

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072525\  
 Data File : VX047144.D  
 Acq On : 25 Jul 2025 16:01  
 Operator : JC/MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC050

Quant Time: Jul 26 04:44:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X072525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jul 26 04:39:21 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2025  
 Supervised By : Mahesh Dadoda 07/28/2025

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Bromochloromethane        | 4.909  | 128   | 40152m   | 30.000   | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769  | 114   | 325982   | 30.000   | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 289461   | 30.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.970  | 65    | 134300   | 26.484   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | =      | 88.267%# |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 141386   | 29.976   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | =      | 99.933%  |
| 63) Toluene-d8               | 8.652  | 98    | 378028   | 29.984   | ug/l   | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | =      | 99.933%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.184  | 85    | 203272   | 44.482   | ug/l   | 99       |
| 3) Chloromethane             | 1.312  | 50    | 180249   | 43.889   | ug/l   | 94       |
| 4) Vinyl Chloride            | 1.392  | 62    | 215653   | 43.851   | ug/l   | 98       |
| 5) Bromomethane              | 1.629  | 94    | 86316    | 43.415   | ug/l   | 98       |
| 6) Chloroethane              | 1.709  | 64    | 121755   | 43.863   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 1.910  | 101   | 298492   | 44.676   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.148  | 74    | 105959   | 43.452   | ug/l   | 93       |
| 9) 1,1,2-Trichlorotrifluo... | 2.349  | 101   | 174481   | 43.945   | ug/l   | 93       |
| 10) 1,1-Dichloroethene       | 2.337  | 96    | 173807   | 42.788   | ug/l   | 89       |
| 11) Methyl Iodide            | 2.471  | 142   | 275090   | 43.878   | ug/l # | 96       |
| 12) Methyl Acetate           | 2.715  | 43    | 219929   | 43.499   | ug/l   | 100      |
| 13) Acrolein                 | 2.251  | 56    | 136603   | 202.029  | ug/l   | 100      |
| 14) Acrylonitrile            | 3.080  | 53    | 445761   | 213.625  | ug/l   | 97       |
| 15) Acetone                  | 2.391  | 58    | 106738   | 208.370  | ug/l   | 96       |
| 16) Carbon Disulfide         | 2.532  | 76    | 487839   | 41.427   | ug/l   | 100      |
| 17) Allyl chloride           | 2.684  | 41    | 300218   | 43.261   | ug/l   | 99       |
| 18) Methylene Chloride       | 2.806  | 84    | 190635   | 43.484   | ug/l   | 93       |
| 19) trans-1,2-Dichloroethene | 3.111  | 96    | 182454   | 43.860   | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.775  | 45    | 648845   | 43.725   | ug/l   | 94       |
| 21) 1,1-Dichloroethane       | 3.629  | 63    | 349733   | 43.302   | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 4.507  | 96    | 215088   | 42.343   | ug/l   | 99       |
| 23) tert-Butyl Alcohol       | 2.958  | 59    | 124524   | 214.955  | ug/l   | 100      |
| 24) Methyl tert-Butyl Ether  | 3.129  | 73    | 586481   | 43.106   | ug/l   | 100      |
| 25) Chloroform               | 5.110  | 83    | 343526   | 43.201   | ug/l   | 96       |
| 26) Cyclohexane              | 5.488  | 56    | 320794   | 40.905   | ug/l # | 99       |
| 29) 1,1-Dichloropropene      | 5.708  | 75    | 249018   | 49.047   | ug/l   | 98       |
| 30) 2-Butanone               | 4.568  | 43    | 590440   | 246.210  | ug/l   | 99       |
| 31) 2,2-Dichloropropane      | 4.489  | 77    | 265734   | 48.746   | ug/l # | 89       |
| 32) 1,1,1-Trichloroethane    | 5.403  | 97    | 310230   | 49.344   | ug/l # | 79       |
| 33) Carbon Tetrachloride     | 5.696  | 117   | 216538m  | 48.676   | ug/l   |          |
| 34) Benzene                  | 6.049  | 78    | 740706   | 49.416   | ug/l   | 99       |
| 35) Methacrylonitrile        | 4.934  | 41    | 127728   | 49.270   | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 6.098  | 62    | 263859   | 49.018   | ug/l   | 99       |
| 37) Trichloroethene          | 7.134  | 130   | 184951   | 49.030   | ug/l   | 100      |
| 38) Methylcyclohexane        | 7.391  | 83    | 318686   | 48.688   | ug/l   | 99       |
| 39) 1,2-Dichloropropane      | 7.439  | 63    | 190687m  | 49.622   | ug/l   |          |
| 40) Dibromomethane           | 7.586  | 93    | 133177   | 49.682   | ug/l   | 94       |
| 41) Bromodichloromethane     | 7.823  | 83    | 275029   | 49.030   | ug/l # | 91       |
| 42) Vinyl Acetate            | 3.733  | 43    | 2743477  | 248.856  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072525\  
 Data File : VX047144.D  
 Acq On : 25 Jul 2025 16:01  
 Operator : JC/MD  
 Sample : VSTDICC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC050

Quant Time: Jul 26 04:44:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X072525W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Sat Jul 26 04:39:21 2025  
 Response via : Initial Calibration

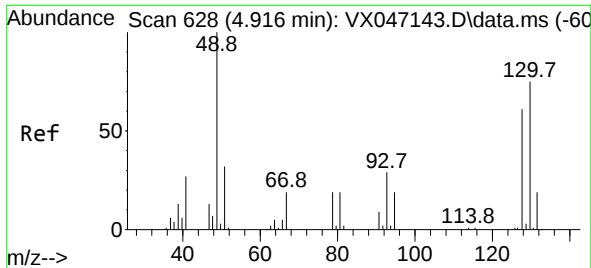
### Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2025  
 Supervised By : Mahesh Dadoda 07/28/2025

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 43) Ethyl Acetate             | 4.726  | 43   | 267282m  | 48.880   | ug/l   |          |
| 44) Isopropyl Acetate         | 6.348  | 43   | 423642   | 49.240   | ug/l   | 97       |
| 45) 1,4-Dioxane               | 7.720  | 88   | 55806    | 1037.859 | ug/l # | 80       |
| 46) Methyl methacrylate       | 7.695  | 41   | 216175   | 48.965   | ug/l   | 91       |
| 47) n-amyl Acetate            | 10.841 | 43   | 378817   | 50.356   | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 267150   | 49.275   | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 8.372  | 75   | 290751   | 49.027   | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 9.152  | 97   | 173122   | 48.564   | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 289631   | 49.835   | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 300922   | 48.658   | ug/l   | 99       |
| 53) Dibromochloromethane      | 9.524  | 129  | 56567m   | 43.206   | ug/l   |          |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 183121   | 49.068   | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 729049   | 257.251  | ug/l   | 100      |
| 56) Bromoform                 | 10.792 | 173  | 1672m    | 31.518   | ug/l   |          |
| 58) 4-Methyl-2-Pentanone      | 8.573  | 43   | 1257407  | 248.965  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 877641   | 245.648  | ug/l   | 99       |
| 61) Tetrachloroethene         | 9.274  | 164  | 152539   | 48.127   | ug/l   | 99       |
| 62) Toluene                   | 8.720  | 91   | 783616   | 48.410   | ug/l   | 98       |
| 64) Chlorobenzene             | 10.079 | 112  | 500633   | 48.231   | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 10.164 | 131  | 171392   | 52.228   | ug/l   | 92       |
| 66) Ethyl Benzene             | 10.195 | 91   | 896851   | 48.423   | ug/l   | 98       |
| 67) m/p-Xylenes               | 10.305 | 106  | 671639   | 97.854   | ug/l   | 99       |
| 68) o-Xylene                  | 10.640 | 106  | 320382   | 48.400   | ug/l   | 99       |
| 69) Styrene                   | 10.652 | 104  | 552093   | 48.630   | ug/l   | 100      |
| 70) Isopropylbenzene          | 10.963 | 105  | 861214   | 48.845   | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 254943   | 48.740   | ug/l   | 98       |
| 72) 1,2,3-Trichloropropane    | 11.237 | 75   | 196921m  | 48.879   | ug/l   |          |
| 73) Bromobenzene              | 11.195 | 156  | 202579   | 48.006   | ug/l   | 98       |
| 74) n-propylbenzene           | 11.304 | 91   | 1021277  | 48.246   | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.365 | 91   | 601873   | 48.046   | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 696653   | 48.023   | ug/l   | 98       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 23845    | 39.997   | ug/l   | 87       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 697697   | 48.302   | ug/l   | 100      |
| 79) tert-butylbenzene         | 11.713 | 119  | 701152   | 48.296   | ug/l   | 99       |
| 80) 1,2,4-Trimethylbenzene    | 11.749 | 105  | 698550   | 48.549   | ug/l   | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 870654   | 48.054   | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 727062   | 48.293   | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 381557   | 48.394   | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 380717   | 48.722   | ug/l   | 98       |
| 85) n-Butylbenzene            | 12.329 | 91   | 686624   | 47.523   | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 66347    | 31.692   | ug/l   | 100      |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 358961   | 48.545   | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.938 | 75   | 53573    | 47.310   | ug/l   | 98       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 238909   | 46.729   | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 13.731 | 225  | 27146m   | 23.894   | ug/l   |          |
| 91) Naphthalene               | 13.774 | 128  | 803634   | 46.566   | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.956 | 180  | 230539   | 46.993   | ug/l   | 99       |

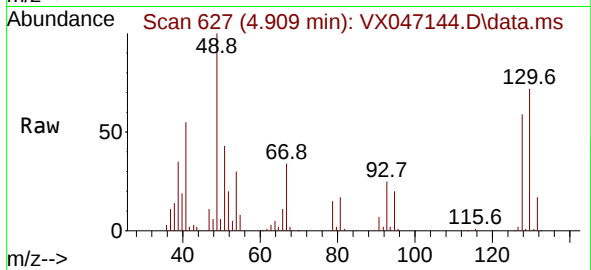
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Bromochloromethane  
Concen: 30.000 ug/l m  
RT: 4.909 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

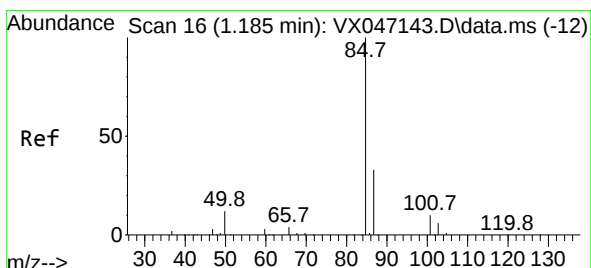
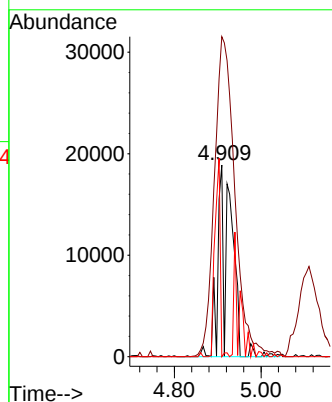
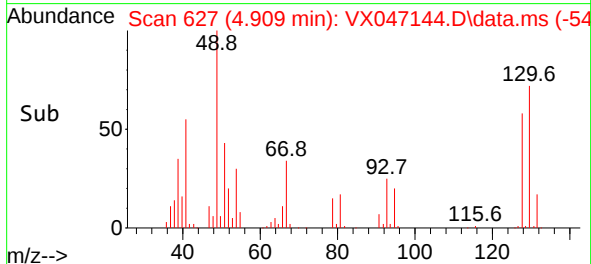
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



Tgt Ion:128 Resp: 40152  
Ion Ratio Lower Upper  
128 100  
49 0.0 0.0 0.0  
130 0.7 0.0 0.0

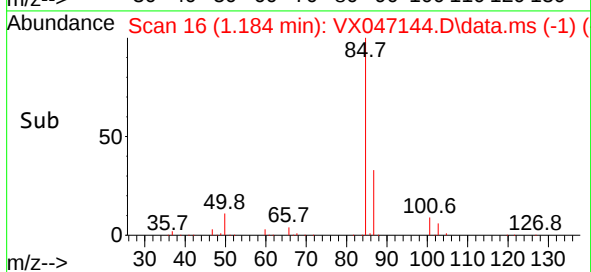
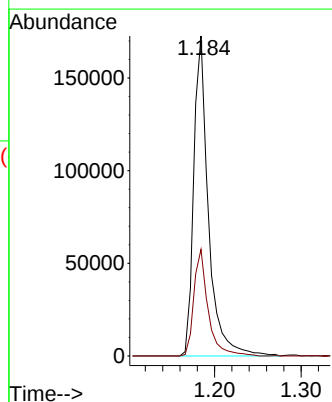
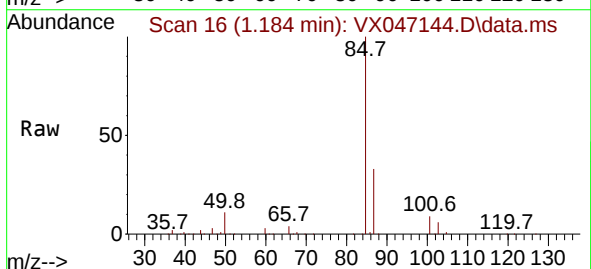
Manual Integrations  
APPROVED

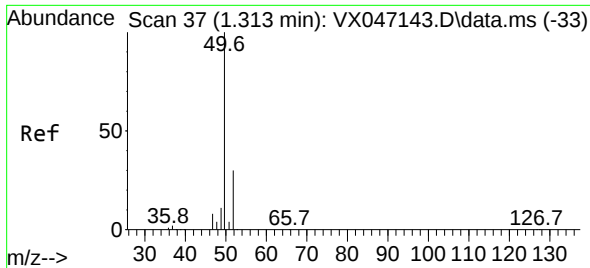
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#2  
Dichlorodifluoromethane  
Concen: 44.482 ug/l  
RT: 1.184 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

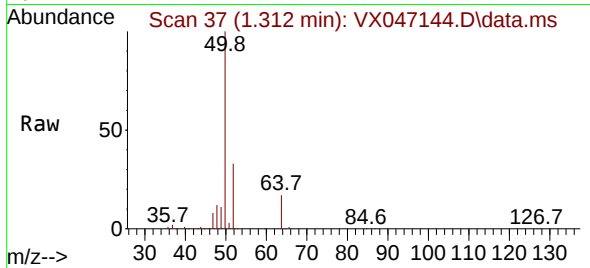
Tgt Ion: 85 Resp: 203272  
Ion Ratio Lower Upper  
85 100  
87 33.3 16.4 49.1





#3  
Chloromethane  
Concen: 43.889 ug/l  
RT: 1.312 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

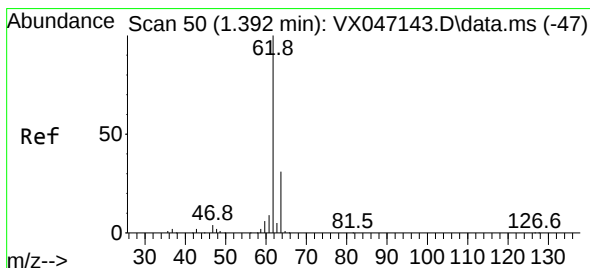
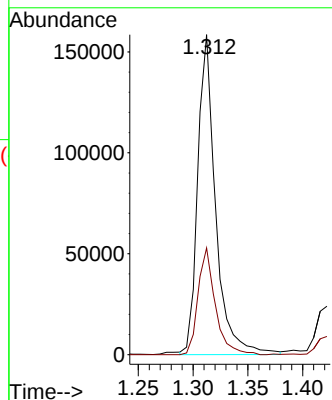
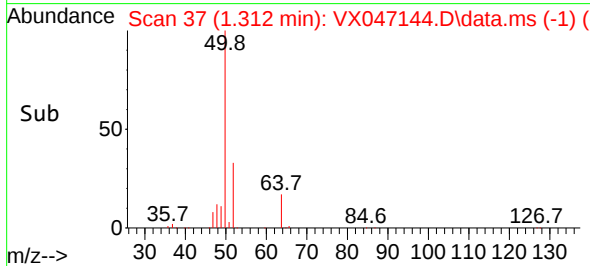
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



Tgt Ion: 50 Resp: 180249  
Ion Ratio Lower Upper  
50 100  
52 34.0 24.4 36.6

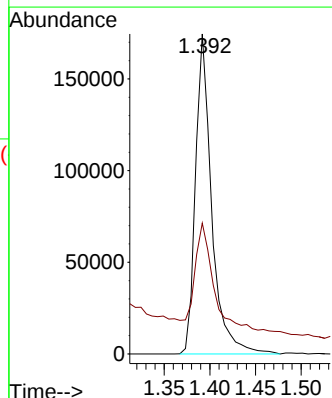
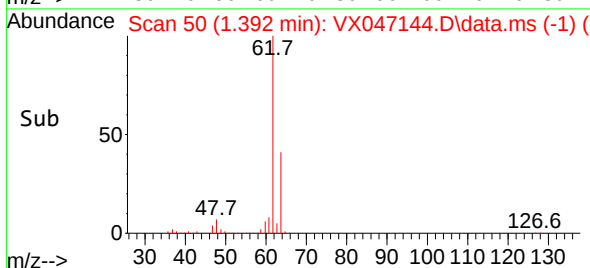
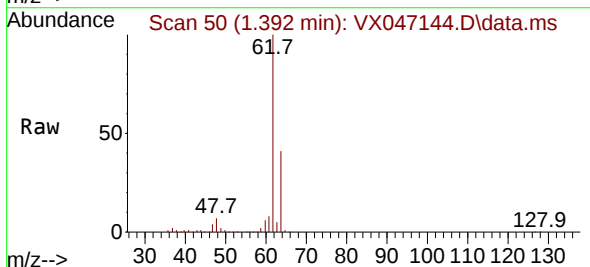
Manual Integrations  
APPROVED

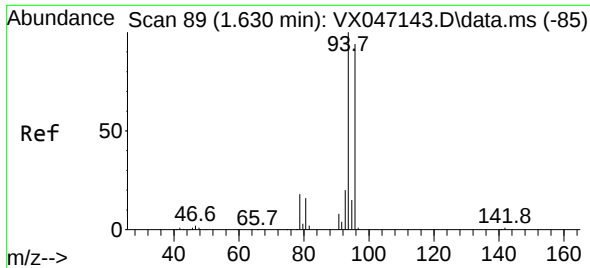
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#4  
Vinyl Chloride  
Concen: 43.851 ug/l  
RT: 1.392 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

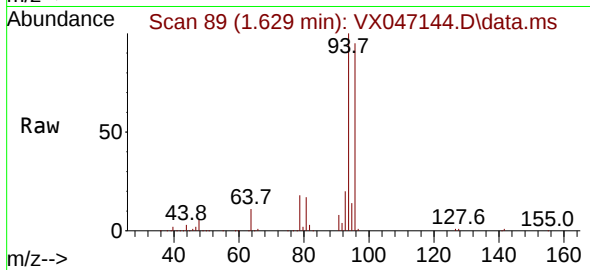
Tgt Ion: 62 Resp: 215653  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.7 38.5





#5  
Bromomethane  
Concen: 43.415 ug/l  
RT: 1.629 min Scan# 89  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

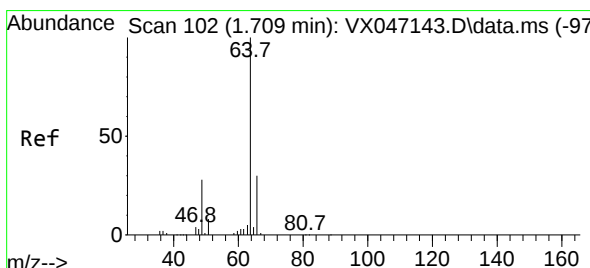
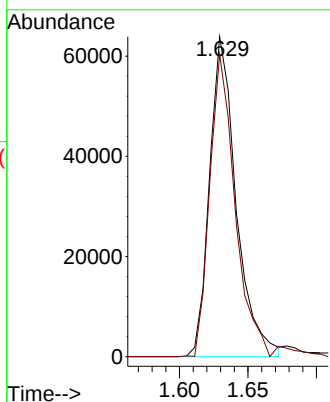
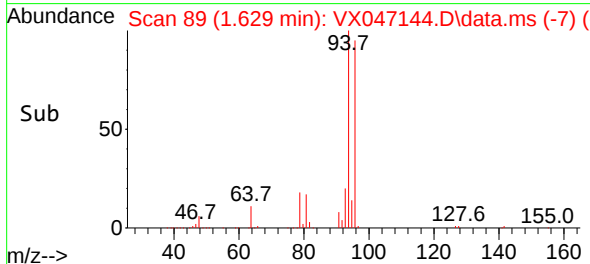
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



Tgt Ion: 94 Resp: 86310  
Ion Ratio Lower Upper  
94 100  
96 83.9 66.0 99.0

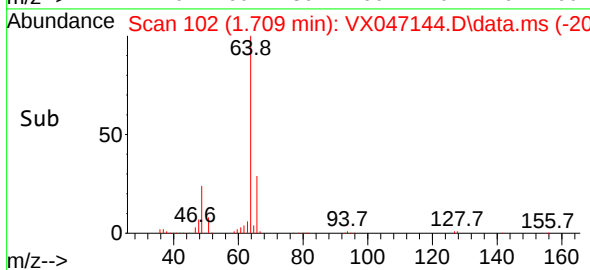
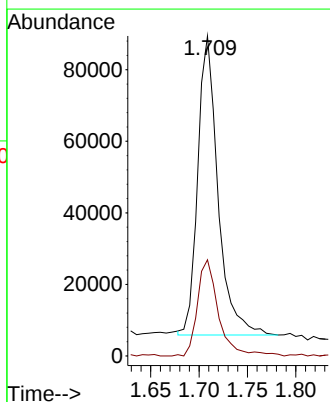
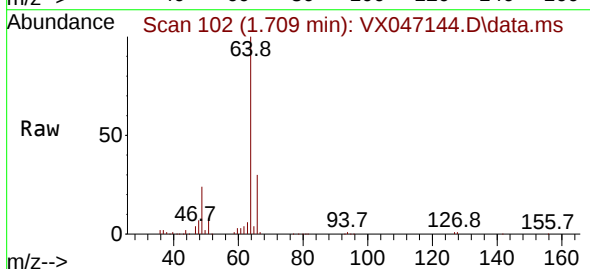
Manual Integrations  
APPROVED

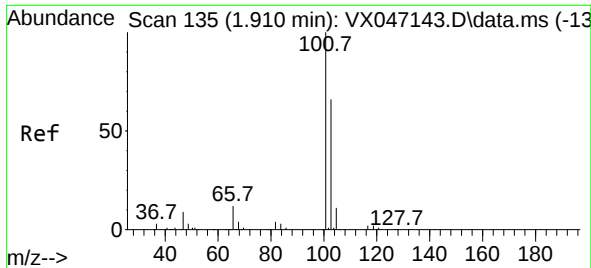
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#6  
Chloroethane  
Concen: 43.863 ug/l  
RT: 1.709 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

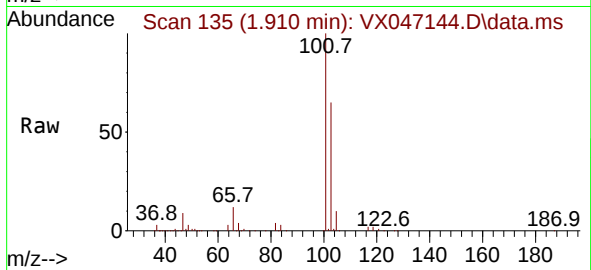
Tgt Ion: 64 Resp: 121755  
Ion Ratio Lower Upper  
64 100  
66 32.4 24.3 36.5





#7  
 Trichlorofluoromethane  
 Concen: 44.676 ug/l  
 RT: 1.910 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX047144.D  
 Acq: 25 Jul 2025 16:01

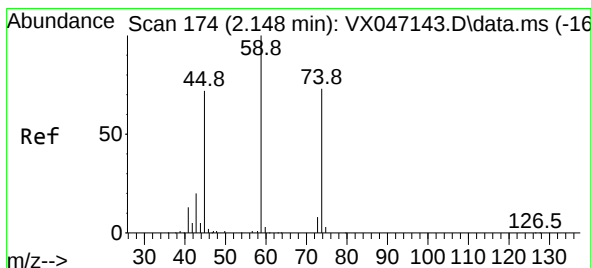
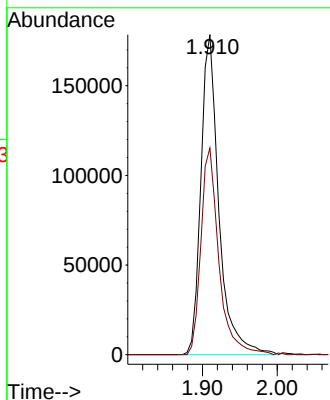
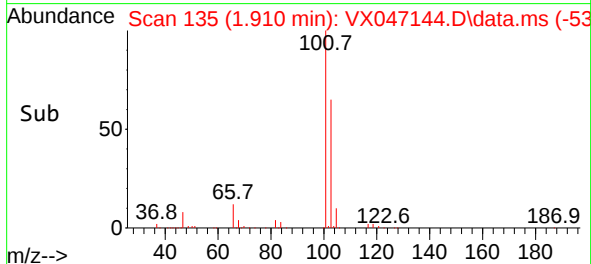
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050



Tgt Ion:101 Resp: 298492  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 52.4 78.6

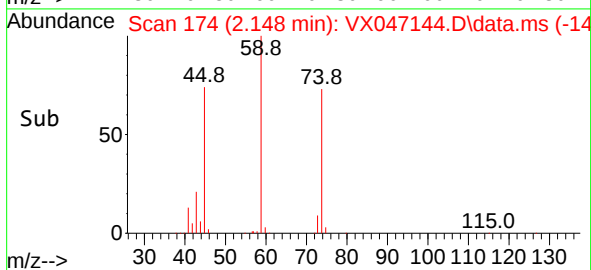
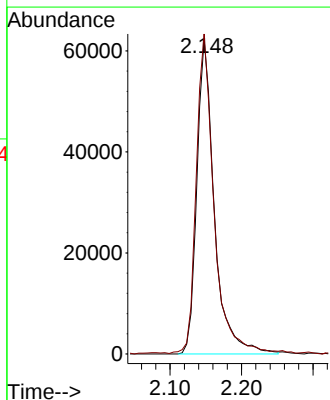
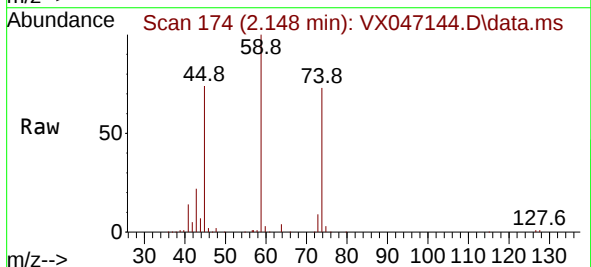
Manual Integrations  
 APPROVED

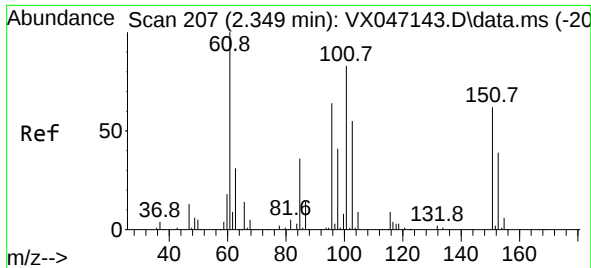
Reviewed By :John Carlone 07/28/2025  
 Supervised By :Mahesh Dadoda 07/28/2025



