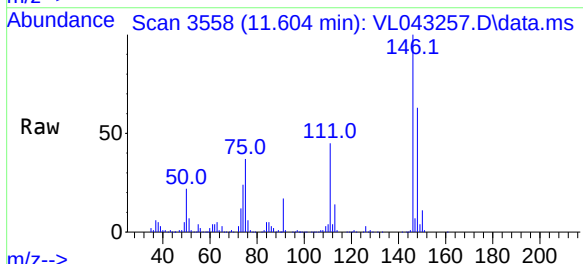
Manual Integrations  
APPROVED

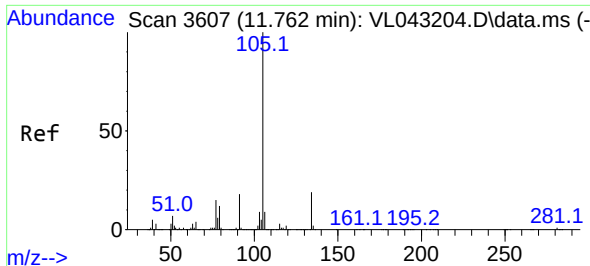
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#66  
Benzyl Chloride  
Concen: 4.210 ppbv  
RT: 11.604 min Scan# 3558  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

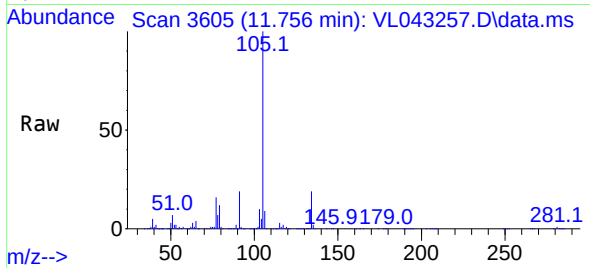
Tgt Ion: 91 Resp: 23441  
Ion Ratio Lower Upper  
91 100  
126 17.5 14.4 21.6  
128 6.0 4.6 6.8





#67  
sec-Butylbenzene  
Concen: 9.982 ppbv  
RT: 11.756 min Scan# 30  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

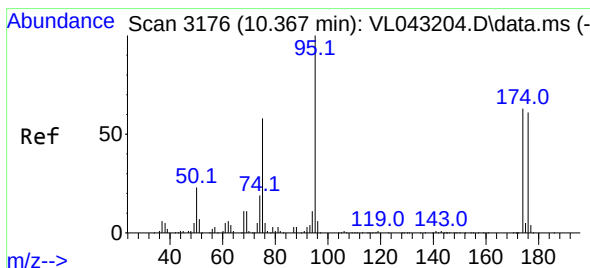
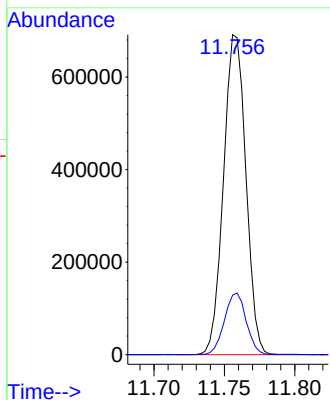
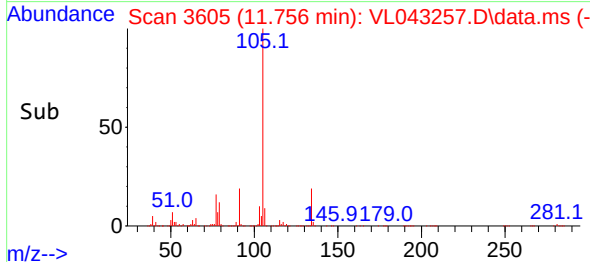
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



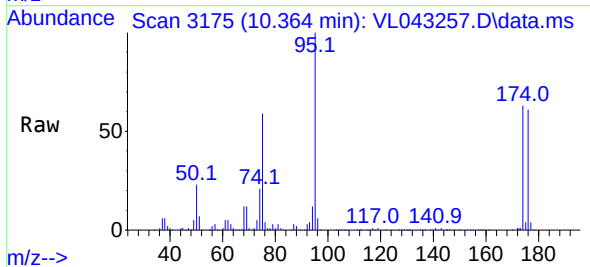
Tgt Ion:105 Resp: 76452  
Ion Ratio Lower Upper  
105 100  
134 18.8 15.0 22.6

