

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061025\  
 Data File : VX046620.D  
 Acq On : 10 Jun 2025 22:26  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX061025

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 06/11/2025  
 Supervised By : Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 06:31:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X061025W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 11 06:20:28 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon     | Response | Conc    | Units    | Dev(Min) |
|------------------------------|--------|----------|----------|---------|----------|----------|
| -----                        |        |          |          |         |          |          |
| Internal Standards           |        |          |          |         |          |          |
| 1) Bromochloromethane        | 4.916  | 128      | 19502    | 30.000  | ug/l     | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.769  | 114      | 102720   | 30.000  | ug/l     | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117      | 94298    | 30.000  | ug/l     | 0.00     |
|                              |        |          |          |         |          |          |
| System Monitoring Compounds  |        |          |          |         |          |          |
| 27) 1,2-Dichloroethane-d4    | 5.964  | 65       | 47044    | 29.800  | ug/l     | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 110 | Recovery | =       | 99.333%  |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95       | 47841    | 30.100  | ug/l     | 0.00     |
| Spiked Amount 30.000         | Range  | 63 - 112 | Recovery | =       | 100.333% |          |
| 63) Toluene-d8               | 8.653  | 98       | 127505   | 30.271  | ug/l     | 0.00     |
| Spiked Amount 30.000         | Range  | 91 - 112 | Recovery | =       | 100.900% |          |
|                              |        |          |          |         |          |          |
| Target Compounds             |        |          |          |         |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.185  | 85       | 23255    | 18.341  | ug/l     | 95       |
| 3) Chloromethane             | 1.307  | 50       | 23695    | 18.139  | ug/l     | 96       |
| 4) Vinyl Chloride            | 1.386  | 62       | 23516    | 18.673  | ug/l     | 98       |
| 5) Bromomethane              | 1.630  | 94       | 16055    | 21.347  | ug/l     | 97       |
| 6) Chloroethane              | 1.703  | 64       | 13014    | 17.987  | ug/l     | 95       |
| 7) Trichlorofluoromethane    | 1.904  | 101      | 34019    | 18.859  | ug/l     | 100      |
| 8) Diethyl Ether             | 2.148  | 74       | 11129    | 17.609  | ug/l     | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.343  | 101      | 22388    | 18.654  | ug/l     | 98       |
| 10) 1,1-Dichloroethene       | 2.337  | 96       | 21173    | 18.187  | ug/l     | 93       |
| 11) Methyl Iodide            | 2.471  | 142      | 28540    | 17.981  | ug/l     | 99       |
| 12) Methyl Acetate           | 2.715  | 43       | 23837    | 16.244  | ug/l     | 95       |
| 13) Acrolein                 | 2.252  | 56       | 15494    | 107.751 | ug/l     | 98       |
| 14) Acrylonitrile            | 3.075  | 53       | 56070    | 92.978  | ug/l     | 100      |
| 15) Acetone                  | 2.386  | 58       | 13263    | 96.180  | ug/l     | 93       |
| 16) Carbon Disulfide         | 2.532  | 76       | 61158    | 18.935  | ug/l     | 99       |
| 17) Allyl chloride           | 2.678  | 41       | 38539    | 18.246  | ug/l     | 97       |
| 18) Methylene Chloride       | 2.800  | 84       | 24288    | 18.904  | ug/l     | 93       |
| 19) trans-1,2-Dichloroethene | 3.111  | 96       | 22089    | 18.309  | ug/l     | 98       |
| 20) Diisopropyl ether        | 3.770  | 45       | 77020    | 19.273  | ug/l #   | 84       |
| 21) 1,1-Dichloroethane       | 3.629  | 63       | 42965    | 18.765  | ug/l     | 99       |
| 22) cis-1,2-Dichloroethene   | 4.507  | 96       | 26042    | 18.515  | ug/l     | 97       |
| 23) tert-Butyl Alcohol       | 2.959  | 59       | 10713m   | 87.957  | ug/l     |          |
| 24) Methyl tert-Butyl Ether  | 3.123  | 73       | 67674    | 19.029  | ug/l     | 99       |
| 25) Chloroform               | 5.111  | 83       | 44938    | 19.068  | ug/l     | 94       |
| 26) Cyclohexane              | 5.483  | 56       | 40470    | 19.372  | ug/l #   | 99       |
| 29) 1,1-Dichloropropene      | 5.702  | 75       | 31429    | 19.447  | ug/l     | 99       |
| 30) 2-Butanone               | 4.568  | 43       | 69729    | 96.829  | ug/l     | 99       |
| 31) 2,2-Dichloropropane      | 4.489  | 77       | 26066    | 18.167  | ug/l     | 99       |
| 32) 1,1,1-Trichloroethane    | 5.397  | 97       | 38918    | 19.489  | ug/l     | 98       |
| 33) Carbon Tetrachloride     | 5.690  | 117      | 34697    | 19.577  | ug/l     | 95       |
| 34) Benzene                  | 6.050  | 78       | 91082    | 19.182  | ug/l     | 100      |
| 35) Methacrylonitrile        | 4.934  | 41       | 16567    | 18.761  | ug/l     | 97       |
| 36) 1,2-Dichloroethane       | 6.092  | 62       | 35133    | 19.556  | ug/l     | 100      |
| 37) Trichloroethene          | 7.135  | 130      | 22786    | 19.124  | ug/l     | 93       |
| 38) Methylcyclohexane        | 7.385  | 83       | 39592    | 19.300  | ug/l     | 98       |
| 39) 1,2-Dichloropropane      | 7.434  | 63       | 22488    | 18.986  | ug/l     | 93       |
| 40) Dibromomethane           | 7.586  | 93       | 17216    | 19.442  | ug/l     | 99       |
| 41) Bromodichloromethane     | 7.824  | 83       | 35030    | 19.418  | ug/l #   | 97       |
| 42) Vinyl Acetate            | 3.733  | 43       | 311920   | 100.381 | ug/l     | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061025\  
 Data File : VX046620.D  
 Acq On : 10 Jun 2025 22:26  
 Operator : JC/MD  
 Sample : VSTDICV020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX061025

Manual Integrations  
 APPROVED

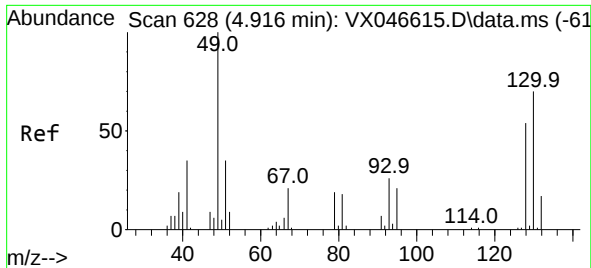
Reviewed By : John Carlone 06/11/2025  
 Supervised By : Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 06:31:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X061025W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jun 11 06:20:28 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.727  | 43   | 30123    | 19.747  | ug/l # | 91       |
| 44) Isopropyl Acetate         | 6.348  | 43   | 47093    | 19.737  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.659  | 88   | 6089     | 404.565 | ug/l # | 90       |
| 46) Methyl methacrylate       | 7.702  | 41   | 25547    | 19.609  | ug/l   | 97       |
| 47) n-amyl Acetate            | 10.842 | 43   | 41994    | 19.676  | ug/l   | 100      |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 29793    | 18.423  | ug/l   | 99       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 35002    | 19.386  | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 21725    | 19.467  | ug/l   | 98       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 32296    | 19.032  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 37211    | 19.143  | ug/l   | 96       |
| 53) Dibromochloromethane      | 9.519  | 129  | 25255    | 19.199  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 22587    | 19.241  | ug/l   | 99       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 88573    | 99.945  | ug/l   | 100      |
| 56) Bromoform                 | 10.799 | 173  | 15704    | 19.319  | ug/l   | 98       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 151408   | 98.710  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 105767   | 97.744  | ug/l   | 98       |
| 61) Tetrachloroethene         | 9.275  | 164  | 19049    | 19.275  | ug/l   | 99       |
| 62) Toluene                   | 8.720  | 91   | 99135    | 19.399  | ug/l   | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 63797    | 19.355  | ug/l   | 99       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 21209    | 19.199  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 112742   | 19.321  | ug/l   | 99       |
| 67) m/p-Xylenes               | 10.299 | 106  | 84228    | 39.025  | ug/l   | 100      |
| 68) o-Xylene                  | 10.640 | 106  | 41009    | 19.734  | ug/l   | 97       |
| 69) Styrene                   | 10.653 | 104  | 69270    | 19.447  | ug/l   | 98       |
| 70) Isopropylbenzene          | 10.963 | 105  | 109015   | 19.548  | ug/l   | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 32028    | 19.550  | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 26343m   | 19.261  | ug/l   |          |
| 73) Bromobenzene              | 11.195 | 156  | 25200    | 19.277  | ug/l   | 99       |
| 74) n-propylbenzene           | 11.305 | 91   | 132000   | 19.794  | ug/l   | 100      |
| 75) 2-Chlorotoluene           | 11.360 | 91   | 78088    | 19.560  | ug/l   | 99       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 91935    | 19.841  | ug/l   | 99       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 8334     | 18.038  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 92213    | 19.964  | ug/l   | 99       |
| 79) tert-butylbenzene         | 11.713 | 119  | 91390    | 19.777  | ug/l   | 100      |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 91018    | 19.890  | ug/l   | 99       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 115967   | 19.611  | ug/l   | 100      |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 96508    | 19.884  | ug/l   | 99       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 47835    | 19.658  | ug/l   | 99       |
| 84) 1,4-Dichlorobenzene       | 12.036 | 146  | 48644    | 19.878  | ug/l   | 99       |
| 85) n-Butylbenzene            | 12.329 | 91   | 92530    | 19.790  | ug/l   | 99       |
| 86) Hexachloroethane          | 12.536 | 117  | 16219    | 19.242  | ug/l   | 96       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 46237    | 19.751  | ug/l   | 99       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 6474     | 19.157  | ug/l   | 97       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 30504    | 19.764  | ug/l   | 99       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 13613    | 20.031  | ug/l   | 97       |
| 91) Naphthalene               | 13.774 | 128  | 94364    | 19.272  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 29352    | 19.375  | ug/l   | 100      |

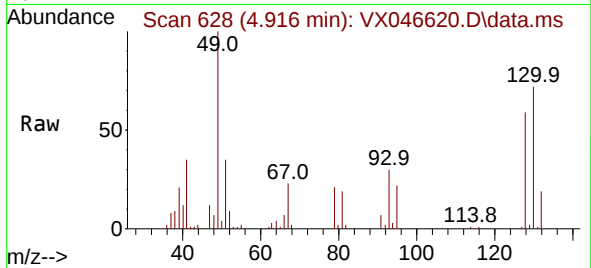
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

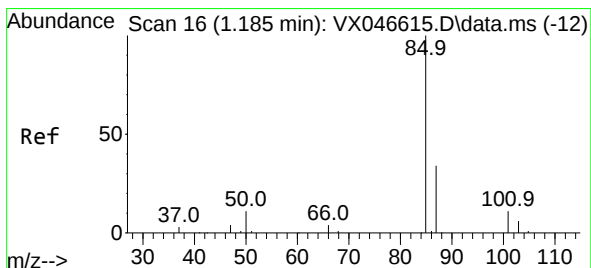
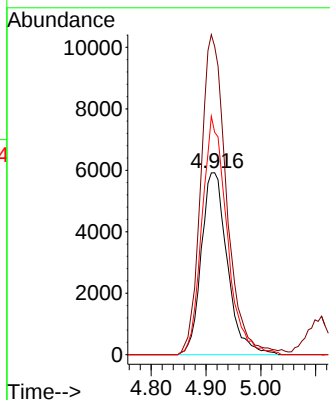
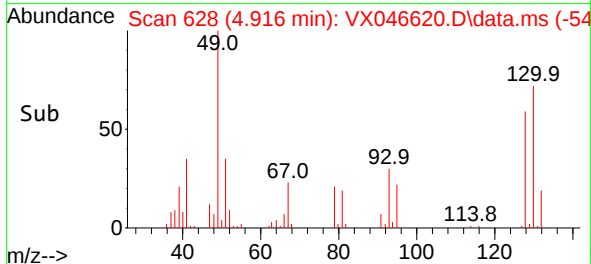
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



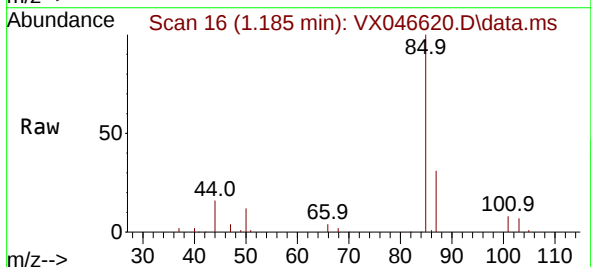
Tgt Ion:128 Resp: 1950  
Ion Ratio Lower Upper  
128 100  
49 173.4 0.0 448.3  
130 124.7 0.0 312.0

Manual Integrations  
APPROVED

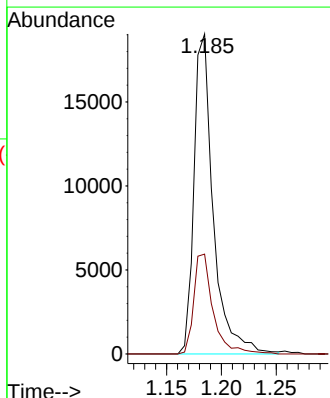
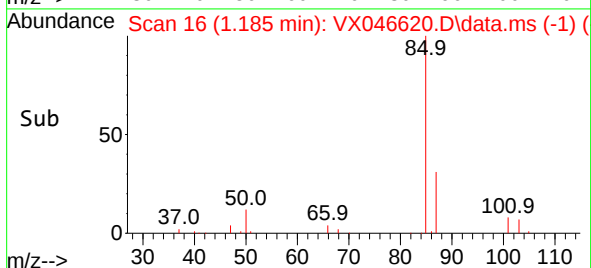
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

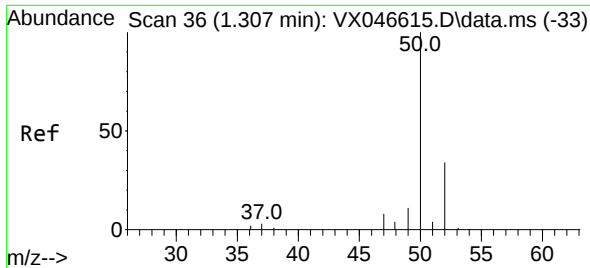


#2  
Dichlorodifluoromethane  
Concen: 18.341 ug/l  
RT: 1.185 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



Tgt Ion: 85 Resp: 23255  
Ion Ratio Lower Upper  
85 100  
87 31.2 17.1 51.3





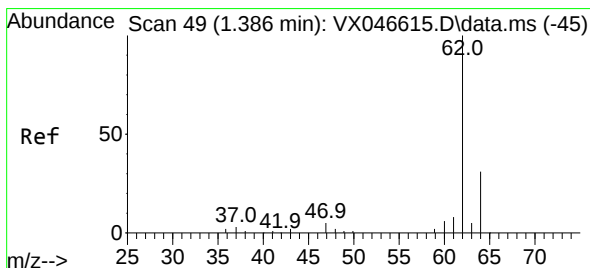
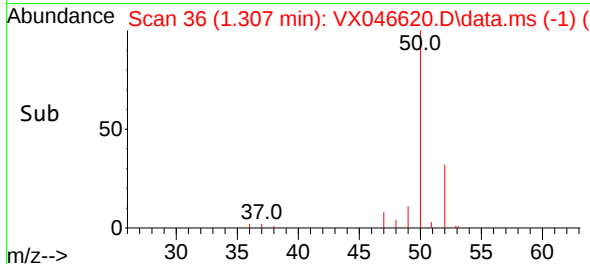
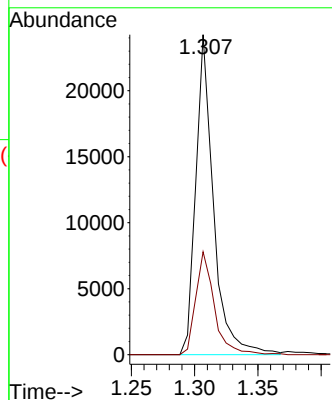
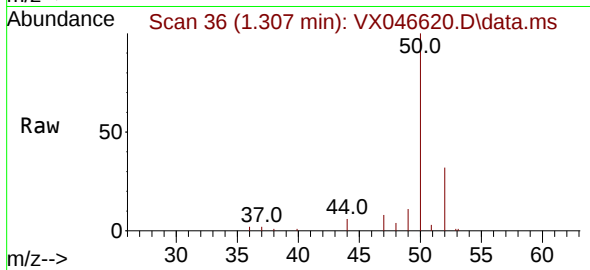
#3  
Chloromethane  
Concen: 18.139 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025

Tgt Ion: 50 Resp: 2369  
Ion Ratio Lower Upper  
50 100  
52 32.2 27.4 41.2

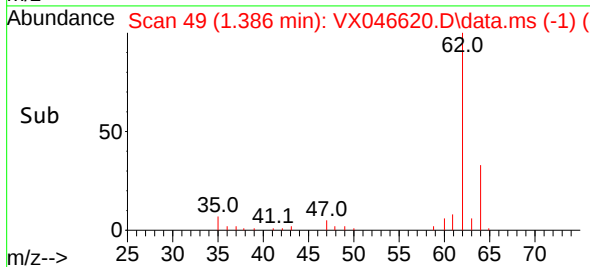
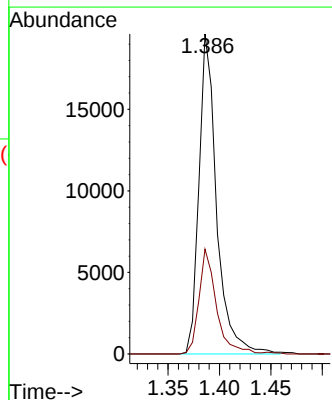
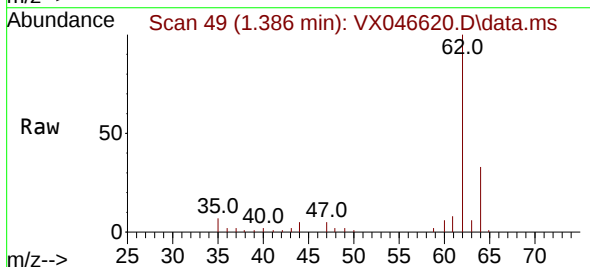
Manual Integrations  
APPROVED

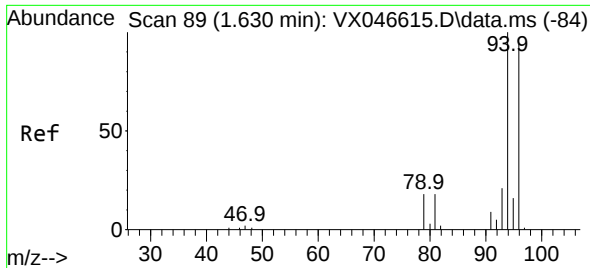
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#4  
Vinyl Chloride  
Concen: 18.673 ug/l  
RT: 1.386 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

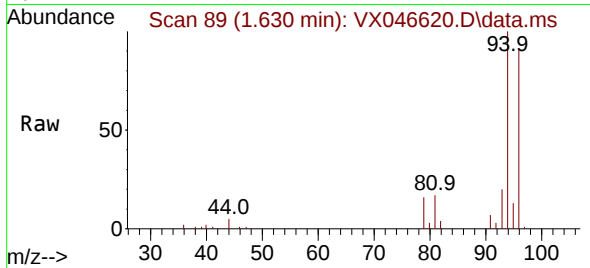
Tgt Ion: 62 Resp: 23516  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.2 37.8





#5  
Bromomethane  
Concen: 21.347 ug/l  
RT: 1.630 min Scan# 89  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

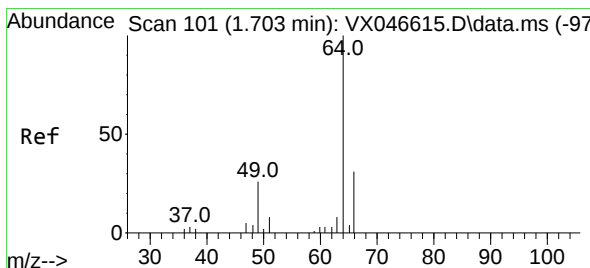
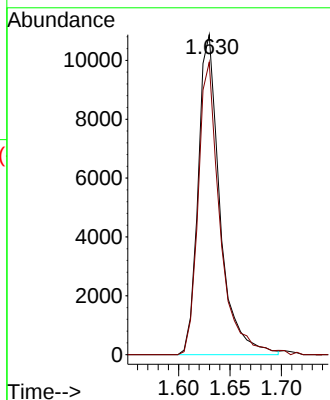
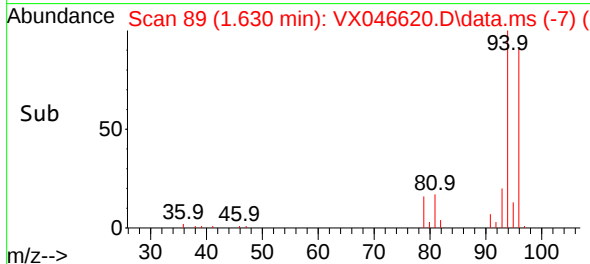
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 94 Resp: 1605  
Ion Ratio Lower Upper  
94 100  
96 91.4 75.5 113.3

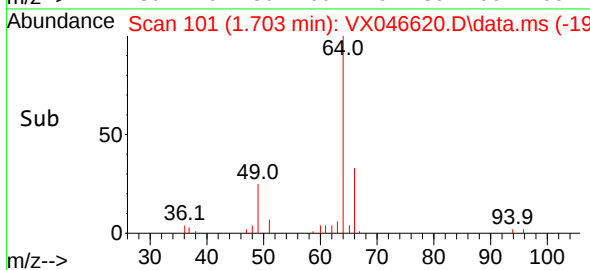
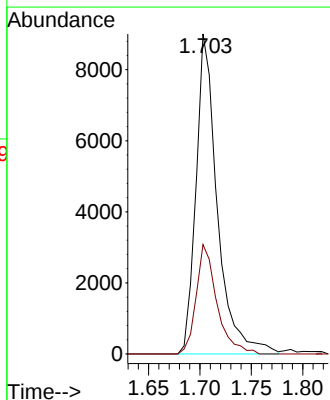
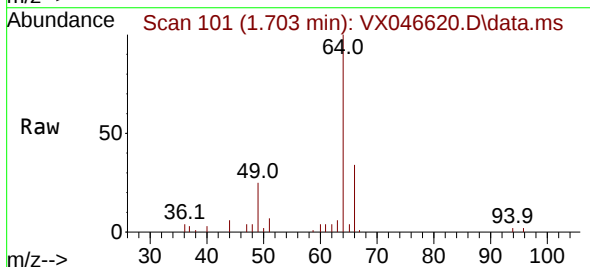
Manual Integrations  
APPROVED

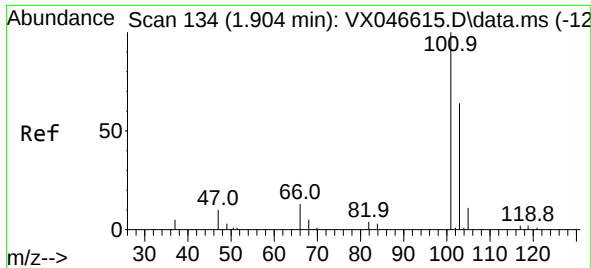
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#6  
Chloroethane  
Concen: 17.987 ug/l  
RT: 1.703 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

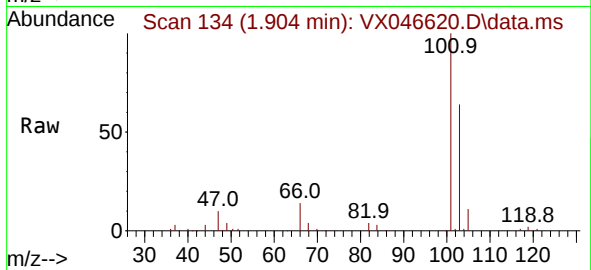
Tgt Ion: 64 Resp: 13014  
Ion Ratio Lower Upper  
64 100  
66 34.2 25.0 37.6





#7  
Trichlorofluoromethane  
Concen: 18.859 ug/l  
RT: 1.904 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

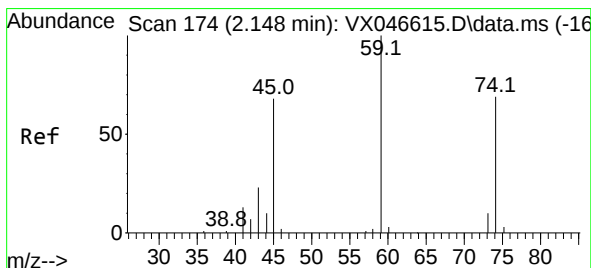
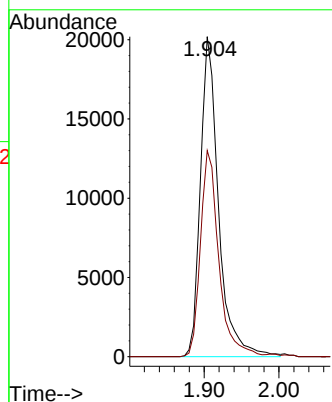
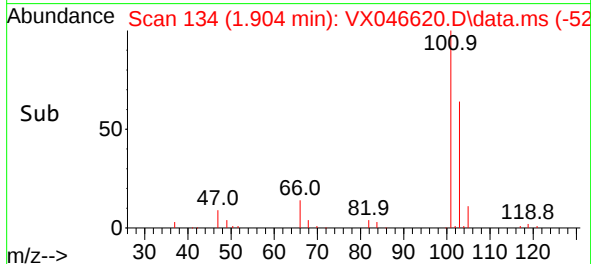
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion:101 Resp: 34019  
Ion Ratio Lower Upper  
101 100  
103 64.4 51.5 77.3