#8  
 Diethyl Ether  
 Concen: 43.452 ug/l  
 RT: 2.148 min Scan# 174  
 Delta R.T. -0.000 min  
 Lab File: VX047144.D  
 Acq: 25 Jul 2025 16:01

Tgt Ion: 74 Resp: 105959  
 Ion Ratio Lower Upper  
 74 100  
 45 102.3 22.0 197.6





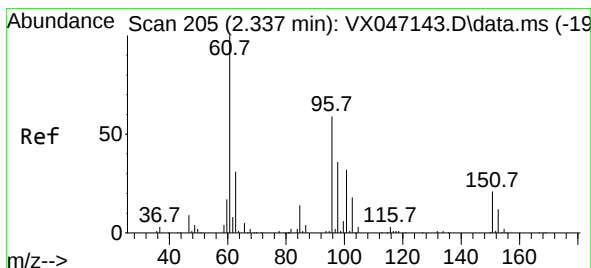
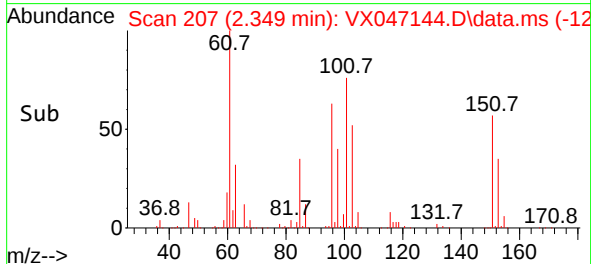
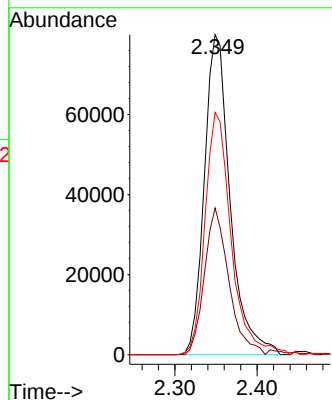
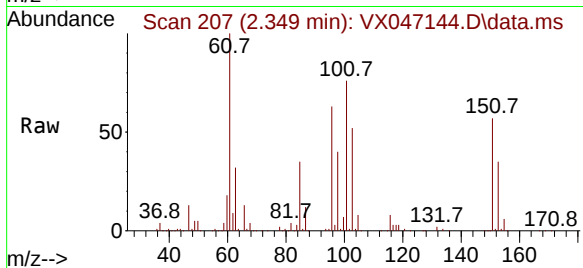
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.945 ug/l  
RT: 2.349 min Scan# 207  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion:101 Resp: 17448  
Ion Ratio Lower Upper  
101 100  
85 43.3 0.0 91.8  
151 76.3 0.0 137.2

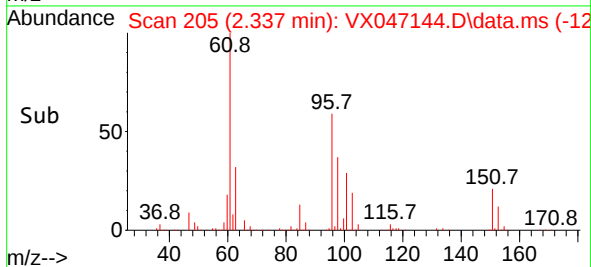
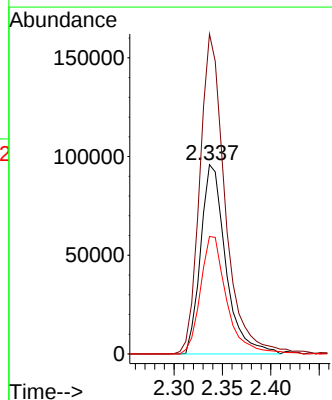
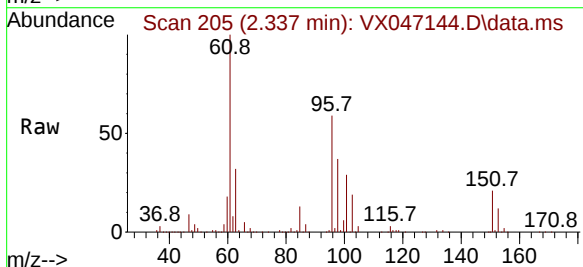
Manual Integrations  
APPROVED

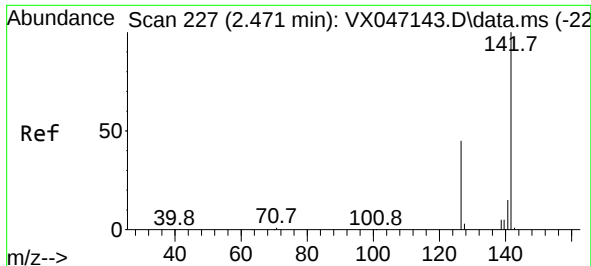
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#10  
1,1-Dichloroethene  
Concen: 42.788 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 96 Resp: 173807  
Ion Ratio Lower Upper  
96 100  
61 161.1 145.5 218.3  
98 61.2 49.5 74.3





#11

Methyl Iodide

Concen: 43.878 ug/l

RT: 2.471 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC050

Tgt Ion:142 Resp: 275090

Ion Ratio Lower Upper

142 100

127 50.1 0.9 2.8

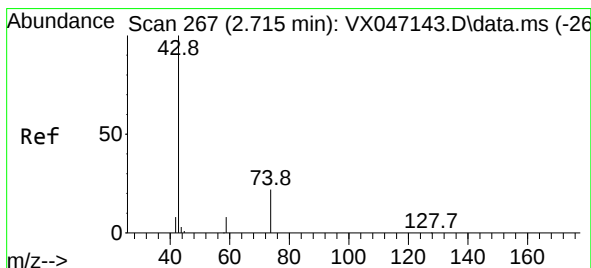
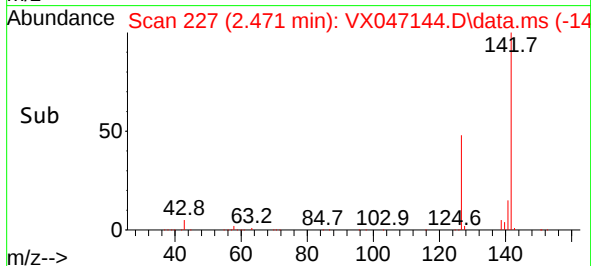
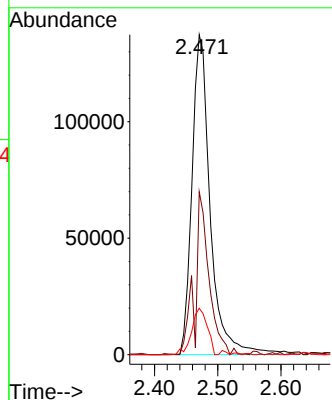
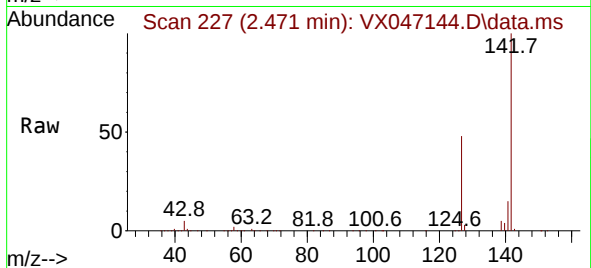
141 112.5 55.5 166.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#12

Methyl Acetate

Concen: 43.499 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX047144.D

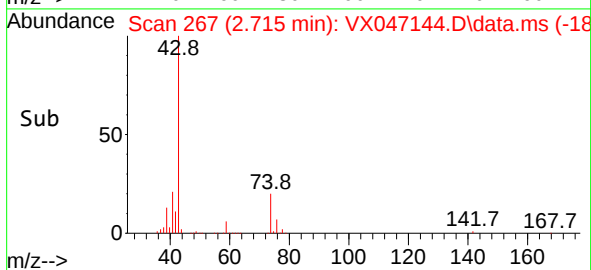
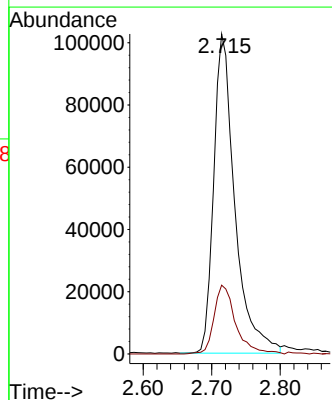
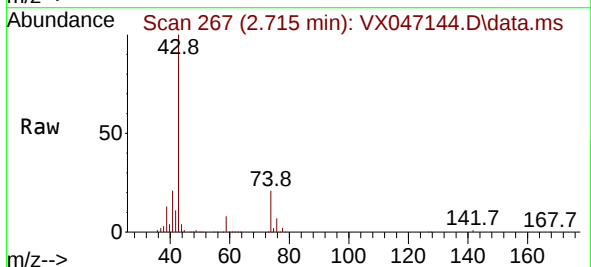
Acq: 25 Jul 2025 16:01

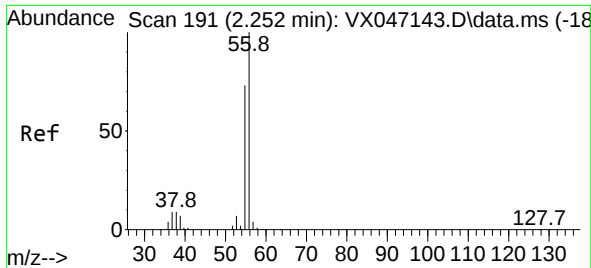
Tgt Ion: 43 Resp: 219929

Ion Ratio Lower Upper

43 100

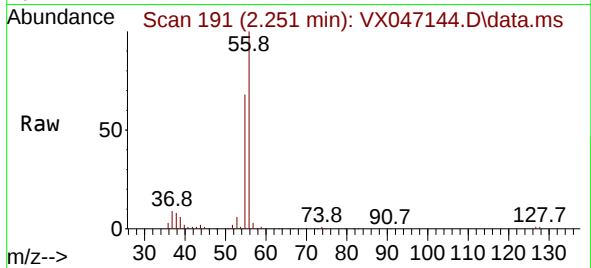
74 23.1 18.4 27.6





#13  
Acrolein  
Concen: 202.029 ug/l  
RT: 2.251 min Scan# 191  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

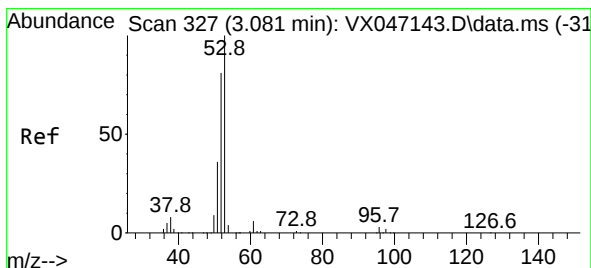
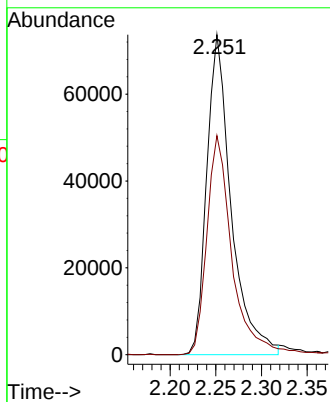
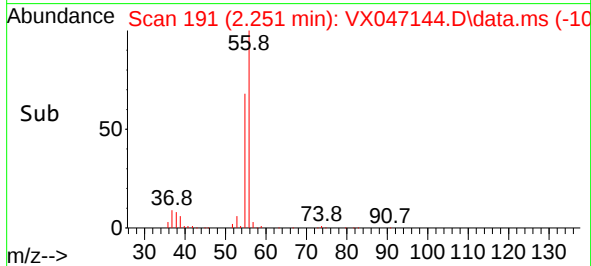
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



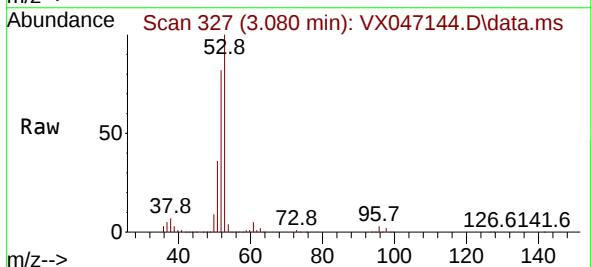
Tgt Ion: 56 Resp: 13660  
Ion Ratio Lower Upper  
56 100  
55 71.0 56.8 85.2

Manual Integrations  
APPROVED

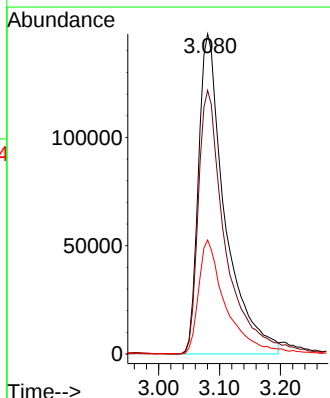
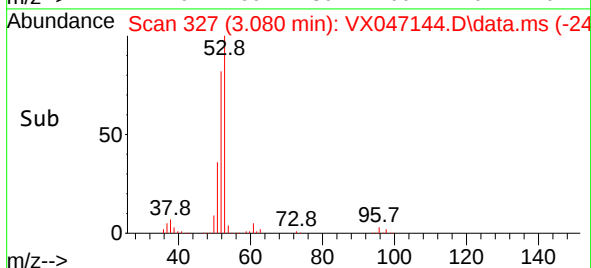
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

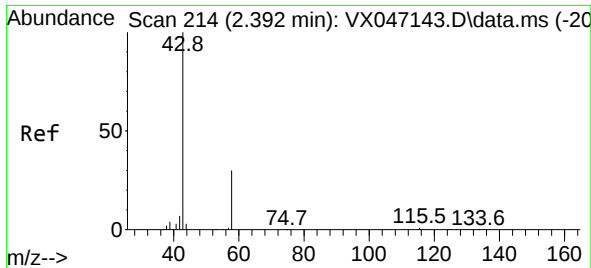


#14  
Acrylonitrile  
Concen: 213.625 ug/l  
RT: 3.080 min Scan# 327  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



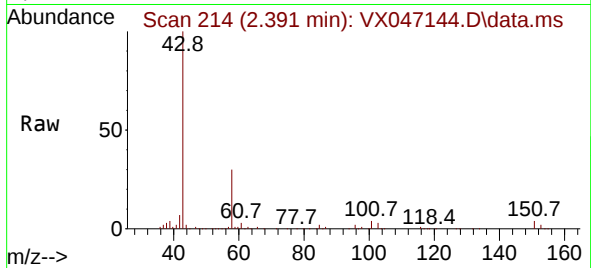
Tgt Ion: 53 Resp: 445761  
Ion Ratio Lower Upper  
53 100  
52 84.8 41.3 123.7  
51 36.3 17.2 51.5





#15  
Acetone  
Concen: 208.370 ug/l  
RT: 2.391 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

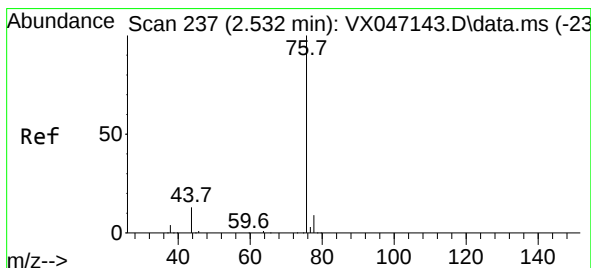
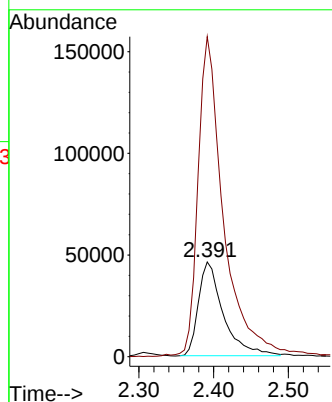
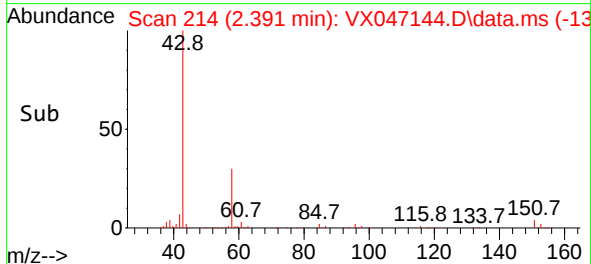
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 58 Resp: 106738  
Ion Ratio Lower Upper  
58 100  
43 343.0 266.9 400.3

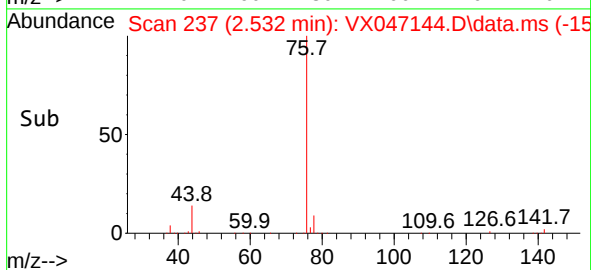
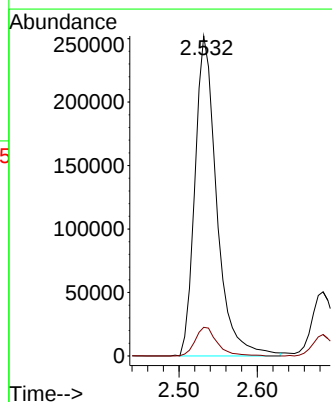
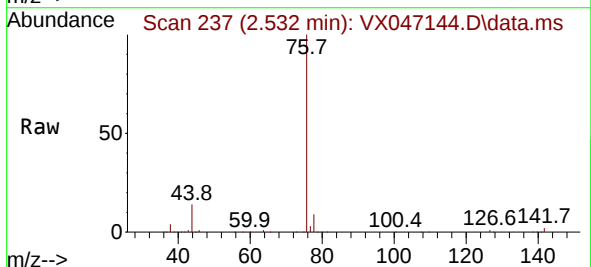
Manual Integrations  
APPROVED

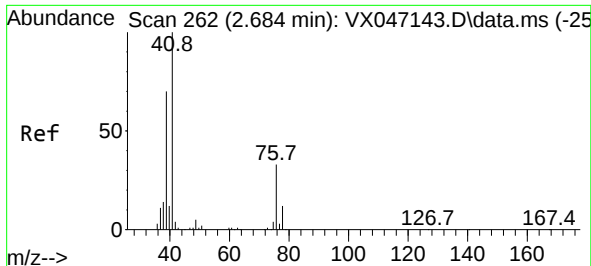
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#16  
Carbon Disulfide  
Concen: 41.427 ug/l  
RT: 2.532 min Scan# 237  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 76 Resp: 487839  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.1 10.7





#17

Allyl chloride

Concen: 43.261 ug/l

RT: 2.684 min Scan# 262

Delta R.T. -0.000 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tgt Ion: 41 Resp: 300218

Ion Ratio Lower Upper

41 100

39 68.1 34.3 102.8

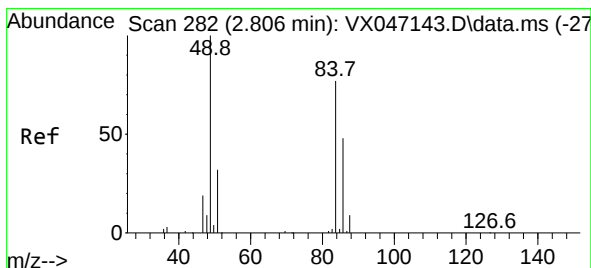
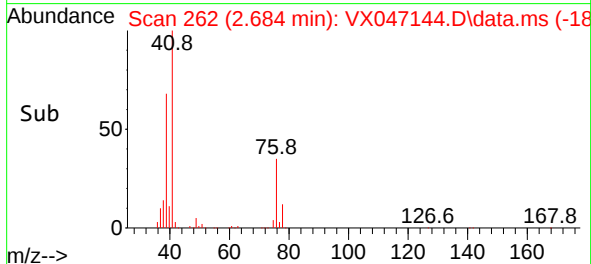
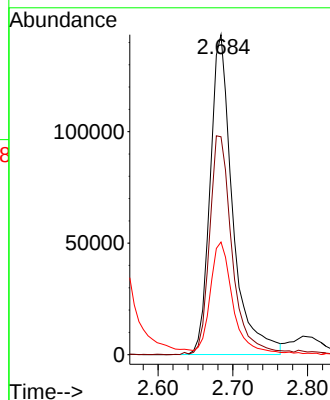
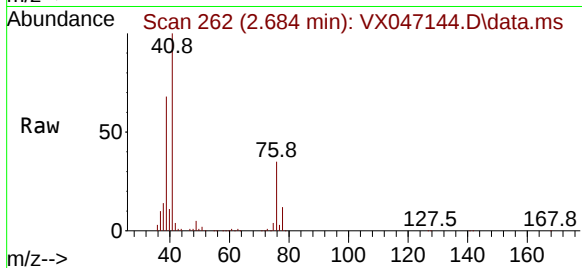
76 34.5 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#18

Methylene Chloride

Concen: 43.484 ug/l

RT: 2.806 min Scan# 282

Delta R.T. -0.000 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

Tgt Ion: 84 Resp: 190635

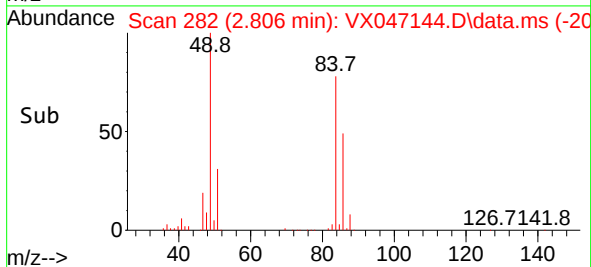
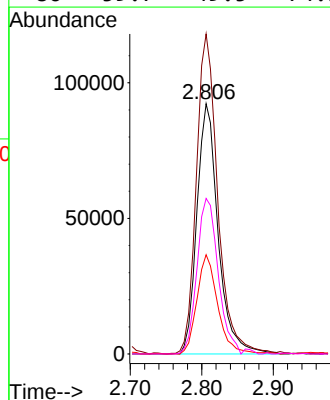
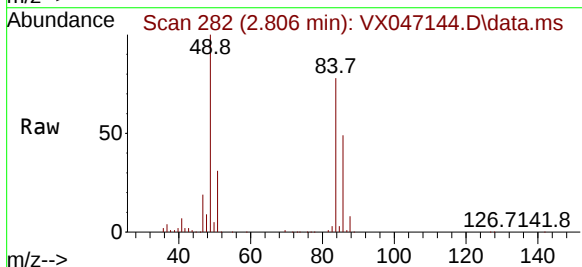
Ion Ratio Lower Upper

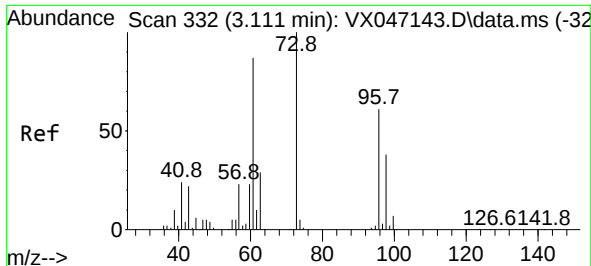
84 100

49 122.5 107.9 161.9

51 38.7 33.4 50.2

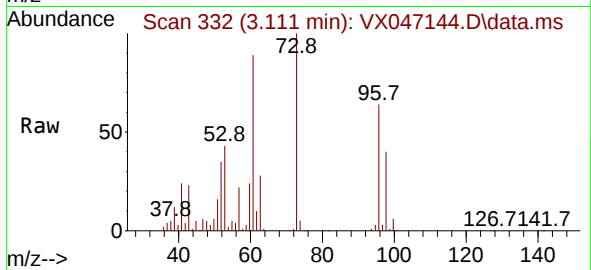
86 59.7 49.5 74.3





#19  
trans-1,2-Dichloroethene  
Concen: 43.860 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

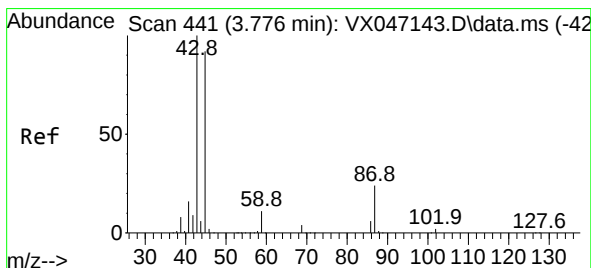
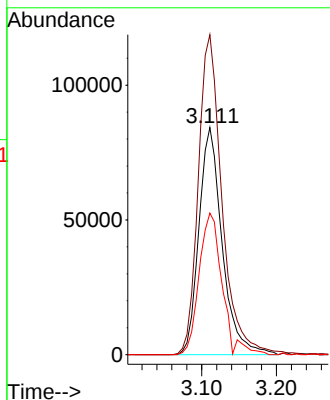
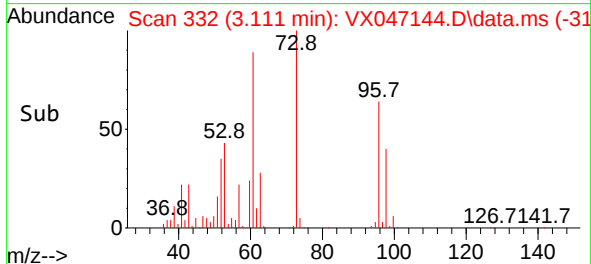
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 96 Resp: 182454  
Ion Ratio Lower Upper  
96 100  
61 148.9 122.3 183.5  
98 61.1 50.2 75.2

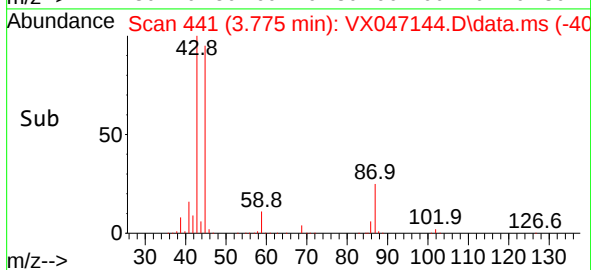
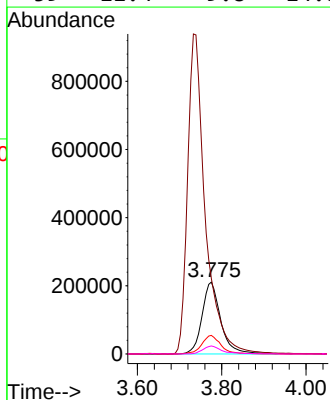
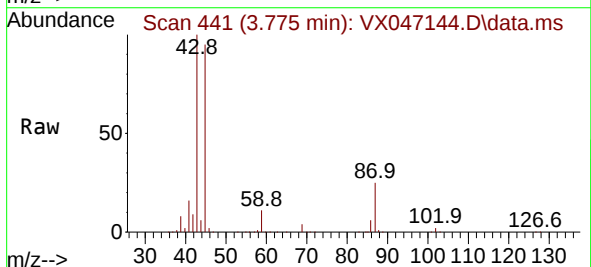
Manual Integrations  
APPROVED