Manual Integrations  
APPROVED

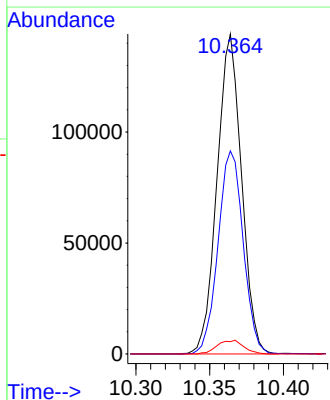
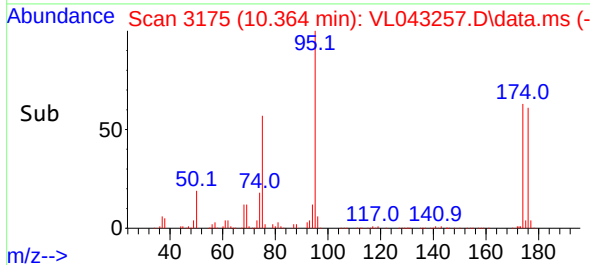
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

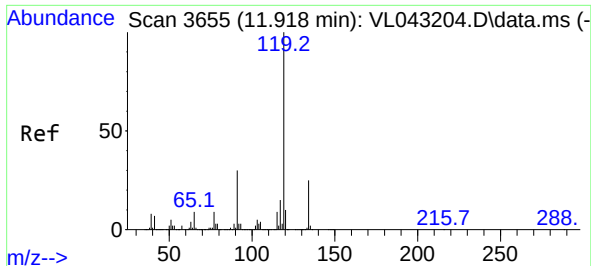


#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.198 ppbv  
RT: 10.364 min Scan# 3175  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



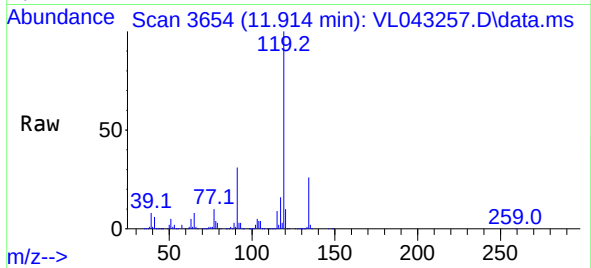
Tgt Ion: 95 Resp: 166532  
Ion Ratio Lower Upper  
95 100  
174 65.2 50.2 75.2  
175 4.6 4.1 6.1





#69  
p-Isopropyltoluene  
Concen: 9.886 ppbv  
RT: 11.914 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

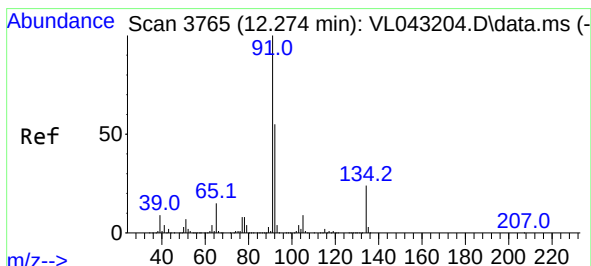
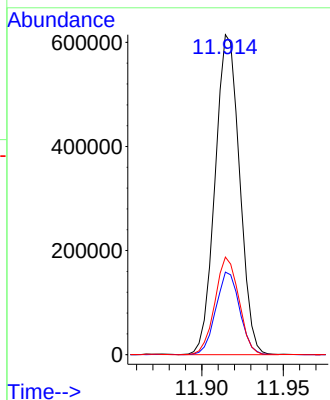
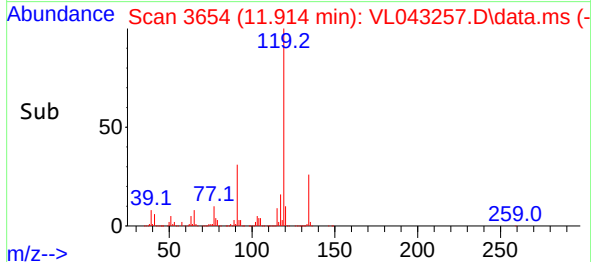
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



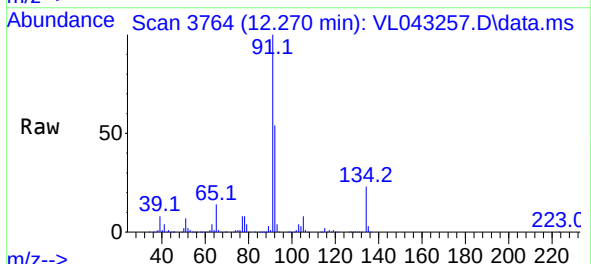
Tgt Ion:119 Resp: 641411  
Ion Ratio Lower Upper  
119 100  
134 25.2 20.2 30.2  
91 30.0 23.8 35.8