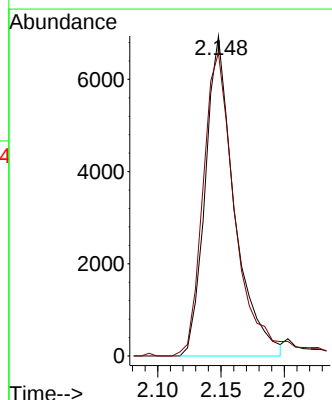
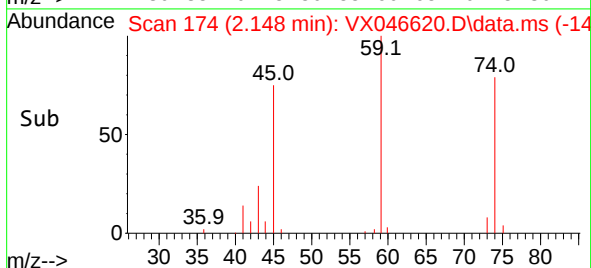
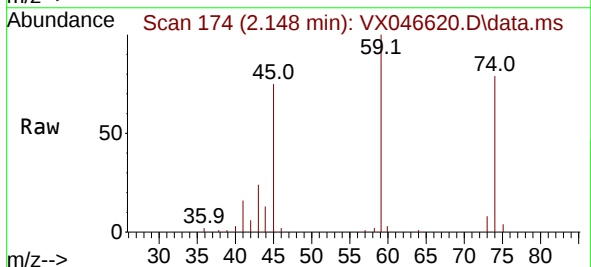
Manual Integrations  
APPROVED

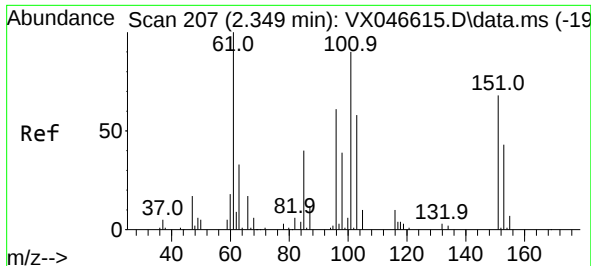
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#8  
Diethyl Ether  
Concen: 17.609 ug/l  
RT: 2.148 min Scan# 174  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 74 Resp: 11129  
Ion Ratio Lower Upper  
74 100  
45 102.7 19.3 174.1





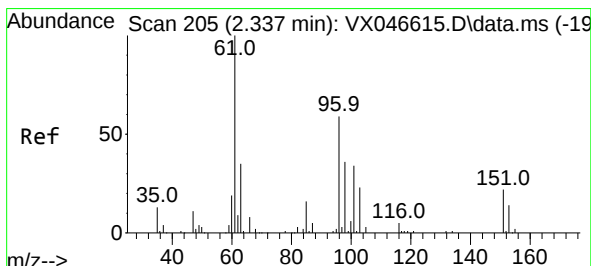
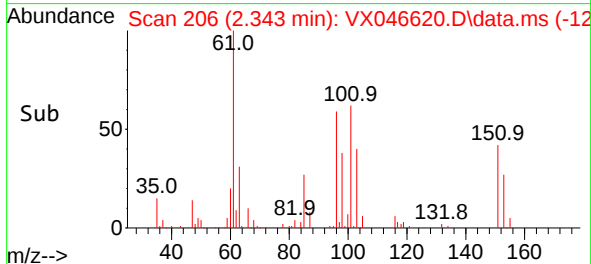
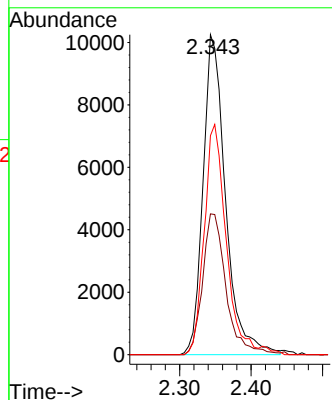
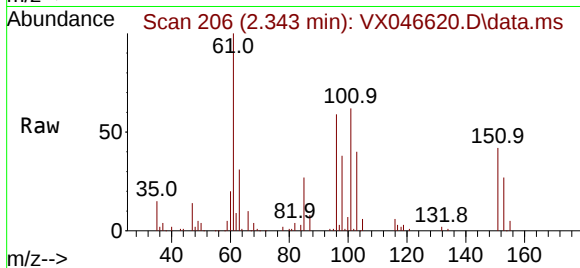
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 18.654 ug/l  
 RT: 2.343 min Scan# 206  
 Delta R.T. -0.006 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX061025

Tgt Ion:101 Resp: 2238  
 Ion Ratio Lower Upper  
 101 100  
 85 45.8 0.0 88.2  
 151 69.8 0.0 141.8

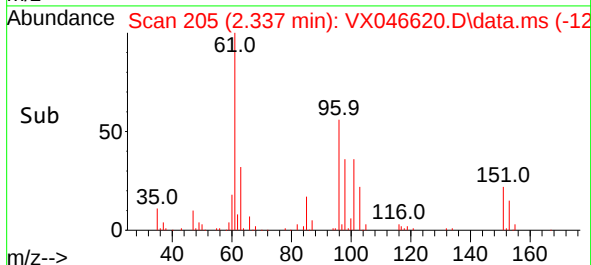
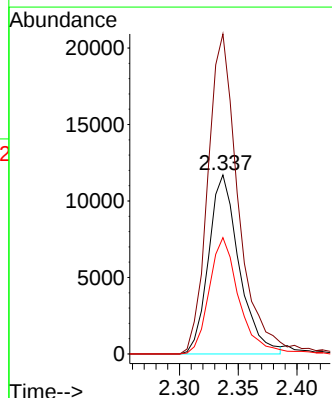
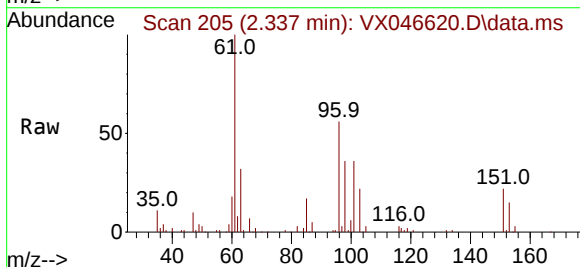
Manual Integrations  
 APPROVED

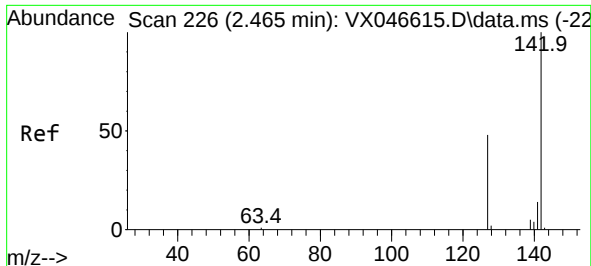
Reviewed By :John Carlone 06/11/2025  
 Supervised By :Mahesh Dadoda 06/11/2025



#10  
 1,1-Dichloroethene  
 Concen: 18.187 ug/l  
 RT: 2.337 min Scan# 205  
 Delta R.T. 0.000 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26

Tgt Ion: 96 Resp: 21173  
 Ion Ratio Lower Upper  
 96 100  
 61 178.7 135.1 202.7  
 98 64.9 49.0 73.4





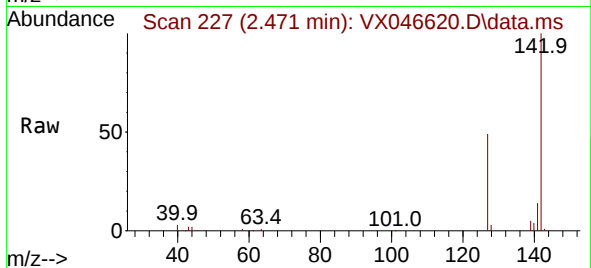
#11  
Methyl Iodide  
Concen: 17.981 ug/l  
RT: 2.471 min Scan# 211  
Delta R.T. 0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX061025



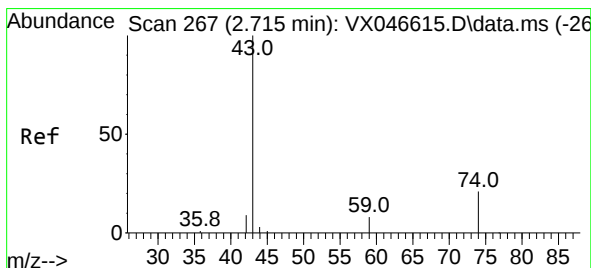
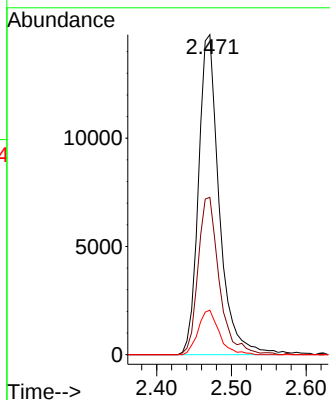
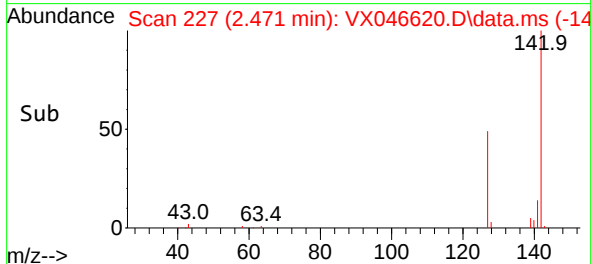
Tgt Ion:142 Resp: 28540  
Ion Ratio Lower Upper  
142 100  
127 49.3 24.1 72.4  
141 14.0 7.0 20.9

Manual Integrations

APPROVED

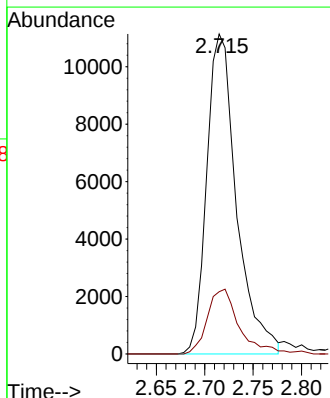
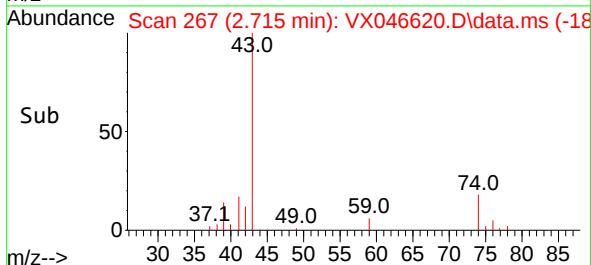
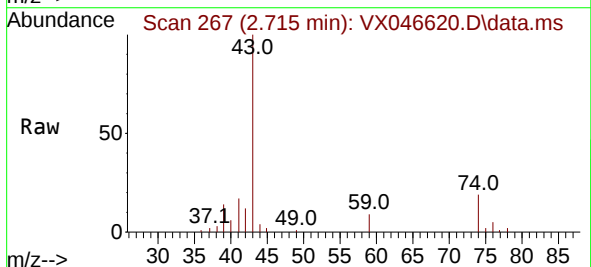
Reviewed By :John Carlone 06/11/2025

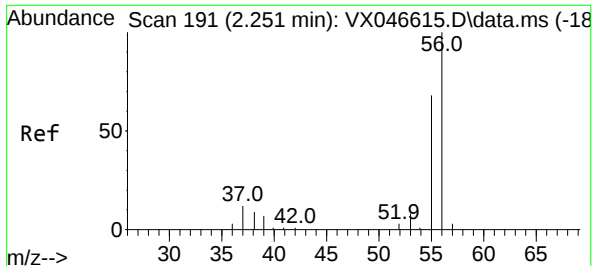
Supervised By :Mahesh Dadoda 06/11/2025



#12  
Methyl Acetate  
Concen: 16.244 ug/l  
RT: 2.715 min Scan# 267  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

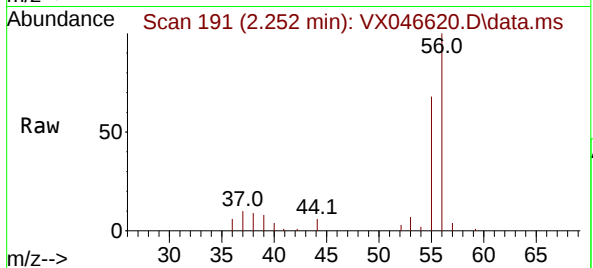
Tgt Ion: 43 Resp: 23837  
Ion Ratio Lower Upper  
43 100  
74 19.3 17.2 25.8





#13  
Acrolein  
Concen: 107.751 ug/l  
RT: 2.252 min Scan# 191  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

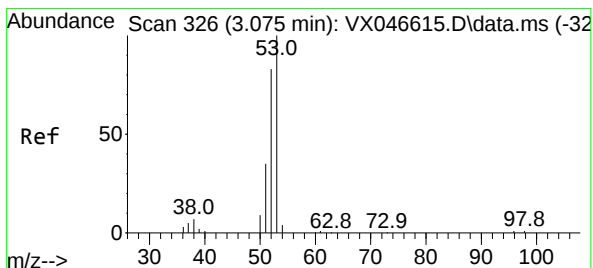
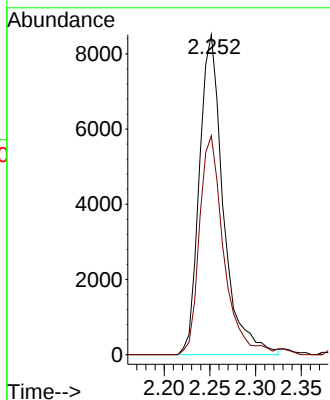
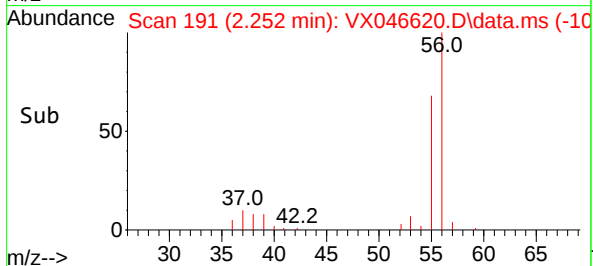
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



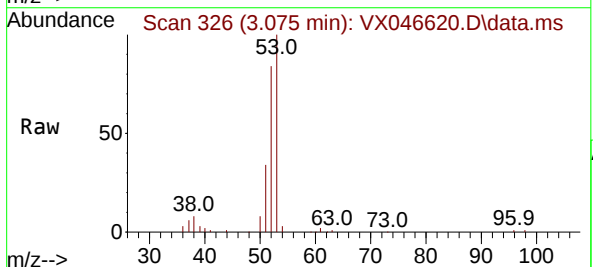
Tgt Ion: 56 Resp: 15494  
Ion Ratio Lower Upper  
56 100  
55 68.0 56.0 84.0

Manual Integrations  
APPROVED

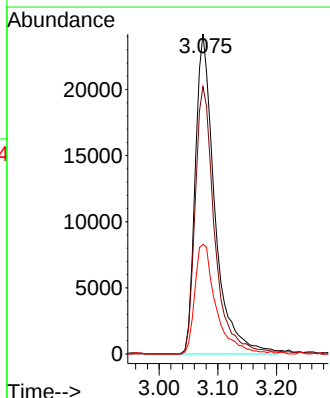
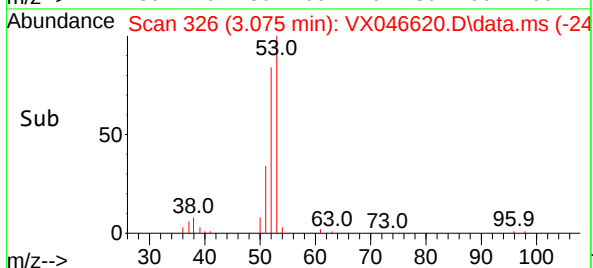
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

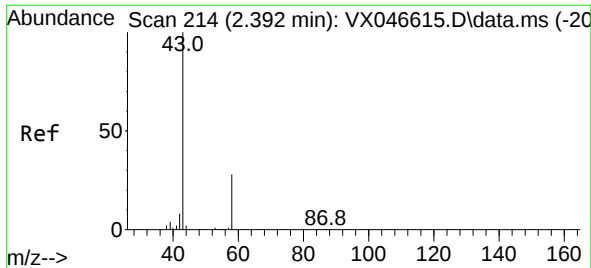


#14  
Acrylonitrile  
Concen: 92.978 ug/l  
RT: 3.075 min Scan# 326  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



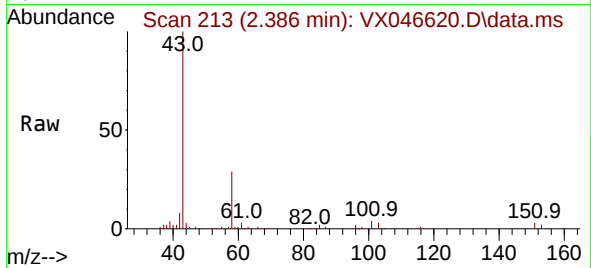
Tgt Ion: 53 Resp: 56070  
Ion Ratio Lower Upper  
53 100  
52 83.0 41.3 123.7  
51 37.1 18.6 55.8





#15  
Acetone  
Concen: 96.180 ug/l  
RT: 2.386 min Scan# 214  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

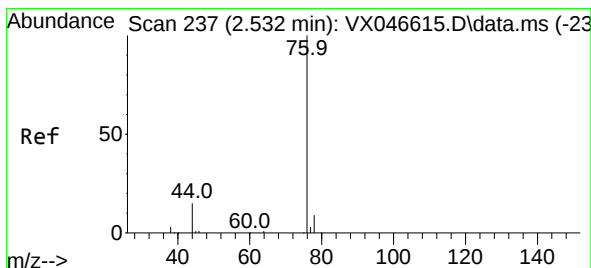
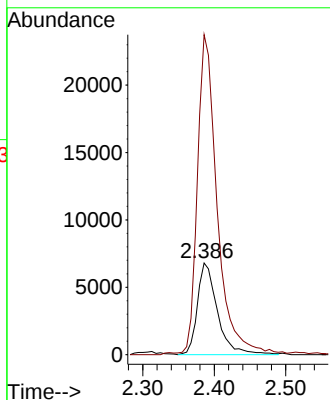
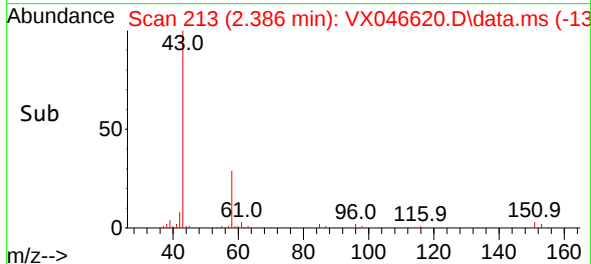
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 58 Resp: 1326  
Ion Ratio Lower Upper  
58 100  
43 347.0 290.6 435.8

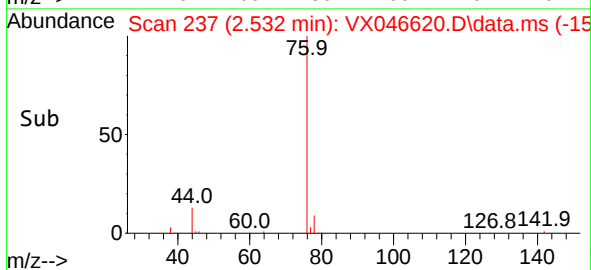
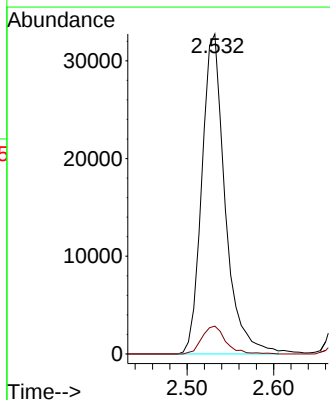
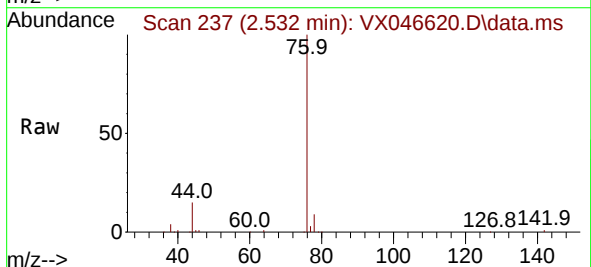
Manual Integrations  
APPROVED

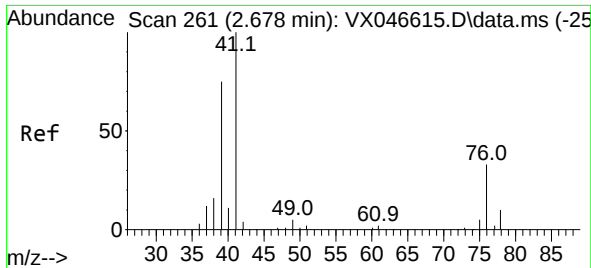
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#16  
Carbon Disulfide  
Concen: 18.935 ug/l  
RT: 2.532 min Scan# 237  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 76 Resp: 61158  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.4 11.0





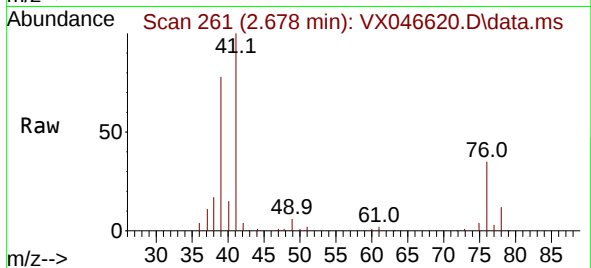
#17  
 Allyl chloride  
 Concen: 18.246 ug/l  
 RT: 2.678 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX061025



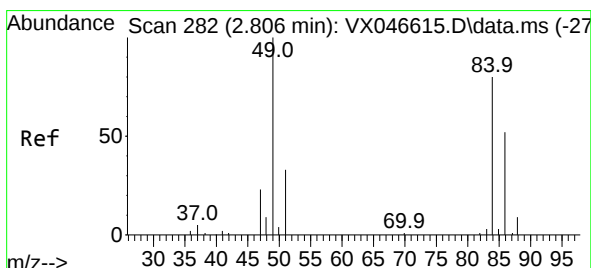
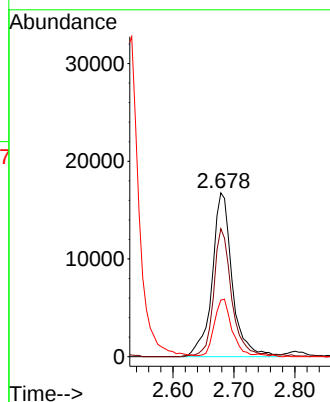
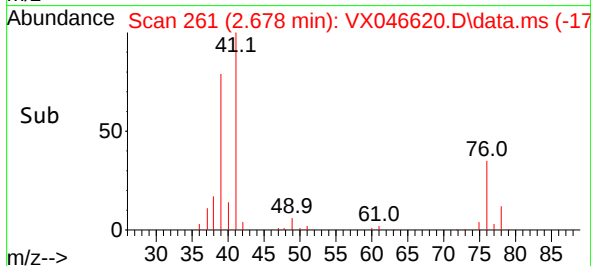
Tgt Ion: 41 Resp: 38539  
 Ion Ratio Lower Upper  
 41 100  
 39 78.1 37.5 112.3  
 76 34.6 17.4 52.3