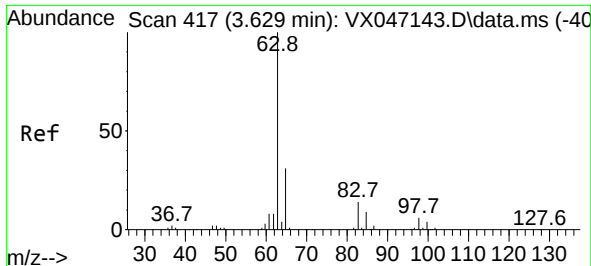
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#20  
Diisopropyl ether  
Concen: 43.725 ug/l  
RT: 3.775 min Scan# 441  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

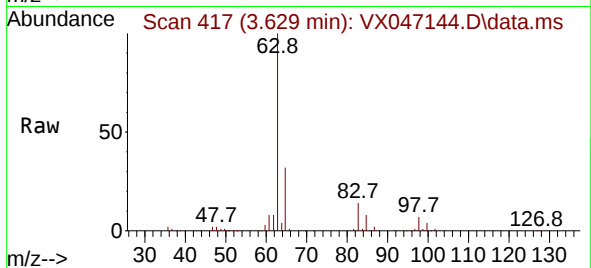
Tgt Ion: 45 Resp: 648845  
Ion Ratio Lower Upper  
45 100  
43 103.7 89.1 133.7  
87 25.8 21.3 31.9  
59 11.4 9.8 14.8





#21  
1,1-Dichloroethane  
Concen: 43.302 ug/l  
RT: 3.629 min Scan# 417  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

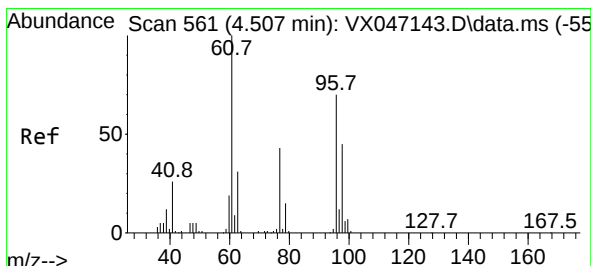
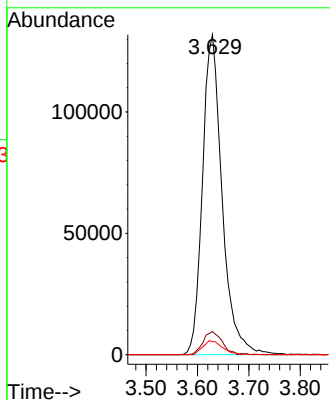
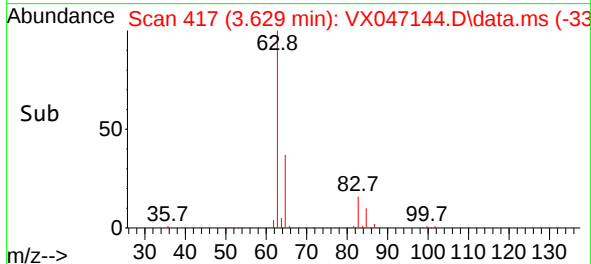
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



Tgt Ion: 63 Resp: 34973  
Ion Ratio Lower Upper  
63 100  
98 7.8 3.5 10.5  
100 4.3 2.2 6.6

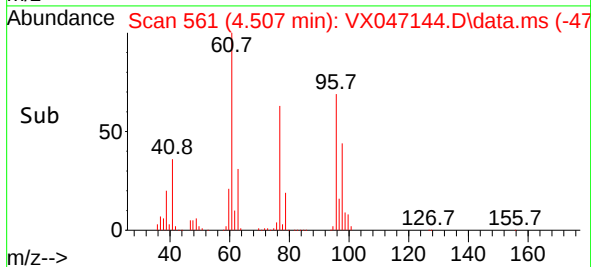
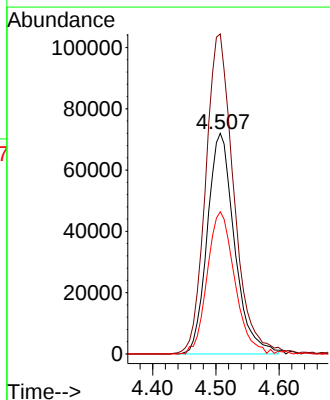
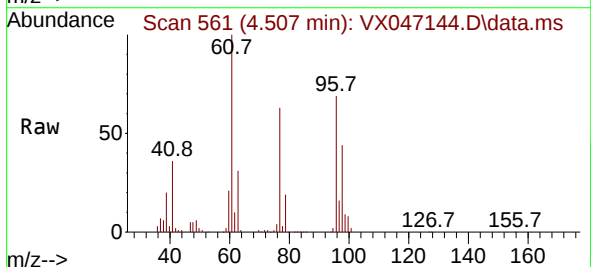
Manual Integrations  
APPROVED

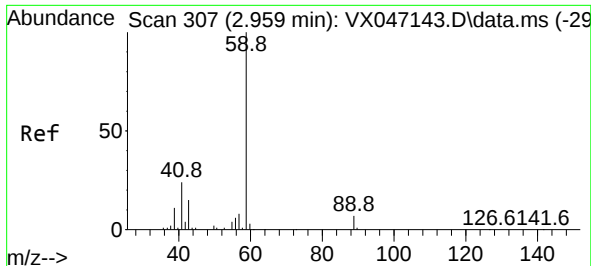
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#22  
cis-1,2-Dichloroethene  
Concen: 42.343 ug/l  
RT: 4.507 min Scan# 561  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 96 Resp: 215088  
Ion Ratio Lower Upper  
96 100  
61 149.9 120.0 180.0  
98 64.6 52.8 79.2





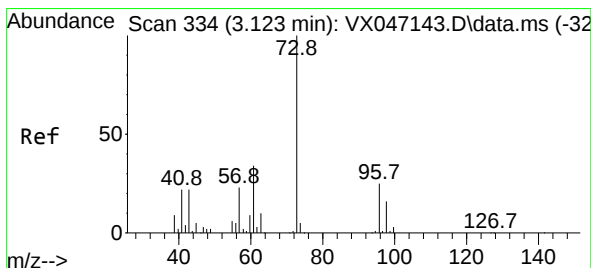
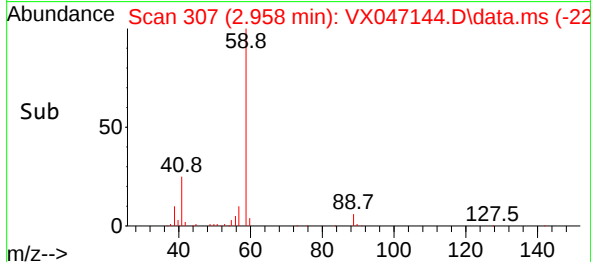
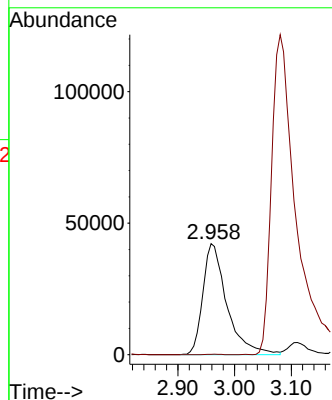
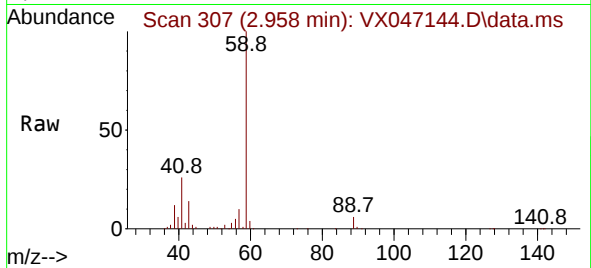
#23  
tert-Butyl Alcohol  
Concen: 214.955 ug/l  
RT: 2.958 min Scan# 307  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion: 59 Resp: 124524  
Ion Ratio Lower Upper  
59 100  
52 0.2 0.2 0.2

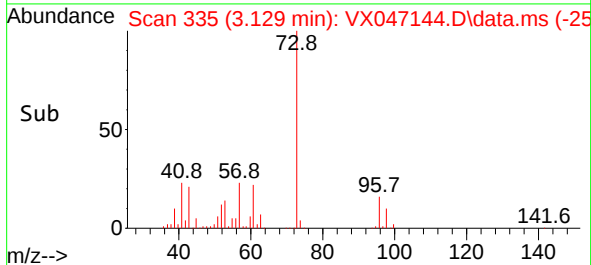
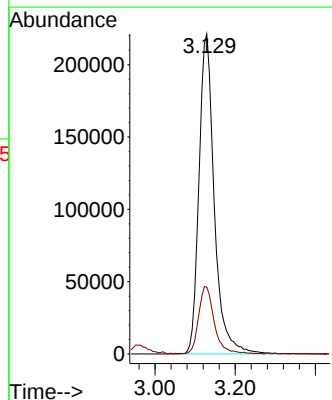
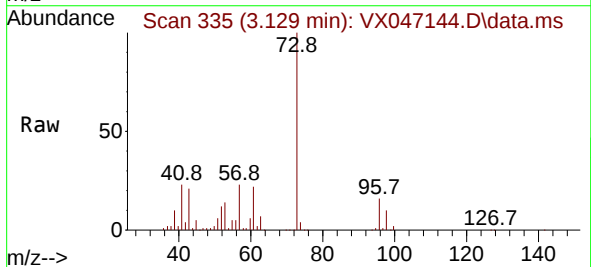
Manual Integrations  
APPROVED

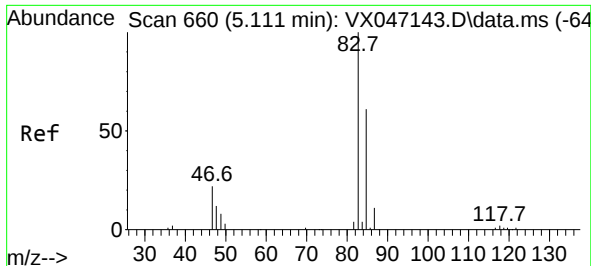
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#24  
Methyl tert-Butyl Ether  
Concen: 43.106 ug/l  
RT: 3.129 min Scan# 335  
Delta R.T. 0.006 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

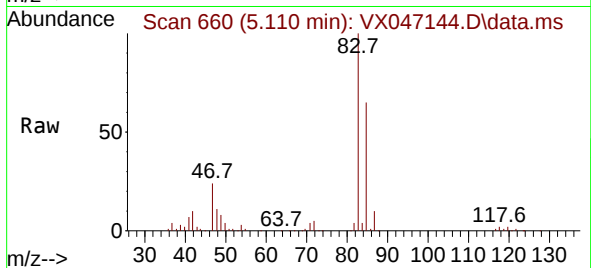
Tgt Ion: 73 Resp: 586481  
Ion Ratio Lower Upper  
73 100  
43 20.9 16.9 25.3





#25  
Chloroform  
Concen: 43.201 ug/l  
RT: 5.110 min Scan# 660  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

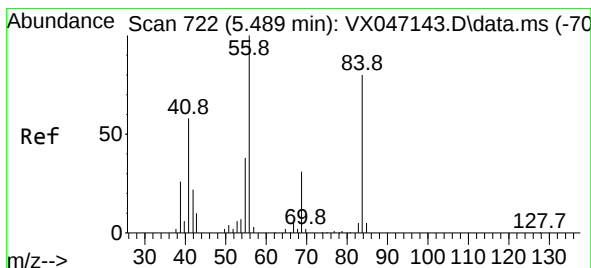
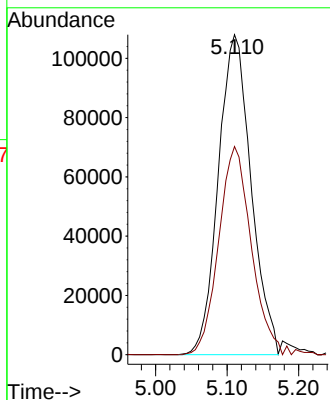
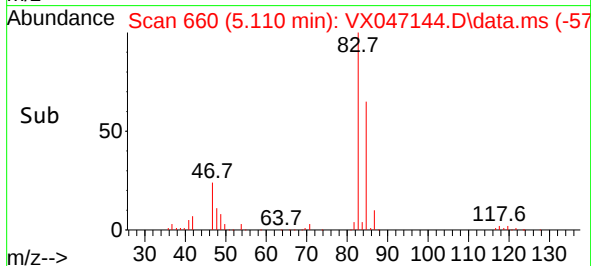
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 83 Resp: 343520  
Ion Ratio Lower Upper  
83 100  
85 62.8 48.0 72.0

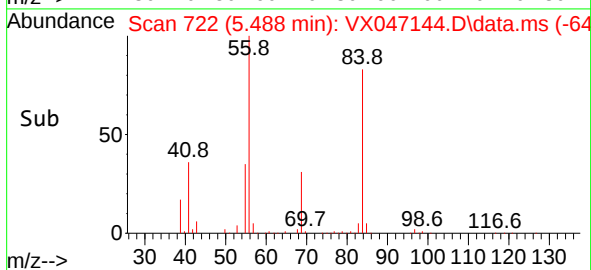
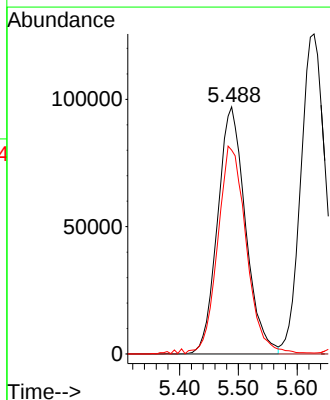
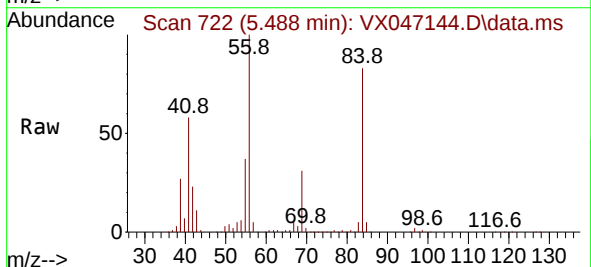
Manual Integrations  
APPROVED

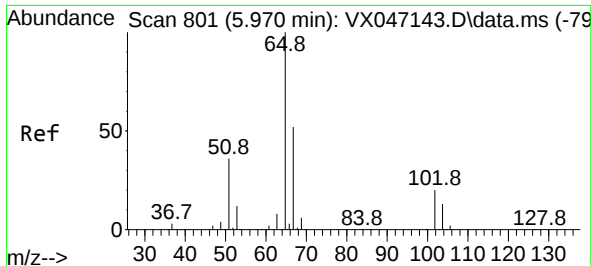
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#26  
Cyclohexane  
Concen: 40.905 ug/l  
RT: 5.488 min Scan# 722  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 56 Resp: 320794  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 86.0 67.9 101.9





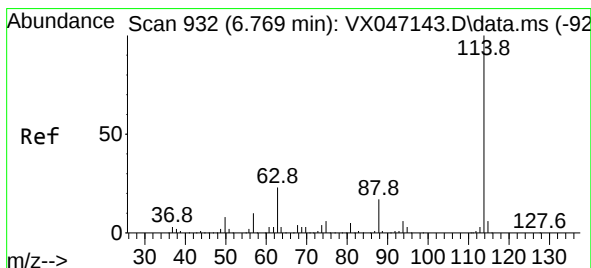
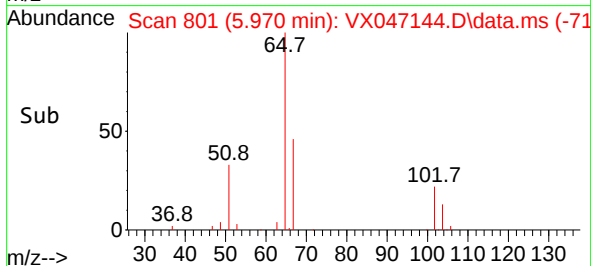
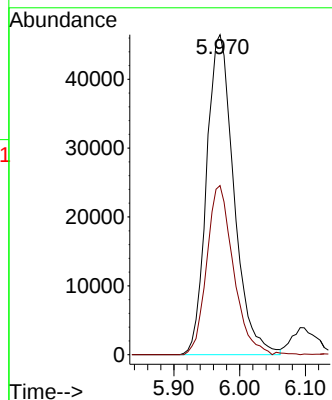
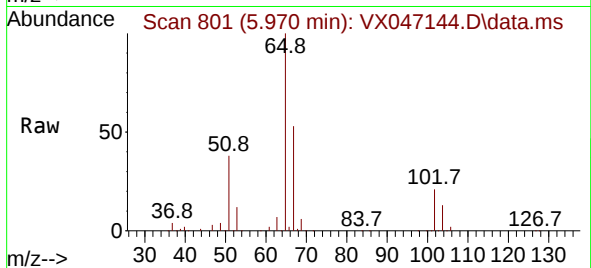
#27  
1,2-Dichloroethane-d4  
Concen: 26.484 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion: 65 Resp: 134300  
Ion Ratio Lower Upper  
65 100  
67 51.5 40.7 61.1

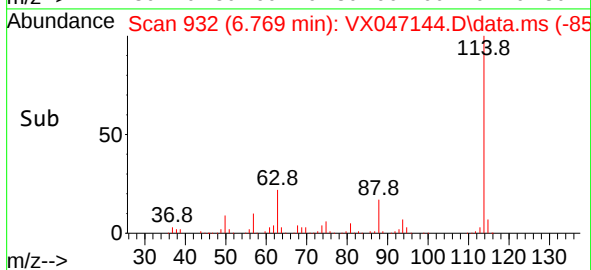
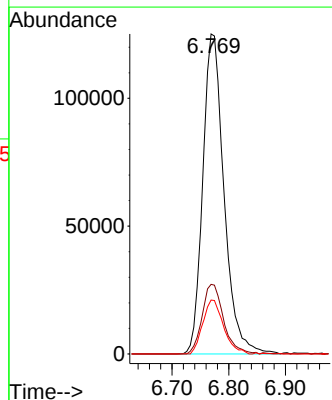
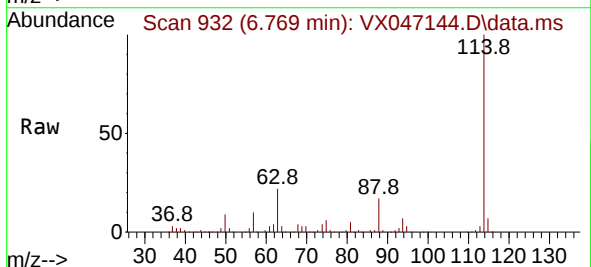
Manual Integrations  
APPROVED

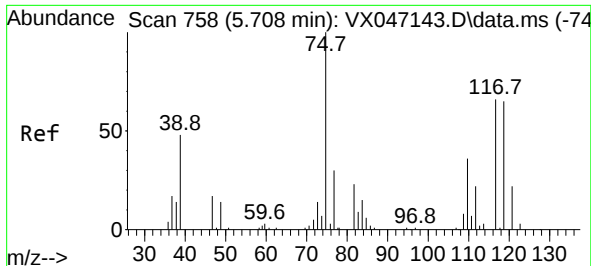
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

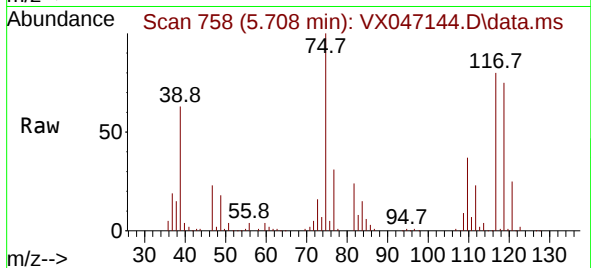
Tgt Ion:114 Resp: 325982  
Ion Ratio Lower Upper  
114 100  
63 21.8 17.4 26.0  
88 16.4 13.0 19.6





#29  
1,1-Dichloropropene  
Concen: 49.047 ug/l  
RT: 5.708 min Scan# 758  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

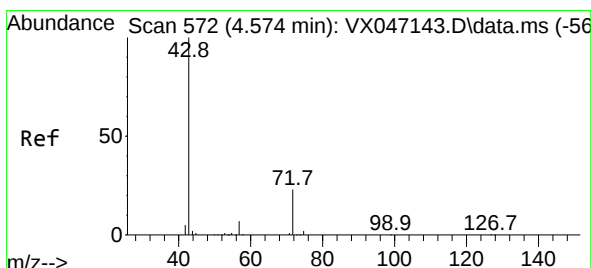
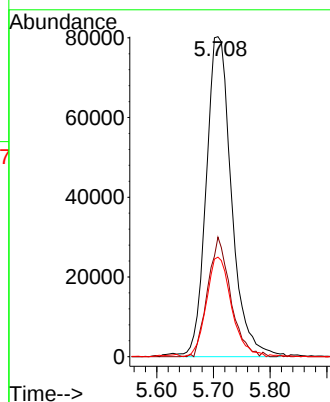
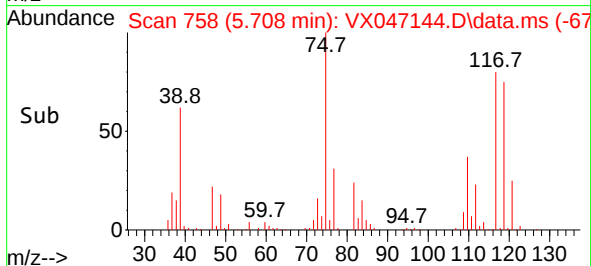
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 75 Resp: 249018  
Ion Ratio Lower Upper  
75 100  
110 33.5 0.0 70.8  
77 30.9 0.0 61.6

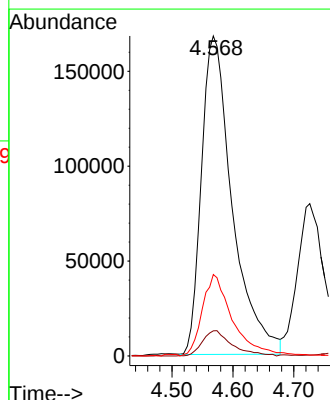
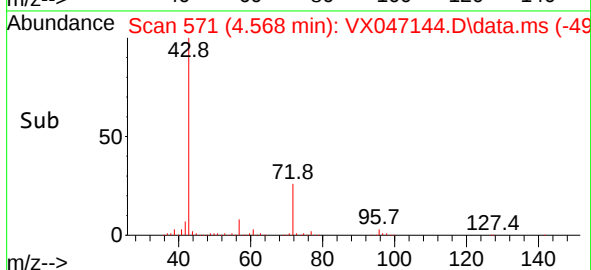
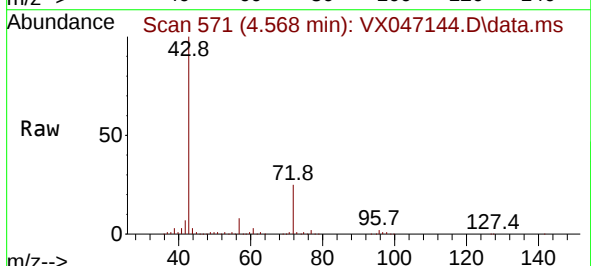
Manual Integrations  
APPROVED

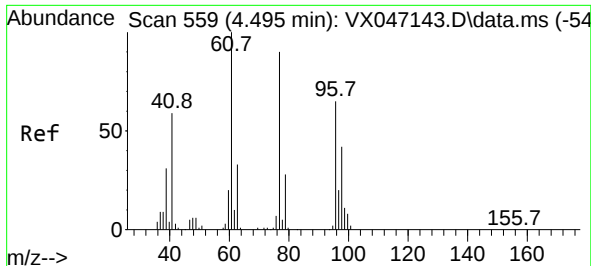
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#30  
2-Butanone  
Concen: 246.210 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. -0.007 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

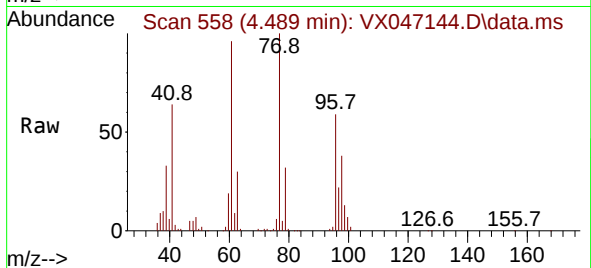
Tgt Ion: 43 Resp: 590440  
Ion Ratio Lower Upper  
43 100  
57 7.6 5.9 8.9  
72 24.7 20.2 30.2





#31  
2,2-Dichloropropane  
Concen: 48.746 ug/l  
RT: 4.489 min Scan# 559  
Delta R.T. -0.007 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

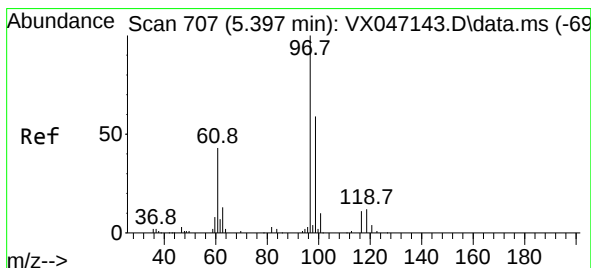
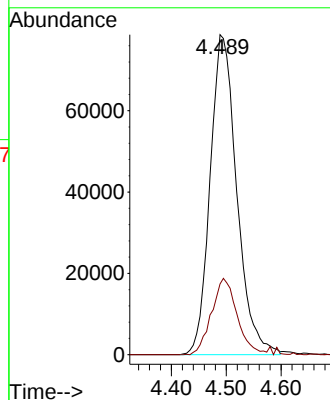
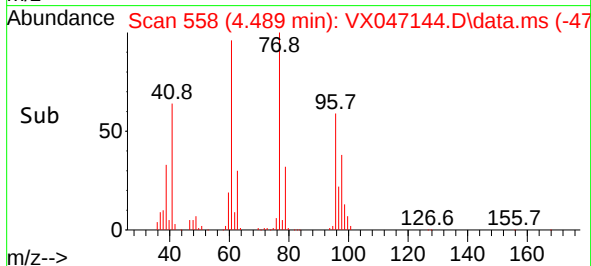
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



Tgt Ion: 77 Resp: 265734  
Ion Ratio Lower Upper  
77 100  
97 22.9 14.5 21.7

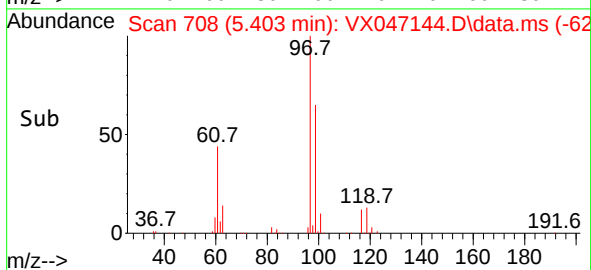
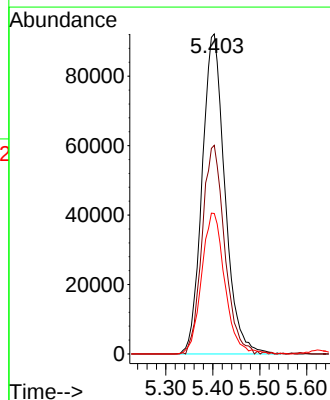
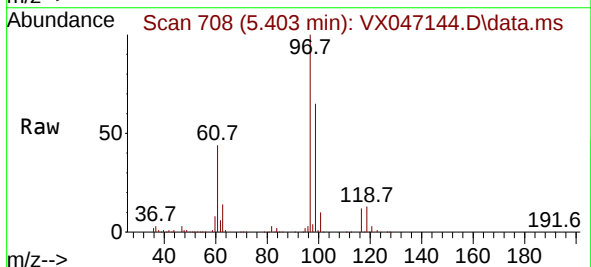
Manual Integrations  
APPROVED