Manual Integrations  
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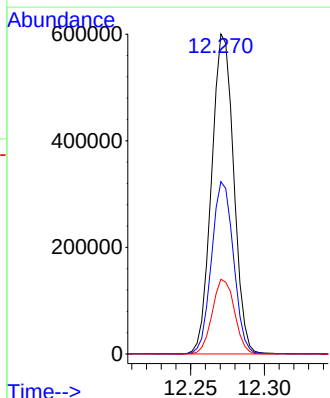
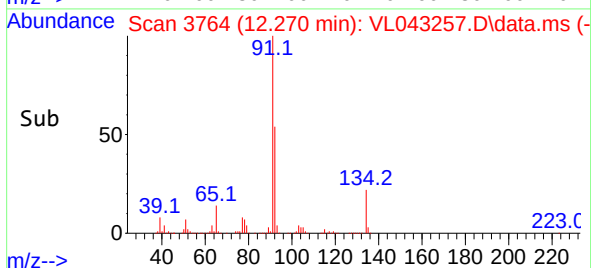
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

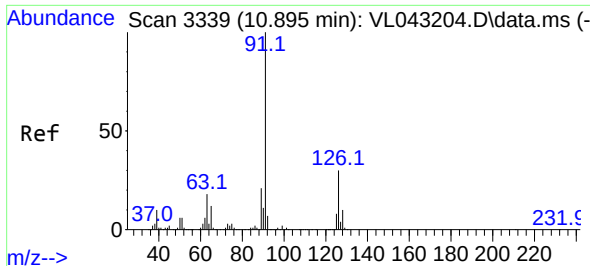


#70  
n-Butylbenzene  
Concen: 9.948 ppbv  
RT: 12.270 min Scan# 3764  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



Tgt Ion: 91 Resp: 626151  
Ion Ratio Lower Upper  
91 100  
92 53.4 43.5 65.3  
134 23.5 19.0 28.6





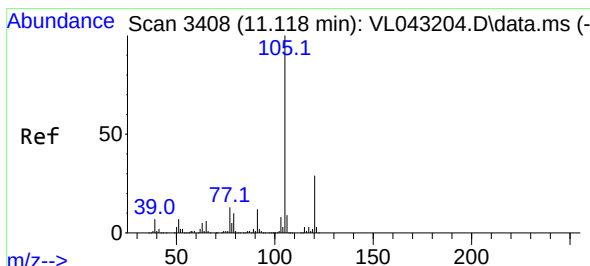
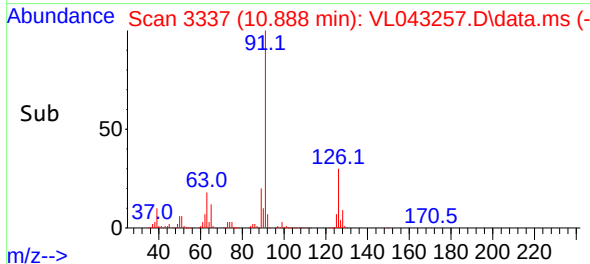
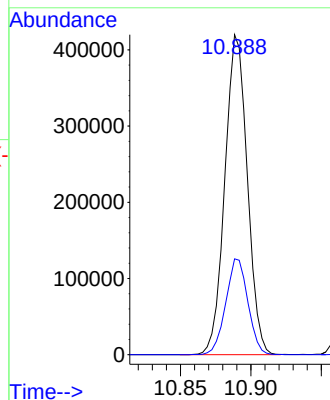
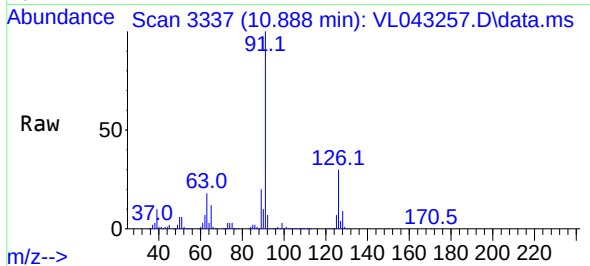
#71  
2-Chlorotoluene  
Concen: 9.875 ppbv  
RT: 10.888 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion: 91 Resp: 46635  
Ion Ratio Lower Upper  
91 100  
126 29.5 11.7 46.7