Manual Integrations

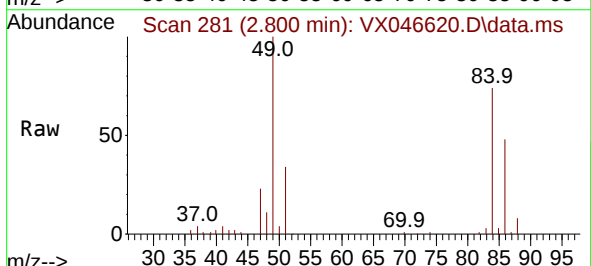
APPROVED

Reviewed By :John Carlone 06/11/2025

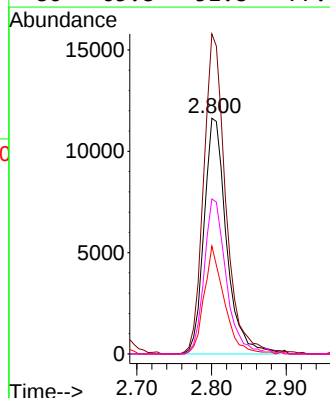
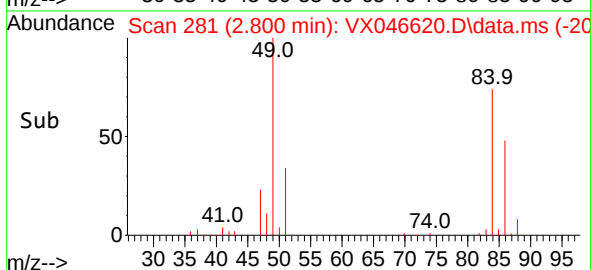
Supervised By :Mahesh Dadoda 06/11/2025

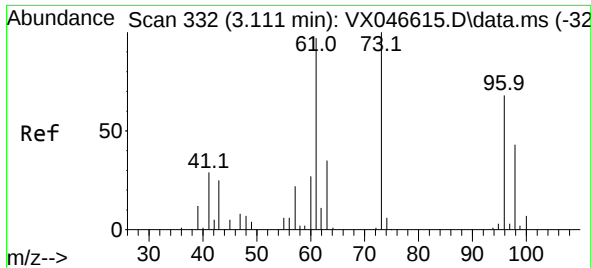


#18  
 Methylene Chloride  
 Concen: 18.904 ug/l  
 RT: 2.800 min Scan# 281  
 Delta R.T. -0.006 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26



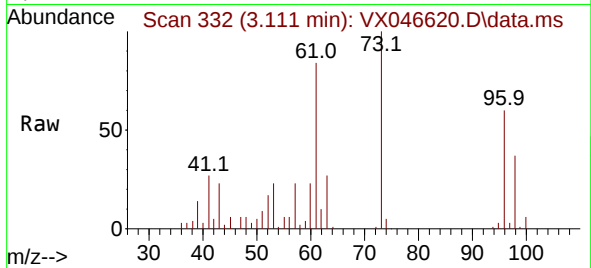
Tgt Ion: 84 Resp: 24288  
 Ion Ratio Lower Upper  
 84 100  
 49 135.7 100.1 150.1  
 51 45.7 33.0 49.4  
 86 65.8 51.8 77.6





#19  
trans-1,2-Dichloroethene  
Concen: 18.309 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

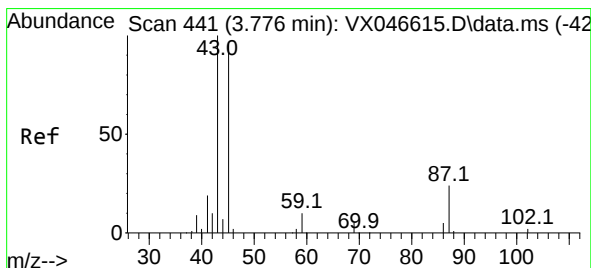
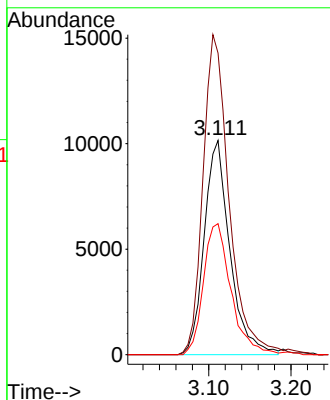
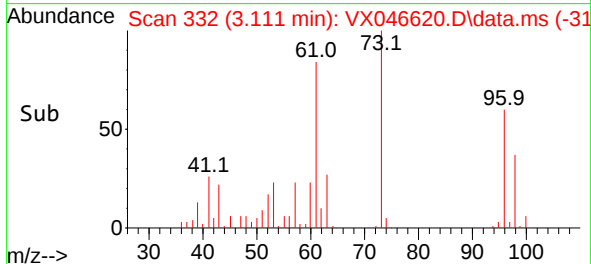
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 96 Resp: 22089  
Ion Ratio Lower Upper  
96 100  
61 140.7 114.5 171.7  
98 61.2 50.2 75.4

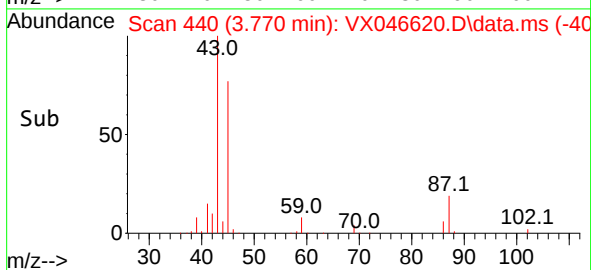
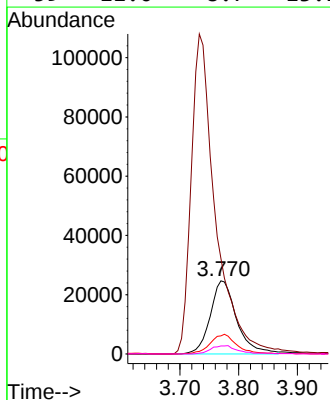
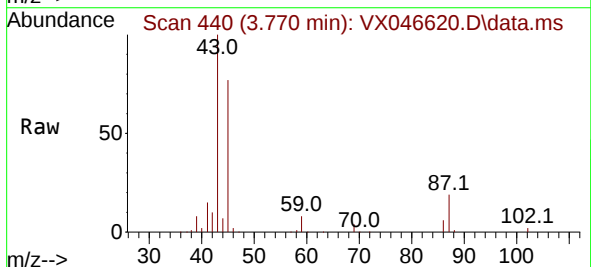
Manual Integrations  
APPROVED

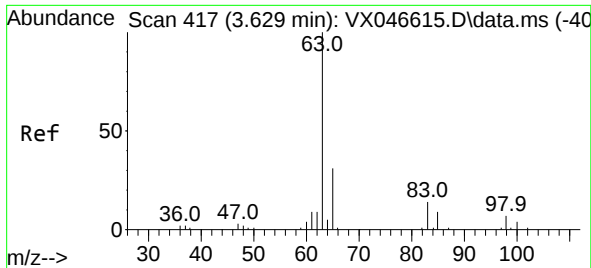
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#20  
Diisopropyl ether  
Concen: 19.273 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 45 Resp: 77020  
Ion Ratio Lower Upper  
45 100  
43 126.1 83.2 124.8#  
87 24.6 20.2 30.4  
59 11.0 8.7 13.1





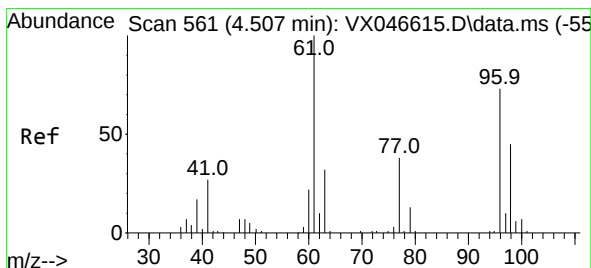
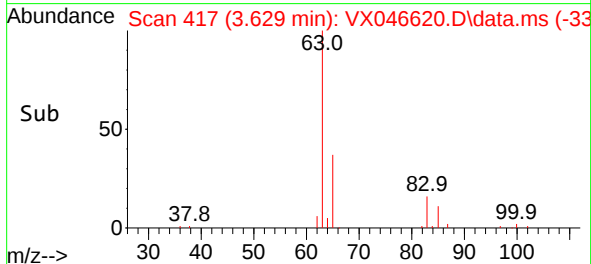
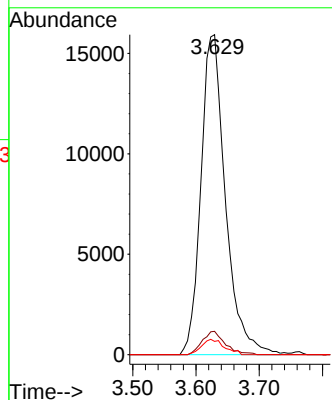
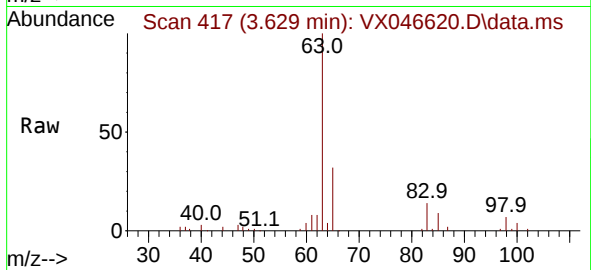
#21  
1,1-Dichloroethane  
Concen: 18.765 ug/l  
RT: 3.629 min Scan# 417  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025

Tgt Ion: 63 Resp: 4296  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.6 10.8  
100 4.2 1.8 5.5

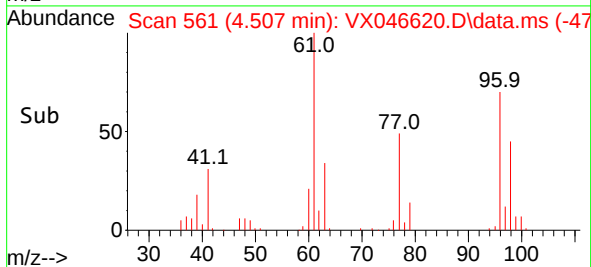
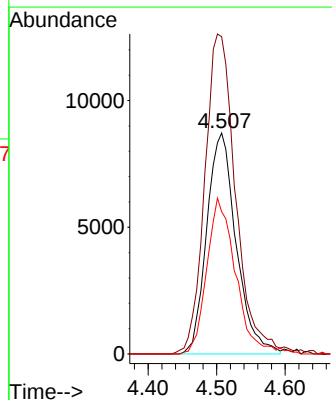
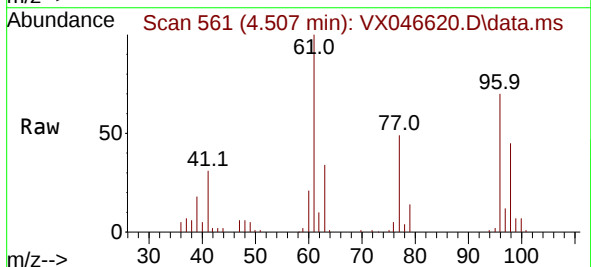
Manual Integrations  
APPROVED

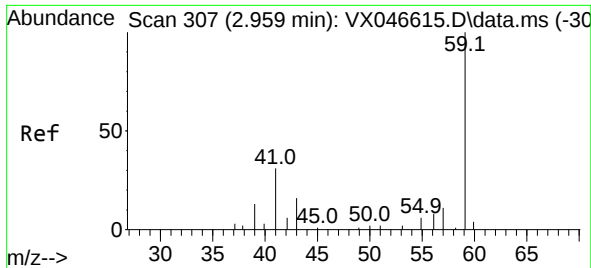
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#22  
cis-1,2-Dichloroethene  
Concen: 18.515 ug/l  
RT: 4.507 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

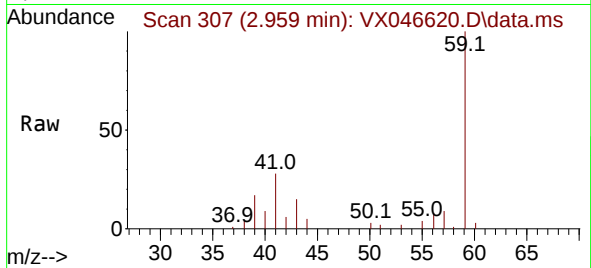
Tgt Ion: 96 Resp: 26042  
Ion Ratio Lower Upper  
96 100  
61 150.7 118.6 177.8  
98 67.3 49.6 74.4





#23  
tert-Butyl Alcohol  
Concen: 87.957 ug/l m  
RT: 2.959 min Scan# 307  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

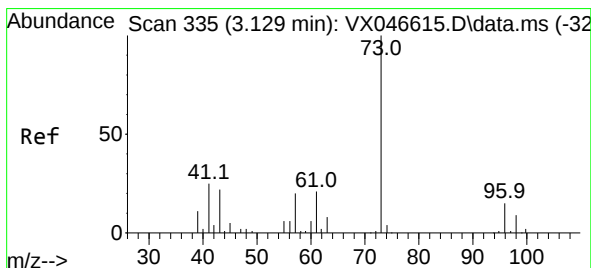
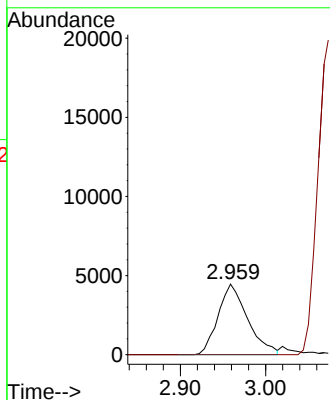
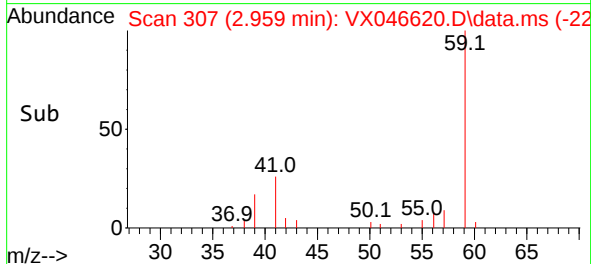
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



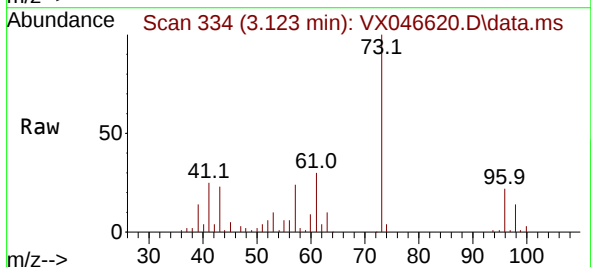
Tgt Ion: 59 Resp: 10711  
Ion Ratio Lower Upper  
59 100  
52 0.0 0.0 0.0

Manual Integrations  
APPROVED

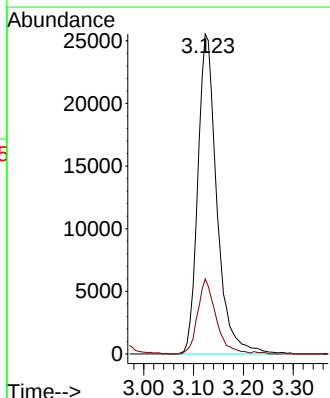
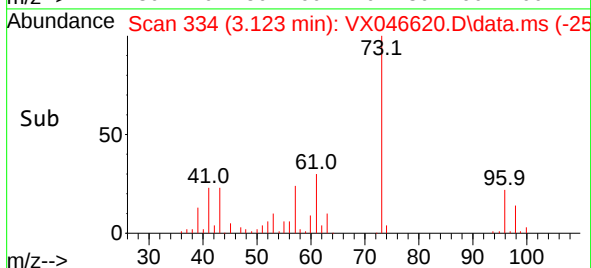
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

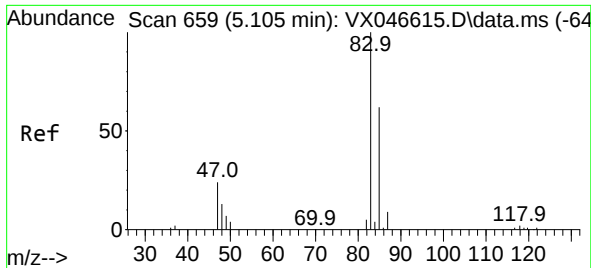


#24  
Methyl tert-Butyl Ether  
Concen: 19.029 ug/l  
RT: 3.123 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



Tgt Ion: 73 Resp: 67674  
Ion Ratio Lower Upper  
73 100  
43 22.6 18.4 27.6





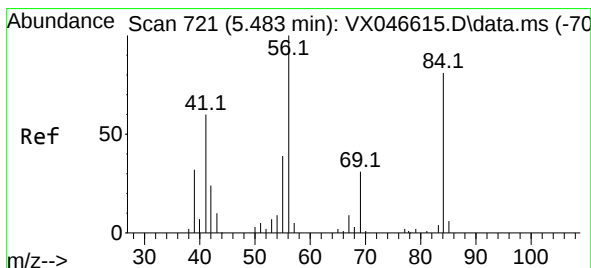
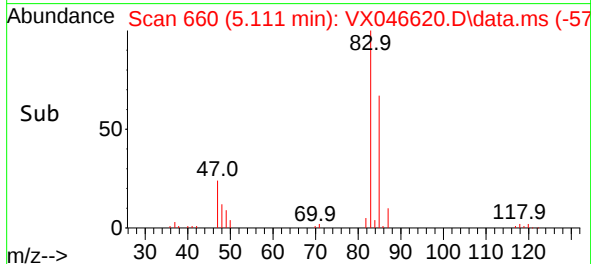
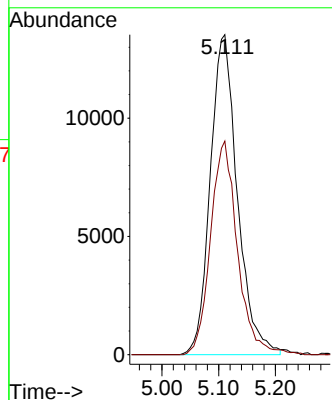
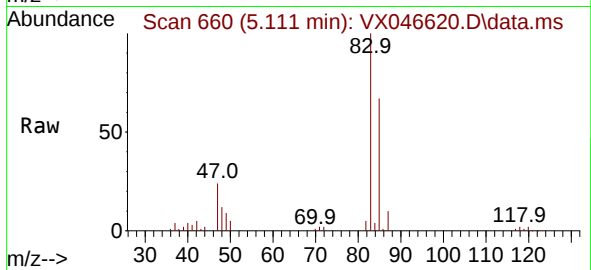
#25  
Chloroform  
Concen: 19.068 ug/l  
RT: 5.111 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025

Tgt Ion: 83 Resp: 44938  
Ion Ratio Lower Upper  
83 100  
85 66.7 49.8 74.6

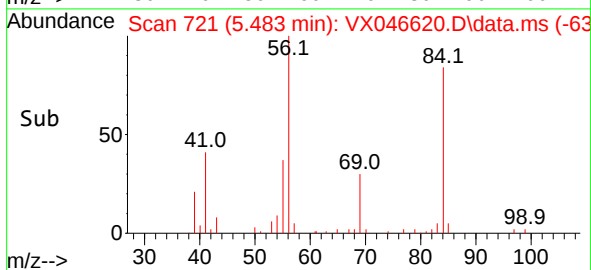
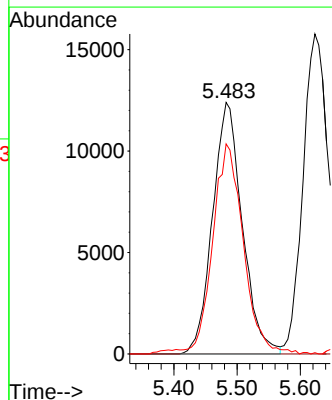
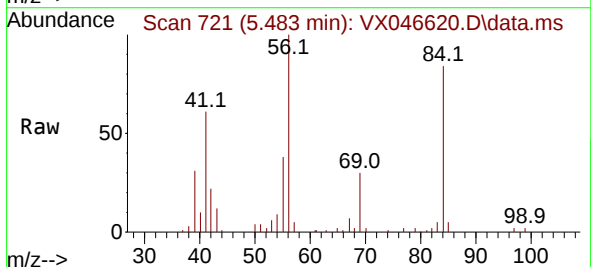
Manual Integrations  
APPROVED

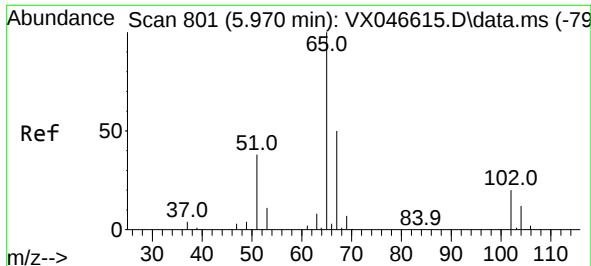
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#26  
Cyclohexane  
Concen: 19.372 ug/l  
RT: 5.483 min Scan# 721  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 56 Resp: 40470  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.9 67.4 101.0





#27

1,2-Dichloroethane-d4

Concen: 29.800 ug/l

RT: 5.964 min Scan# 801

Delta R.T. -0.006 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX061025

Tgt Ion: 65 Resp: 47044

Ion Ratio Lower Upper

65 100

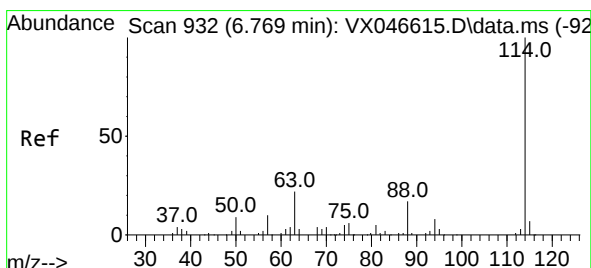
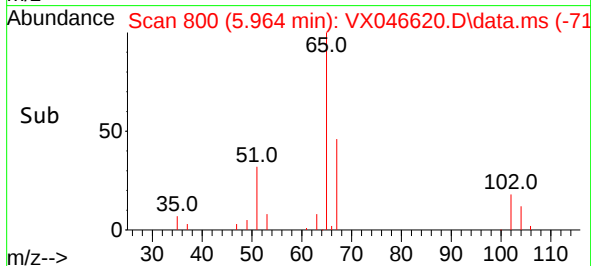
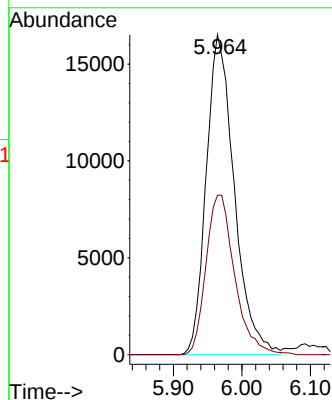
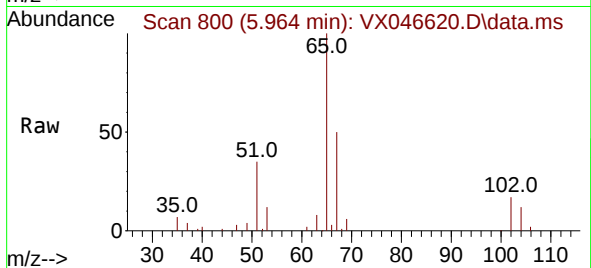
67 51.0 41.4 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

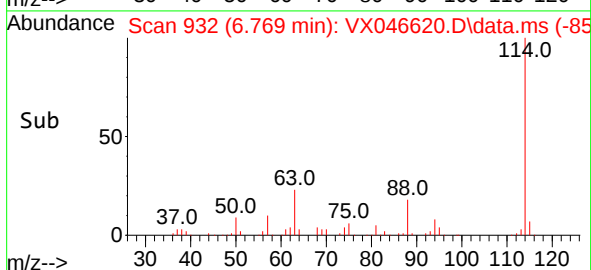
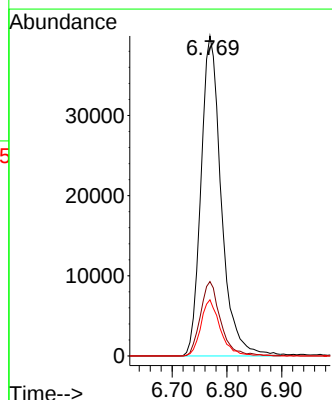
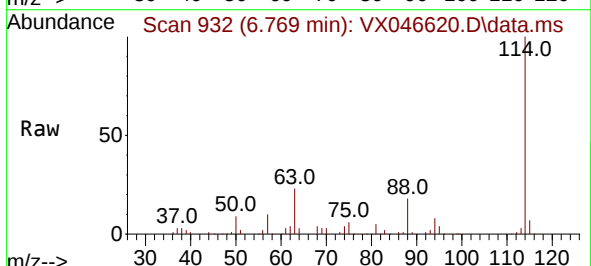
Tgt Ion:114 Resp: 102720

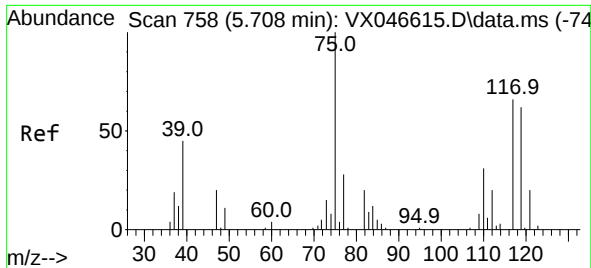
Ion Ratio Lower Upper

114 100

63 22.6 18.1 27.1

88 16.7 14.1 21.1





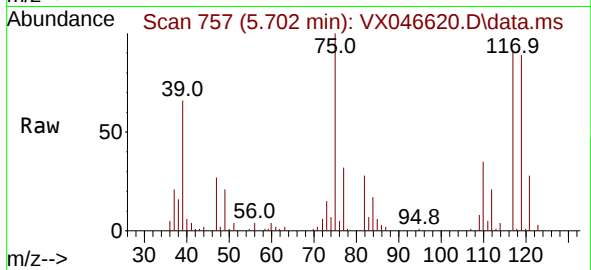
#29  
1,1-Dichloropropene  
Concen: 19.447 ug/l  
RT: 5.702 min Scan# 758  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX061025