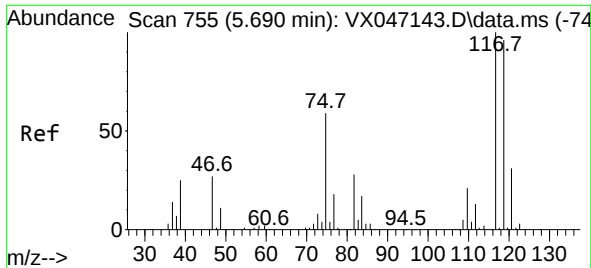
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#32  
1,1,1-Trichloroethane  
Concen: 49.344 ug/l  
RT: 5.403 min Scan# 708  
Delta R.T. 0.006 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

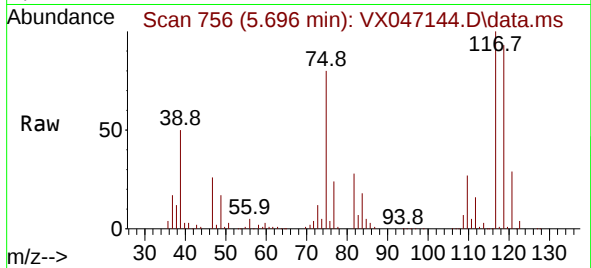
Tgt Ion: 97 Resp: 310230  
Ion Ratio Lower Upper  
97 100  
99 64.4 30.0 45.0#  
61 44.3 36.1 54.1





#33  
Carbon Tetrachloride  
Concen: 48.676 ug/l m  
RT: 5.696 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

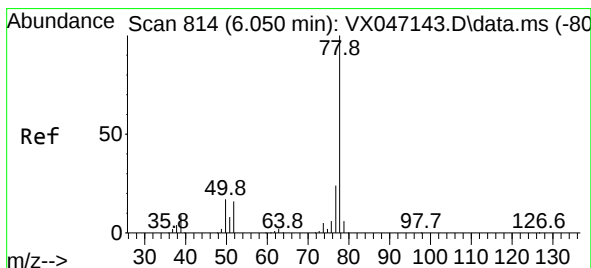
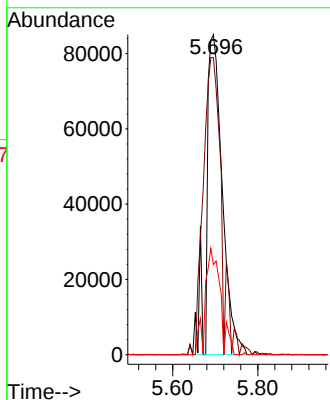
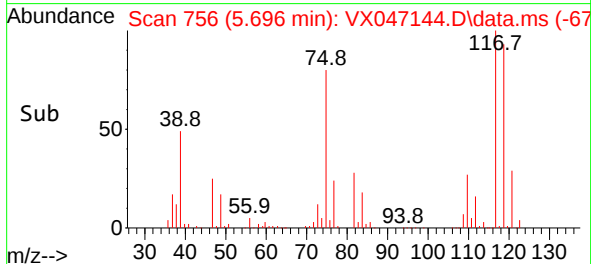
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion:117 Resp: 216538  
Ion Ratio Lower Upper  
117 100  
119 93.2 76.5 114.7  
121 28.5 0.5 0.7

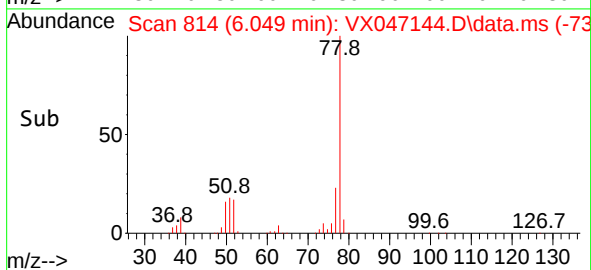
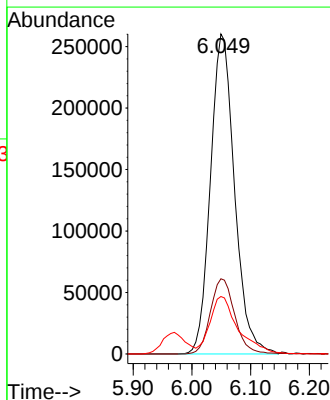
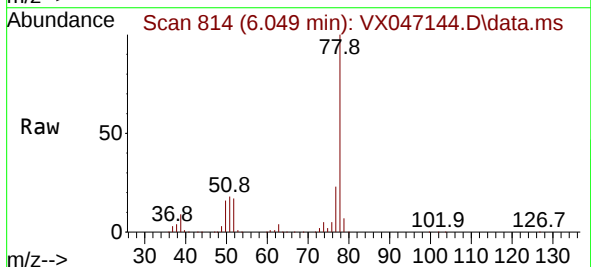
Manual Integrations  
APPROVED

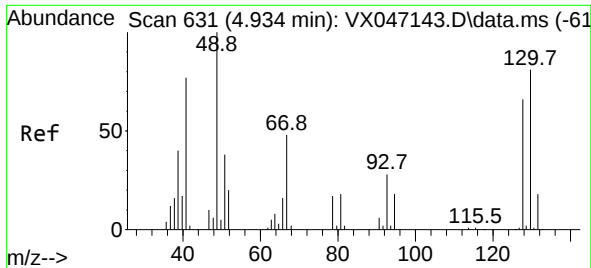
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#34  
Benzene  
Concen: 49.416 ug/l  
RT: 6.049 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 78 Resp: 740706  
Ion Ratio Lower Upper  
78 100  
77 22.0 17.6 26.4  
51 16.4 13.8 20.6





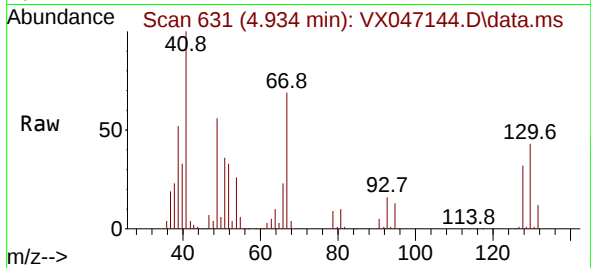
#35  
Methacrylonitrile  
Concen: 49.270 ug/l  
RT: 4.934 min Scan# 631  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC050



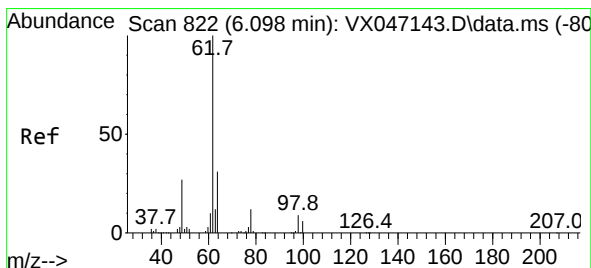
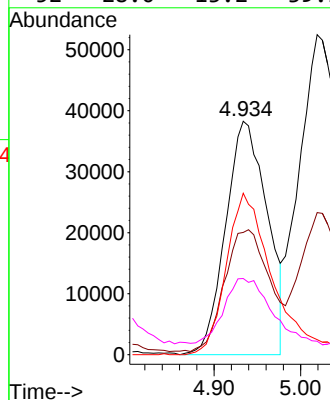
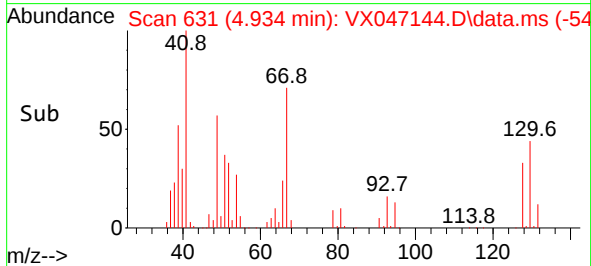
Tgt Ion: 41 Resp: 127728  
Ion Ratio Lower Upper  
41 100  
39 46.0 26.2 78.5  
67 69.1 31.4 94.3  
52 28.0 13.2 39.5

Manual Integrations

APPROVED

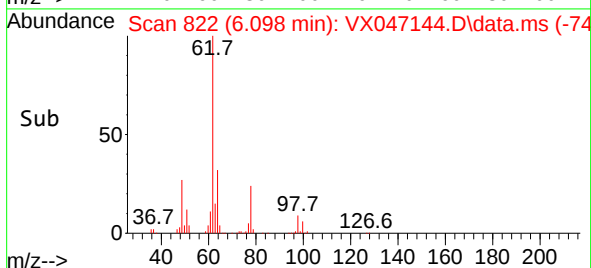
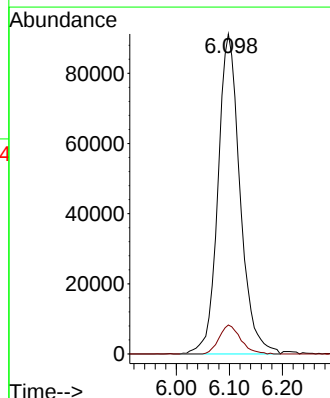
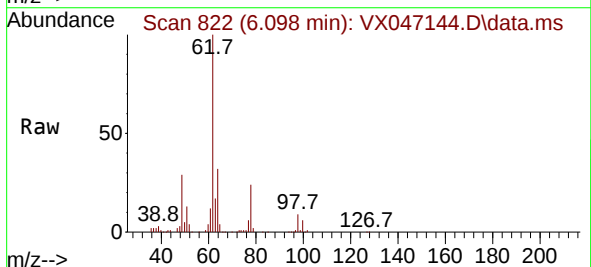
Reviewed By :John Carlone 07/28/2025

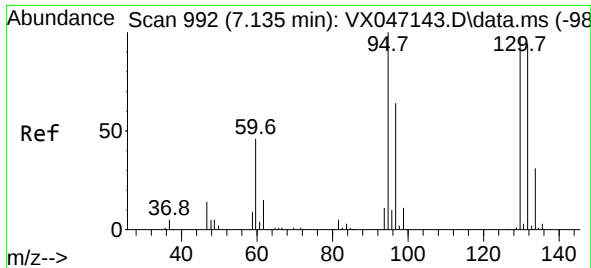
Supervised By :Mahesh Dadoda 07/28/2025



#36  
1,2-Dichloroethane  
Concen: 49.018 ug/l  
RT: 6.098 min Scan# 822  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

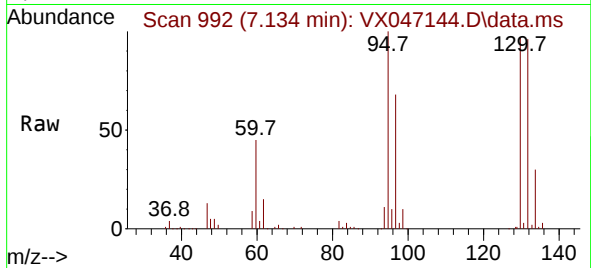
Tgt Ion: 62 Resp: 263859  
Ion Ratio Lower Upper  
62 100  
98 8.8 6.7 10.1





#37  
Trichloroethene  
Concen: 49.030 ug/l  
RT: 7.134 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

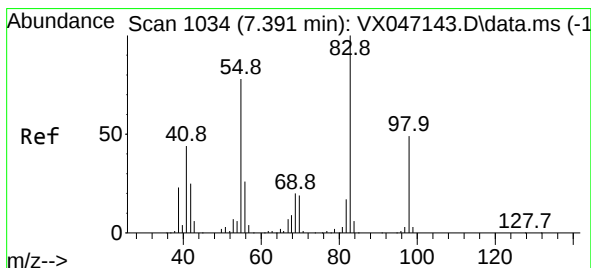
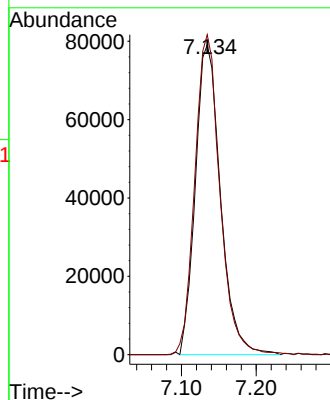
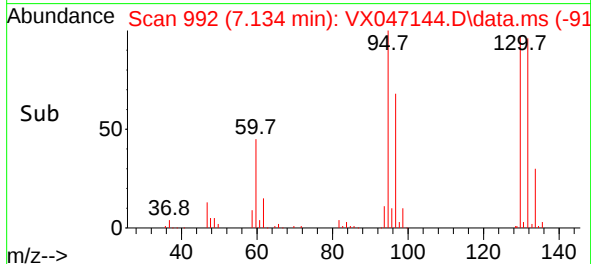
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



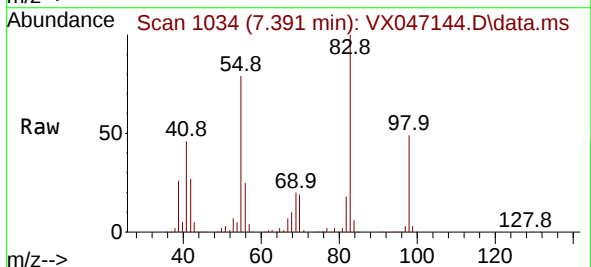
Tgt Ion:130 Resp: 18495  
Ion Ratio Lower Upper  
130 100  
95 99.6 79.4 119.2

Manual Integrations  
APPROVED

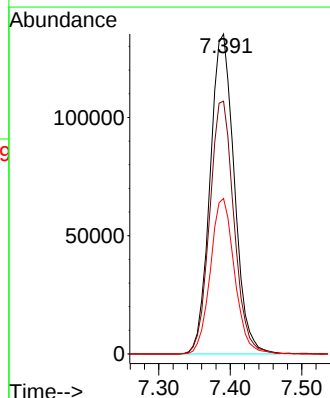
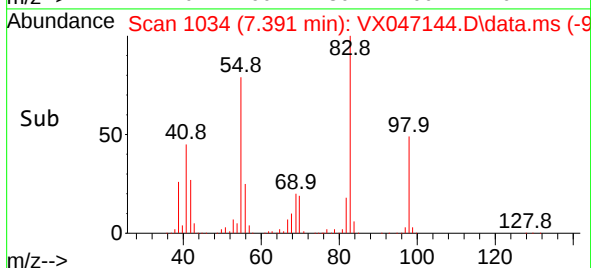
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

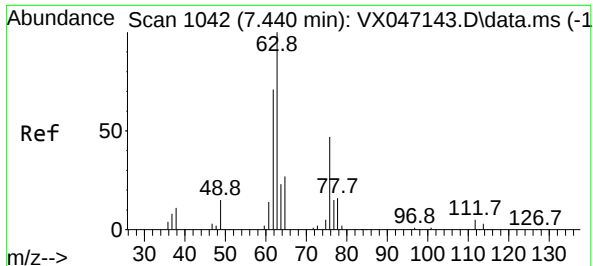


#38  
Methylcyclohexane  
Concen: 48.688 ug/l  
RT: 7.391 min Scan# 1034  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



Tgt Ion: 83 Resp: 318686  
Ion Ratio Lower Upper  
83 100  
55 79.3 40.3 120.8  
98 48.4 24.3 72.9





#39

1,2-Dichloropropane

Concen: 49.622 ug/l m

RT: 7.439 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC050

Tgt Ion: 63 Resp: 19068

Ion Ratio Lower Upper

63 100

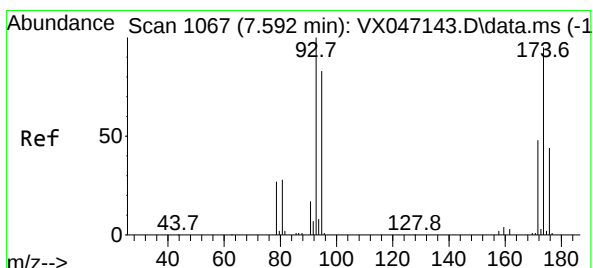
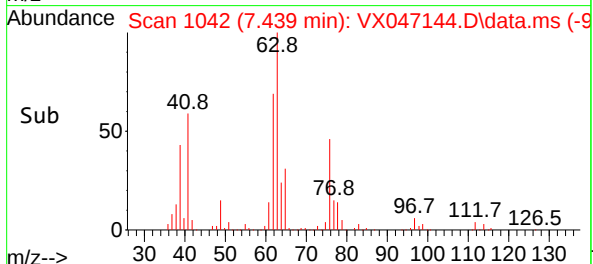
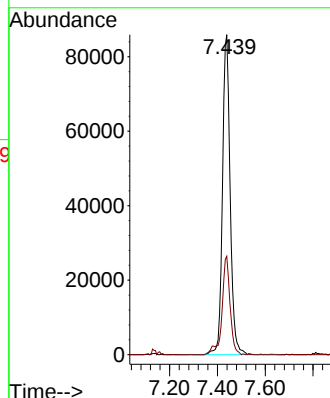
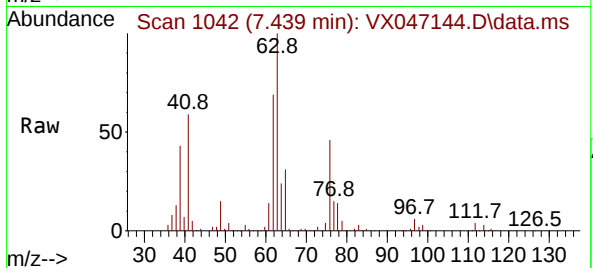
65 30.8 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Dibromomethane

Concen: 49.682 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.007 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

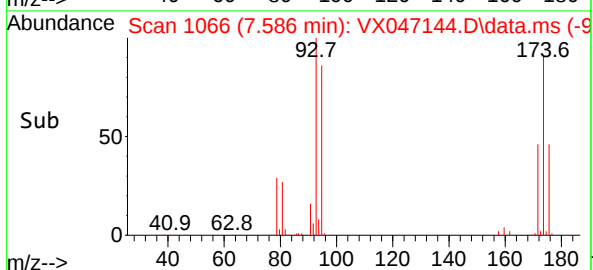
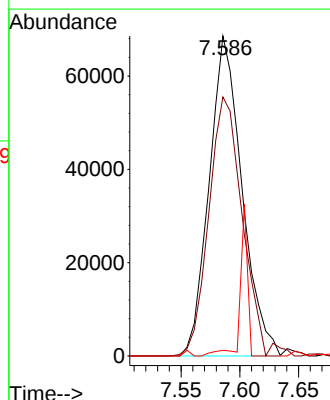
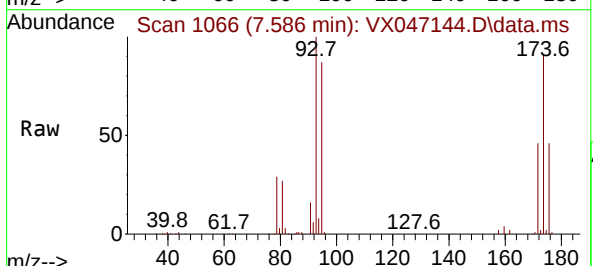
Tgt Ion: 93 Resp: 133177

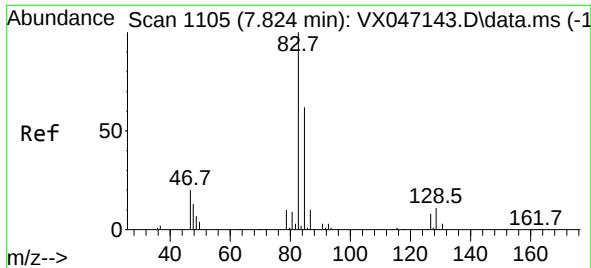
Ion Ratio Lower Upper

93 100

95 81.5 0.0 166.2

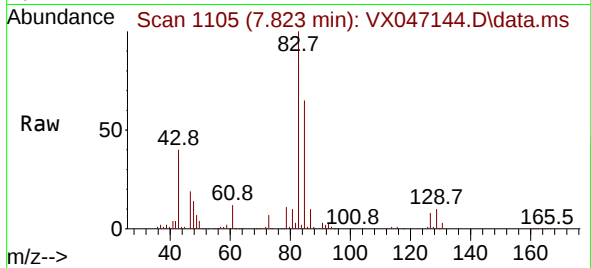
174 1.3 0.0 26.4





#41  
Bromodichloromethane  
Concen: 49.030 ug/l  
RT: 7.823 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

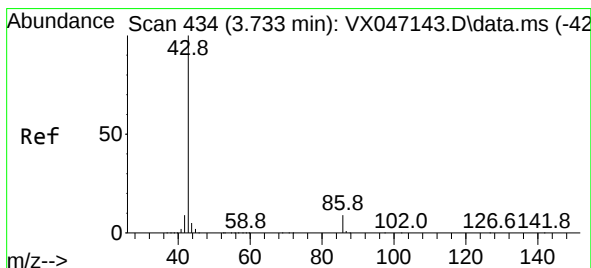
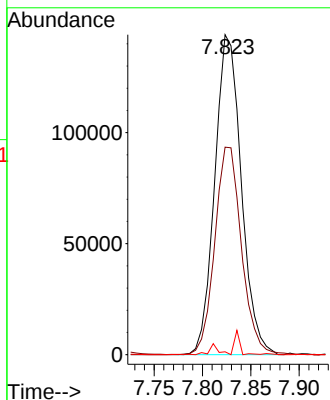
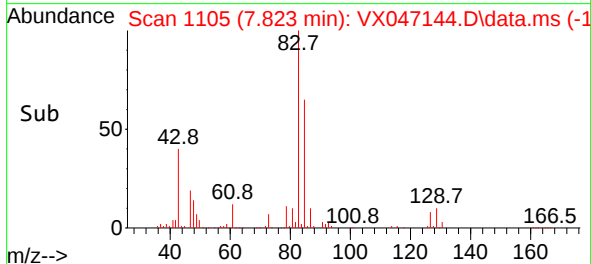
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 83 Resp: 275029  
Ion Ratio Lower Upper  
83 100  
85 64.3 47.2 70.8  
127 0.8 7.1 10.7

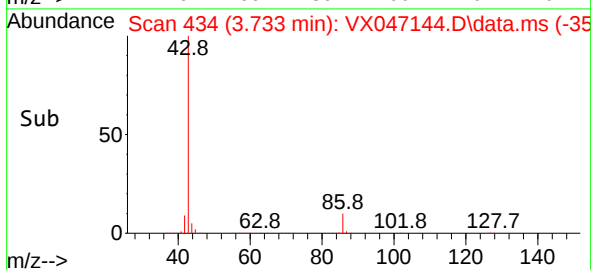
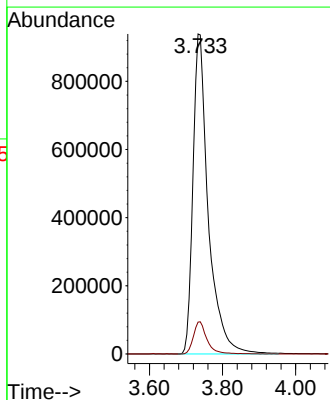
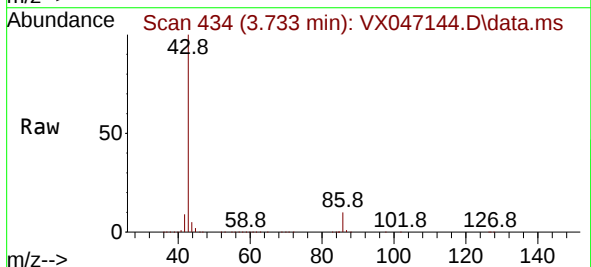
Manual Integrations  
APPROVED

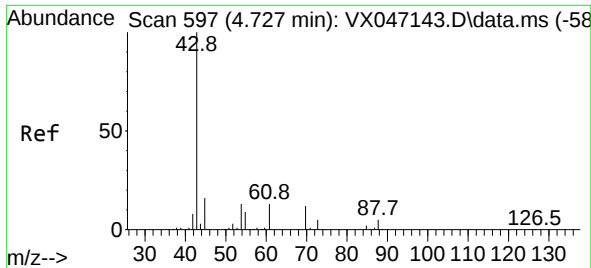
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#42  
Vinyl Acetate  
Concen: 248.856 ug/l  
RT: 3.733 min Scan# 434  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 43 Resp: 2743477  
Ion Ratio Lower Upper  
43 100  
86 8.8 6.9 10.3





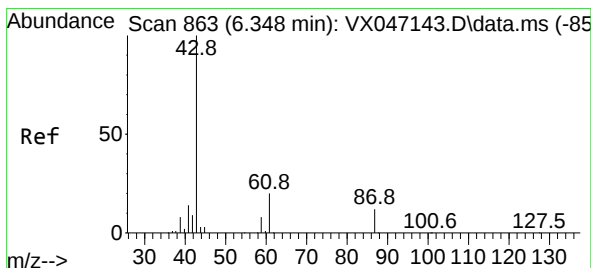
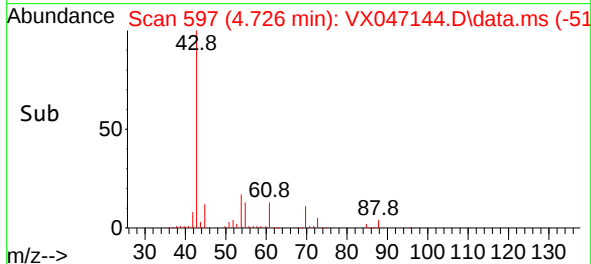
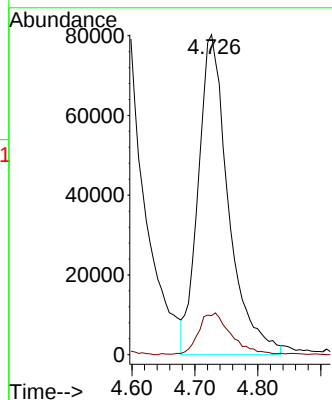
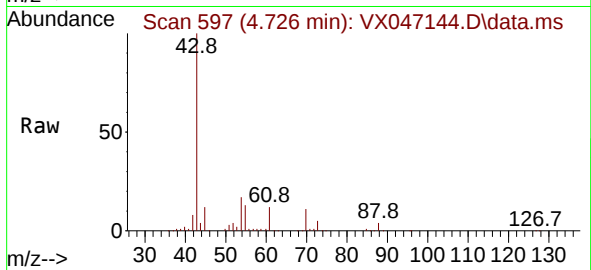
#43  
Ethyl Acetate  
Concen: 48.880 ug/l m  
RT: 4.726 min Scan# 597  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050

Tgt Ion: 43 Resp: 26728  
Ion Ratio Lower Upper  
43 100  
45 0.0 10.6 16.0

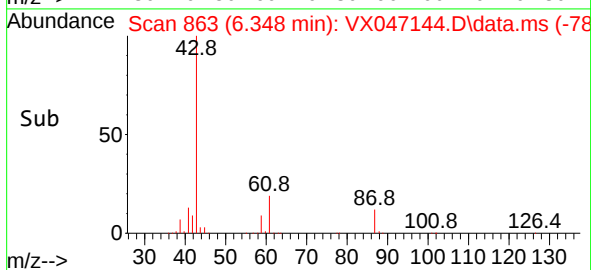
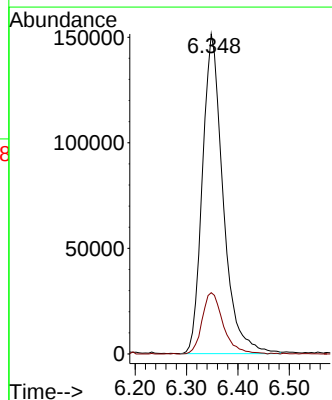
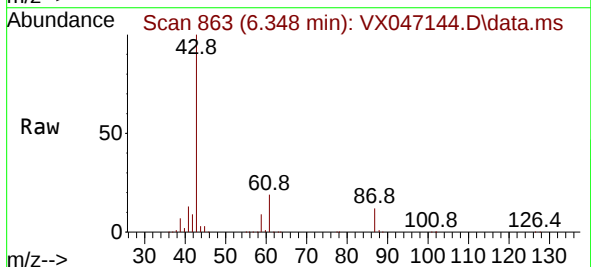
Manual Integrations  
APPROVED