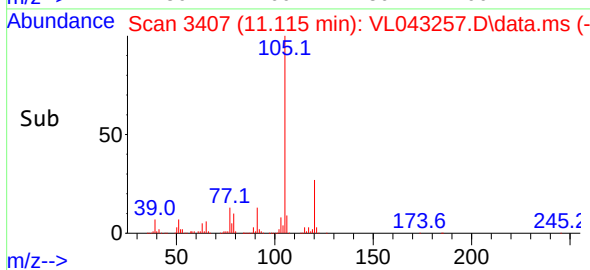
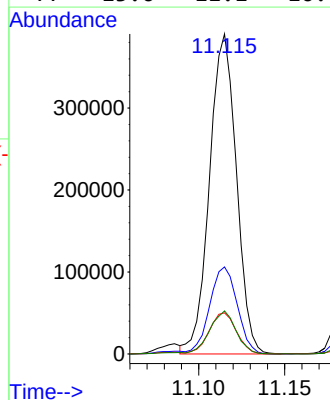
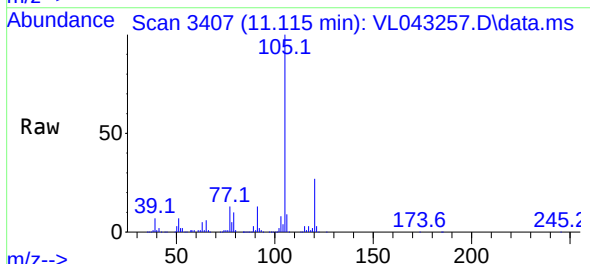
Manual Integrations  
APPROVED

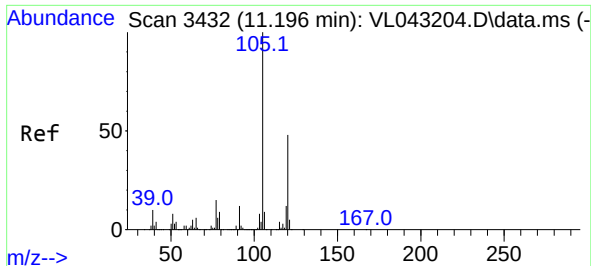
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#72  
4-Ethyltoluene  
Concen: 10.147 ppbv  
RT: 11.115 min Scan# 3407  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion:105 Resp: 424355  
Ion Ratio Lower Upper  
105 100  
120 28.7 23.8 35.8  
91 13.9 10.3 15.5  
77 13.6 11.1 16.7





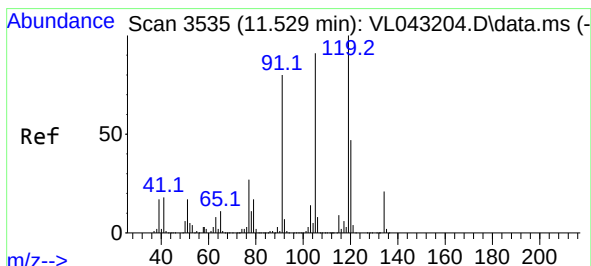
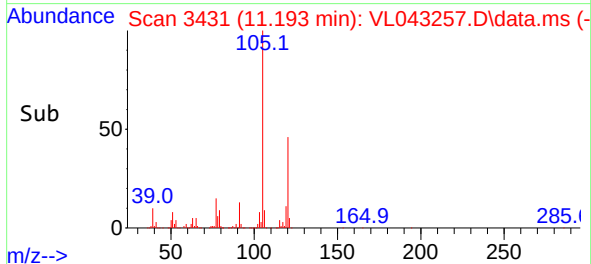
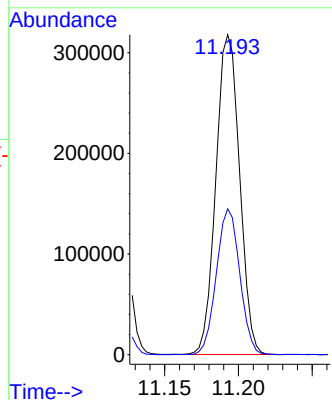
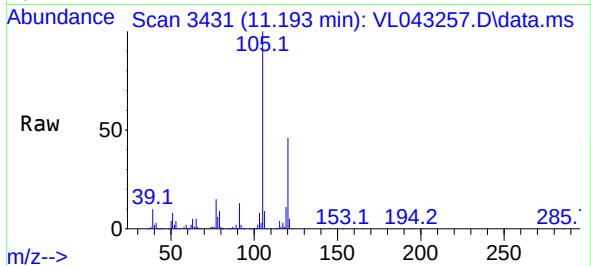
#73  
1,3,5-Trimethylbenzene  
Concen: 10.119 ppbv  
RT: 11.193 min Scan# 3432  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion:105 Resp: 355138  
Ion Ratio Lower Upper  
105 100  
120 45.6 38.6 57.8