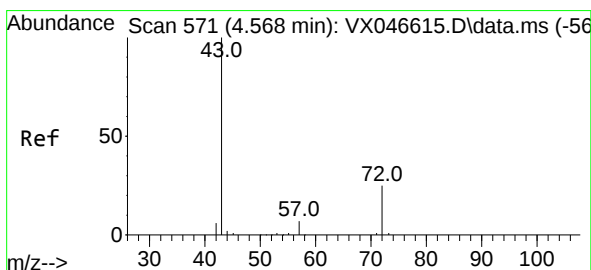
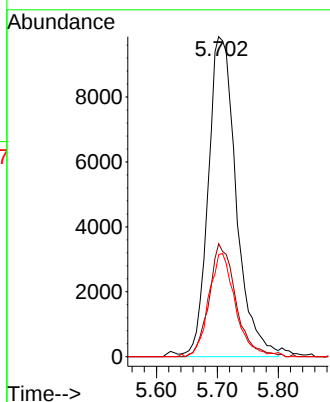
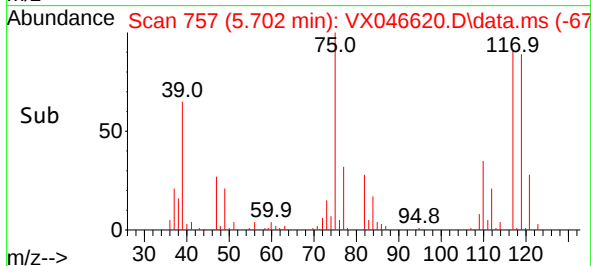
Tgt Ion: 75 Resp: 31429  
Ion Ratio Lower Upper  
75 100  
110 33.7 0.0 65.4  
77 30.5 0.0 59.8

Manual Integrations

APPROVED

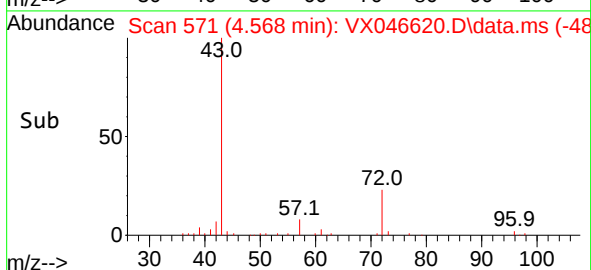
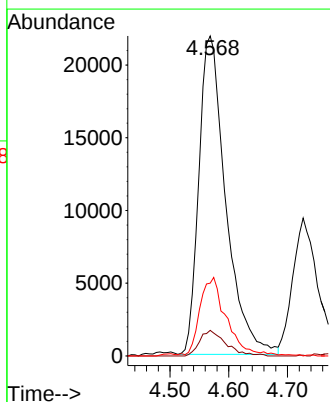
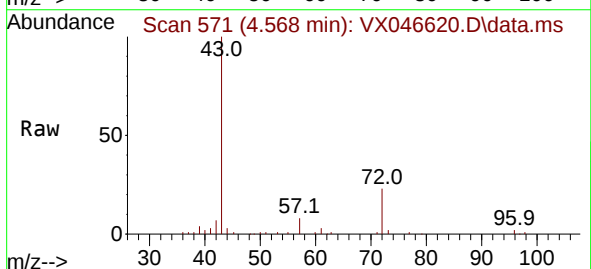
Reviewed By :John Carlone 06/11/2025

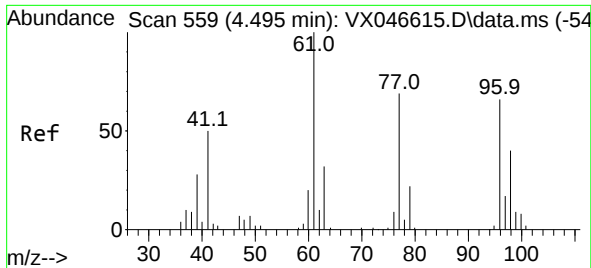
Supervised By :Mahesh Dadoda 06/11/2025



#30  
2-Butanone  
Concen: 96.829 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

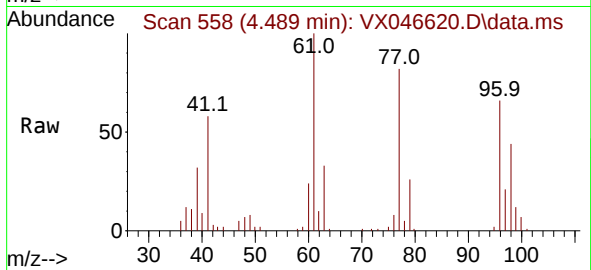
Tgt Ion: 43 Resp: 69729  
Ion Ratio Lower Upper  
43 100  
57 7.7 5.8 8.6  
72 23.8 19.4 29.2





#31  
2,2-Dichloropropane  
Concen: 18.167 ug/l  
RT: 4.489 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

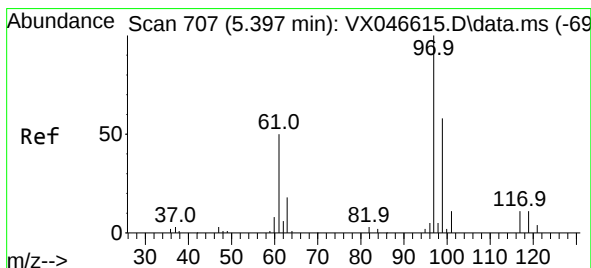
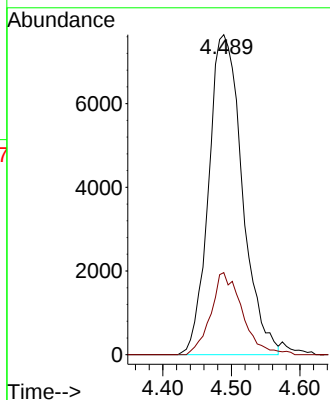
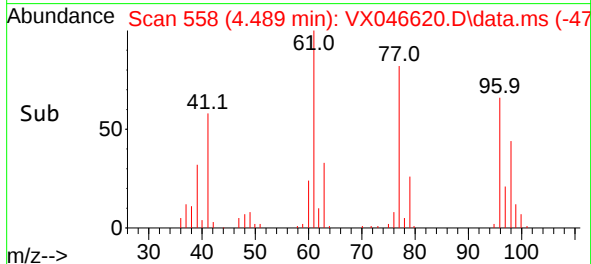
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



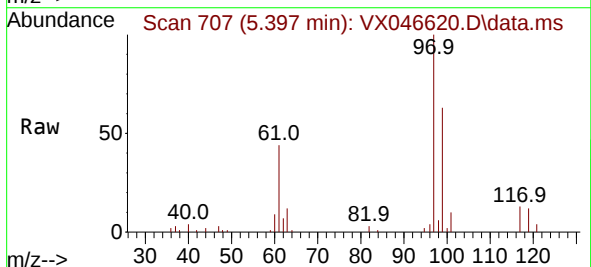
Tgt Ion: 77 Resp: 2606  
Ion Ratio Lower Upper  
77 100  
97 23.8 18.6 27.8

Manual Integrations  
APPROVED

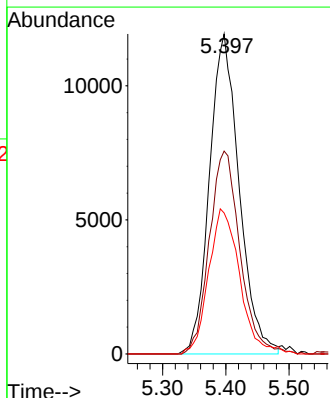
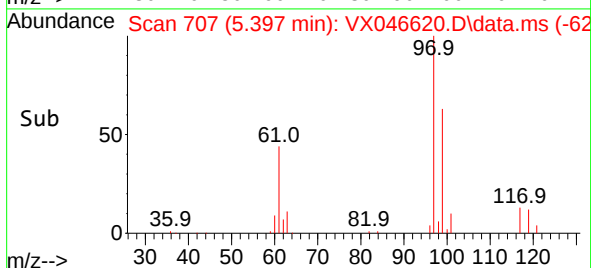
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

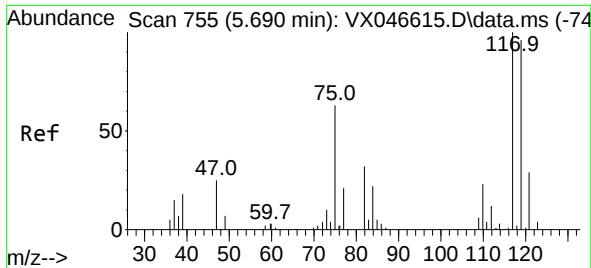


#32  
1,1,1-Trichloroethane  
Concen: 19.489 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



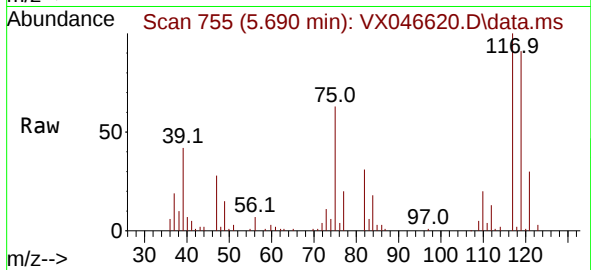
Tgt Ion: 97 Resp: 38918  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.2 76.8  
61 47.0 39.5 59.3





#33  
Carbon Tetrachloride  
Concen: 19.577 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

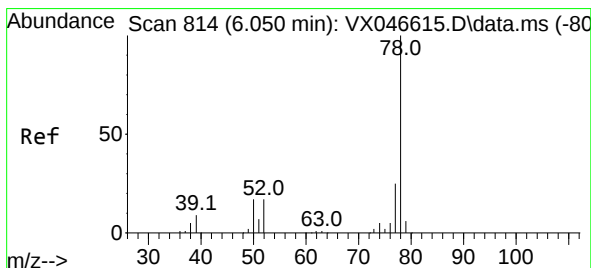
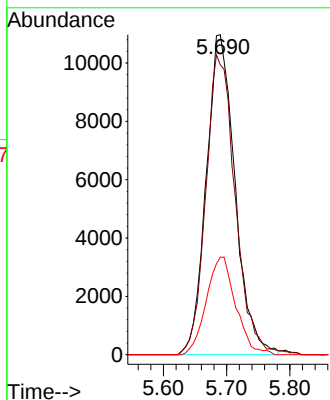
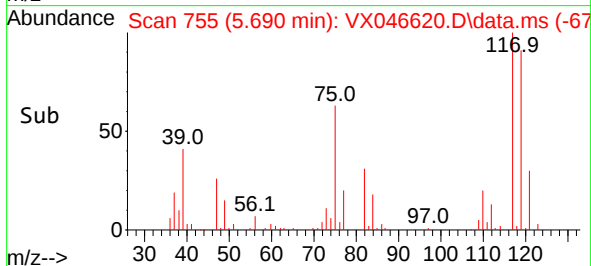
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion:117 Resp: 3469  
Ion Ratio Lower Upper  
117 100  
119 90.6 77.1 115.7  
121 30.5 23.2 34.8

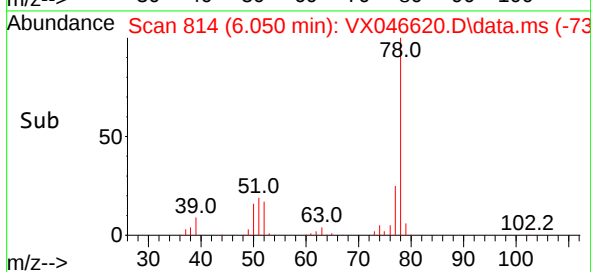
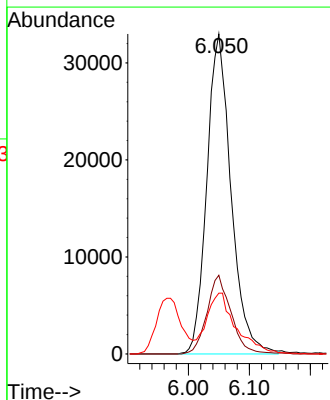
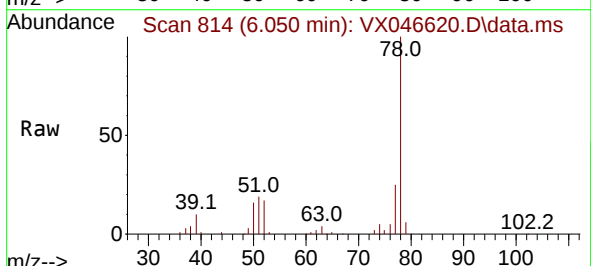
Manual Integrations  
APPROVED

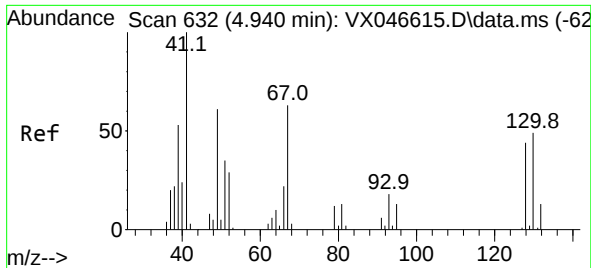
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#34  
Benzene  
Concen: 19.182 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 78 Resp: 91082  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.8 29.8  
51 18.6 14.7 22.1





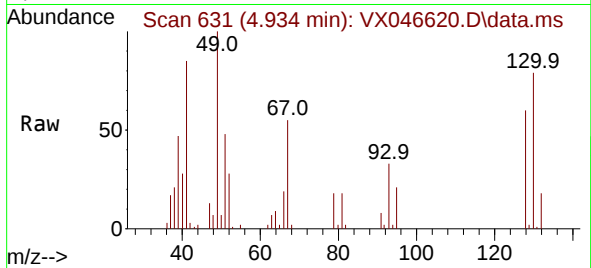
#35  
Methacrylonitrile  
Concen: 18.761 ug/l  
RT: 4.934 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX061025



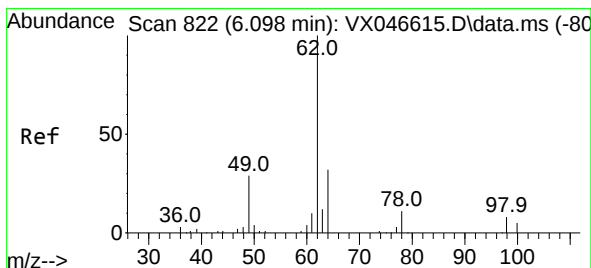
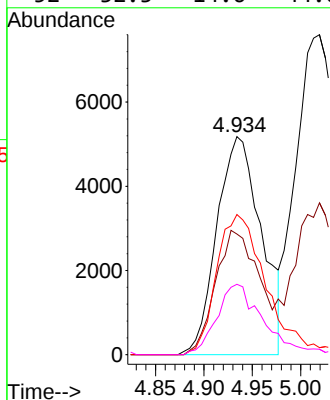
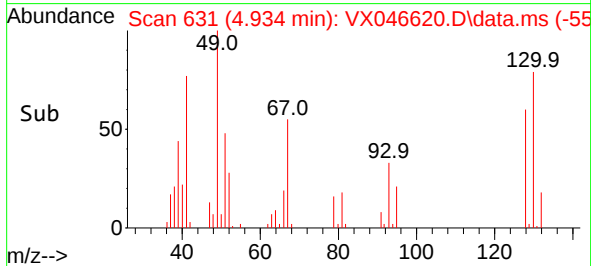
|             |                |
|-------------|----------------|
| Tgt Ion: 41 | Resp: 1656     |
| Ion Ratio   | Lower Upper    |
| 41          | 100            |
| 39          | 55.3 26.4 79.2 |
| 67          | 64.3 31.4 94.3 |
| 52          | 32.3 14.6 44.0 |

Manual Integrations

APPROVED

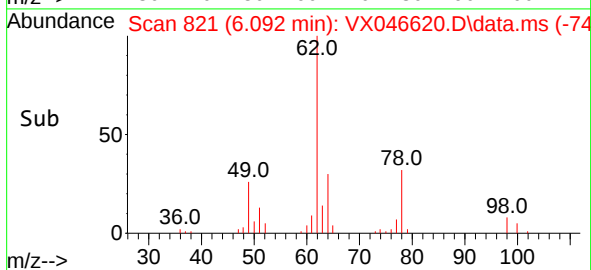
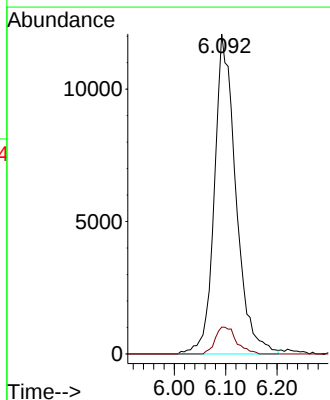
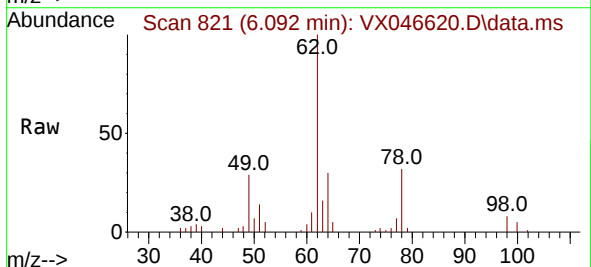
Reviewed By :John Carlone 06/11/2025

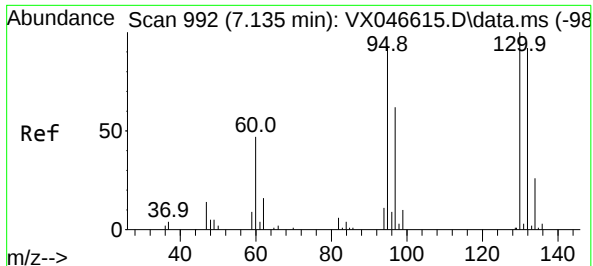
Supervised By :Mahesh Dadoda 06/11/2025



#36  
1,2-Dichloroethane  
Concen: 19.556 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 35133 |
| Ion Ratio   | Lower Upper |
| 62          | 100         |
| 98          | 8.2 6.5 9.7 |





#37

Trichloroethene

Concen: 19.124 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX061025

Tgt Ion:130 Resp: 22780

Ion Ratio Lower Upper

130 100

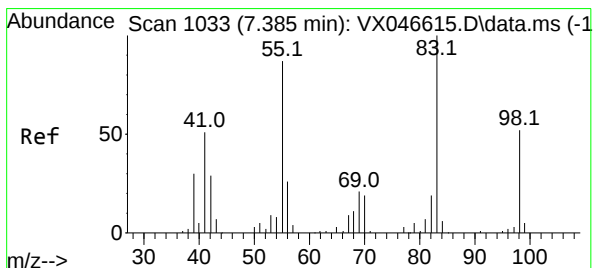
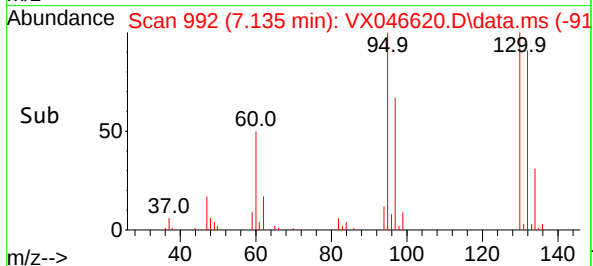
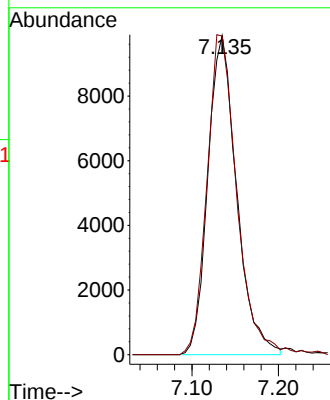
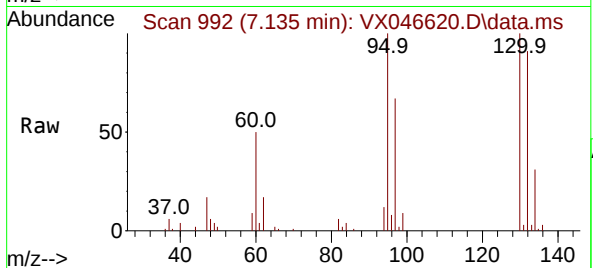
95 99.8 74.7 112.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#38

Methylcyclohexane

Concen: 19.300 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

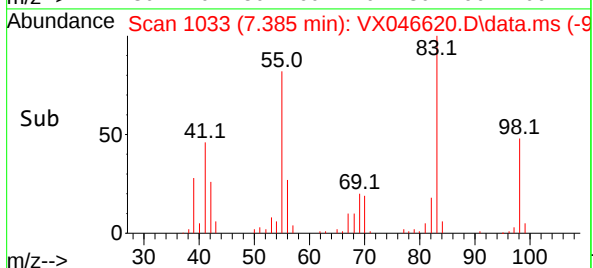
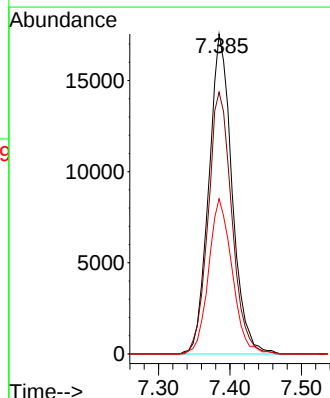
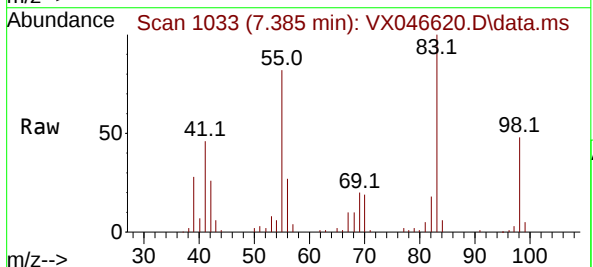
Tgt Ion: 83 Resp: 39592

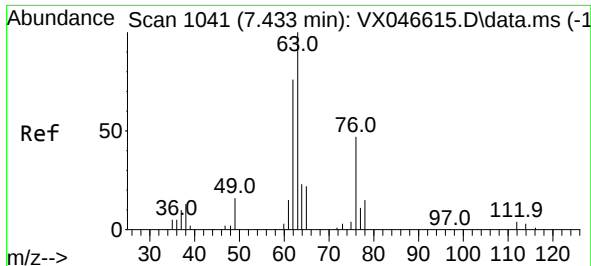
Ion Ratio Lower Upper

83 100

55 83.5 42.6 128.0

98 48.9 24.8 74.3





#39

1,2-Dichloropropane

Concen: 18.986 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX061025

Tgt Ion: 63 Resp: 2248

Ion Ratio Lower Upper

63 100

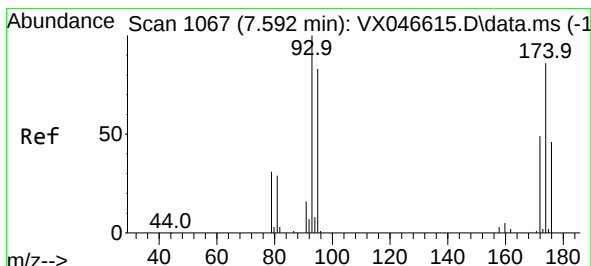
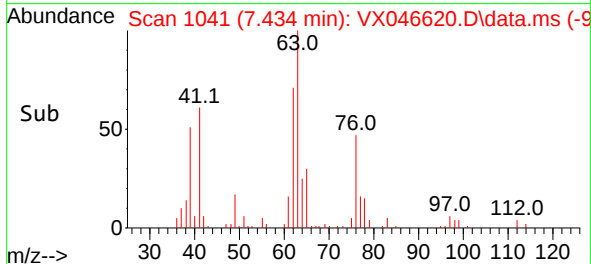
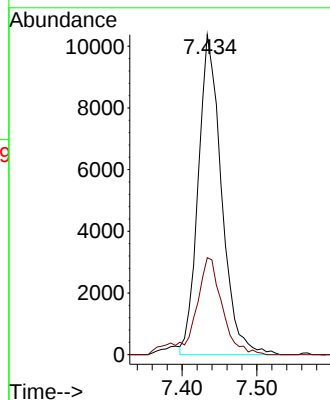
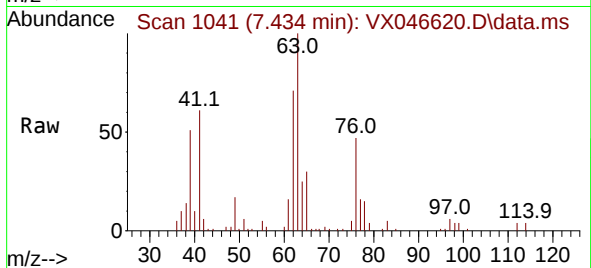
65 30.3 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#40