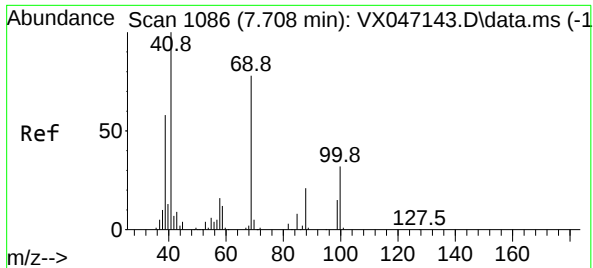
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#44  
Isopropyl Acetate  
Concen: 49.240 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 43 Resp: 423642  
Ion Ratio Lower Upper  
43 100  
61 19.5 14.7 22.1





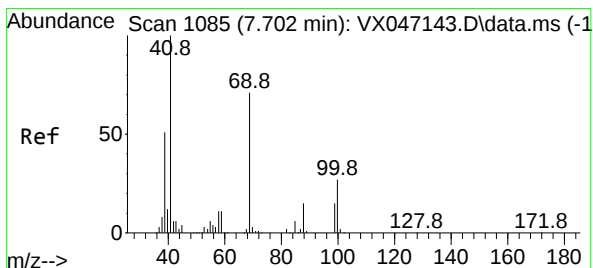
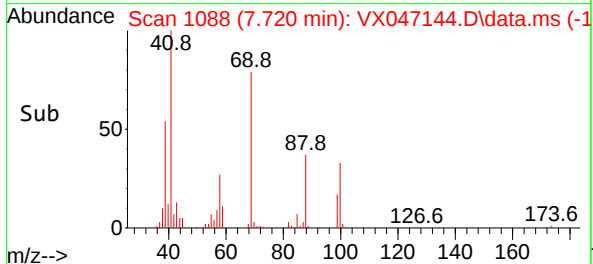
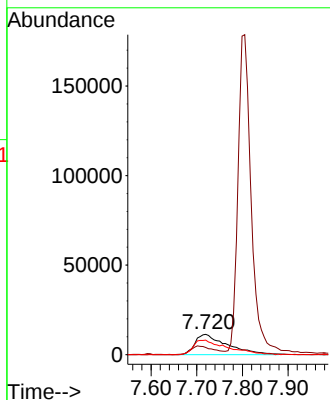
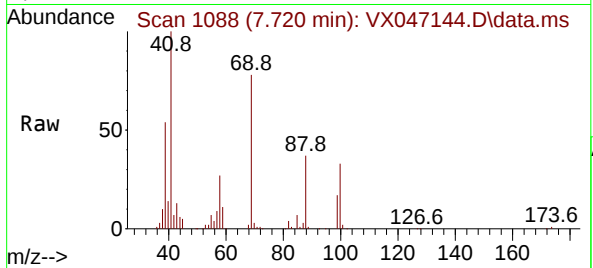
#45  
1,4-Dioxane  
Concen: 1037.859 ug/l  
RT: 7.720 min Scan# 1086  
Delta R.T. 0.012 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion: 88 Resp: 55800  
Ion Ratio Lower Upper  
88 100  
43 31.0 30.2 45.2  
58 23.6 33.3 49.9

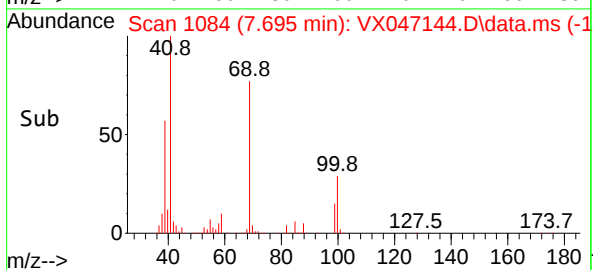
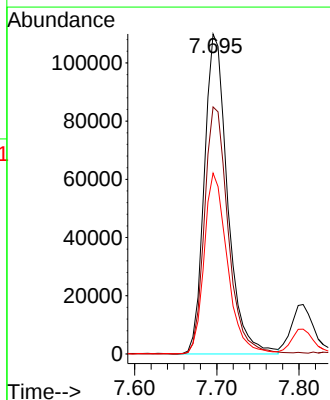
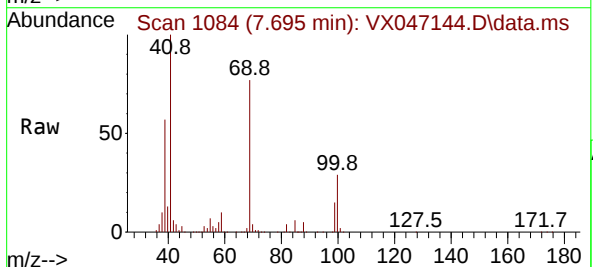
Manual Integrations  
APPROVED

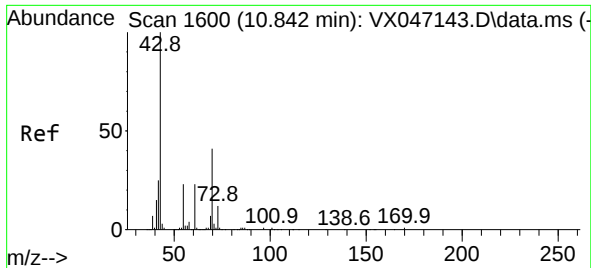
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#46  
Methyl methacrylate  
Concen: 48.965 ug/l  
RT: 7.695 min Scan# 1084  
Delta R.T. -0.007 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

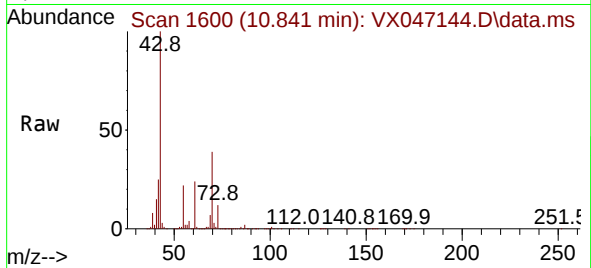
Tgt Ion: 41 Resp: 216175  
Ion Ratio Lower Upper  
41 100  
69 77.2 35.8 107.3  
39 56.4 24.4 73.4





#47  
n-amy1 Acetate  
Concen: 50.356 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

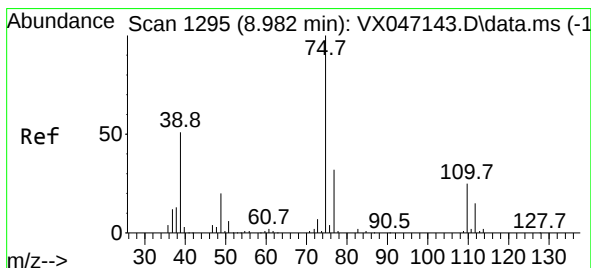
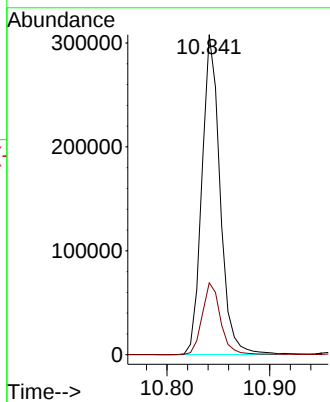
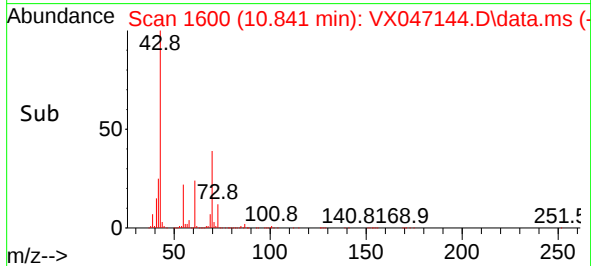
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



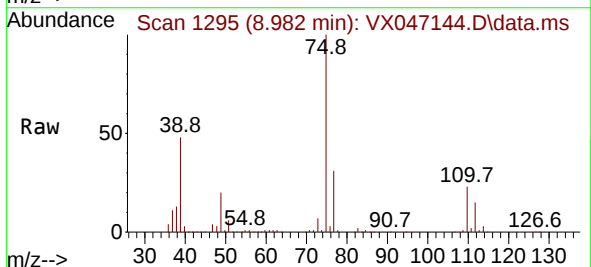
Tgt Ion: 43 Resp: 37881  
Ion Ratio Lower Upper  
43 100  
55 22.8 18.4 27.6

Manual Integrations  
APPROVED

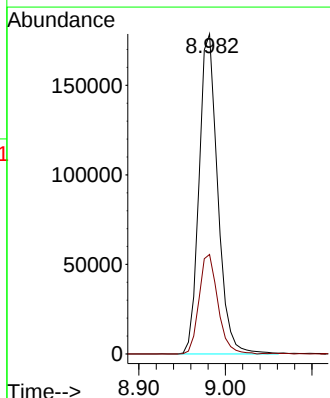
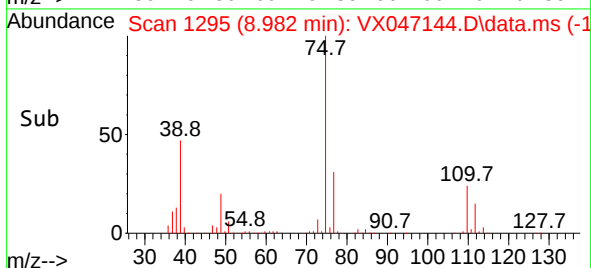
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

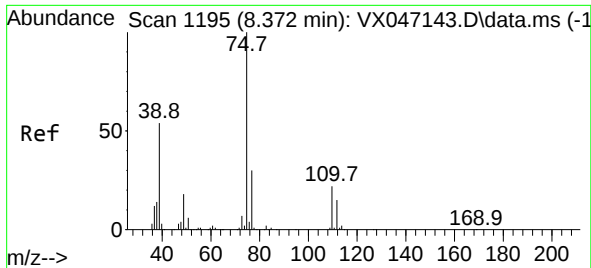


#48  
t-1,3-Dichloropropene  
Concen: 49.275 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



Tgt Ion: 75 Resp: 267150  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 49.027 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 29075

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

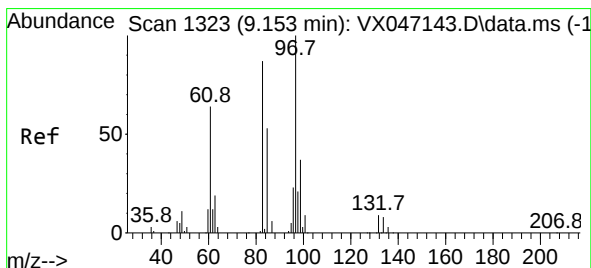
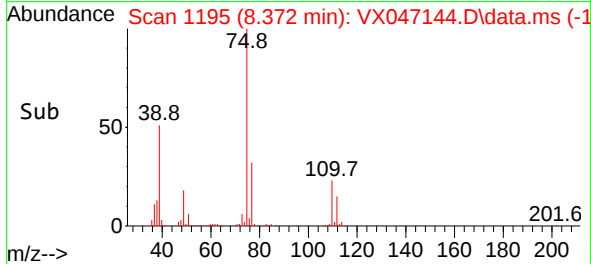
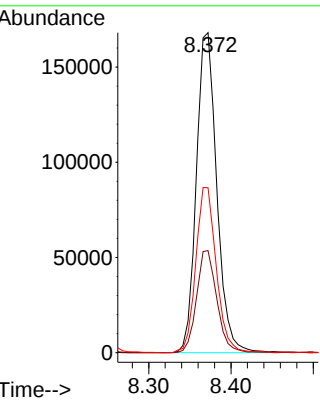
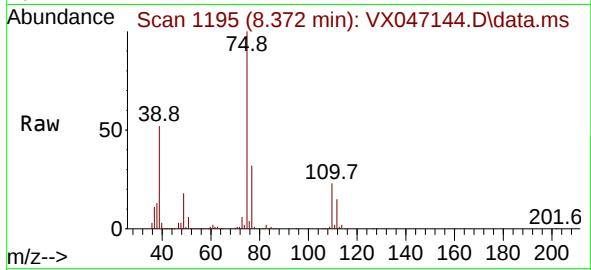
39 49.1 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#50

1,1,2-Trichloroethane

Concen: 48.564 ug/l

RT: 9.152 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX047144.D

Acq: 25 Jul 2025 16:01

Tgt Ion: 97 Resp: 173122

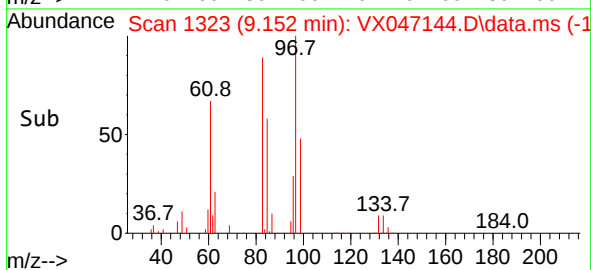
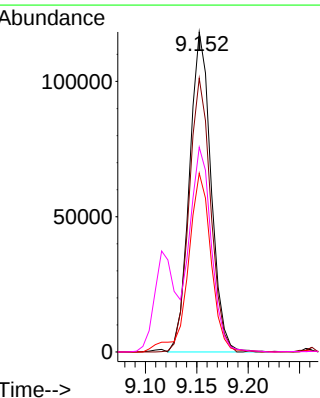
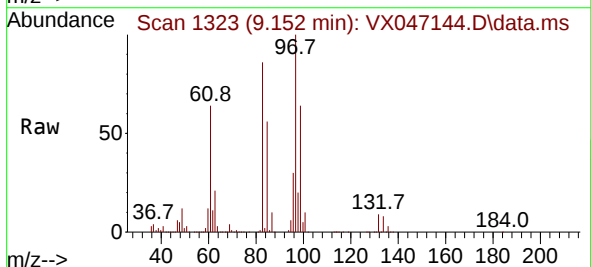
Ion Ratio Lower Upper

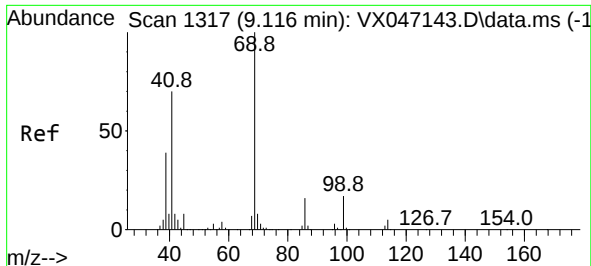
97 100

83 71.0 58.3 87.5

85 46.3 36.5 54.7

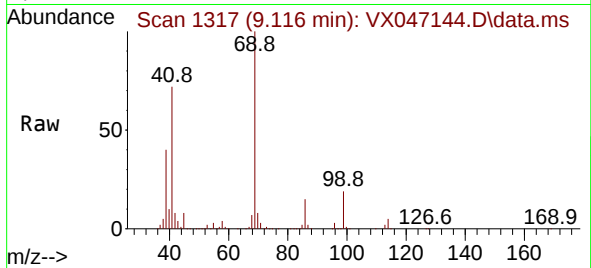
99 53.2 41.4 62.0





#51  
Ethyl methacrylate  
Concen: 49.835 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

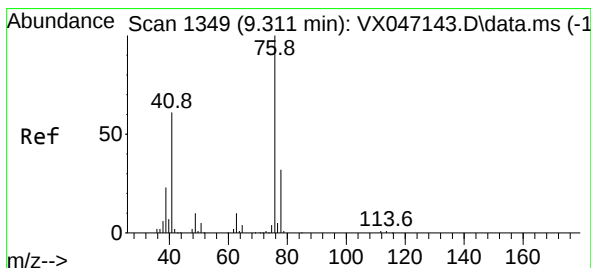
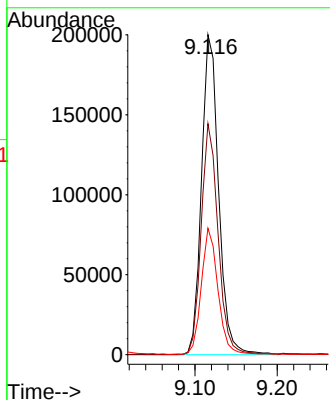
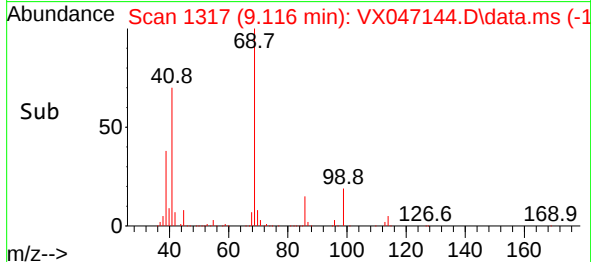
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 69 Resp: 28963  
Ion Ratio Lower Upper  
69 100  
41 72.0 35.0 105.1  
39 39.3 19.5 58.5

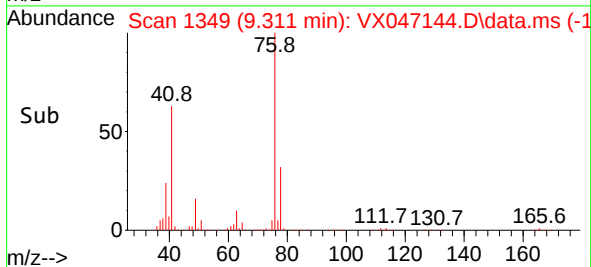
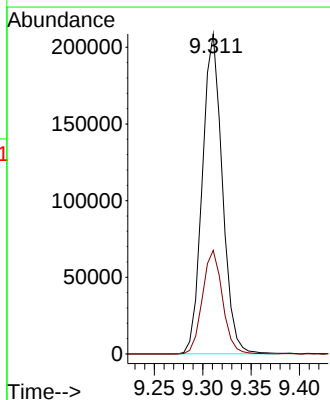
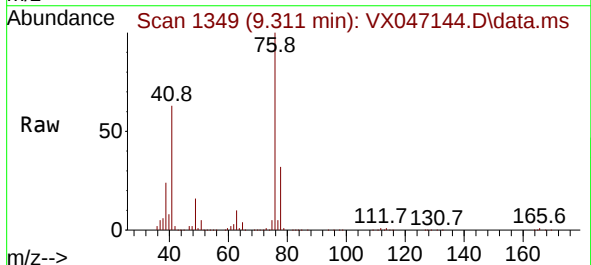
Manual Integrations  
APPROVED

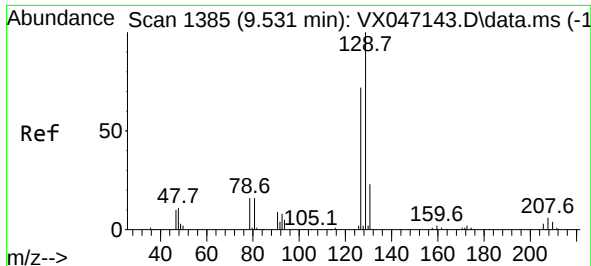
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#52  
1,3-Dichloropropane  
Concen: 48.658 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

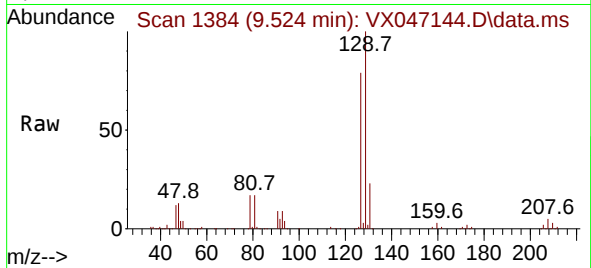
Tgt Ion: 76 Resp: 300922  
Ion Ratio Lower Upper  
76 100  
78 32.4 0.0 63.6





#53  
Dibromochloromethane  
Concen: 43.206 ug/l m  
RT: 9.524 min Scan# 1384  
Delta R.T. -0.007 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

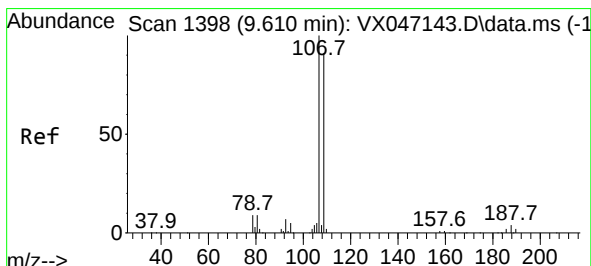
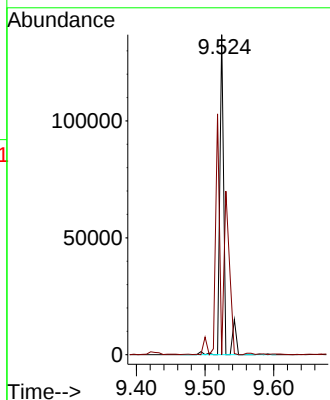
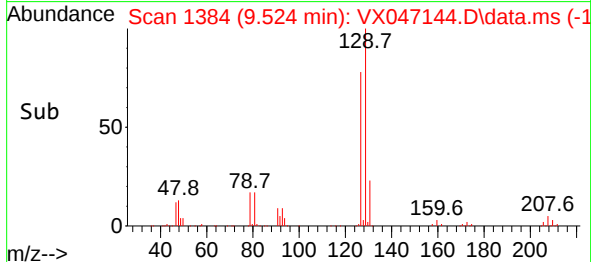
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion:129 Resp: 5656  
Ion Ratio Lower Upper  
129 100  
127 0.4 125.0 374.9

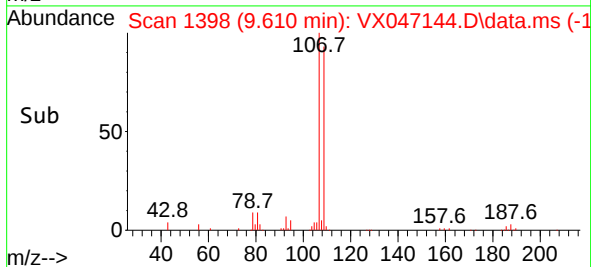
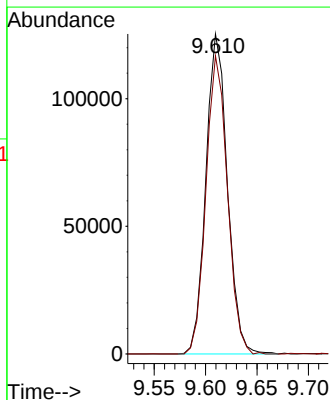
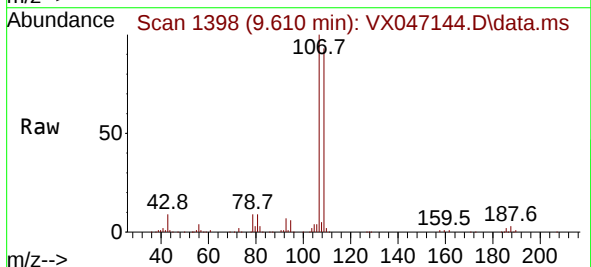
Manual Integrations  
APPROVED

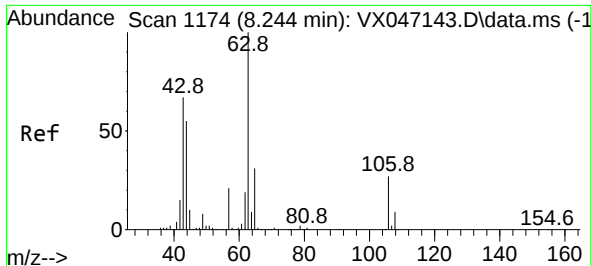
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#54  
1,2-Dibromoethane  
Concen: 49.068 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

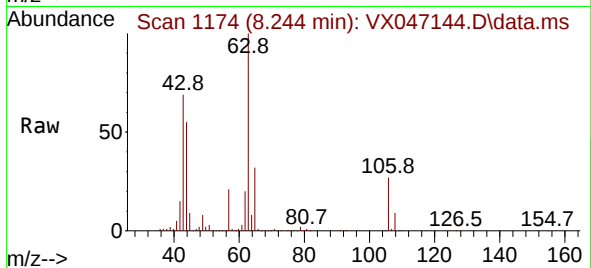
Tgt Ion:107 Resp: 183121  
Ion Ratio Lower Upper  
107 100  
109 92.5 74.0 111.0





#55  
2-Chloroethyl vinyl ether  
Concen: 257.251 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

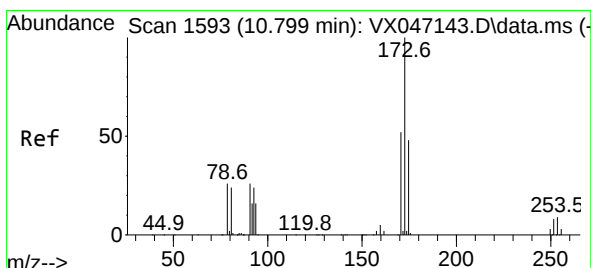
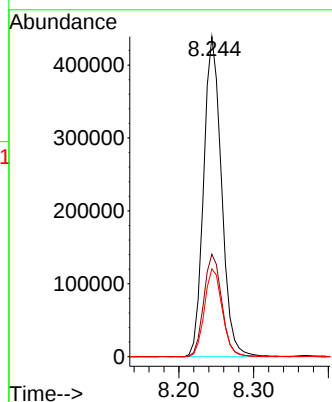
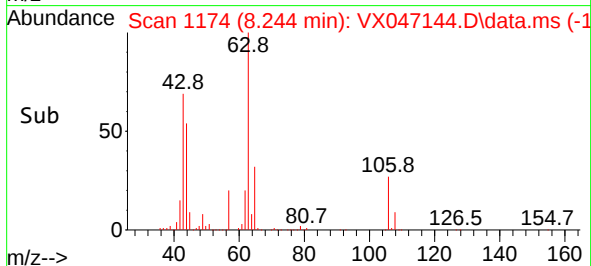
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



Tgt Ion: 63 Resp: 729049  
Ion Ratio Lower Upper  
63 100  
65 32.1 25.8 38.6  
106 27.4 22.1 33.1

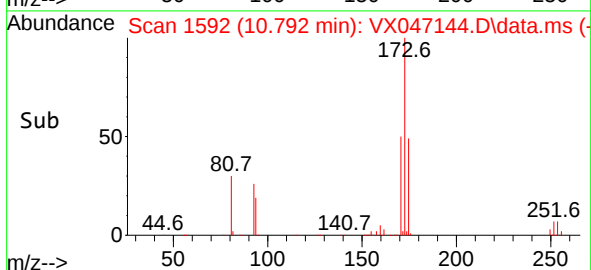
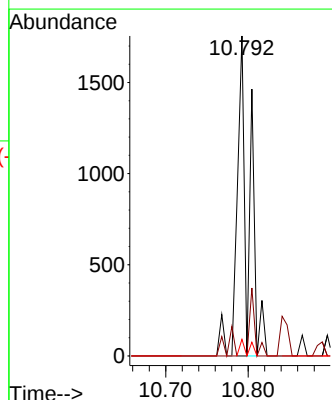
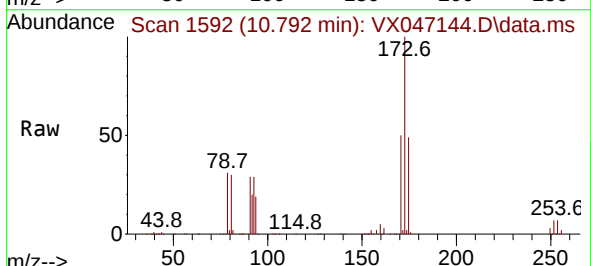
Manual Integrations  
APPROVED