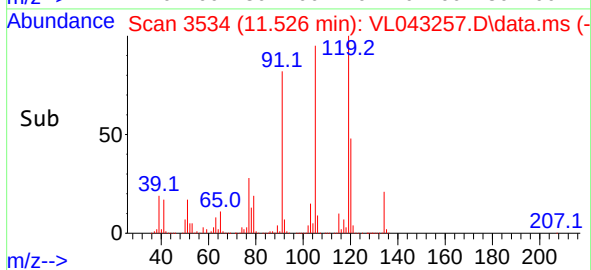
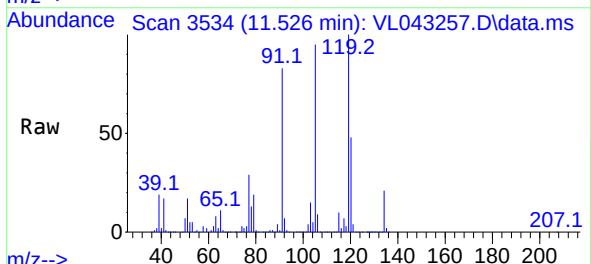
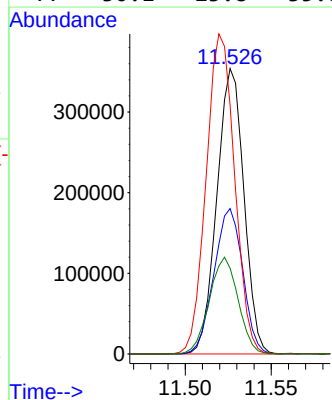
Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

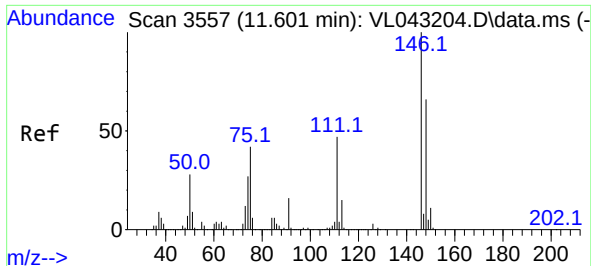


#74  
1,2,4-Trimethylbenzene  
Concen: 10.095 ppbv  
RT: 11.526 min Scan# 3534  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Tgt Ion:105 Resp: 386671  
Ion Ratio Lower Upper  
105 100  
120 51.0 41.7 62.5  
91 87.0 70.0 105.0  
77 30.1 23.8 35.8







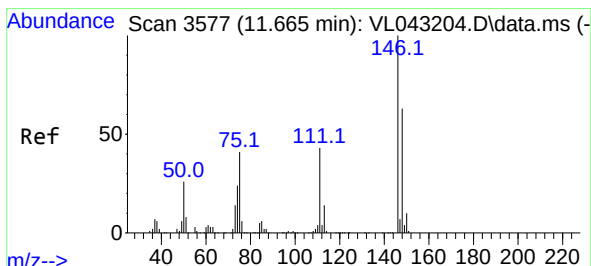
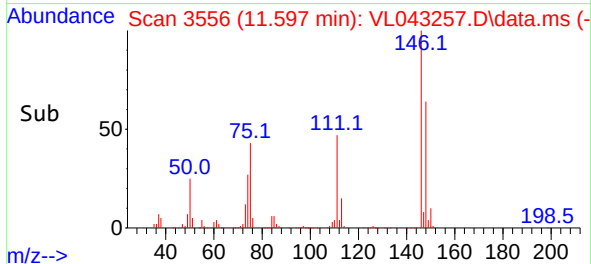
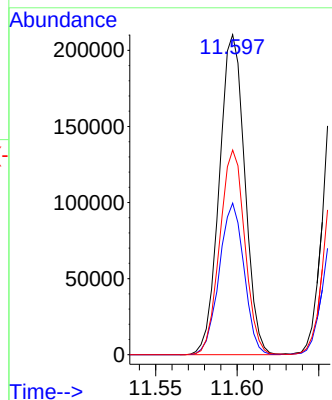
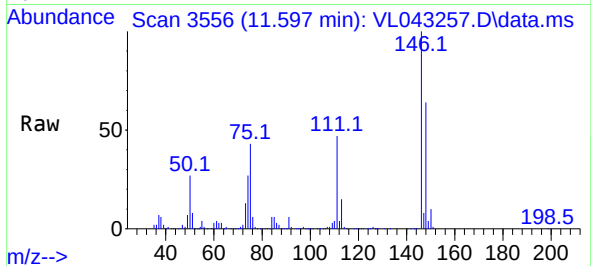
#75  
1,3-Dichlorobenzene  
Concen: 10.196 ppbv  
RT: 11.597 min Scan# 3556  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010