Dibromomethane

Concen: 19.442 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

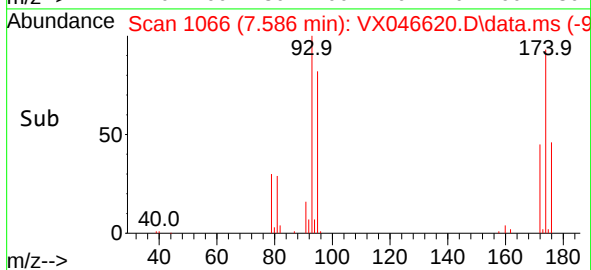
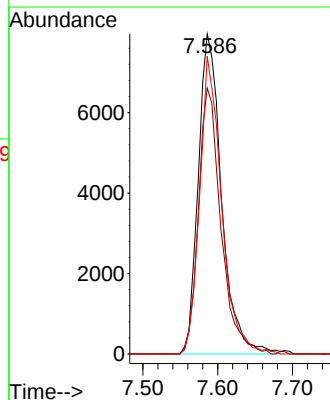
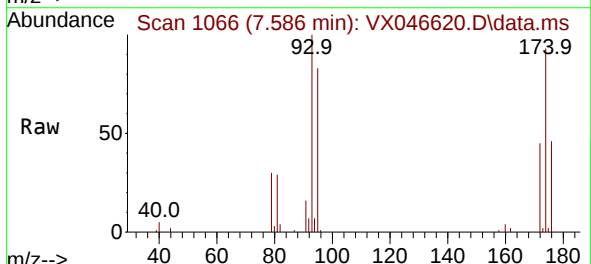
Tgt Ion: 93 Resp: 17216

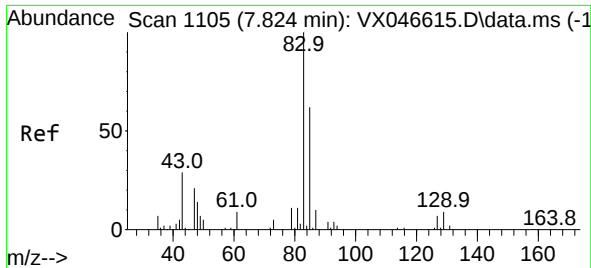
Ion Ratio Lower Upper

93 100

95 80.3 0.0 164.8

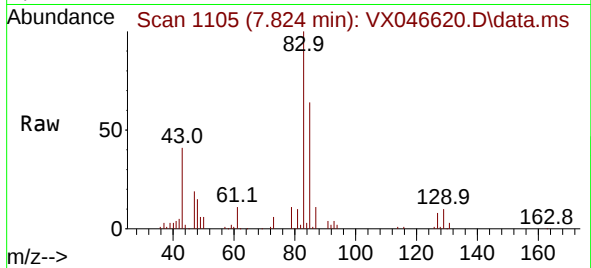
174 87.6 0.0 176.0





#41  
Bromodichloromethane  
Concen: 19.418 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

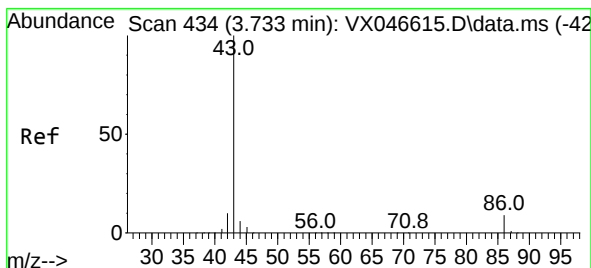
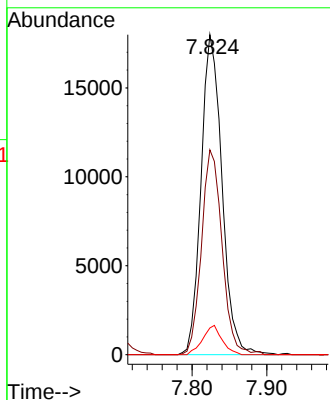
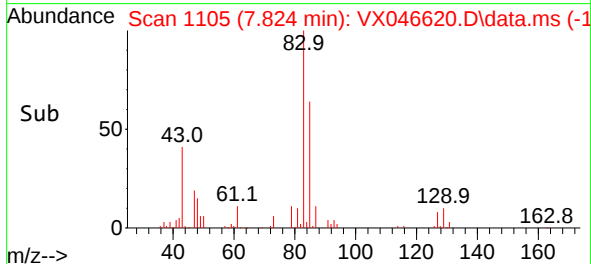
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 83 Resp: 35030  
Ion Ratio Lower Upper  
83 100  
85 64.0 49.8 74.6  
127 8.3 5.5 8.3

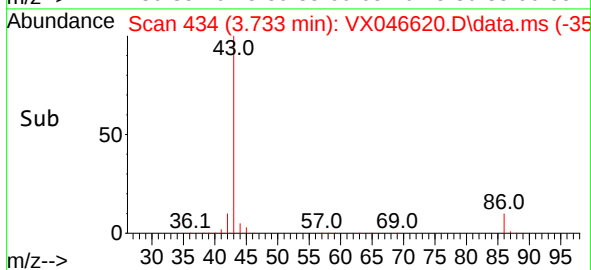
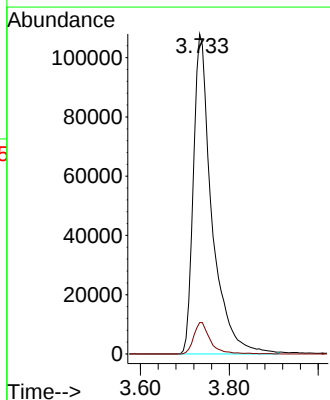
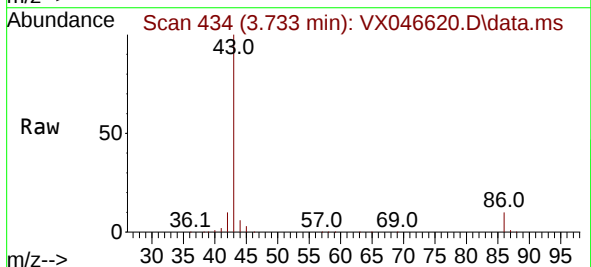
Manual Integrations  
APPROVED

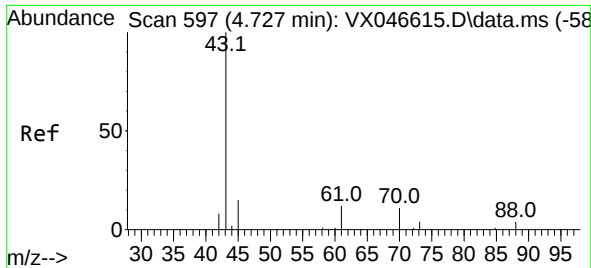
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#42  
Vinyl Acetate  
Concen: 100.381 ug/l  
RT: 3.733 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 43 Resp: 311920  
Ion Ratio Lower Upper  
43 100  
86 8.6 6.4 9.6





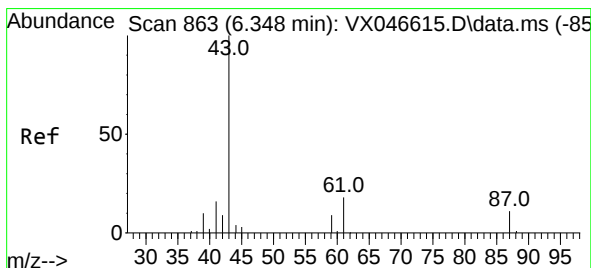
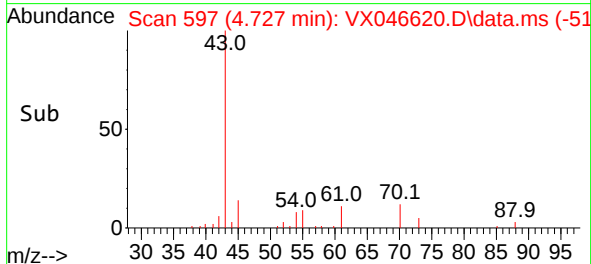
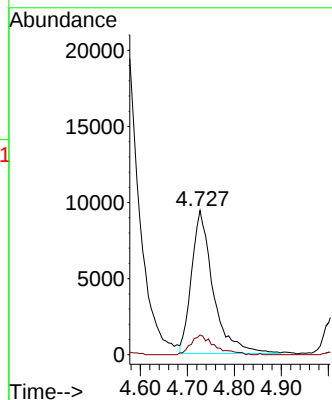
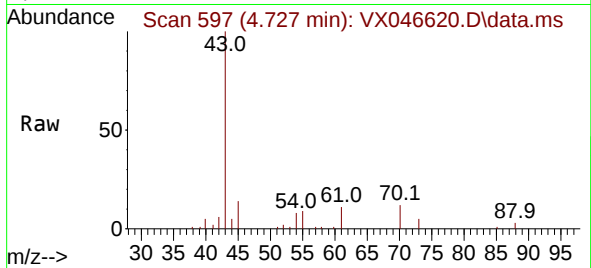
#43  
Ethyl Acetate  
Concen: 19.747 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025

Tgt Ion: 43 Resp: 3012  
Ion Ratio Lower Upper  
43 100  
45 13.2 7.9 11.9

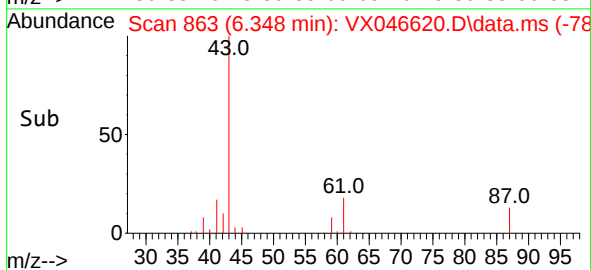
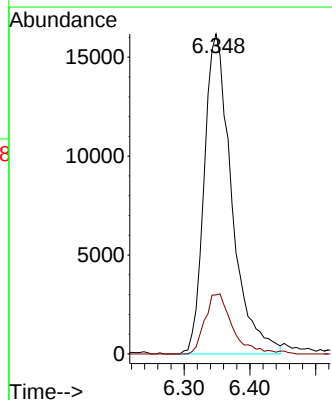
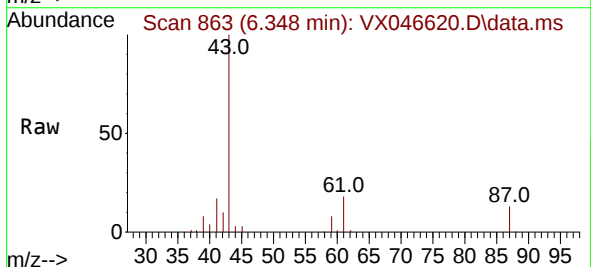
Manual Integrations  
APPROVED

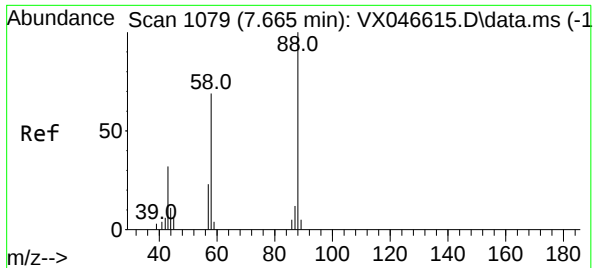
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#44  
Isopropyl Acetate  
Concen: 19.737 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

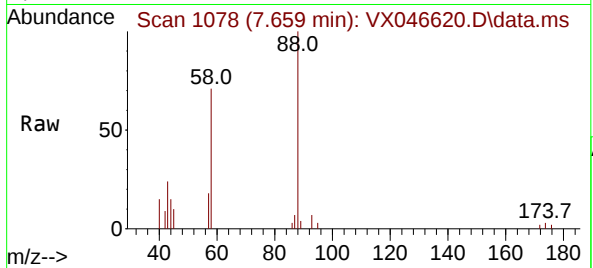
Tgt Ion: 43 Resp: 47093  
Ion Ratio Lower Upper  
43 100  
61 18.4 15.0 22.4





#45  
1,4-Dioxane  
Concen: 404.565 ug/l  
RT: 7.659 min Scan# 1078  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

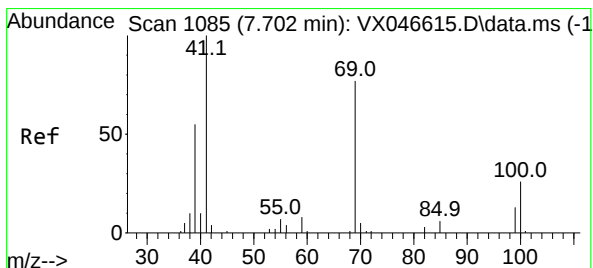
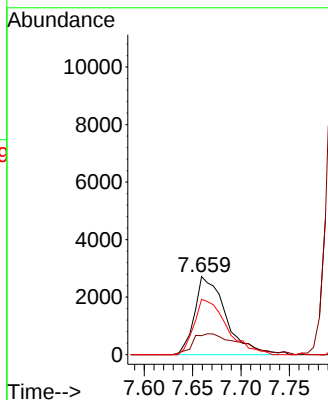
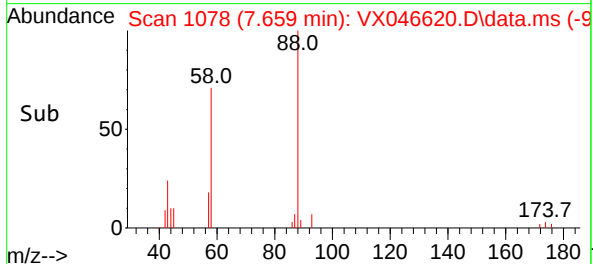
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 88 Resp: 6089  
Ion Ratio Lower Upper  
88 100  
43 10.2 21.6 32.4  
58 74.2 60.8 91.2

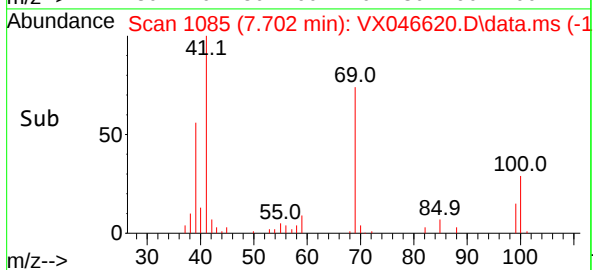
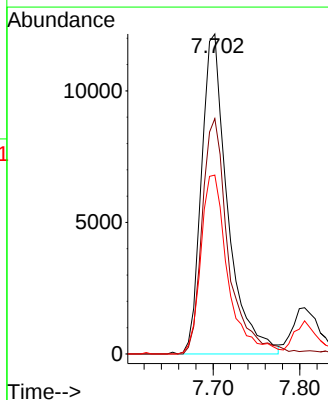
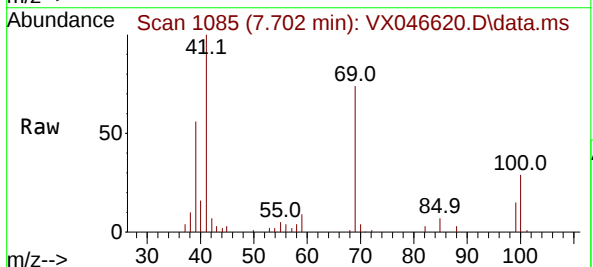
Manual Integrations  
APPROVED

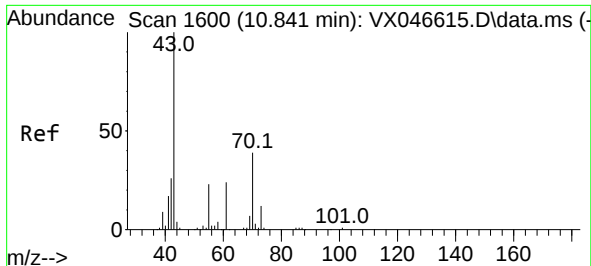
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#46  
Methyl methacrylate  
Concen: 19.609 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

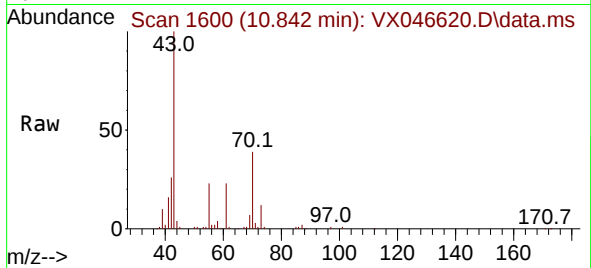
Tgt Ion: 41 Resp: 25547  
Ion Ratio Lower Upper  
41 100  
69 73.6 38.7 116.1  
39 55.9 27.7 83.1





#47  
n-amy1 Acetate  
Concen: 19.676 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

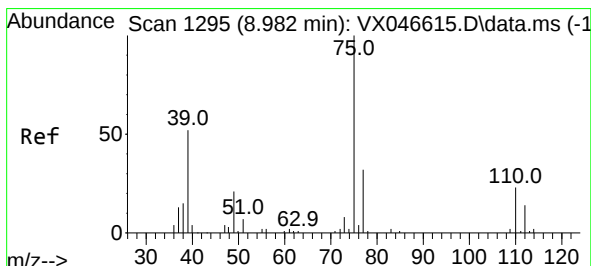
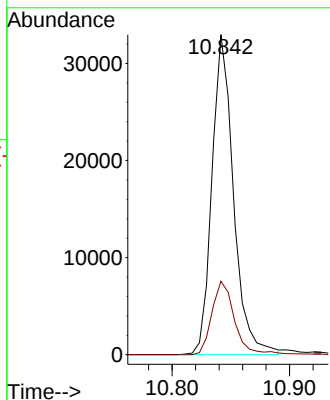
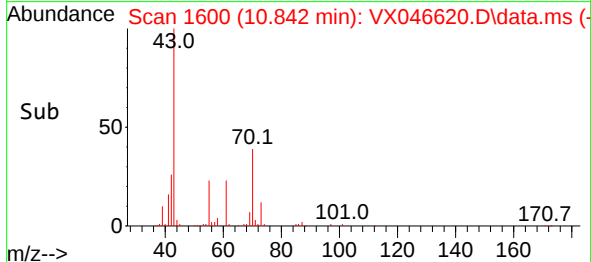
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 43 Resp: 41994  
Ion Ratio Lower Upper  
43 100  
55 24.3 19.4 29.2

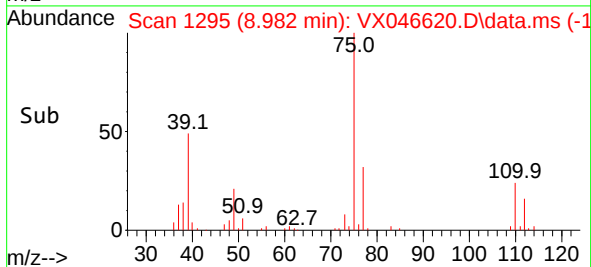
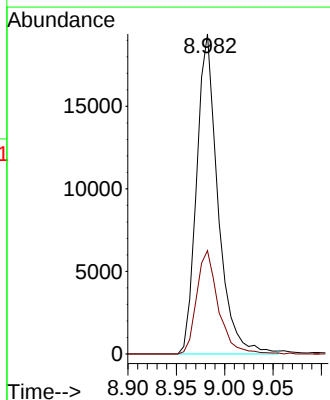
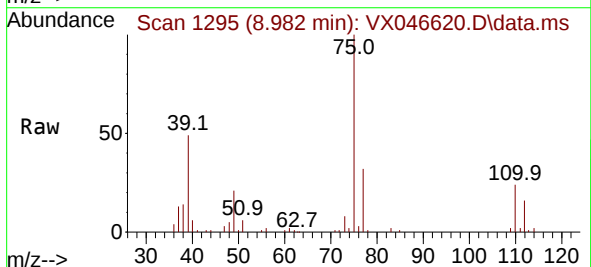
Manual Integrations  
APPROVED

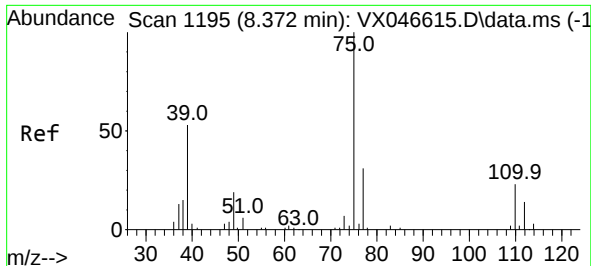
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#48  
t-1,3-Dichloropropene  
Concen: 18.423 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 75 Resp: 29793  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.4 38.0





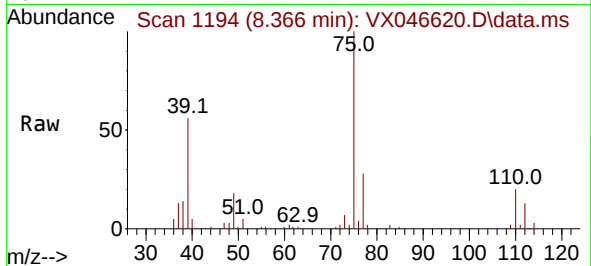
#49  
 cis-1,3-Dichloropropene  
 Concen: 19.386 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX061025



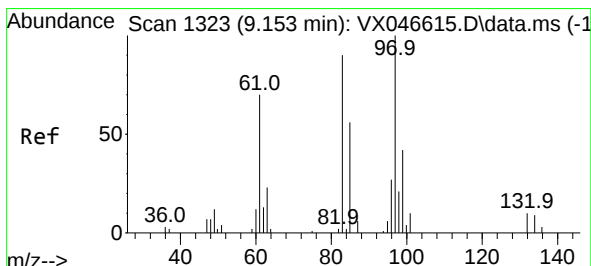
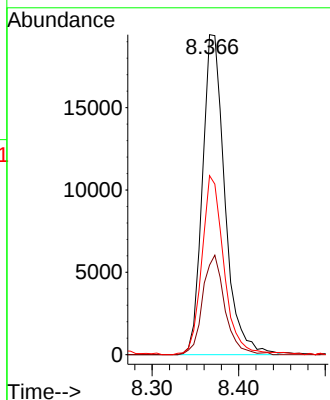
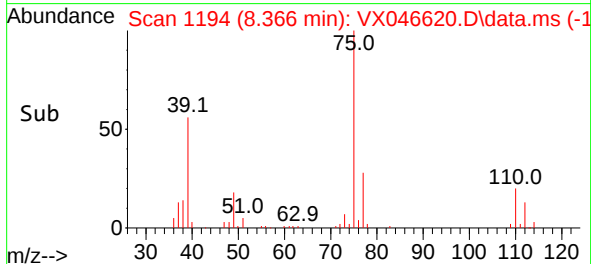
Tgt Ion: 75 Resp: 3500  
 Ion Ratio Lower Upper  
 75 100  
 77 28.0 24.6 36.8  
 39 55.5 42.7 64.1

Manual Integrations

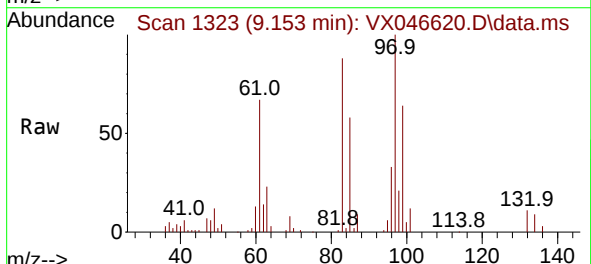
APPROVED

Reviewed By :John Carlone 06/11/2025

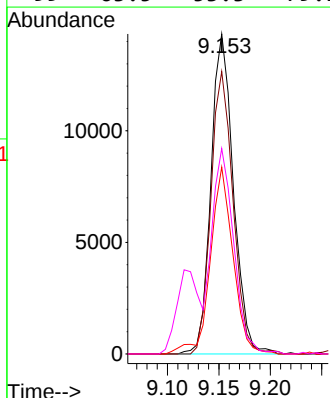
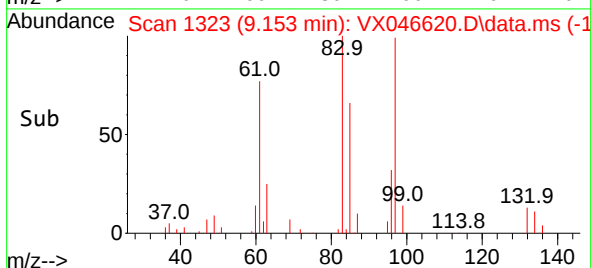
Supervised By :Mahesh Dadoda 06/11/2025

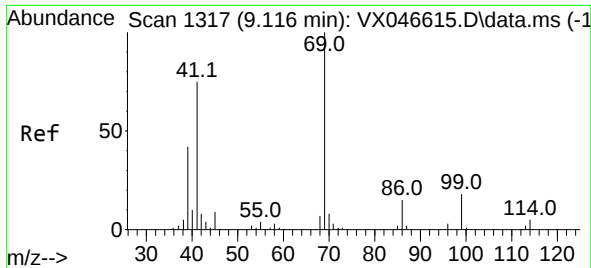


#50  
 1,1,2-Trichloroethane  
 Concen: 19.467 ug/l  
 RT: 9.153 min Scan# 1323  
 Delta R.T. 0.000 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26