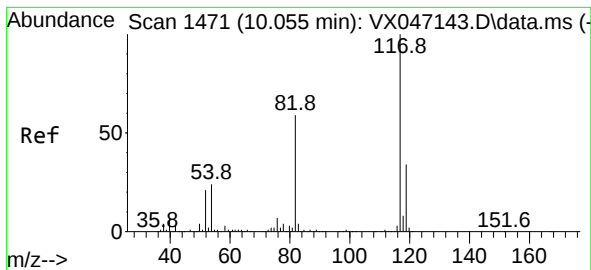
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#56  
Bromoform  
Concen: 31.518 ug/l m  
RT: 10.792 min Scan# 1592  
Delta R.T. -0.007 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

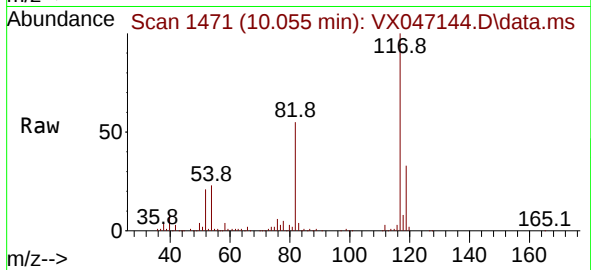
Tgt Ion:173 Resp: 1672  
Ion Ratio Lower Upper  
173 100  
175 3.5 2.6 3.8  
254 2.0 2.2 3.2#





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

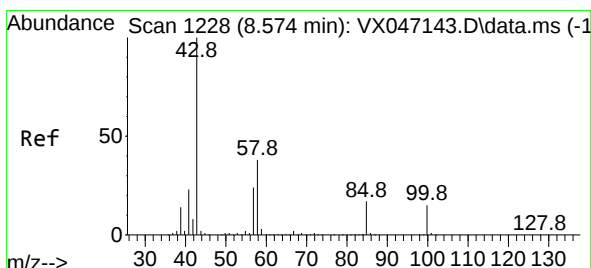
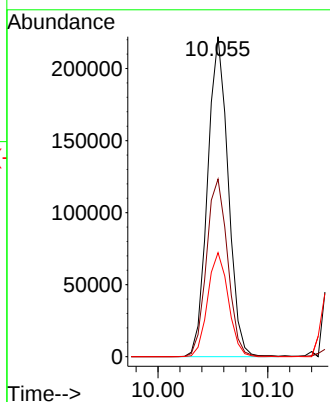
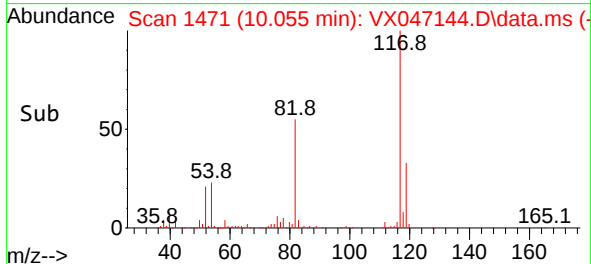
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 117 Resp: 28946  
Ion Ratio Lower Upper  
117 100  
82 57.2 46.0 69.0  
119 32.7 25.8 38.8

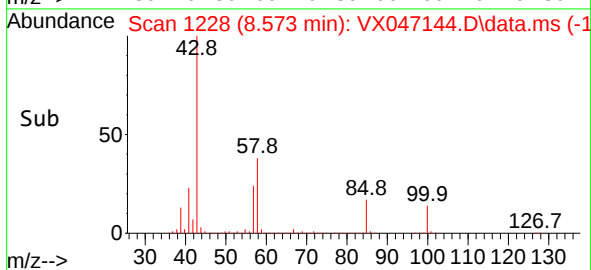
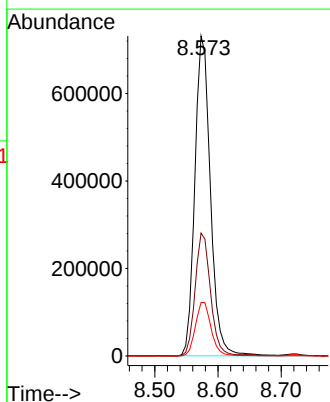
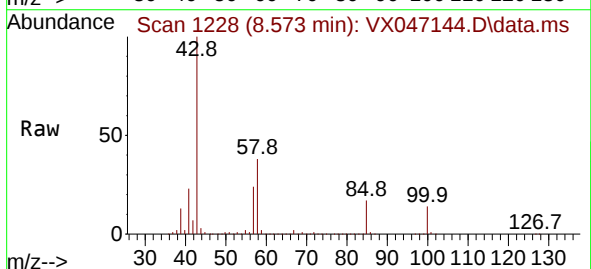
Manual Integrations  
APPROVED

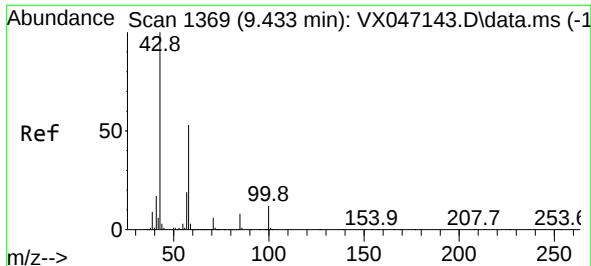
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#58  
4-Methyl-2-Pentanone  
Concen: 248.965 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

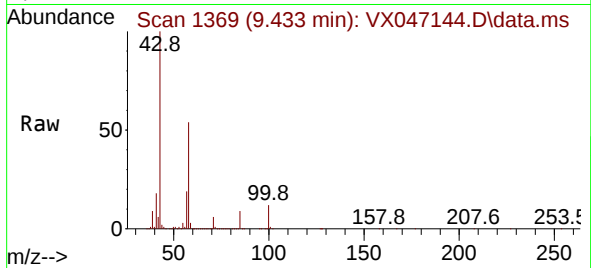
Tgt Ion: 43 Resp: 1257407  
Ion Ratio Lower Upper  
43 100  
58 37.8 30.6 45.8  
85 16.9 13.4 20.2





#59  
2-Hexanone  
Concen: 245.648 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

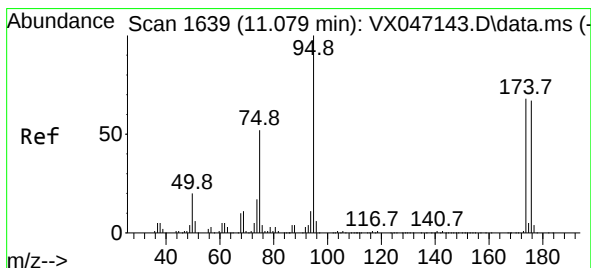
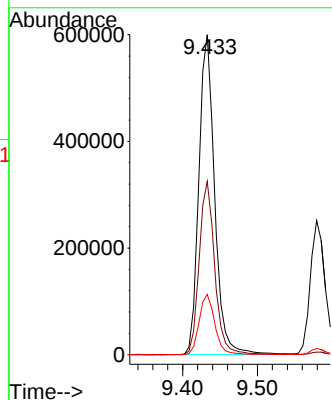
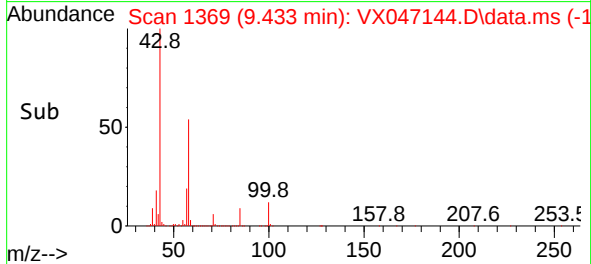
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 43 Resp: 87764  
Ion Ratio Lower Upper  
43 100  
58 53.6 42.0 63.0  
57 18.7 14.6 21.8

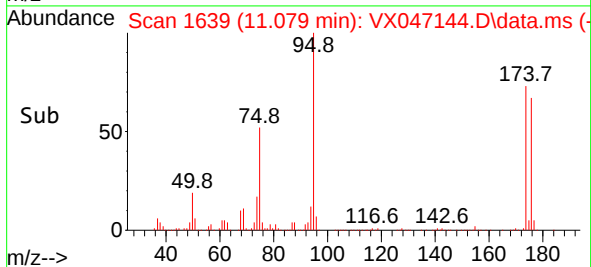
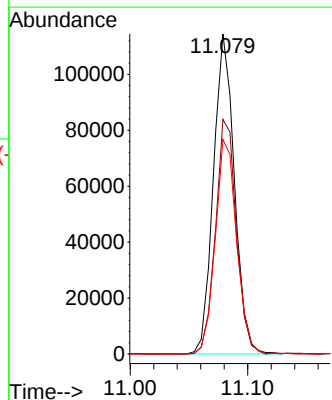
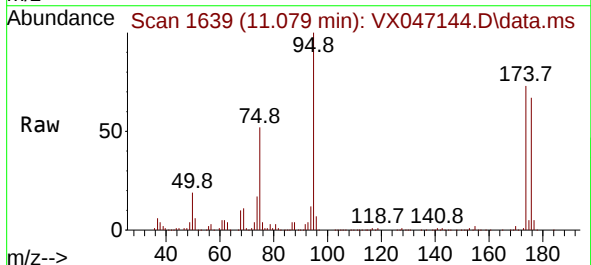
Manual Integrations  
APPROVED

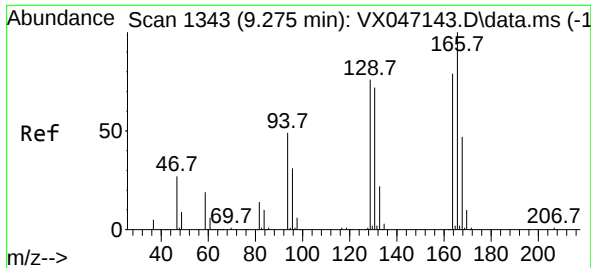
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#60  
4-Bromofluorobenzene  
Concen: 29.976 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

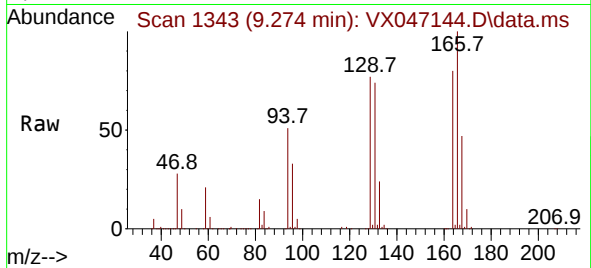
Tgt Ion: 95 Resp: 141386  
Ion Ratio Lower Upper  
95 100  
174 73.6 57.5 86.3  
176 68.4 56.4 84.6





#61  
Tetrachloroethene  
Concen: 48.127 ug/l  
RT: 9.274 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

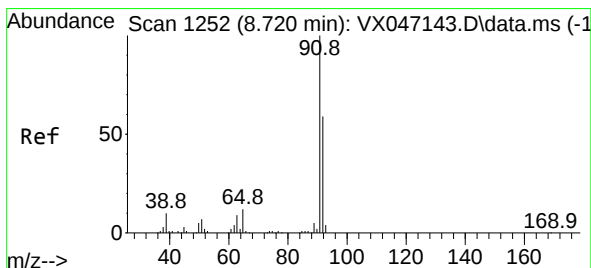
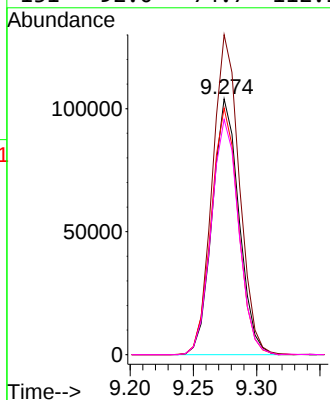
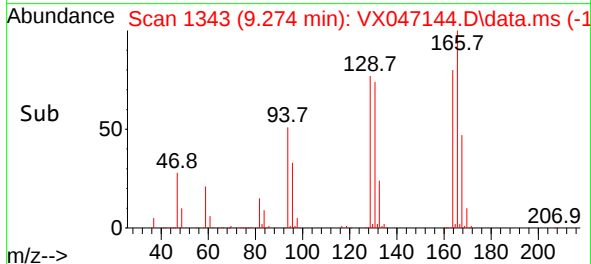
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion:164 Resp: 152539  
Ion Ratio Lower Upper  
164 100  
166 124.9 101.0 151.4  
129 96.4 78.6 117.8  
131 92.0 74.7 112.1

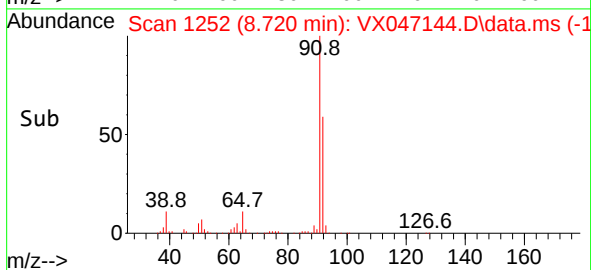
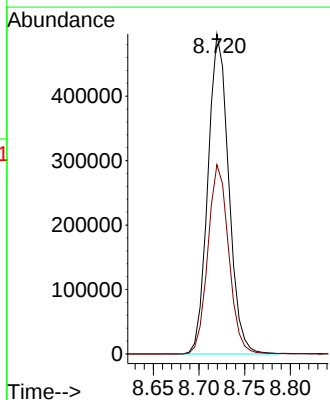
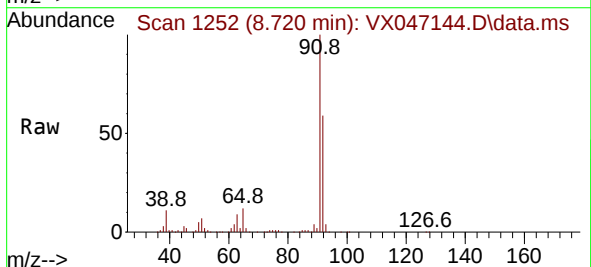
Manual Integrations  
APPROVED

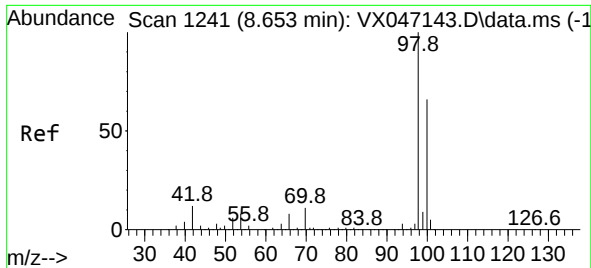
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#62  
Toluene  
Concen: 48.410 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

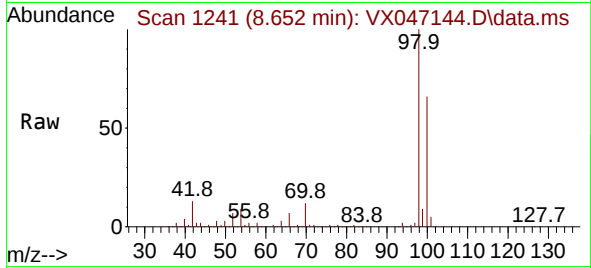
Tgt Ion: 91 Resp: 783616  
Ion Ratio Lower Upper  
91 100  
92 59.3 46.6 69.8





#63  
Toluene-d8  
Concen: 29.984 ug/l  
RT: 8.652 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

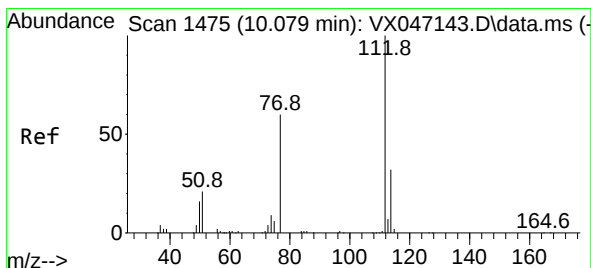
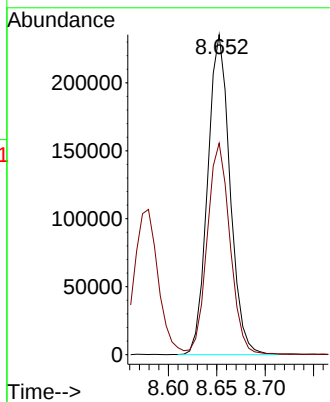
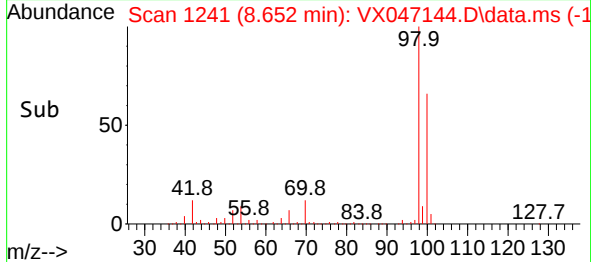
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



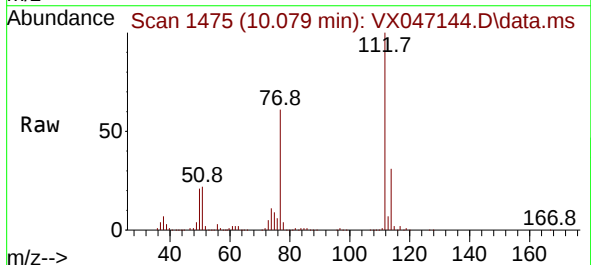
Tgt Ion: 98 Resp: 378028  
Ion Ratio Lower Upper  
98 100  
100 67.2 52.9 79.3

Manual Integrations  
APPROVED

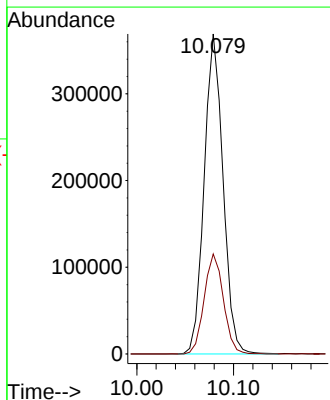
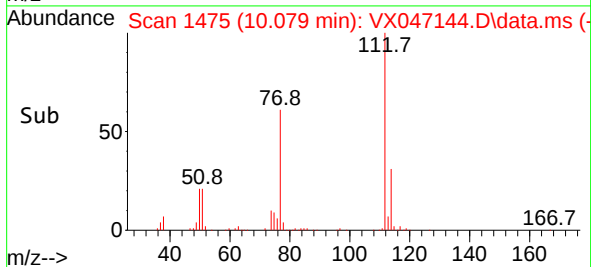
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

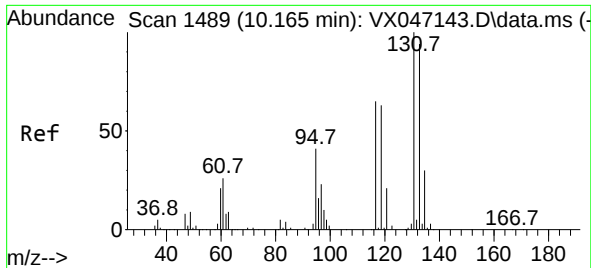


#64  
Chlorobenzene  
Concen: 48.231 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



Tgt Ion:112 Resp: 500633  
Ion Ratio Lower Upper  
112 100  
114 31.2 23.6 35.4





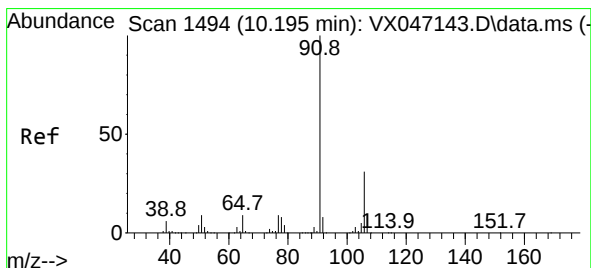
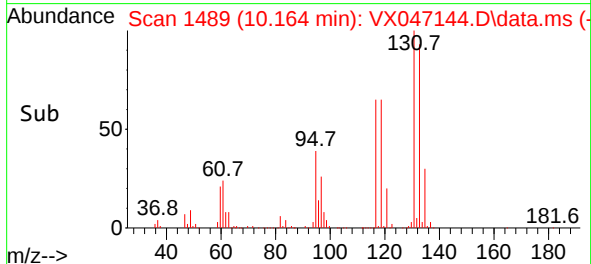
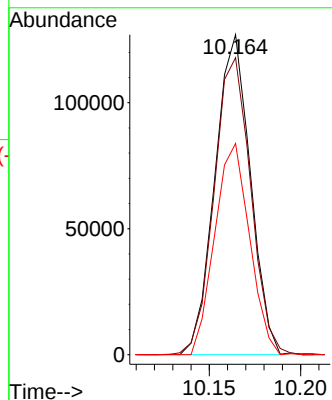
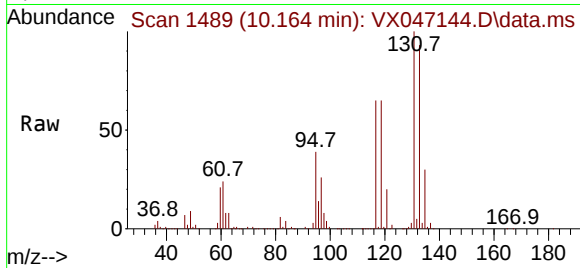
#65  
1,1,1,2-Tetrachloroethane  
Concen: 52.228 ug/l  
RT: 10.164 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion:131 Resp: 171392  
Ion Ratio Lower Upper  
131 100  
133 96.0 0.0 188.2  
119 64.7 0.0 101.8

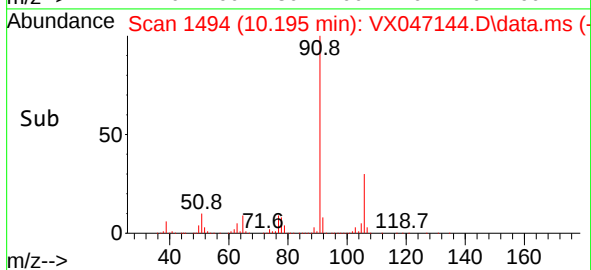
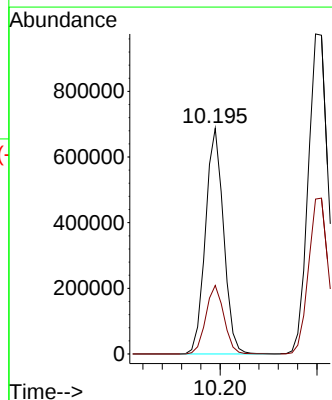
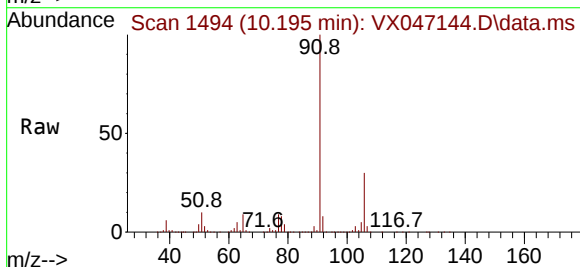
Manual Integrations  
APPROVED

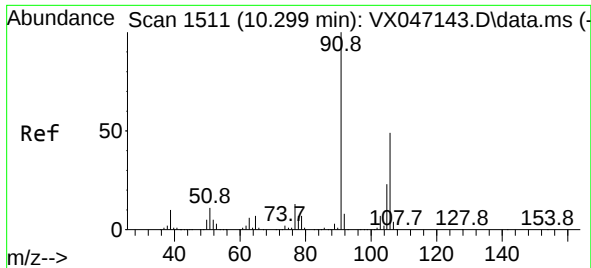
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#66  
Ethyl Benzene  
Concen: 48.423 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

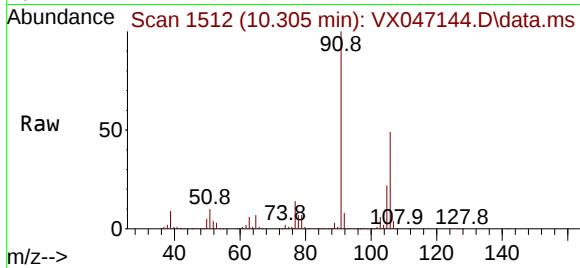
Tgt Ion: 91 Resp: 896851  
Ion Ratio Lower Upper  
91 100  
106 30.3 25.1 37.7





#67  
m/p-Xylenes  
Concen: 97.854 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

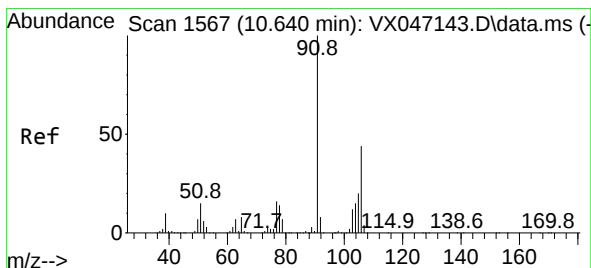
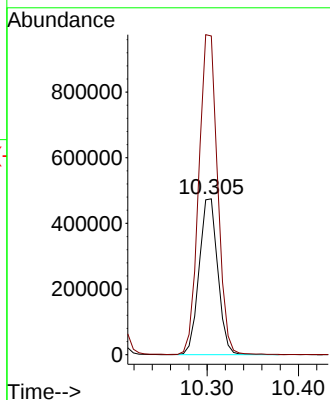
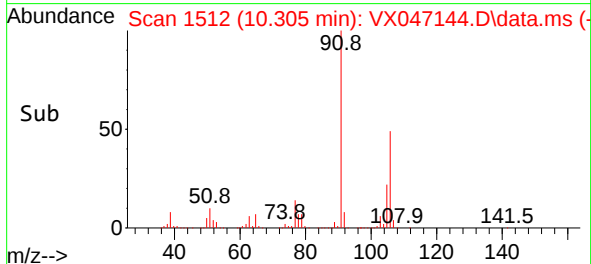
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion:106 Resp: 671639  
Ion Ratio Lower Upper  
106 100  
91 206.8 164.4 246.6

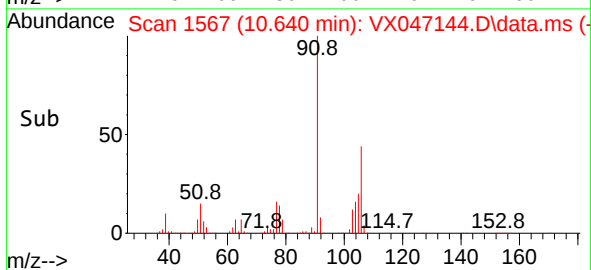
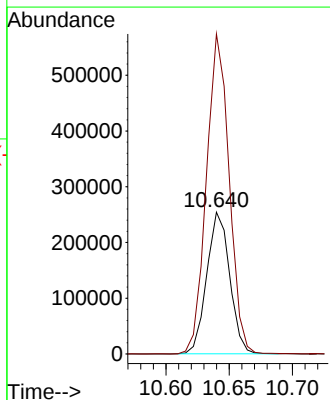
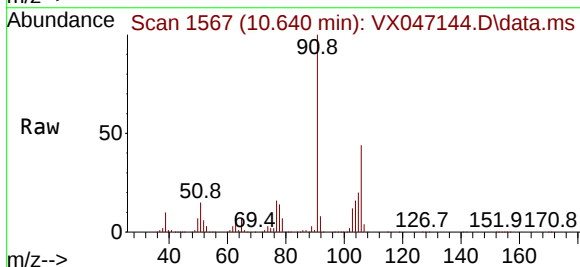
Manual Integrations  
APPROVED