Tgt Ion:146 Resp: 227890  
Ion Ratio Lower Upper  
146 100  
111 46.2 23.4 70.3  
148 63.1 31.6 95.0

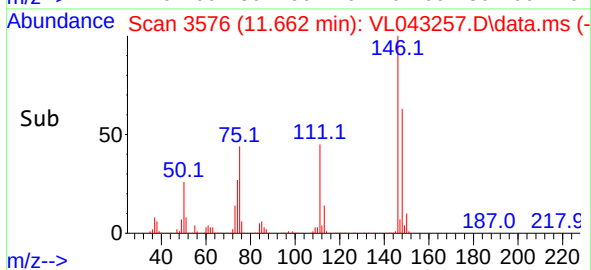
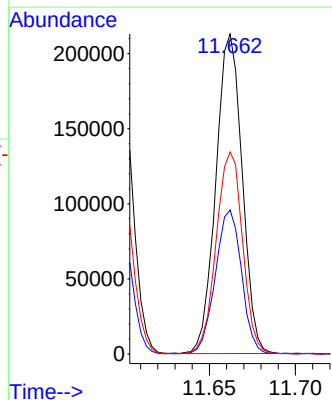
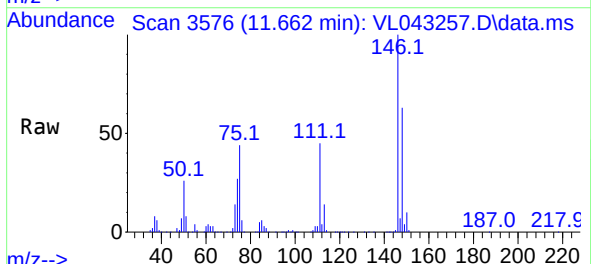
Manual Integrations  
APPROVED

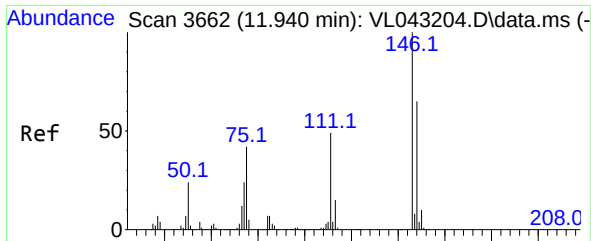
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025



#76  
1,4-Dichlorobenzene  
Concen: 10.117 ppbv  
RT: 11.662 min Scan# 3576  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

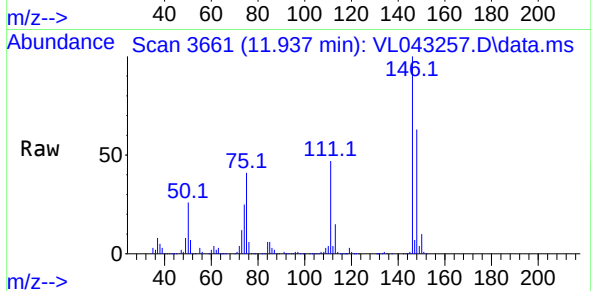
Tgt Ion:146 Resp: 226164  
Ion Ratio Lower Upper  
146 100  
111 45.1 22.8 68.3  
148 63.7 31.8 95.4





#77  
1,2-Dichlorobenzene  
Concen: 10.032 ppbv  
RT: 11.937 min Scan# 3661  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

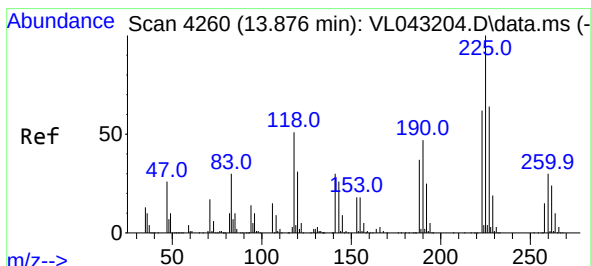
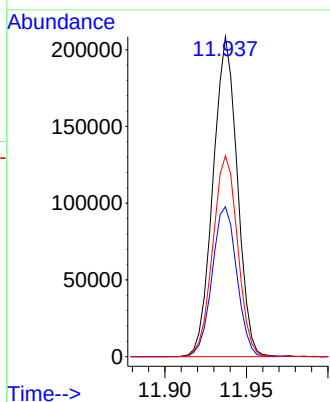
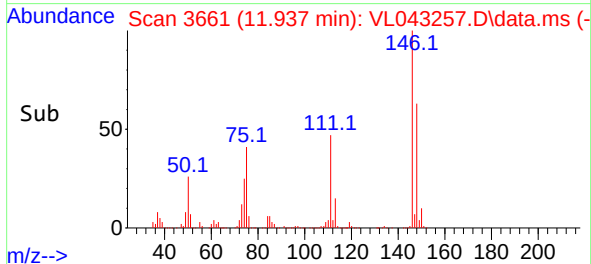
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