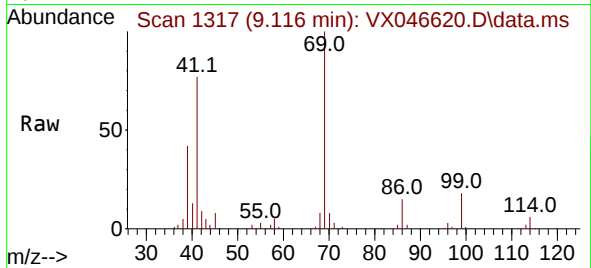
Tgt Ion: 97 Resp: 21725  
 Ion Ratio Lower Upper  
 97 100  
 83 88.3 72.1 108.1  
 85 58.4 47.5 71.3  
 99 63.5 53.3 79.9





#51  
Ethyl methacrylate  
Concen: 19.032 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

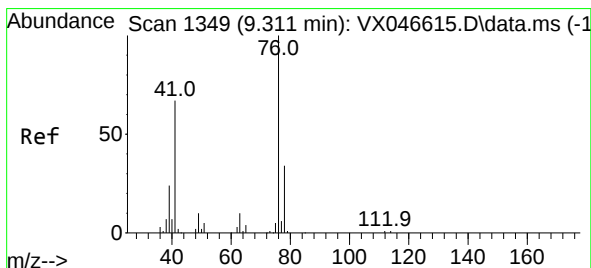
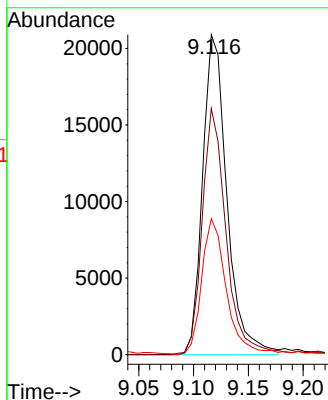
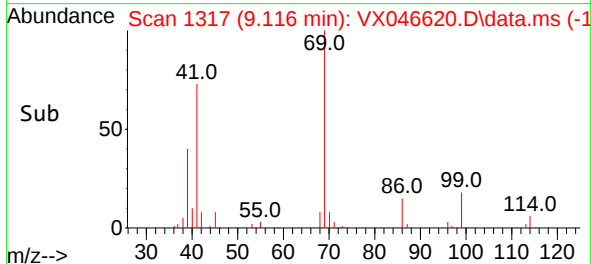
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



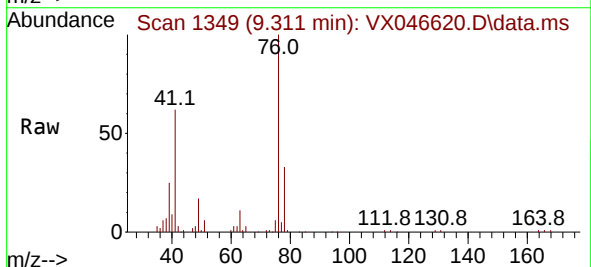
Tgt Ion: 69 Resp: 32290  
Ion Ratio Lower Upper  
69 100  
41 76.4 37.4 112.2  
39 42.5 20.8 62.5

Manual Integrations  
APPROVED

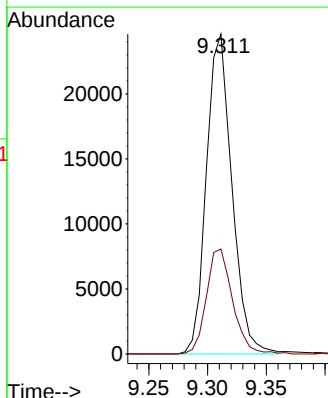
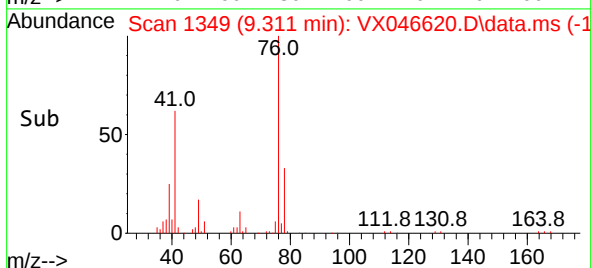
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

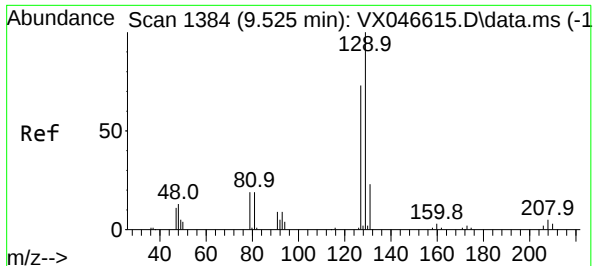


#52  
1,3-Dichloropropane  
Concen: 19.143 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



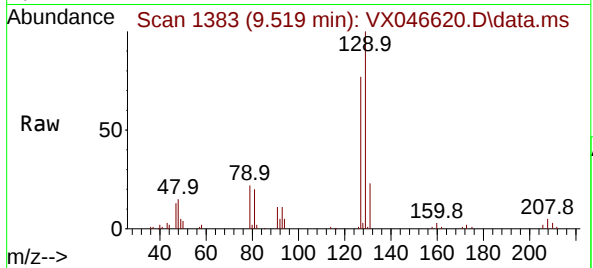
Tgt Ion: 76 Resp: 37211  
Ion Ratio Lower Upper  
76 100  
78 33.6 0.0 62.6





#53  
Dibromochloromethane  
Concen: 19.199 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

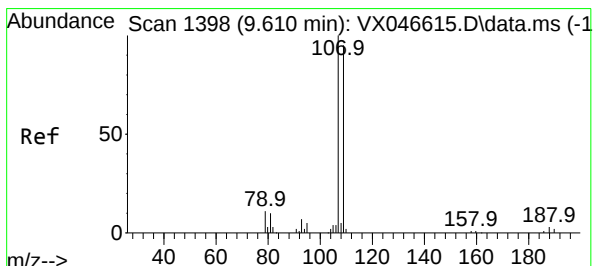
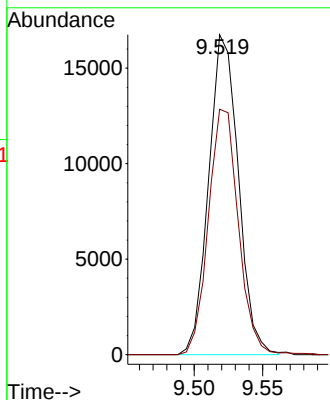
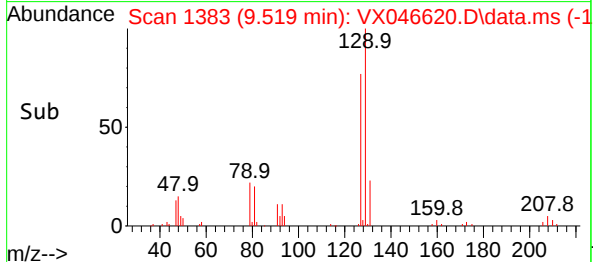
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



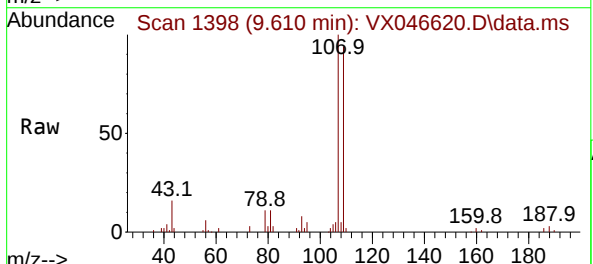
Tgt Ion:129 Resp: 25258  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.3 114.9

Manual Integrations  
APPROVED

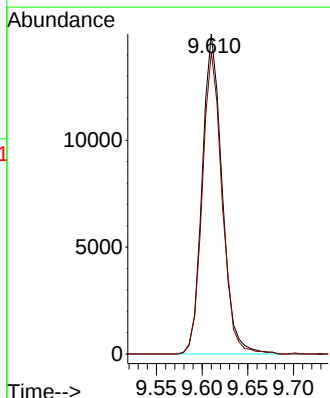
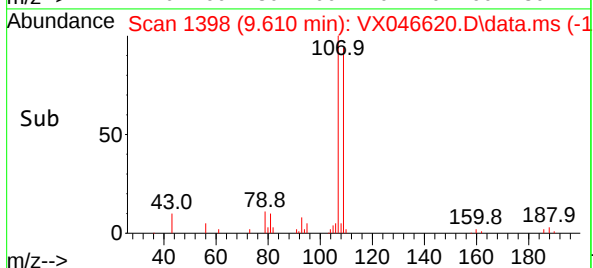
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

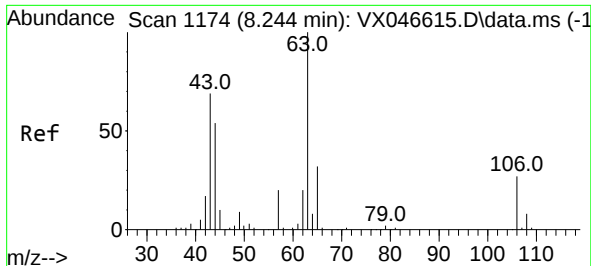


#54  
1,2-Dibromoethane  
Concen: 19.241 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



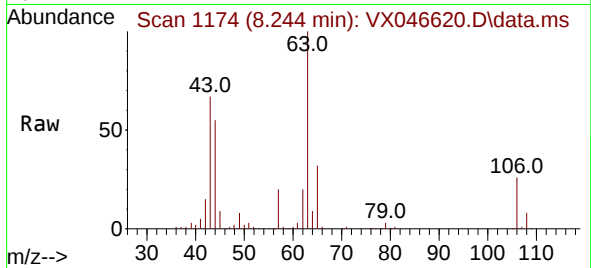
Tgt Ion:107 Resp: 22587  
Ion Ratio Lower Upper  
107 100  
109 94.0 75.8 113.8





#55  
2-Chloroethyl vinyl ether  
Concen: 99.945 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

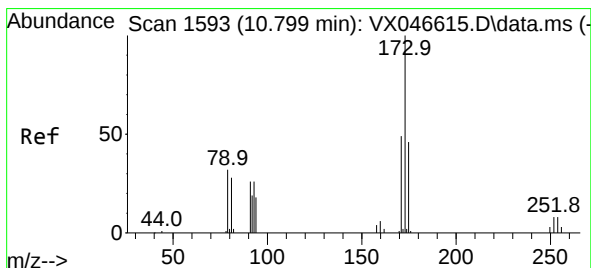
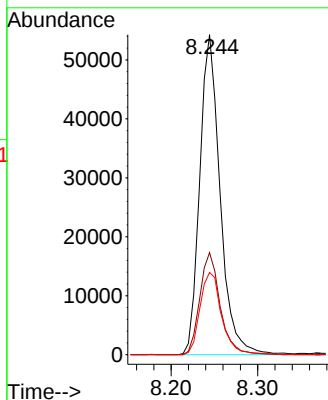
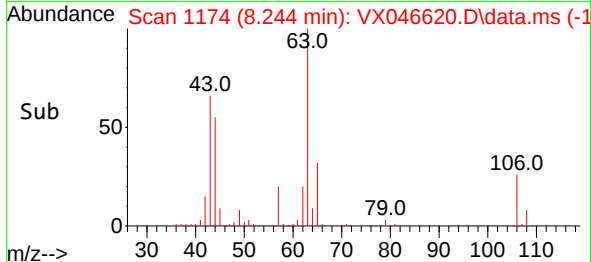
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 63 Resp: 8857  
Ion Ratio Lower Upper  
63 100  
65 31.9 25.2 37.8  
106 27.2 21.8 32.6

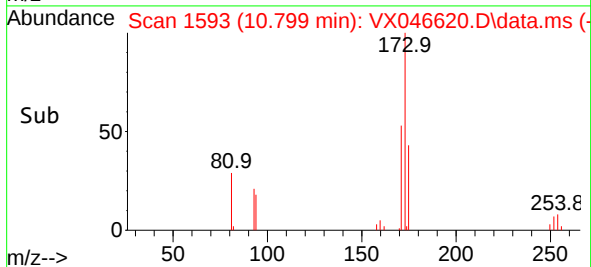
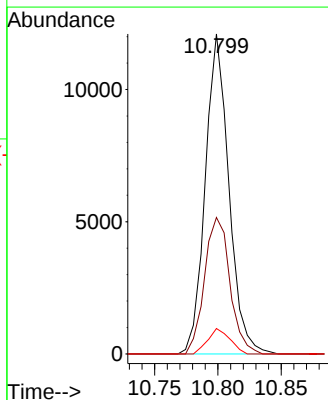
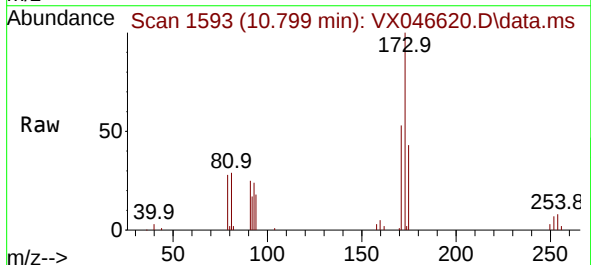
Manual Integrations  
APPROVED

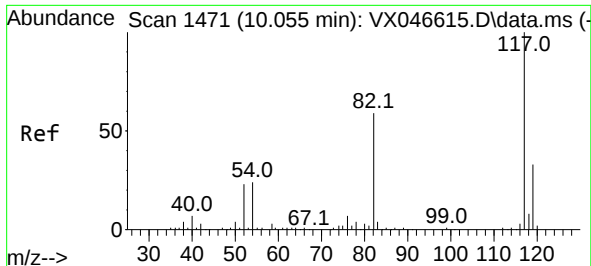
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#56  
Bromoform  
Concen: 19.319 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion:173 Resp: 15704  
Ion Ratio Lower Upper  
173 100  
175 45.9 38.0 57.0  
254 7.5 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVVX061025

Tgt Ion: 117 Resp: 94298

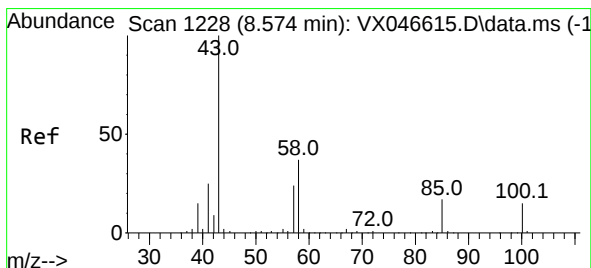
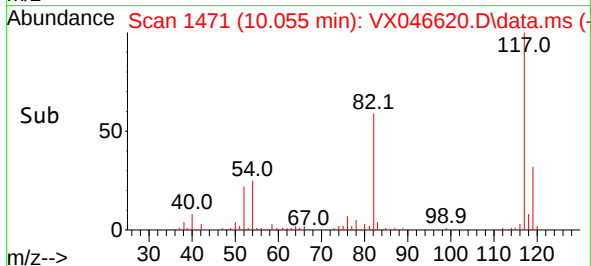
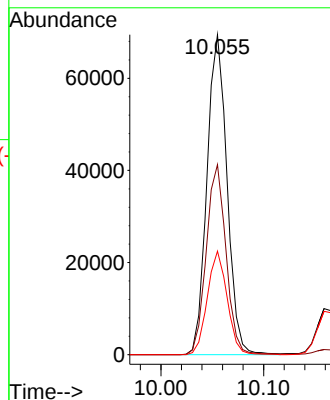
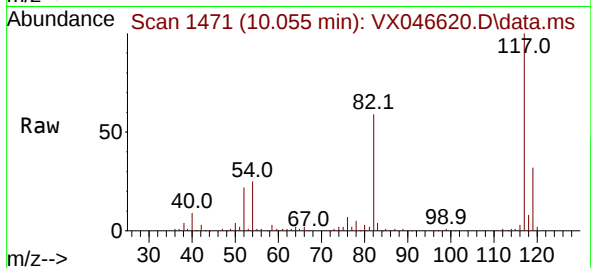
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 58.6  | 46.5  | 69.7  |
| 119 | 32.0  | 25.8  | 38.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#58

4-Methyl-2-Pentanone

Concen: 98.710 ug/l

RT: 8.574 min Scan# 1228

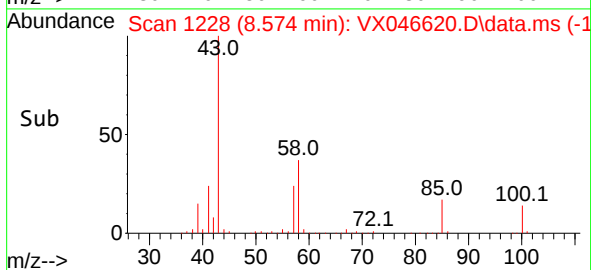
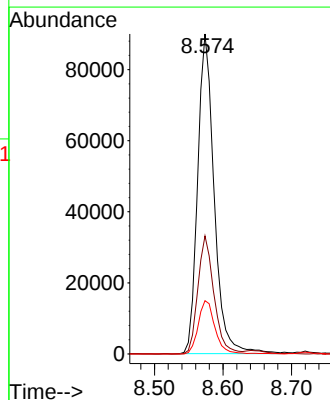
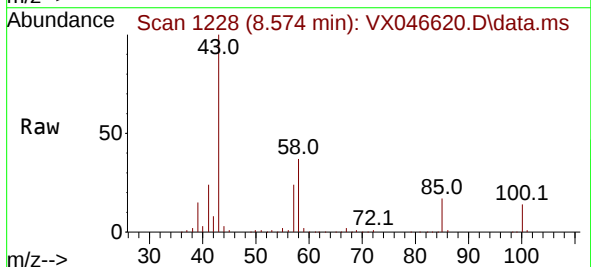
Delta R.T. 0.000 min

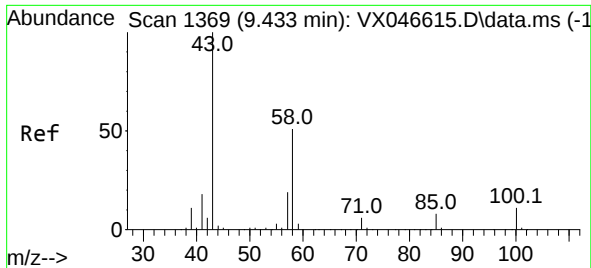
Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Tgt Ion: 43 Resp: 151408

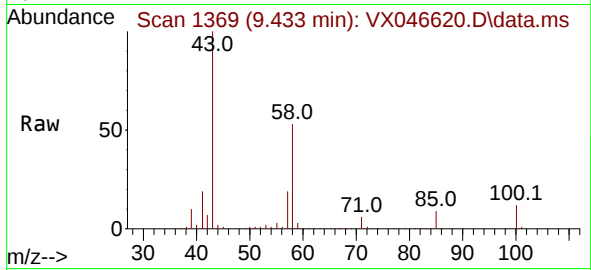
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 36.0  | 29.4  | 44.2  |
| 85  | 16.8  | 13.3  | 19.9  |





#59  
2-Hexanone  
Concen: 97.744 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

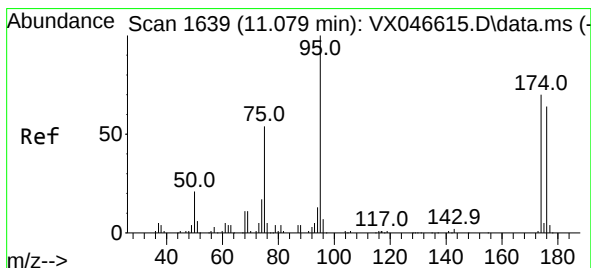
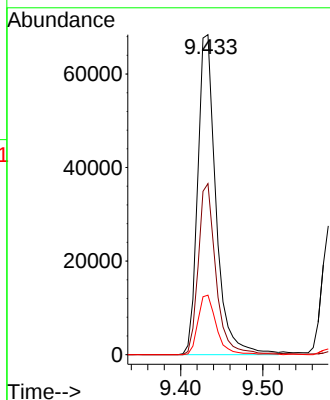
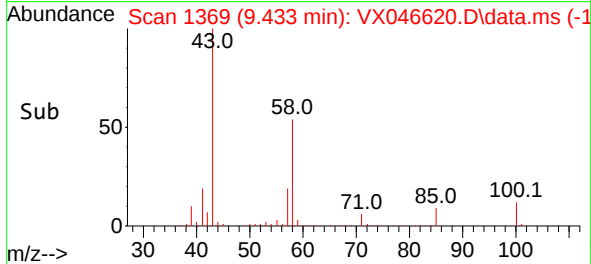
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 43 Resp: 10576  
Ion Ratio Lower Upper  
43 100  
58 51.4 39.8 59.8  
57 18.4 14.5 21.7

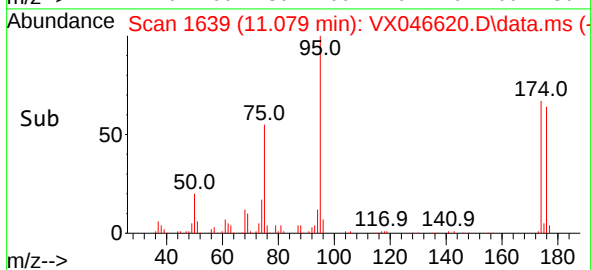
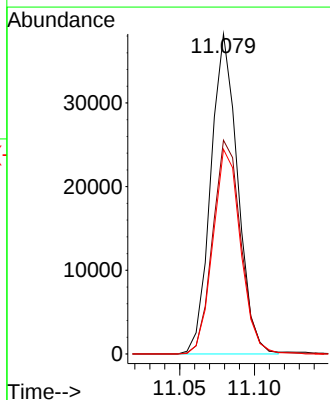
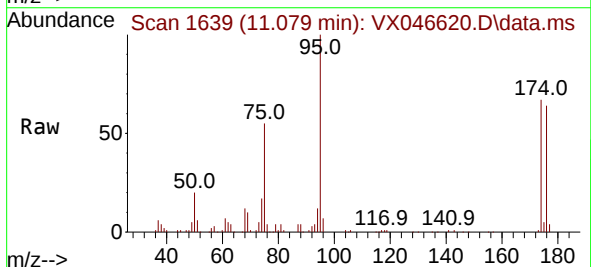
Manual Integrations  
APPROVED

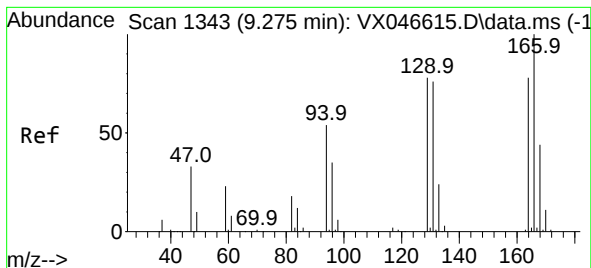
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#60  
4-Bromofluorobenzene  
Concen: 30.100 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 95 Resp: 47841  
Ion Ratio Lower Upper  
95 100  
174 69.9 56.0 84.0  
176 65.8 52.2 78.4





#61

Tetrachloroethene

Concen: 19.275 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX046620.D

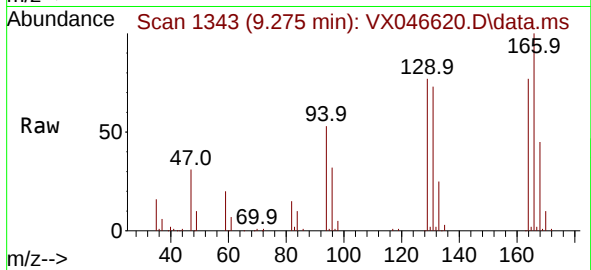
Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX061025



Tgt Ion:164 Resp: 19049

Ion Ratio Lower Upper

164 100

166 130.1 103.1 154.7

129 99.7 80.3 120.5

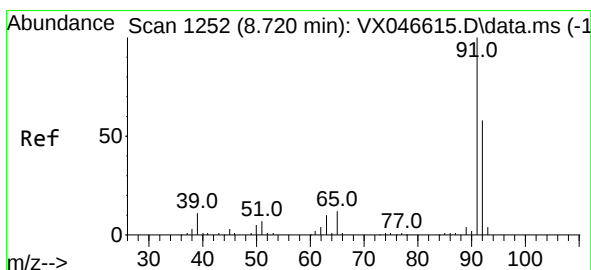
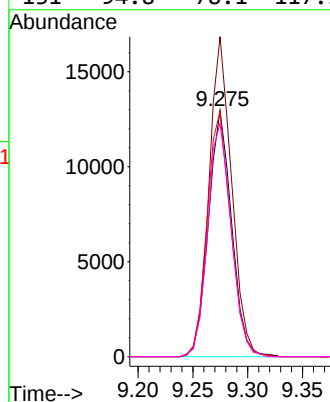
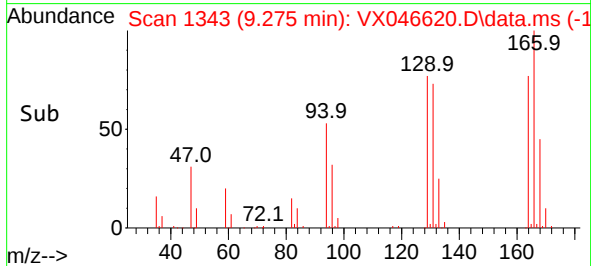
131 94.8 78.1 117.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#62