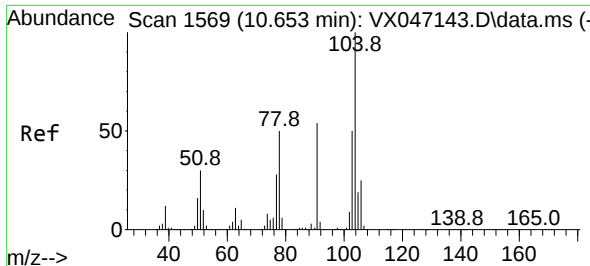
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#68  
o-Xylene  
Concen: 48.400 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

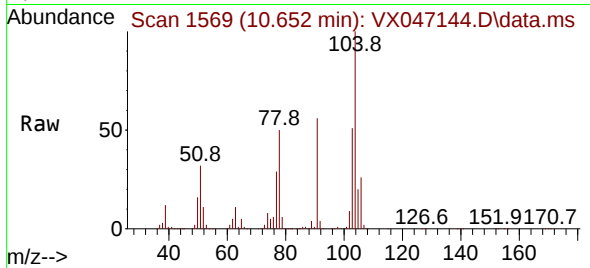
Tgt Ion:106 Resp: 320382  
Ion Ratio Lower Upper  
106 100  
91 224.1 111.3 333.8





#69  
Styrene  
Concen: 48.630 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

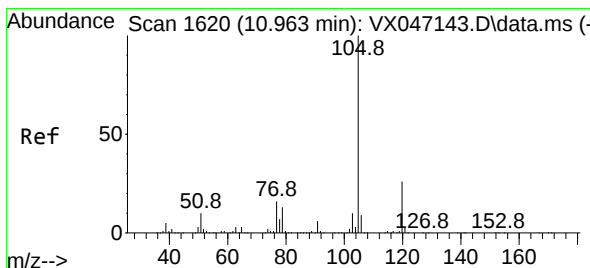
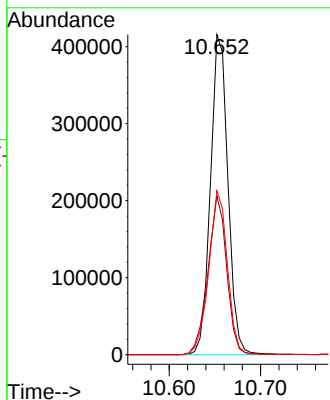
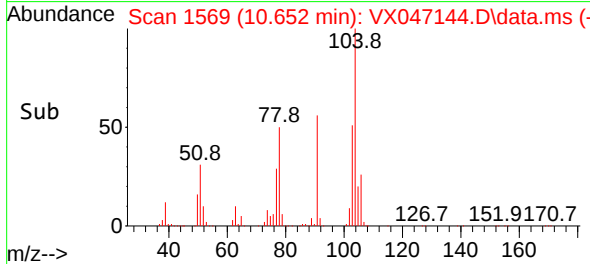
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



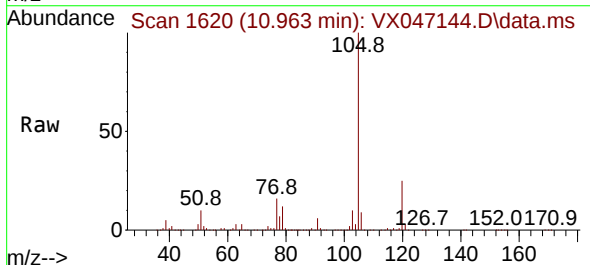
Tgt Ion:104 Resp: 552093  
Ion Ratio Lower Upper  
104 100  
78 53.0 42.6 63.8  
103 54.5 43.5 65.3

Manual Integrations  
APPROVED

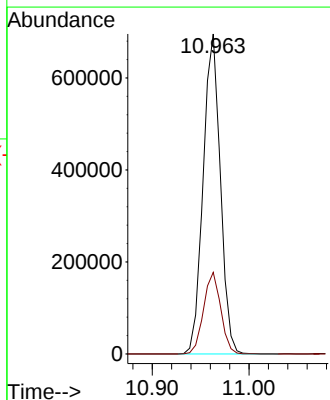
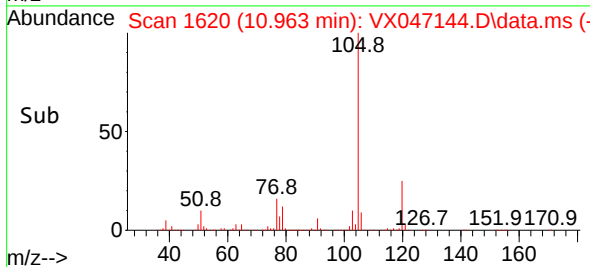
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

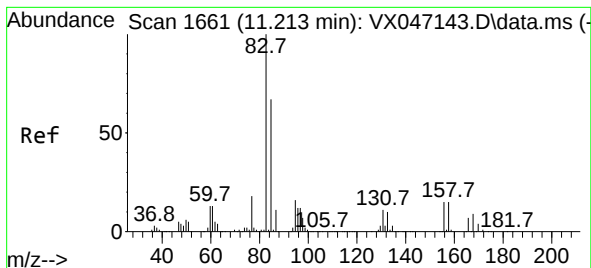


#70  
Isopropylbenzene  
Concen: 48.845 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



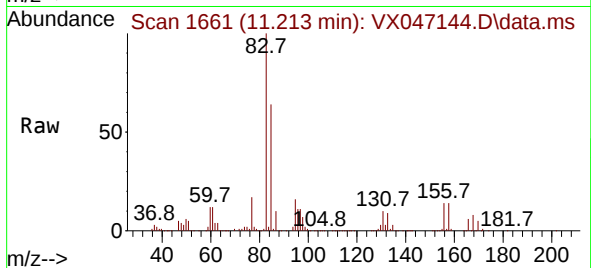
Tgt Ion:105 Resp: 861214  
Ion Ratio Lower Upper  
105 100  
120 25.4 17.8 33.0





#71  
1,1,2,2-Tetrachloroethane  
Concen: 48.740 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

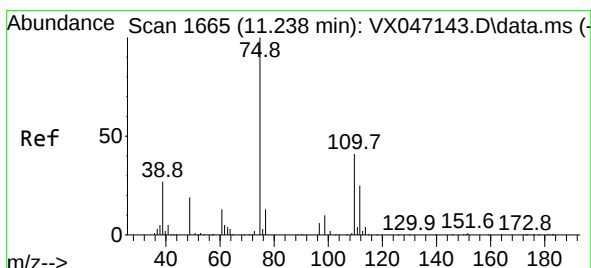
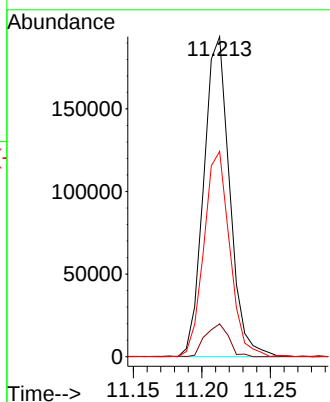
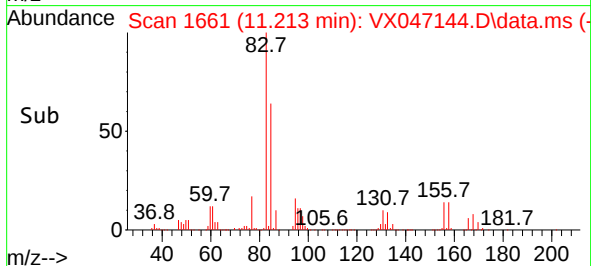
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



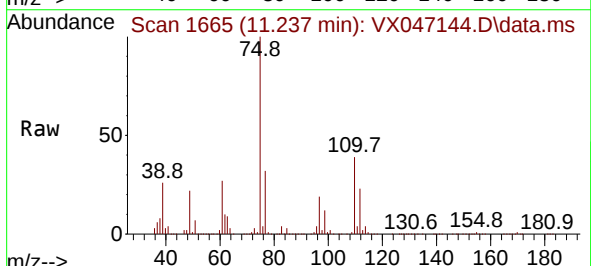
Tgt Ion: 83 Resp: 25494  
Ion Ratio Lower Upper  
83 100  
131 9.0 6.0 18.0  
85 63.8 32.3 96.9

Manual Integrations  
APPROVED

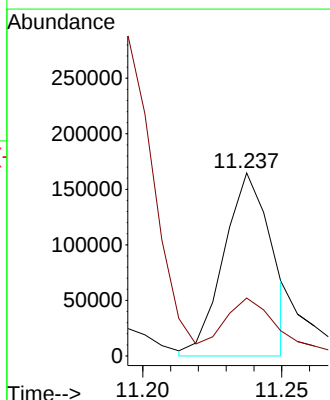
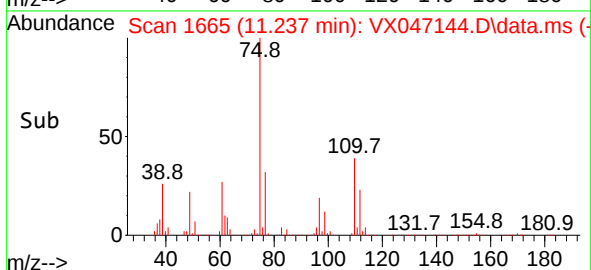
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

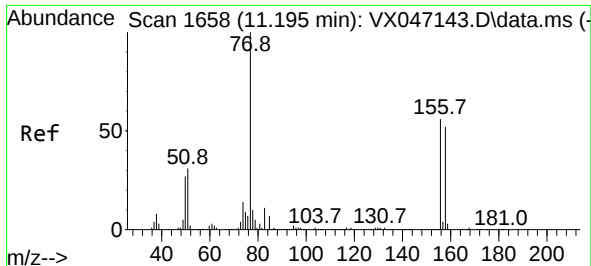


#72  
1,2,3-Trichloropropane  
Concen: 48.879 ug/l m  
RT: 11.237 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



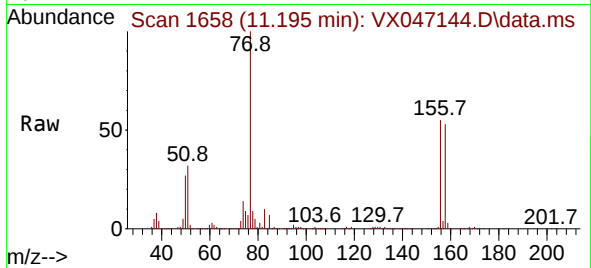
Tgt Ion: 75 Resp: 196921  
Ion Ratio Lower Upper  
75 100  
77 37.3 0.0 74.2





#73  
Bromobenzene  
Concen: 48.006 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

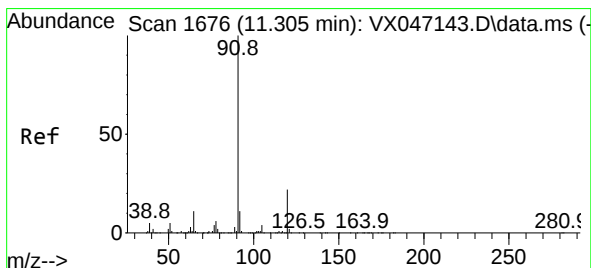
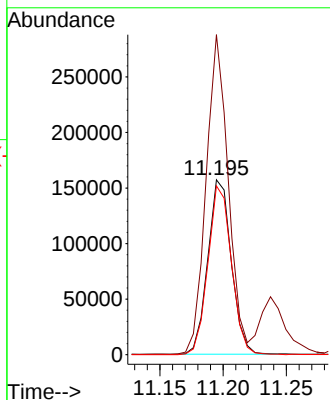
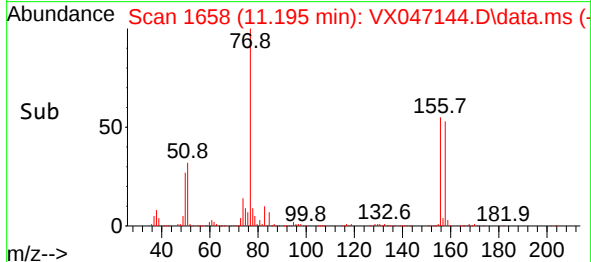
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



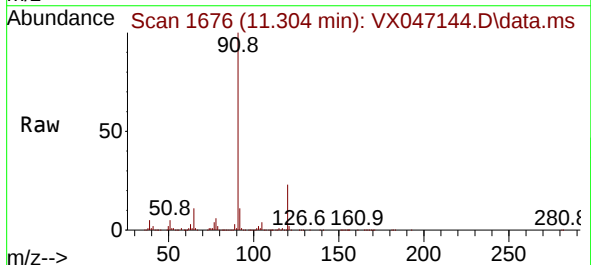
Tgt Ion:156 Resp: 202579  
Ion Ratio Lower Upper  
156 100  
77 172.8 0.0 340.8  
158 96.6 0.0 189.0

Manual Integrations  
APPROVED

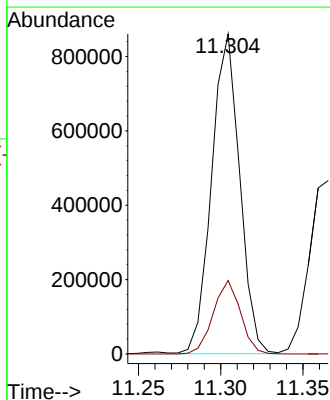
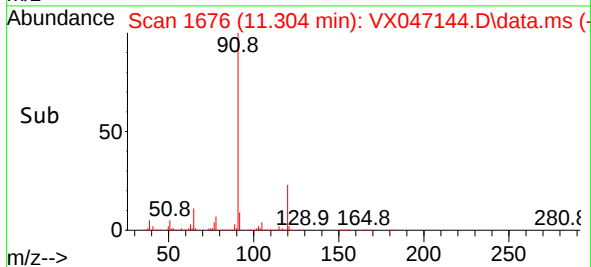
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

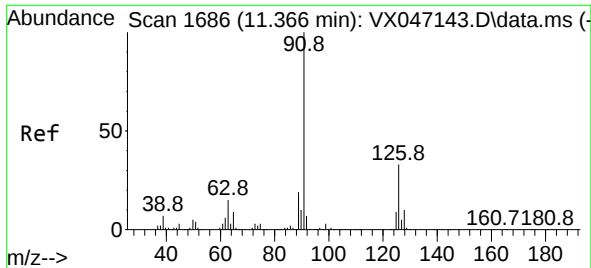


#74  
n-propylbenzene  
Concen: 48.246 ug/l  
RT: 11.304 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



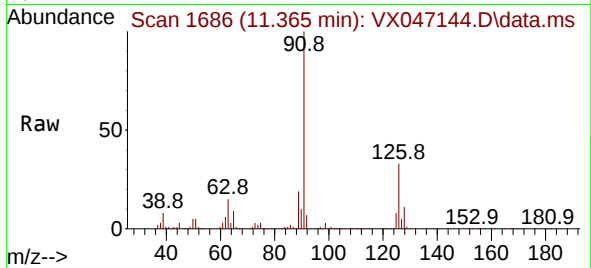
Tgt Ion: 91 Resp: 1021277  
Ion Ratio Lower Upper  
91 100  
120 22.3 0.0 44.4





#75  
2-Chlorotoluene  
Concen: 48.046 ug/l  
RT: 11.365 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

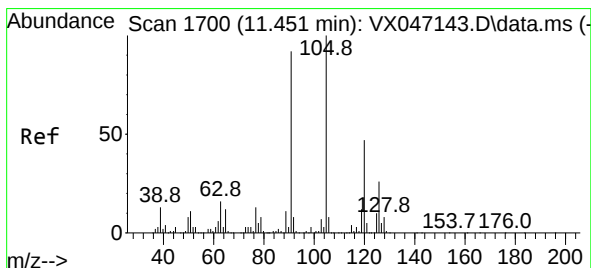
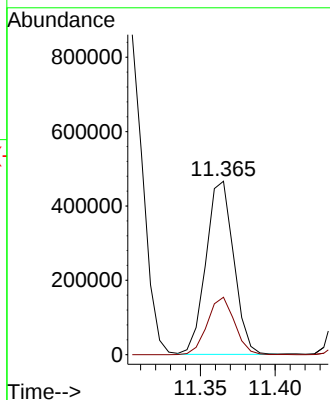
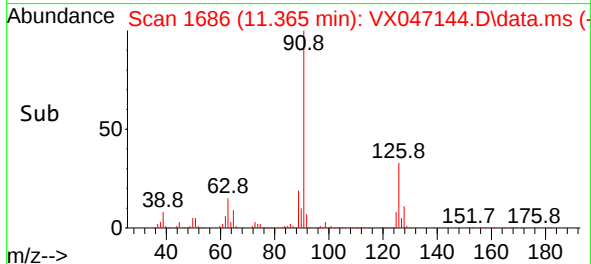
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



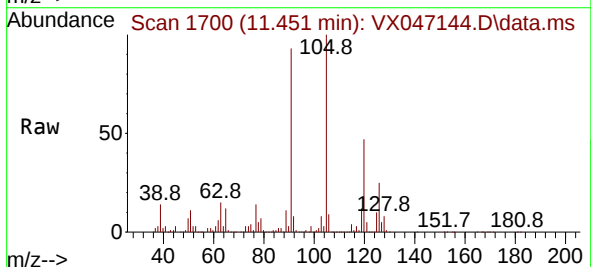
Tgt Ion: 91 Resp: 60187  
Ion Ratio Lower Upper  
91 100  
126 32.5 0.0 63.6

Manual Integrations  
APPROVED

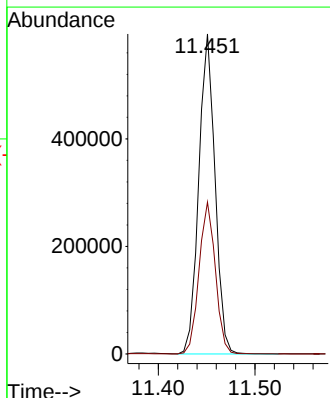
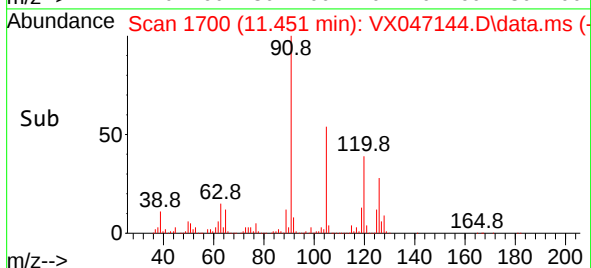
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

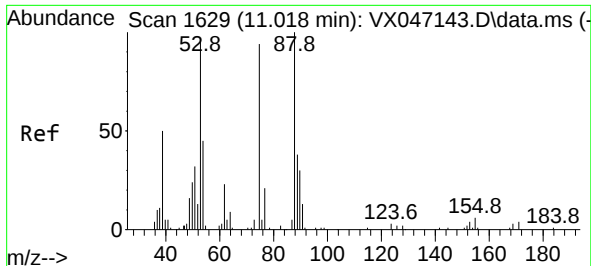


#76  
1,3,5-Trimethylbenzene  
Concen: 48.023 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



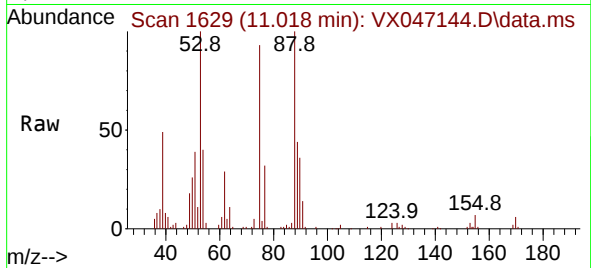
Tgt Ion:105 Resp: 696653  
Ion Ratio Lower Upper  
105 100  
120 47.5 0.0 93.0





#77  
t-1,4-Dichloro-2-butene  
Concen: 39.997 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

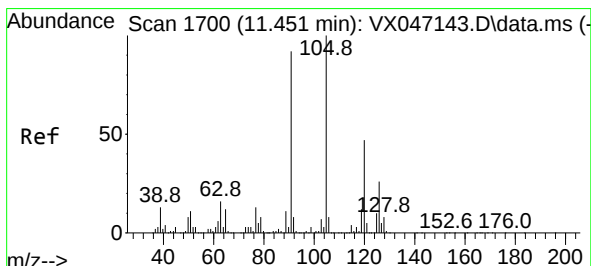
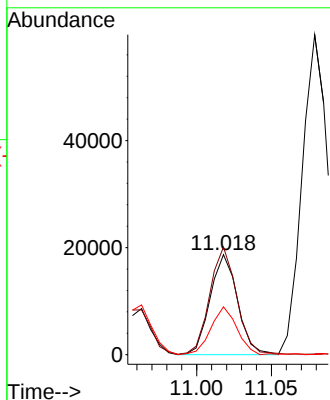
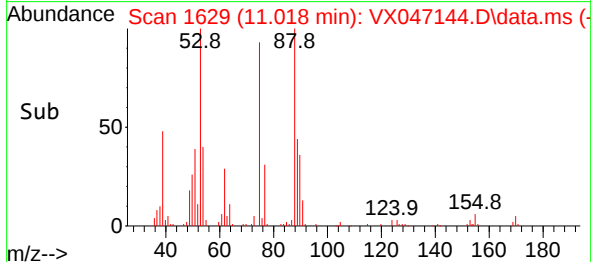
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 75 Resp: 23849  
Ion Ratio Lower Upper  
75 100  
53 104.3 48.4 145.2  
89 84.2 33.8 101.3

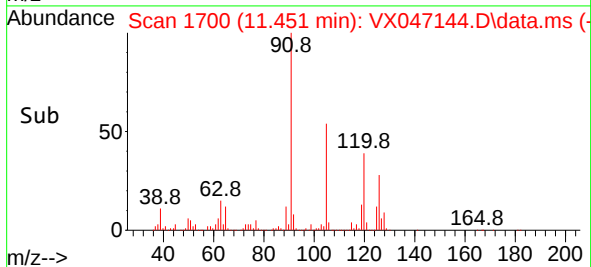
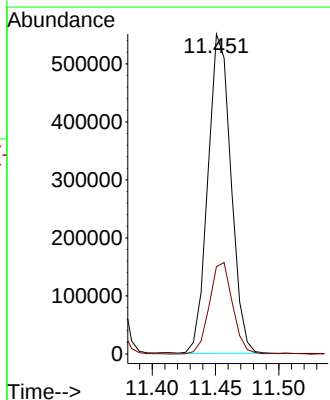
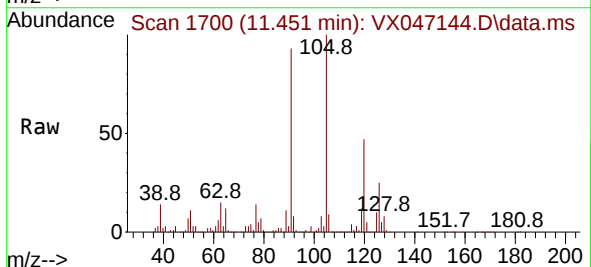
Manual Integrations  
APPROVED

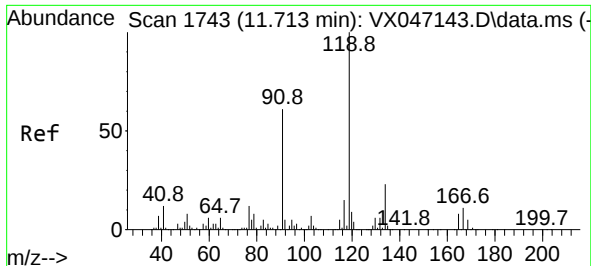
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#78  
4-Chlorotoluene  
Concen: 48.302 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Tgt Ion: 91 Resp: 697697  
Ion Ratio Lower Upper  
91 100  
126 28.8 0.0 57.2





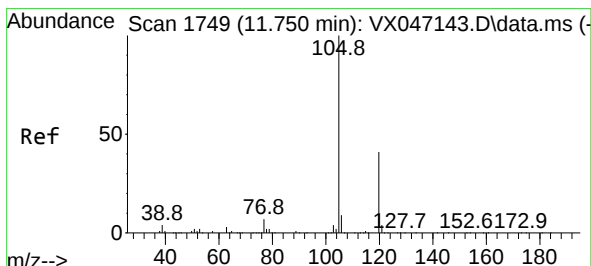
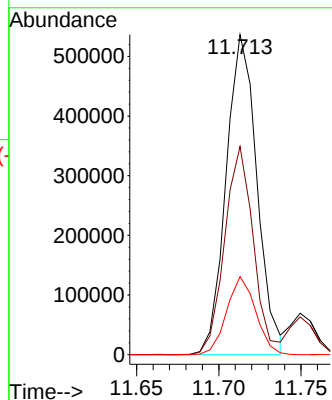
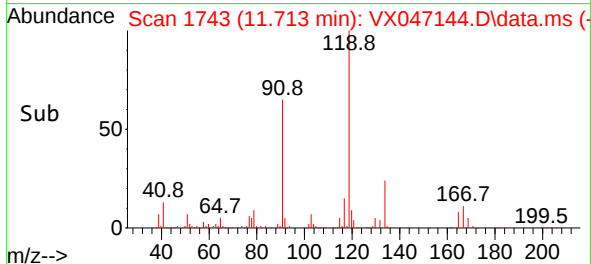
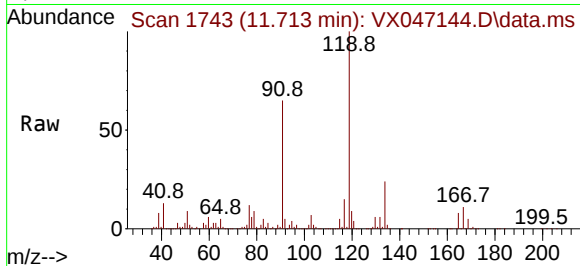
#79  
tert-butylbenzene  
Concen: 48.296 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050

Tgt Ion:119 Resp: 701152  
Ion Ratio Lower Upper  
119 100  
91 60.8 0.0 120.6  
134 23.0 0.0 46.0

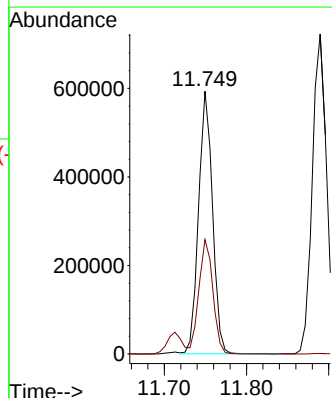
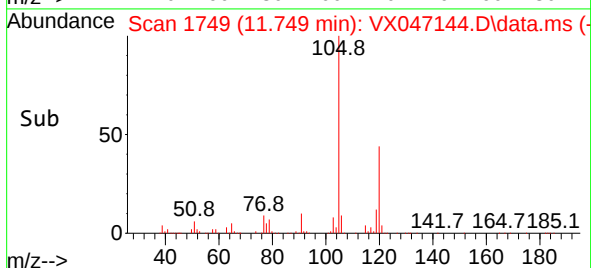
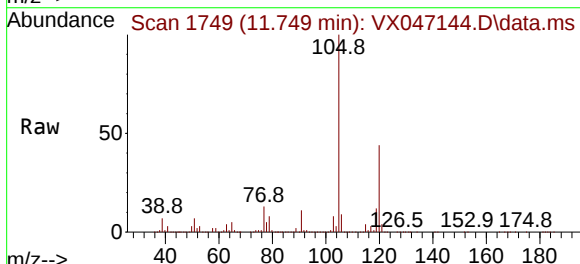
Manual Integrations  
APPROVED