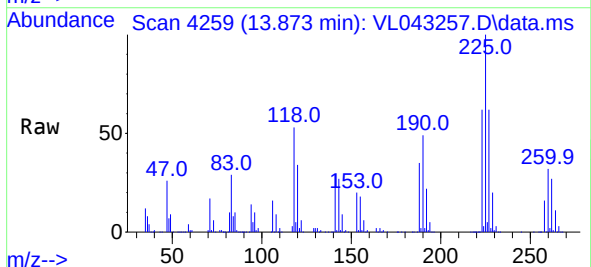
Tgt Ion:146 Resp: 215578  
Ion Ratio Lower Upper  
146 100  
111 47.8 24.3 73.0  
148 64.4 31.6 94.7

Manual Integrations  
APPROVED

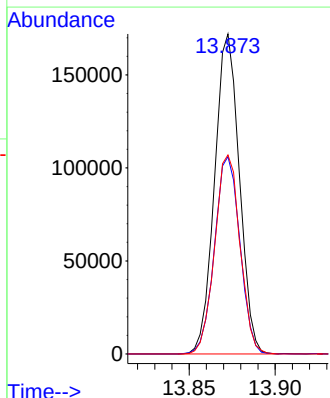
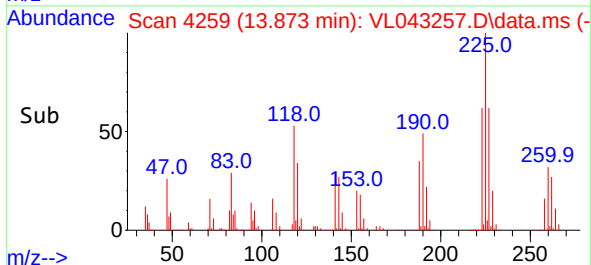
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

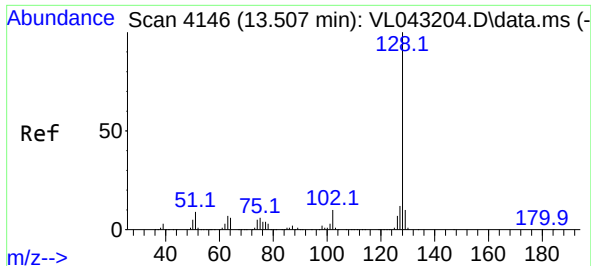


#78  
Hexachloro-1,3-Butadiene  
Concen: 9.604 ppbv  
RT: 13.873 min Scan# 4259  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



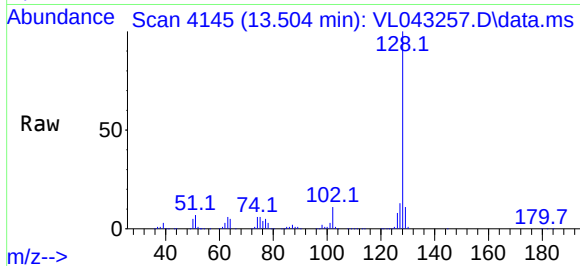
Tgt Ion:225 Resp: 172235  
Ion Ratio Lower Upper  
225 100  
223 63.0 50.2 75.4  
227 63.5 51.1 76.7





#79  
Naphthalene  
Concen: 9.536 ppbv  
RT: 13.504 min Scan# 4146  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14

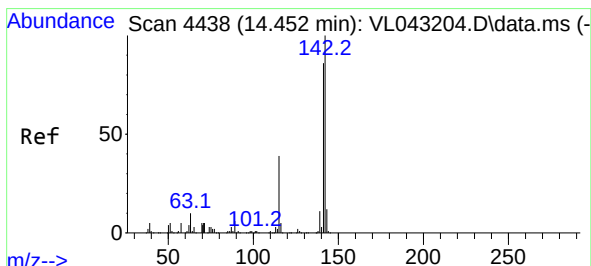
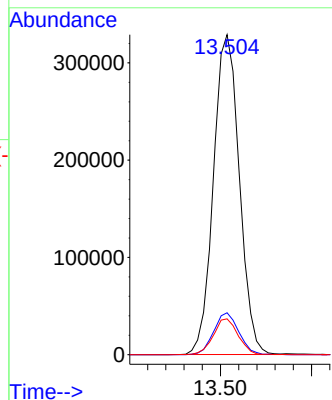
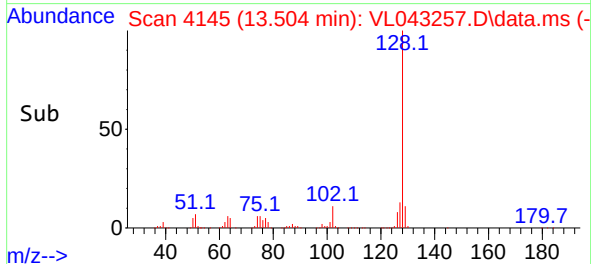
Instrument :  
MSVOA\_L  
ClientSampleId :  
VSTDCCC010