Toluene

Concen: 19.399 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX046620.D

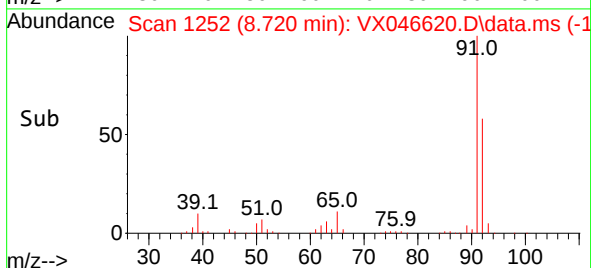
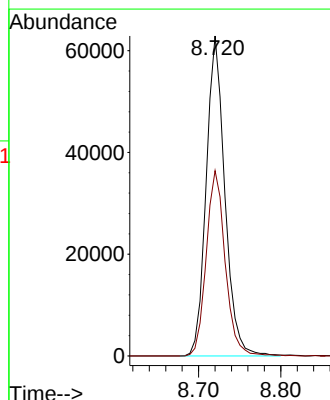
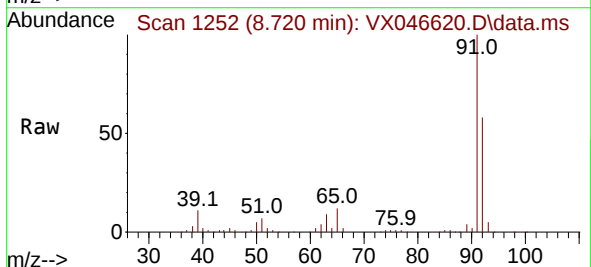
Acq: 10 Jun 2025 22:26

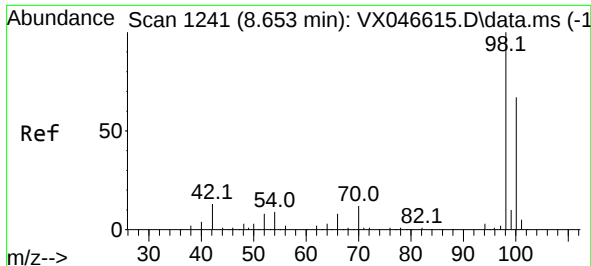
Tgt Ion: 91 Resp: 99135

Ion Ratio Lower Upper

91 100

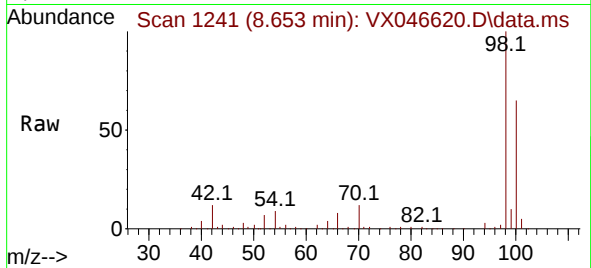
92 58.9 46.8 70.2





#63  
Toluene-d8  
Concen: 30.271 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

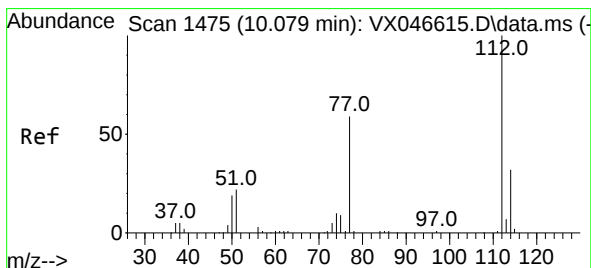
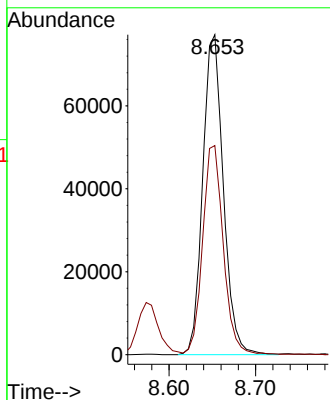
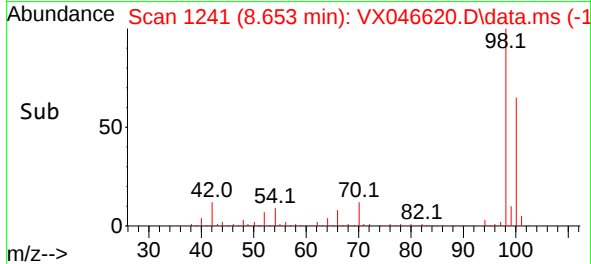
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX061025



Tgt Ion: 98 Resp: 12750  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.6 79.0

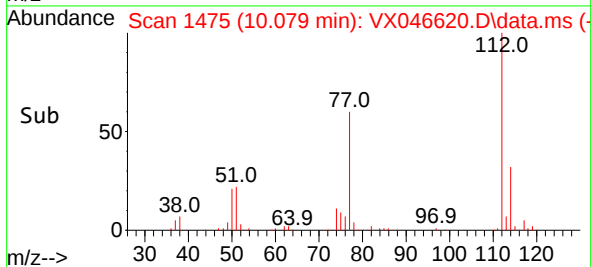
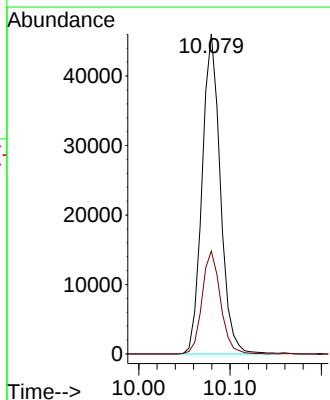
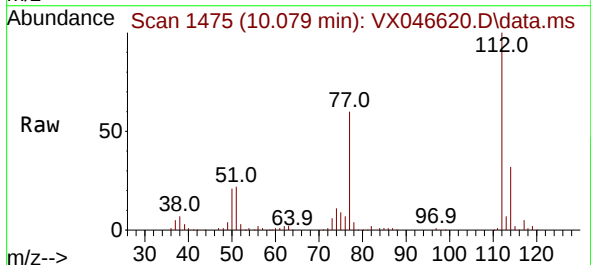
Manual Integrations  
APPROVED

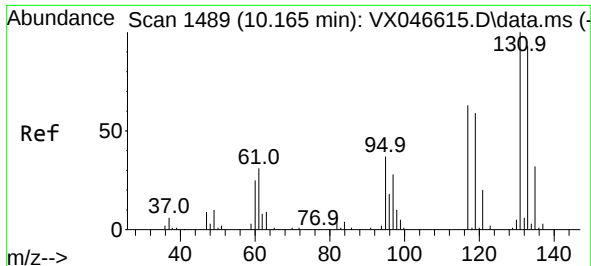
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#64  
Chlorobenzene  
Concen: 19.355 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

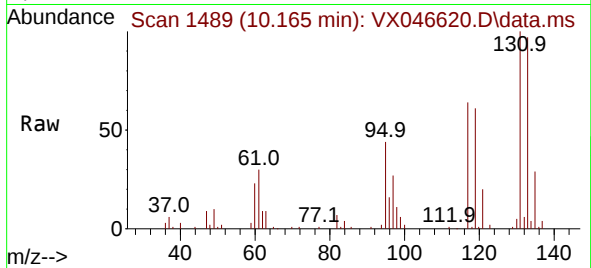
Tgt Ion:112 Resp: 63797  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.4 38.0





#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.199 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

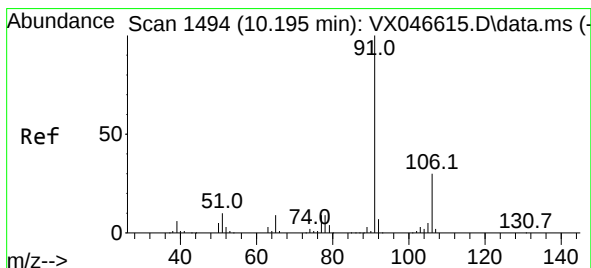
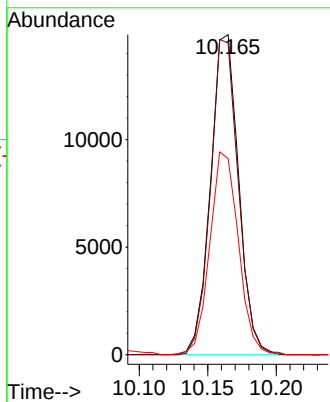
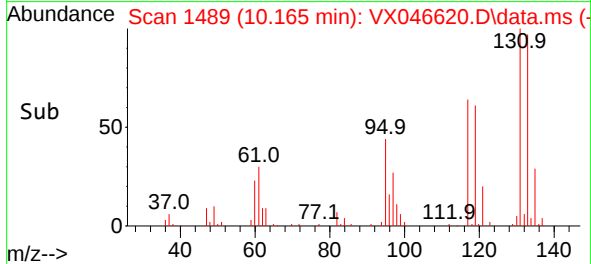
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion:131 Resp: 21209  
Ion Ratio Lower Upper  
131 100  
133 97.1 0.0 190.6  
119 64.5 0.0 131.2

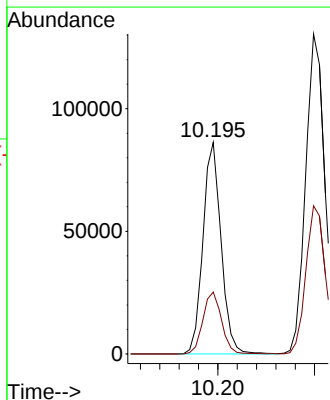
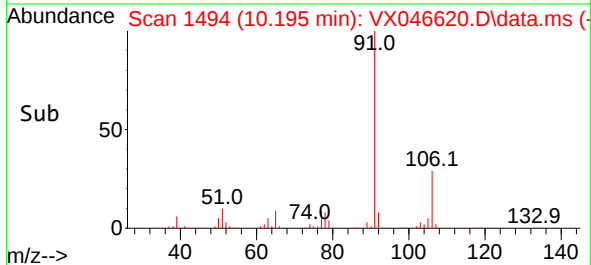
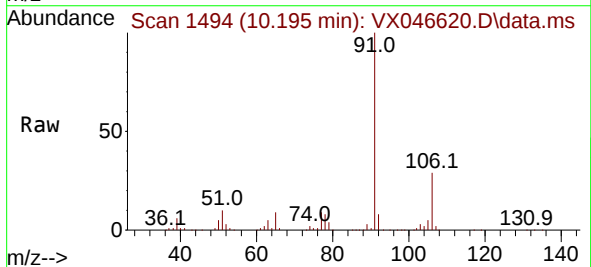
Manual Integrations  
APPROVED

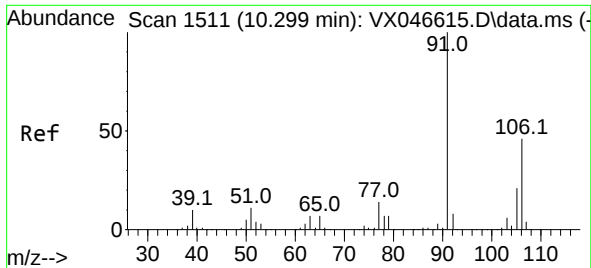
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#66  
Ethyl Benzene  
Concen: 19.321 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 91 Resp: 112742  
Ion Ratio Lower Upper  
91 100  
106 29.3 23.9 35.9





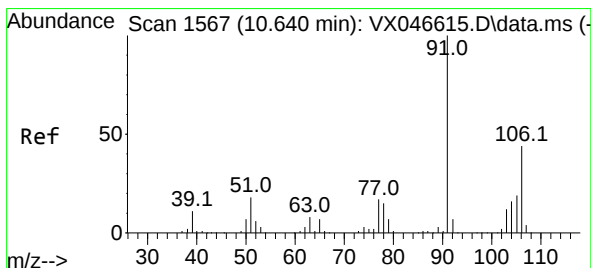
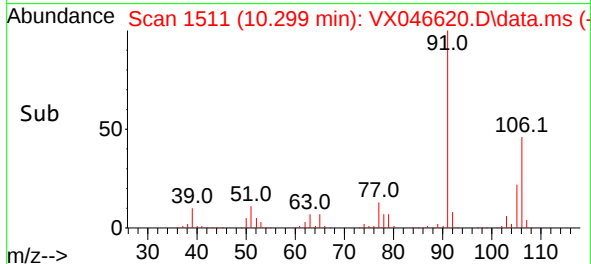
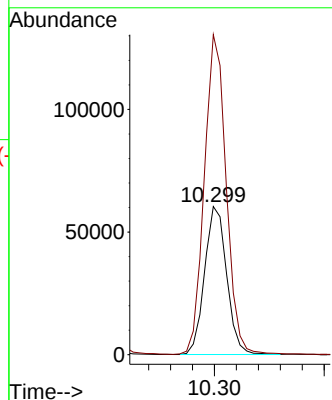
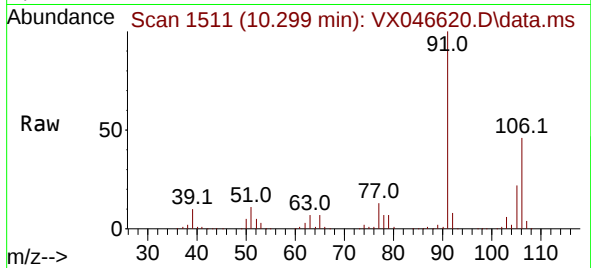
#67  
m/p-Xylenes  
Concen: 39.025 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX061025

Tgt Ion:106 Resp: 84228  
Ion Ratio Lower Upper  
106 100  
91 214.9 171.5 257.3

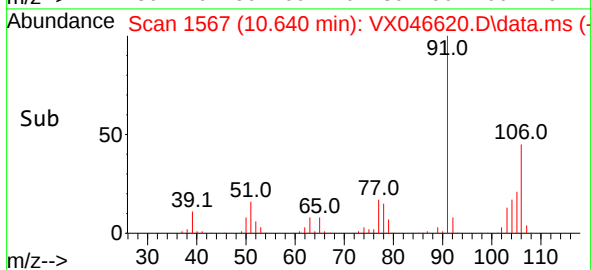
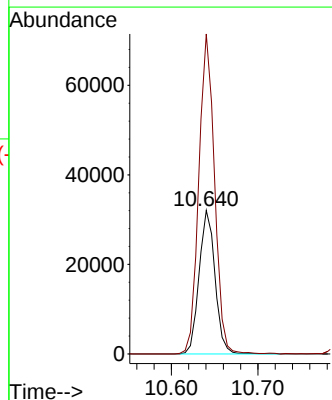
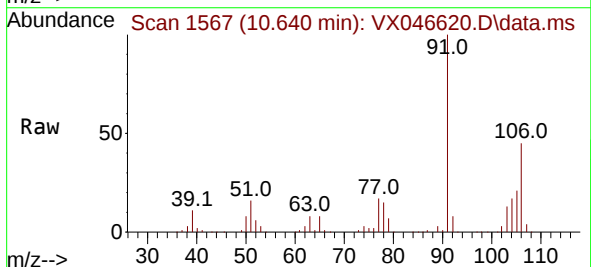
Manual Integrations  
APPROVED

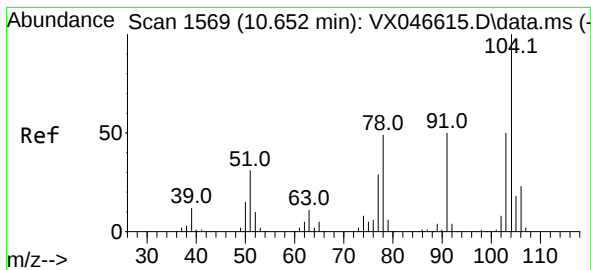
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#68  
o-Xylene  
Concen: 19.734 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion:106 Resp: 41009  
Ion Ratio Lower Upper  
106 100  
91 219.3 112.3 336.9





#69

Styrene

Concen: 19.447 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX061025

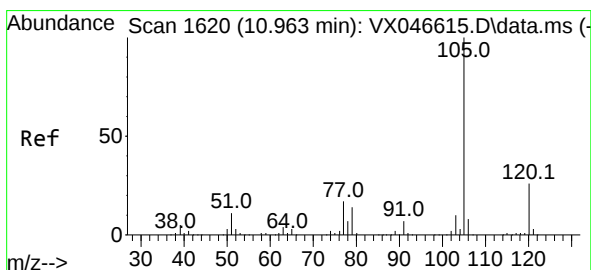
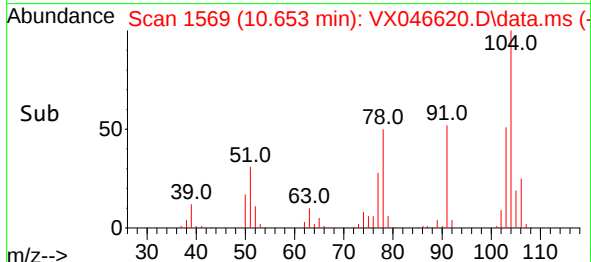
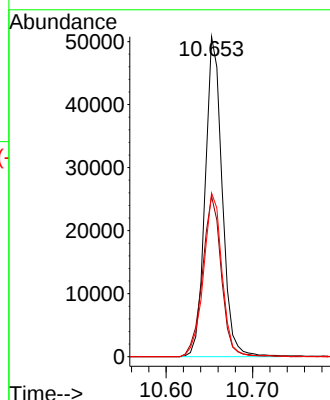
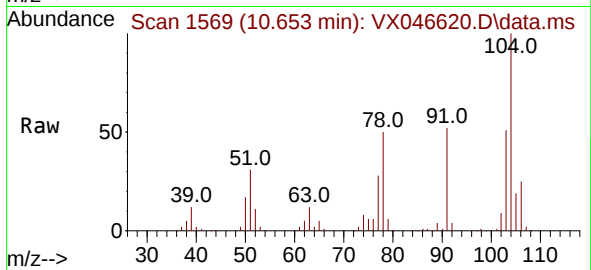
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:104 | Resp: | 69270     |
| Ion Ratio   | Lower | Upper     |
| 104         | 100   |           |
| 78          | 55.4  | 43.1 64.7 |
| 103         | 55.2  | 42.9 64.3 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#70

Isopropylbenzene

Concen: 19.548 ug/l

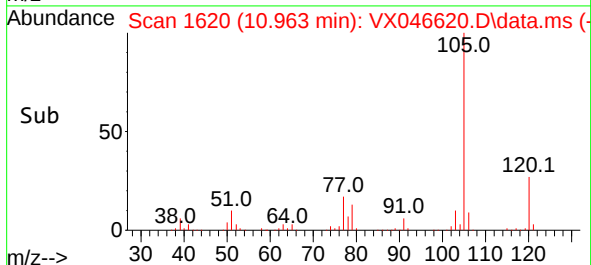
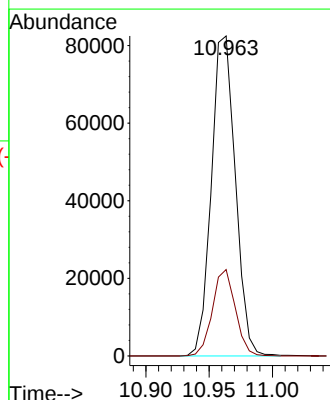
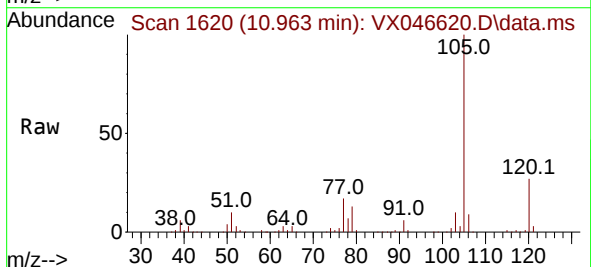
RT: 10.963 min Scan# 1620

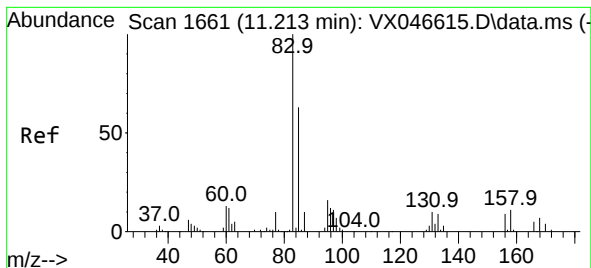
Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

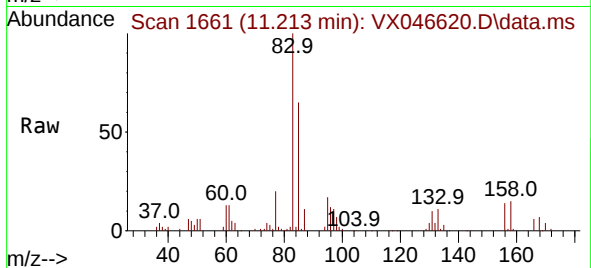
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 109015    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 25.7  | 18.1 33.5 |





#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.550 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

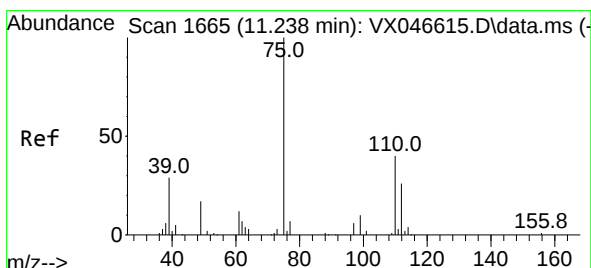
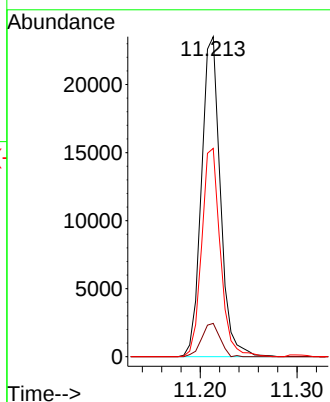
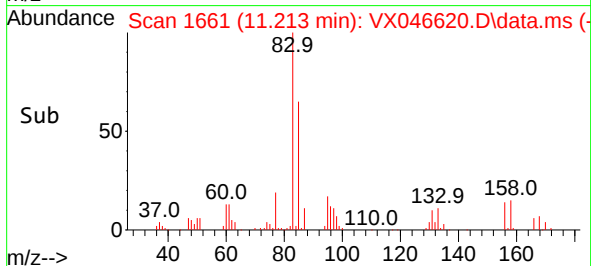
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 83 Resp: 32028  
Ion Ratio Lower Upper  
83 100  
131 10.0 5.0 14.9  
85 64.2 31.5 94.5

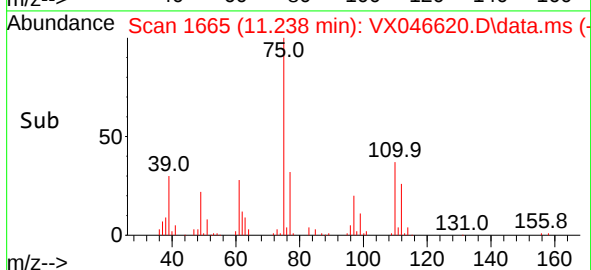
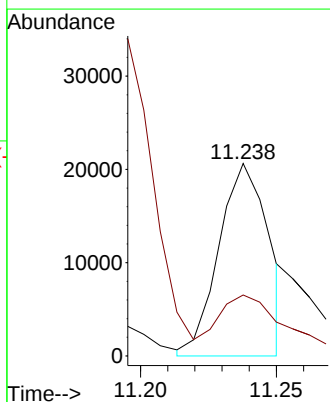
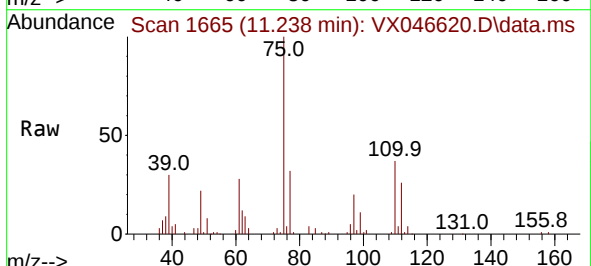
Manual Integrations  
APPROVED

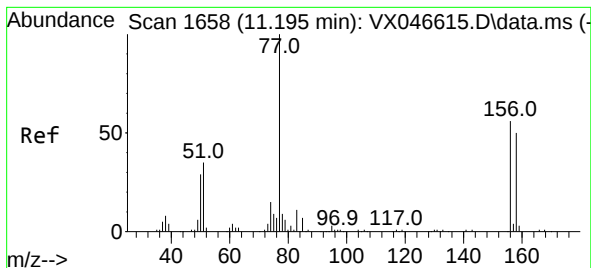
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#72  
1,2,3-Trichloropropane  
Concen: 19.261 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Tgt Ion: 75 Resp: 26343  
Ion Ratio Lower Upper  
75 100  
77 44.2 0.0 82.6