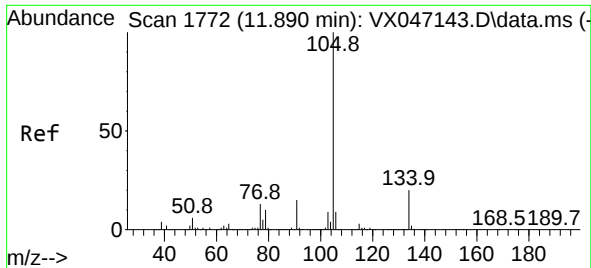
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#80  
1,2,4-Trimethylbenzene  
Concen: 48.549 ug/l  
RT: 11.749 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

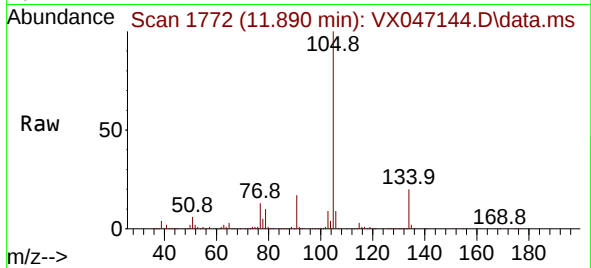
Tgt Ion:105 Resp: 698550  
Ion Ratio Lower Upper  
105 100  
120 43.4 0.0 88.6





#81  
 sec-Butylbenzene  
 Concen: 48.054 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX047144.D  
 Acq: 25 Jul 2025 16:01

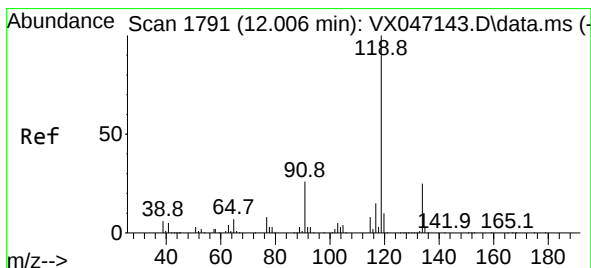
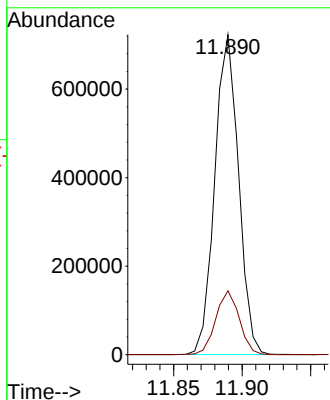
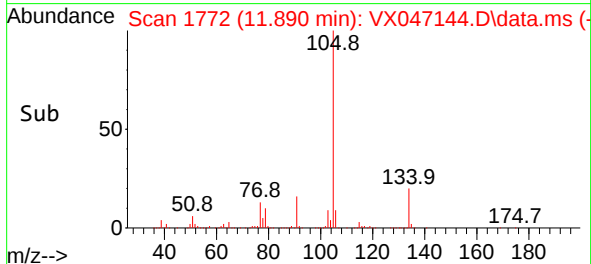
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC050



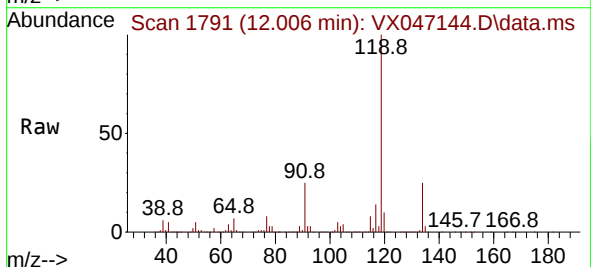
Tgt Ion:105 Resp: 870654  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 0.0 39.4

Manual Integrations  
 APPROVED

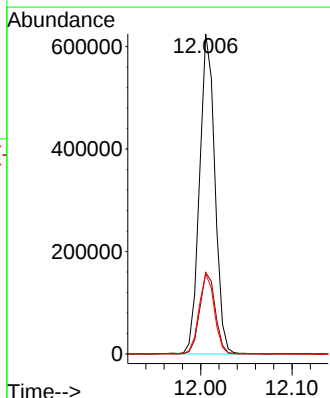
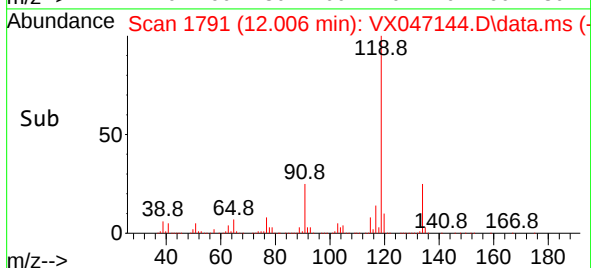
Reviewed By :John Carlone 07/28/2025  
 Supervised By :Mahesh Dadoda 07/28/2025

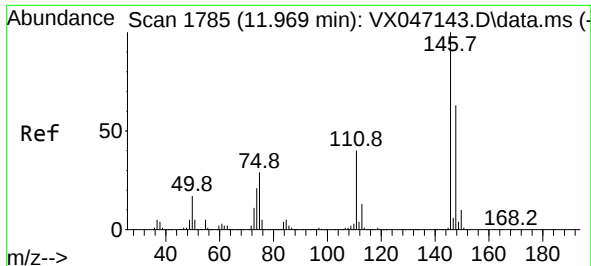


#82  
 p-Isopropyltoluene  
 Concen: 48.293 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX047144.D  
 Acq: 25 Jul 2025 16:01



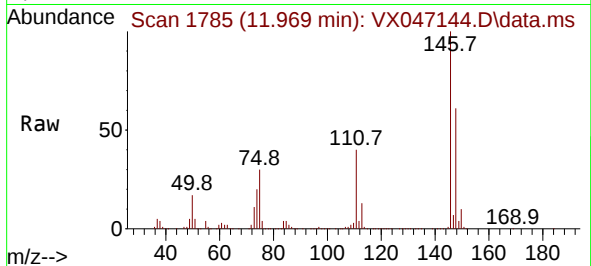
Tgt Ion:119 Resp: 727062  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 0.0 50.8  
 91 24.9 0.0 51.0





#83  
1,3-Dichlorobenzene  
Concen: 48.394 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

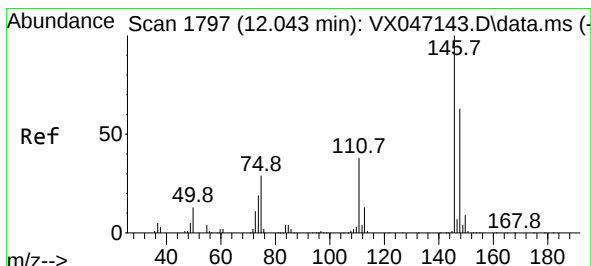
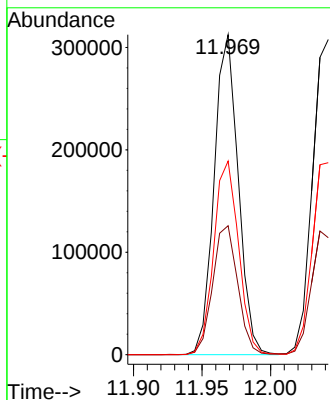
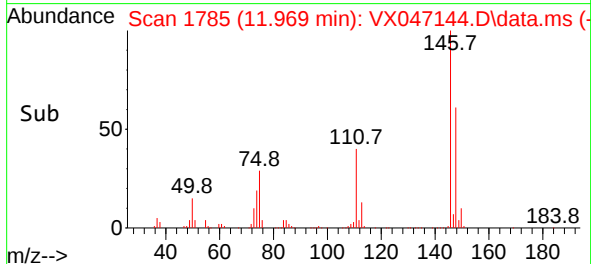
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



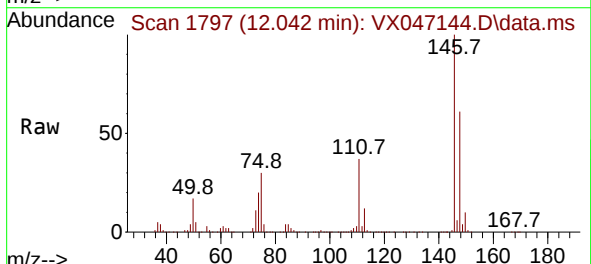
Tgt Ion:146 Resp: 38155  
Ion Ratio Lower Upper  
146 100  
111 42.0 20.7 62.1  
148 62.6 31.8 95.3

Manual Integrations  
APPROVED

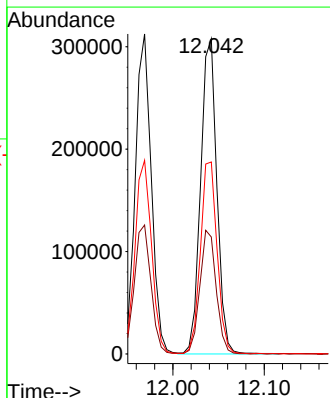
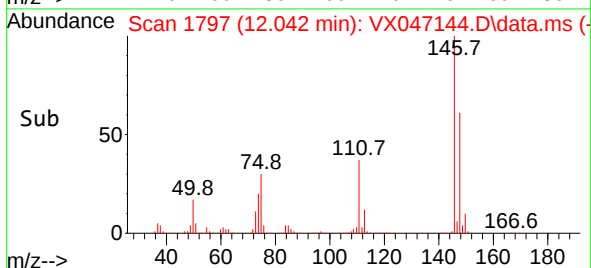
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

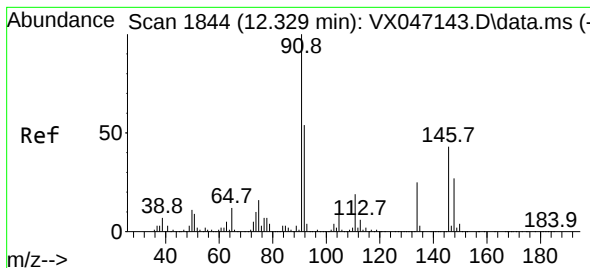


#84  
1,4-Dichlorobenzene  
Concen: 48.722 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



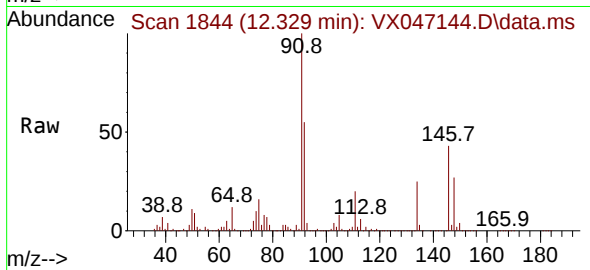
Tgt Ion:146 Resp: 380717  
Ion Ratio Lower Upper  
146 100  
111 39.5 20.4 61.3  
148 62.6 32.3 96.8





#85  
n-Butylbenzene  
Concen: 47.523 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

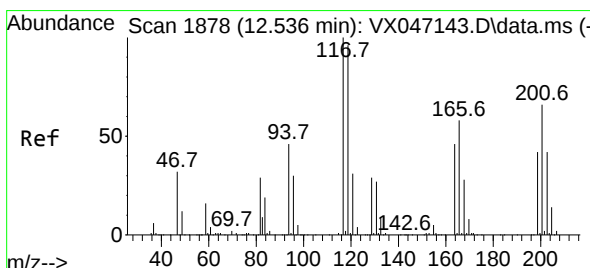
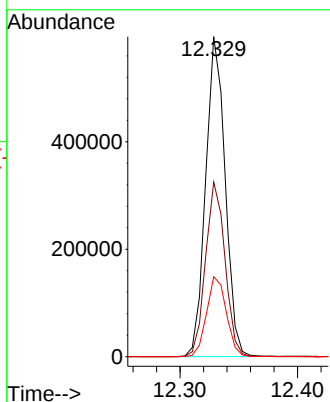
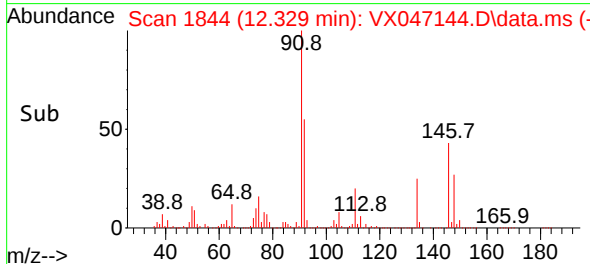
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion: 91 Resp: 686624  
Ion Ratio Lower Upper  
91 100  
92 54.6 0.0 107.8  
134 25.2 0.0 50.0

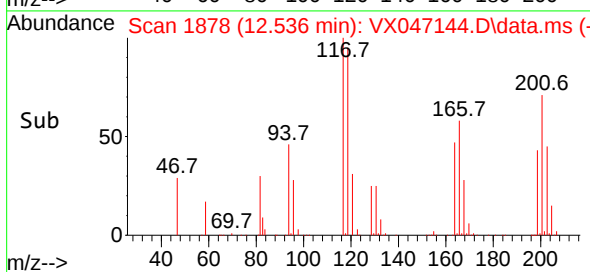
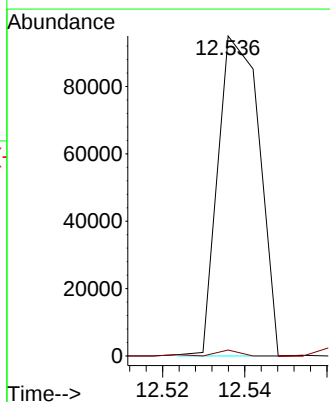
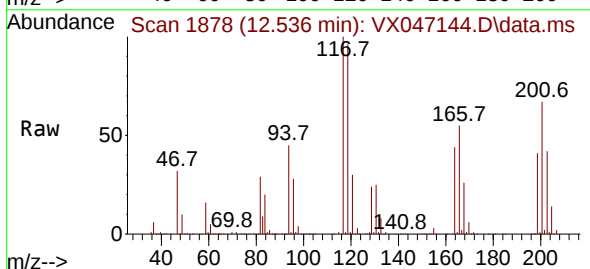
Manual Integrations  
APPROVED

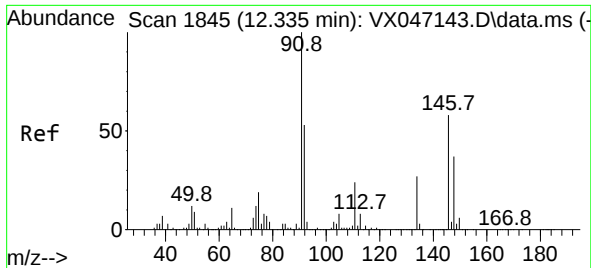
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#86  
Hexachloroethane  
Concen: 31.692 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

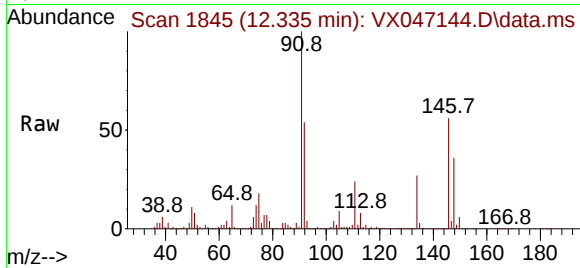
Tgt Ion:117 Resp: 66347  
Ion Ratio Lower Upper  
117 100  
201 1.0 0.5 1.5





#87  
1,2-Dichlorobenzene  
Concen: 48.545 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

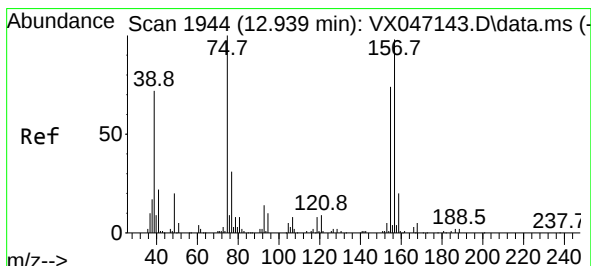
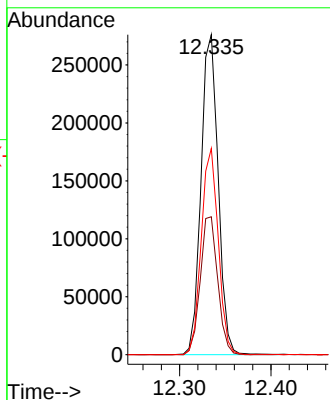
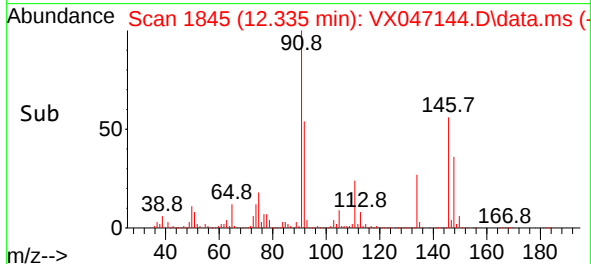
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



Tgt Ion:146 Resp: 35896  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.8 65.3  
148 63.8 32.4 97.0

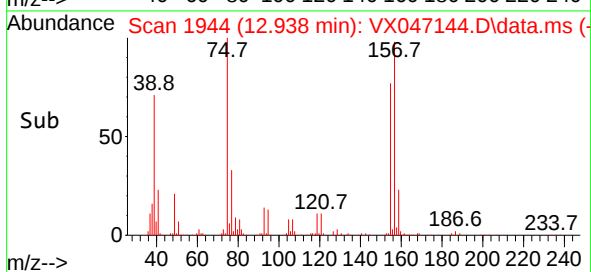
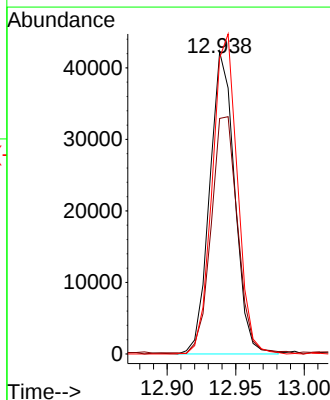
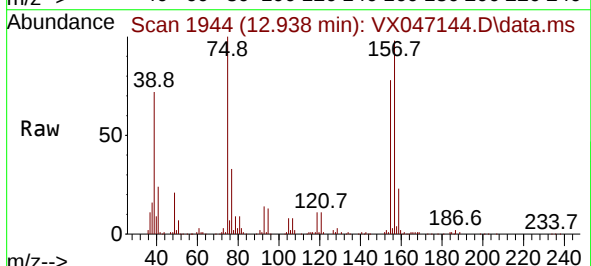
Manual Integrations  
APPROVED

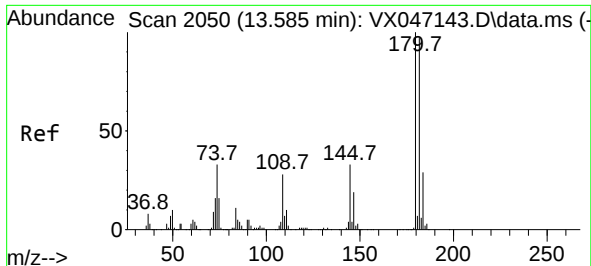
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 47.310 ug/l  
RT: 12.938 min Scan# 1944  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

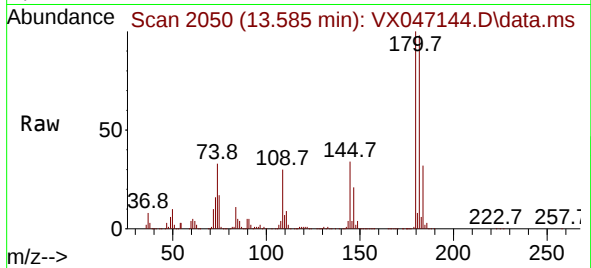
Tgt Ion: 75 Resp: 53573  
Ion Ratio Lower Upper  
75 100  
155 82.5 65.4 98.2  
157 105.8 82.0 123.0





#89  
1,2,4-Trichlorobenzene  
Concen: 46.729 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

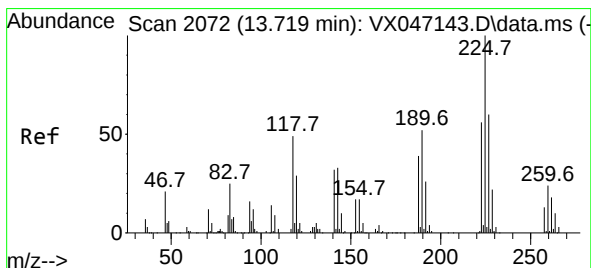
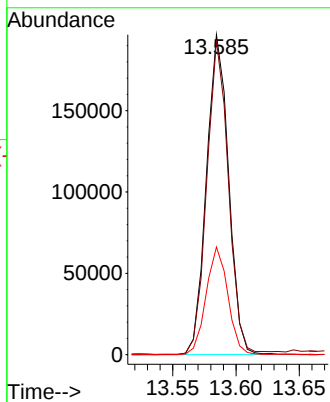
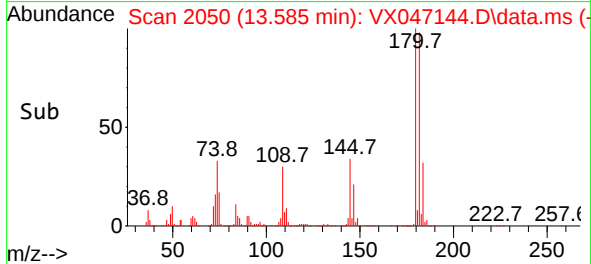
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC050



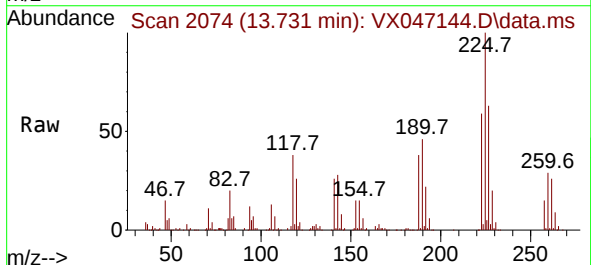
Tgt Ion:180 Resp: 238909  
Ion Ratio Lower Upper  
180 100  
182 95.8 78.2 117.2  
145 33.2 26.5 39.7

Manual Integrations  
APPROVED

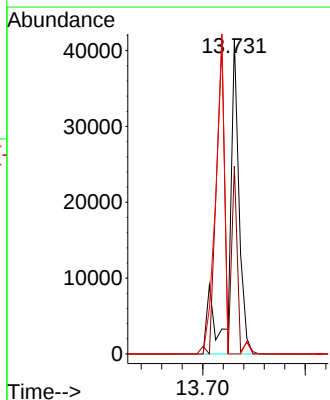
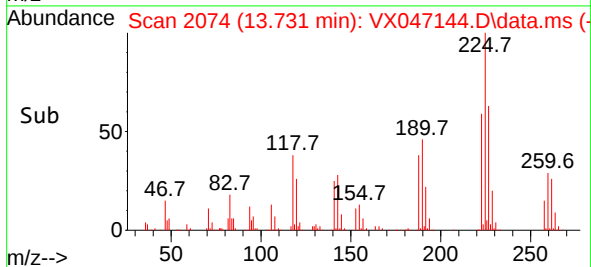
Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025

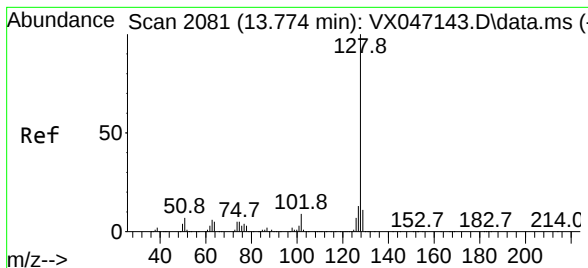


#90  
Hexachlorobutadiene  
Concen: 23.894 ug/l m  
RT: 13.731 min Scan# 2074  
Delta R.T. 0.012 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



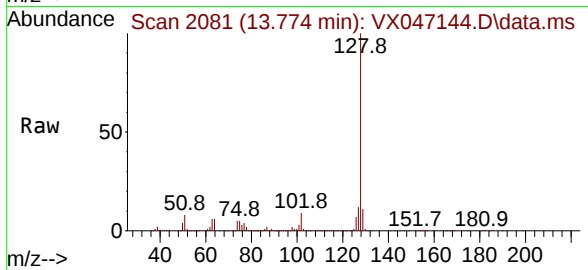
Tgt Ion:225 Resp: 27146  
Ion Ratio Lower Upper  
225 100  
223 33.7 0.0 73.8  
227 0.0 0.0 130.6





#91  
Naphthalene  
Concen: 46.566 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01

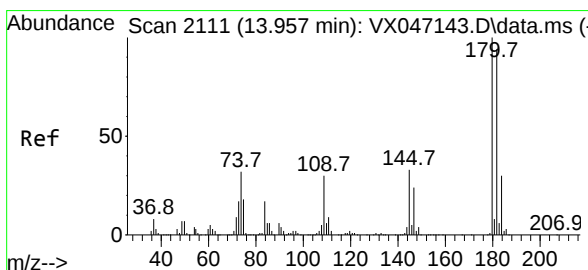
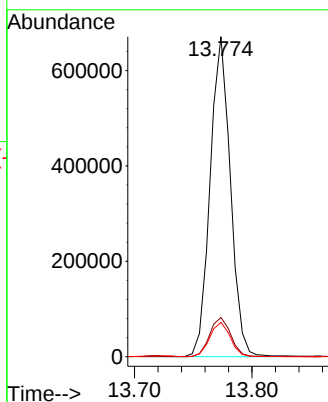
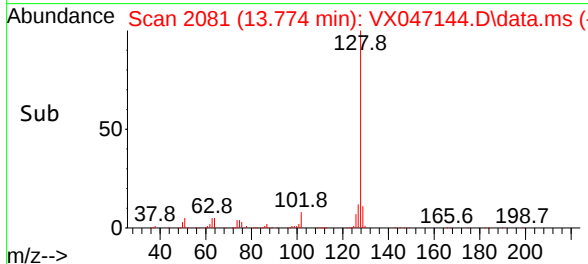
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC050



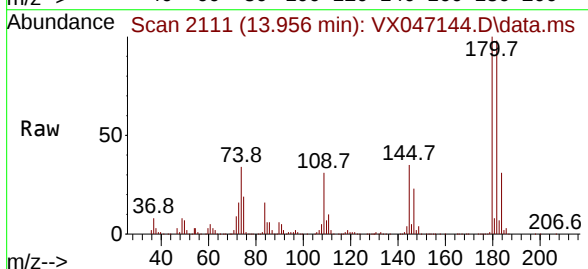
Tgt Ion:128 Resp: 803634  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.9 9.0 13.4

Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/28/2025  
Supervised By :Mahesh Dadoda 07/28/2025



#92  
1,2,3-Trichlorobenzene  
Concen: 46.993 ug/l  
RT: 13.956 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: VX047144.D  
Acq: 25 Jul 2025 16:01



Tgt Ion:180 Resp: 230539  
Ion Ratio Lower Upper  
180 100  
182 95.5 0.0 189.0  
145 35.0 0.0 69.2