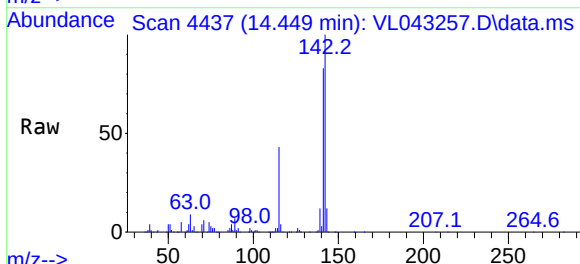
Tgt Ion:128 Resp: 32439  
Ion Ratio Lower Upper  
128 100  
127 13.1 9.9 14.9  
129 11.2 8.4 12.6

Manual Integrations  
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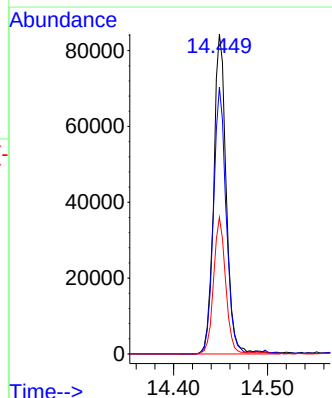
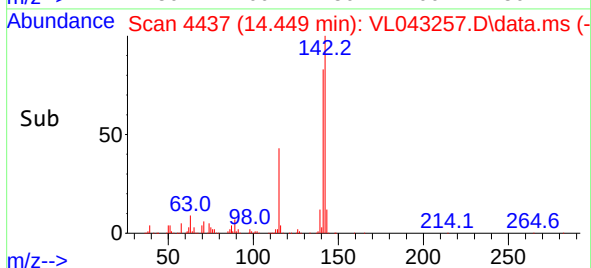
Reviewed By :Semsettin Yesilyurt 11/21/2025  
Supervised By :Mahesh Dadoda 11/21/2025

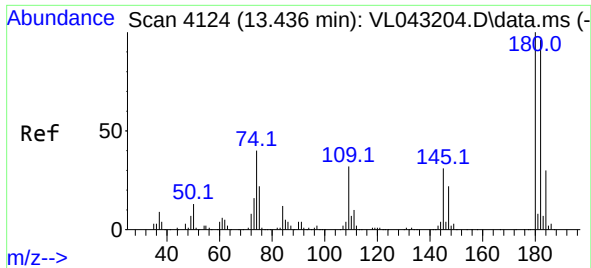


#80  
Naphthalene,2-methyl-  
Concen: 8.806 ppbv  
RT: 14.449 min Scan# 4437  
Delta R.T. -0.003 min  
Lab File: VL043257.D  
Acq: 20 Nov 2025 10:14



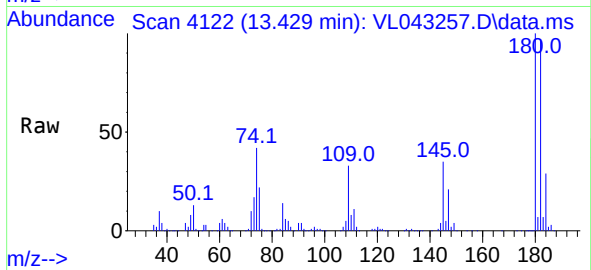
Tgt Ion:142 Resp: 78637  
Ion Ratio Lower Upper  
142 100  
141 85.1 67.1 100.7  
115 41.6 31.9 47.9





#81  
 1,2,4-Trichlorobenzene  
 Concen: 10.564 ppbv  
 RT: 13.429 min Scan# 41  
 Delta R.T. -0.007 min  
 Lab File: VL043257.D  
 Acq: 20 Nov 2025 10:14

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDCCC010



Tgt Ion:180 Resp: 160725  
 Ion Ratio Lower Upper  
 180 100  
 182 97.8 77.4 116.2  
 184 31.2 24.2 36.4

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025  
 Supervised By :Mahesh Dadoda 11/21/2025