#73

Bromobenzene

Concen: 19.277 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

Instrument :

MSVOA\_X

ClientSampleId :

ICVX061025

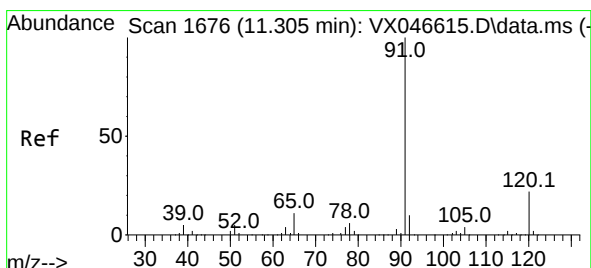
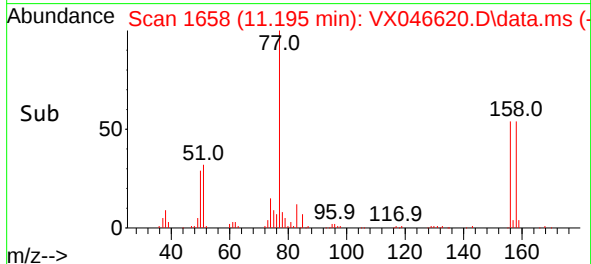
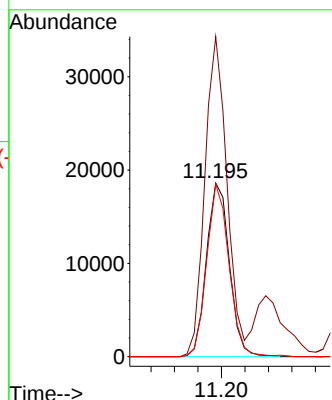
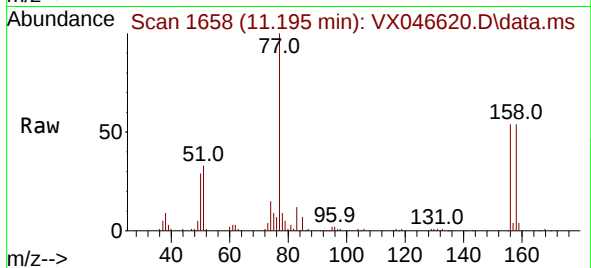
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 25200 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 177.4 | 0.0   | 358.6 |
| 158       | 96.6  | 0.0   | 192.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#74

n-propylbenzene

Concen: 19.794 ug/l

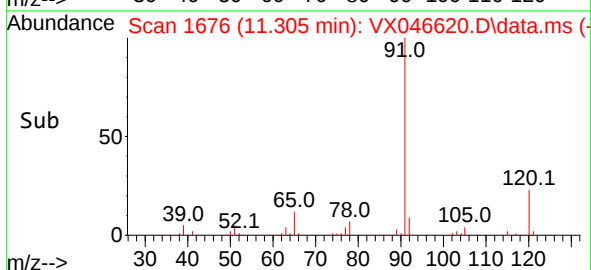
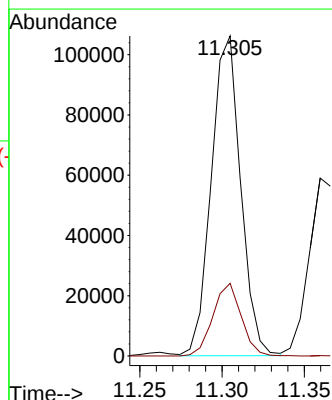
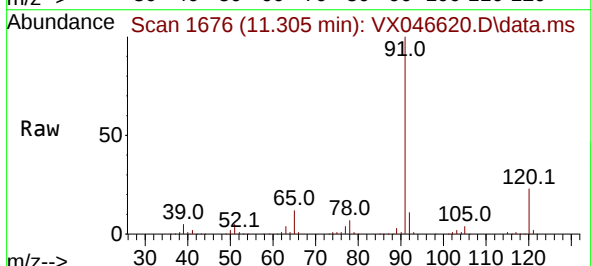
RT: 11.305 min Scan# 1676

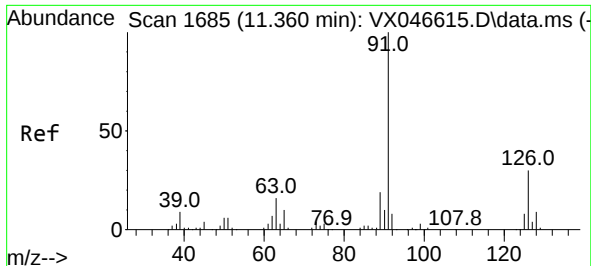
Delta R.T. 0.000 min

Lab File: VX046620.D

Acq: 10 Jun 2025 22:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 132000 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.9  | 0.0   | 43.8   |





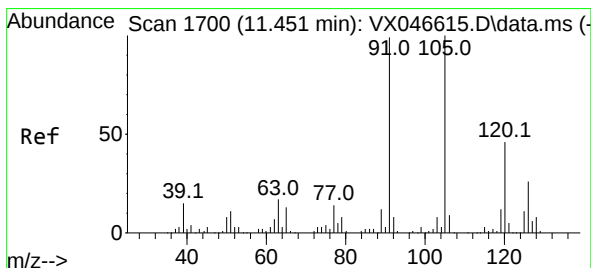
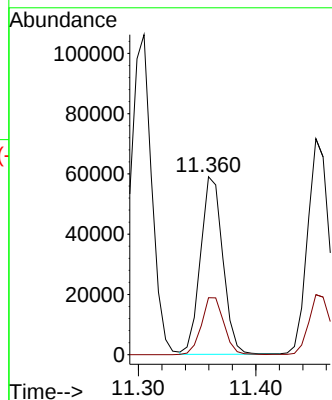
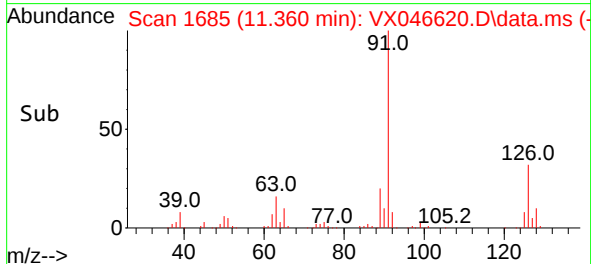
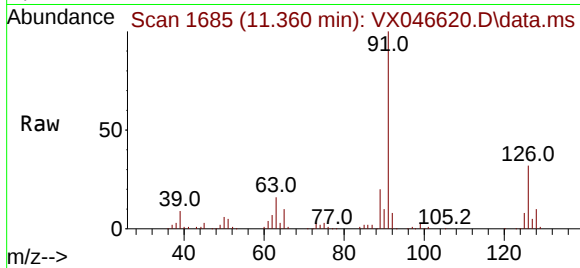
#75  
2-Chlorotoluene  
Concen: 19.560 ug/l  
RT: 11.360 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX061025

Tgt Ion: 91 Resp: 78088  
Ion Ratio Lower Upper  
91 100  
126 32.1 0.0 63.0

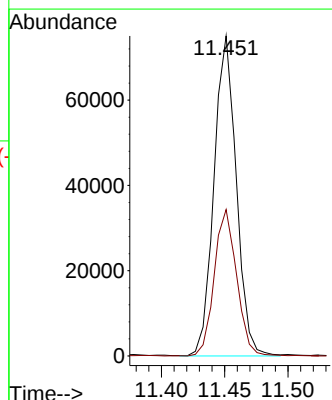
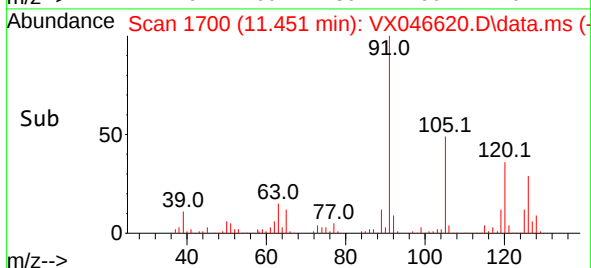
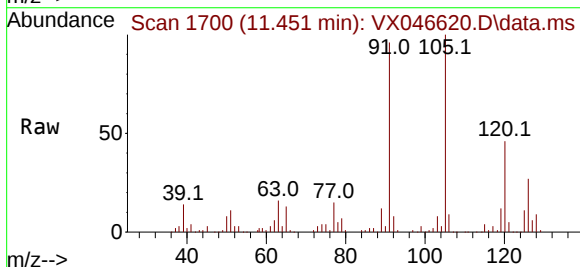
Manual Integrations  
APPROVED

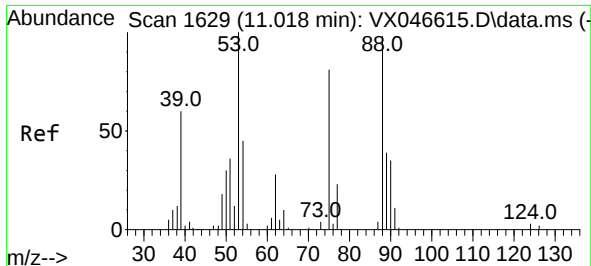
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#76  
1,3,5-Trimethylbenzene  
Concen: 19.841 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

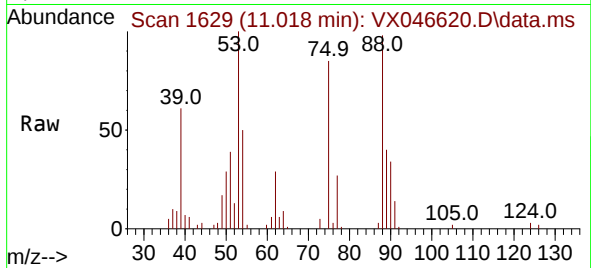
Tgt Ion:105 Resp: 91935  
Ion Ratio Lower Upper  
105 100  
120 45.9 0.0 92.8





#77  
t-1,4-Dichloro-2-butene  
Concen: 18.038 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

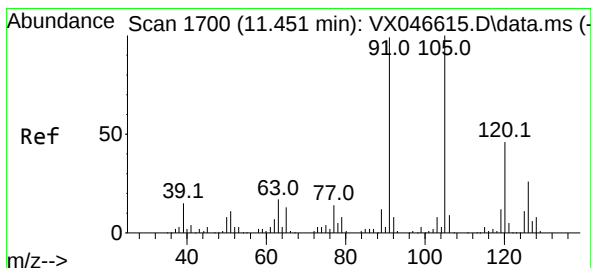
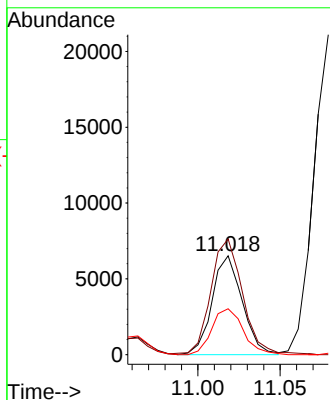
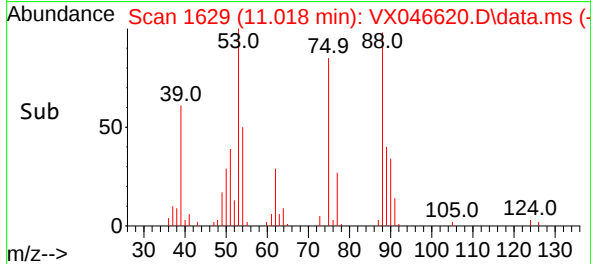
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion: 75 Resp: 8334  
Ion Ratio Lower Upper  
75 100  
53 115.6 61.9 185.7  
89 46.5 24.0 72.0

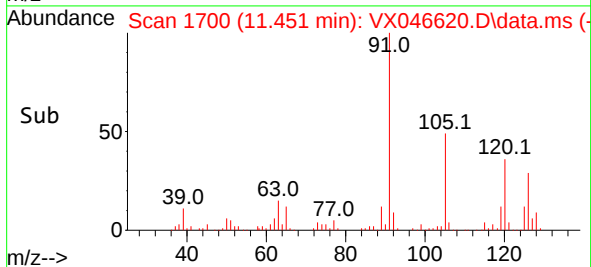
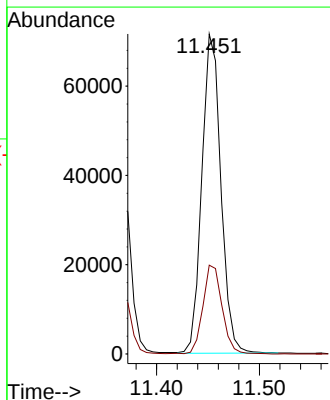
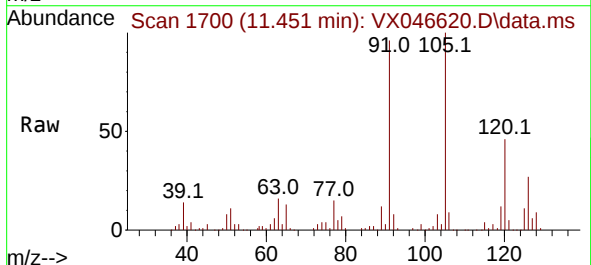
Manual Integrations  
APPROVED

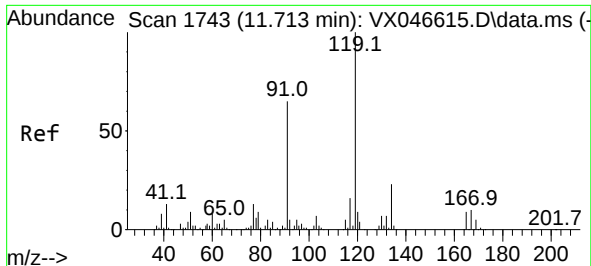
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#78  
4-Chlorotoluene  
Concen: 19.964 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

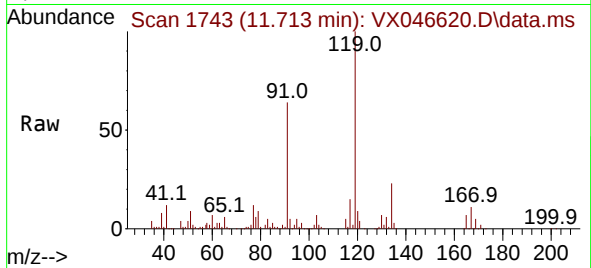
Tgt Ion: 91 Resp: 92213  
Ion Ratio Lower Upper  
91 100  
126 28.0 0.0 55.0





#79  
tert-butylbenzene  
Concen: 19.777 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

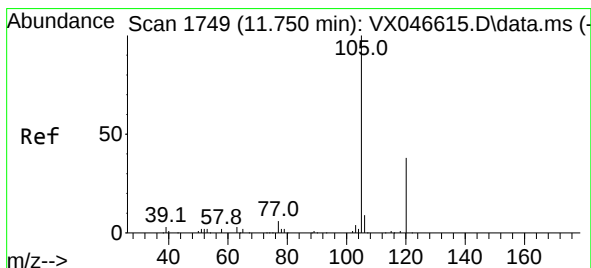
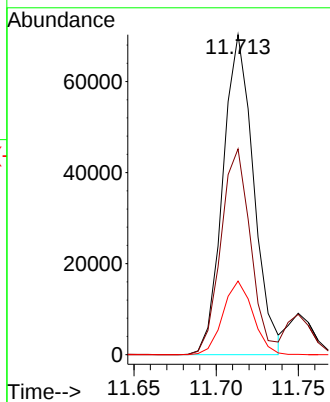
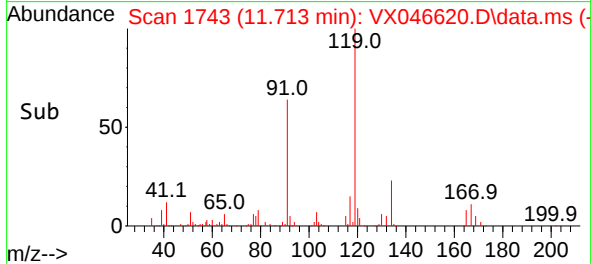
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



Tgt Ion:119 Resp: 91390  
Ion Ratio Lower Upper  
119 100  
91 62.9 0.0 126.0  
134 22.5 0.0 45.6

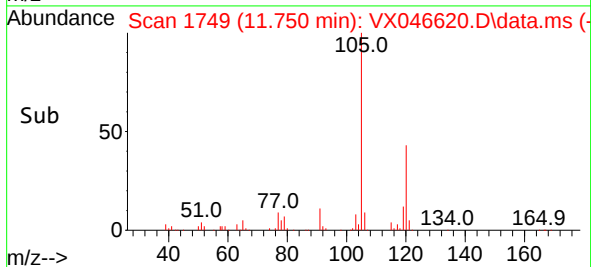
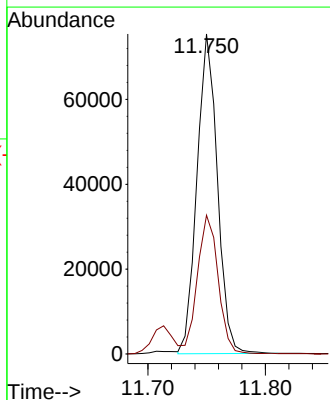
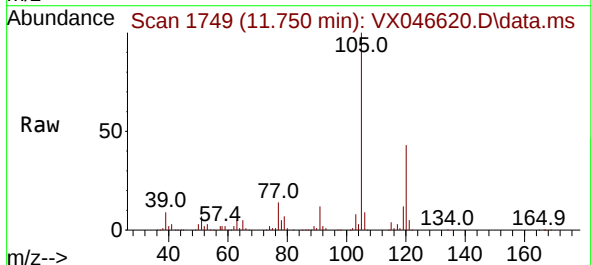
Manual Integrations  
APPROVED

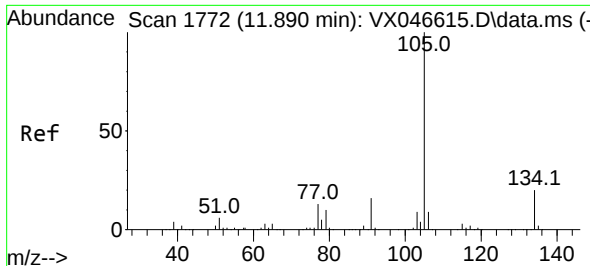
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#80  
1,2,4-Trimethylbenzene  
Concen: 19.890 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

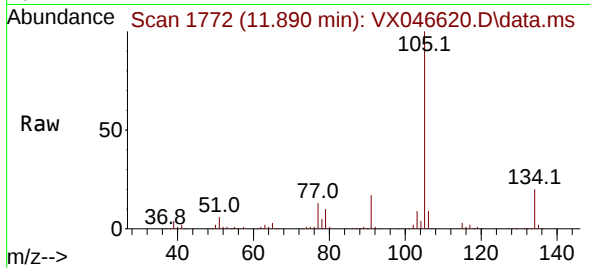
Tgt Ion:105 Resp: 91018  
Ion Ratio Lower Upper  
105 100  
120 44.4 0.0 89.6





#81  
 sec-Butylbenzene  
 Concen: 19.611 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26

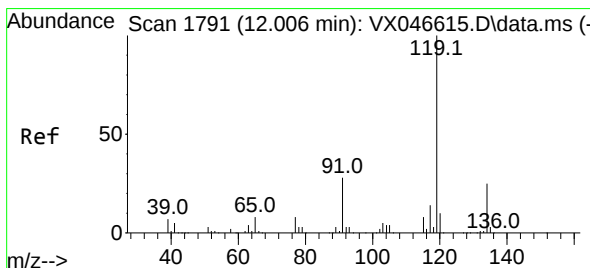
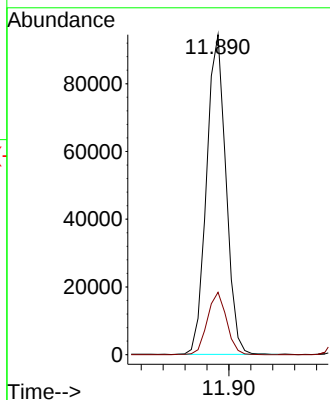
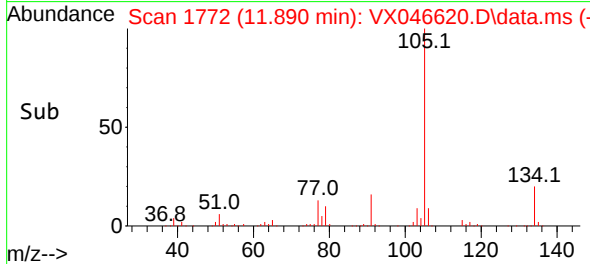
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICVVX061025



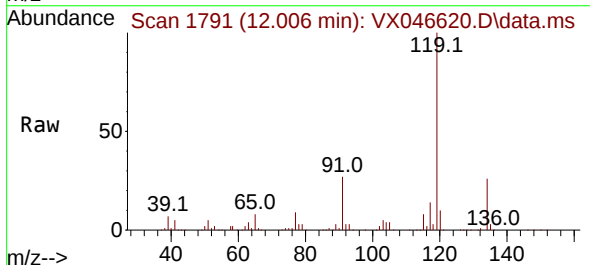
Tgt Ion:105 Resp: 11596  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 38.4

Manual Integrations  
 APPROVED

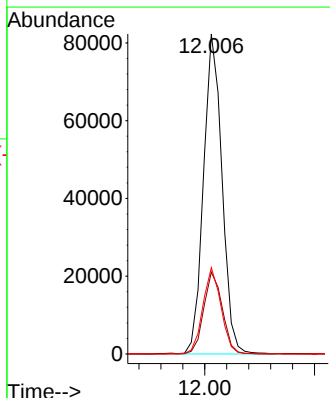
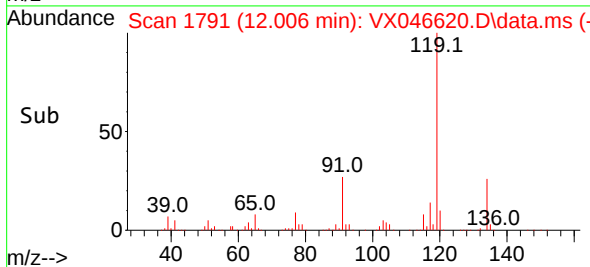
Reviewed By :John Carlone 06/11/2025  
 Supervised By :Mahesh Dadoda 06/11/2025

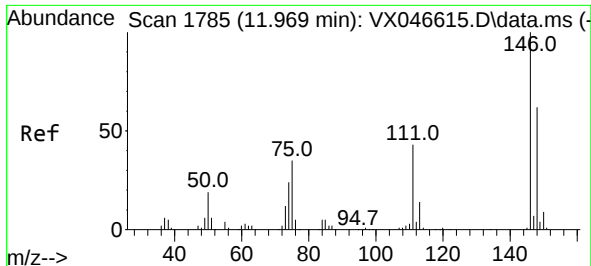


#82  
 p-Isopropyltoluene  
 Concen: 19.884 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX046620.D  
 Acq: 10 Jun 2025 22:26



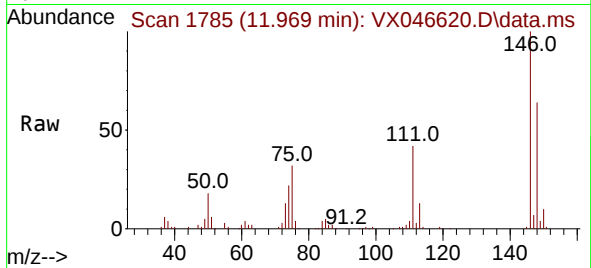
Tgt Ion:119 Resp: 96508  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 0.0 50.0  
 91 26.4 0.0 54.0





#83  
1,3-Dichlorobenzene  
Concen: 19.658 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

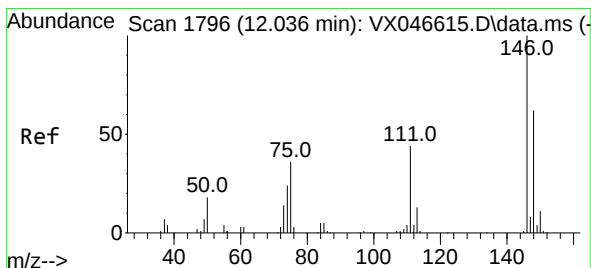
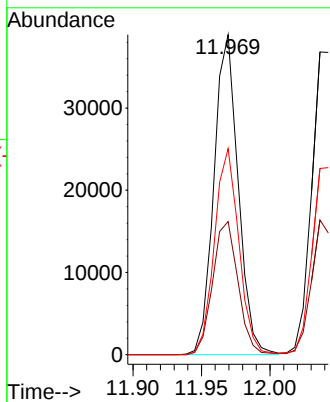
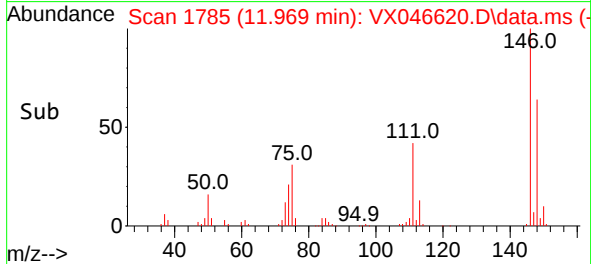
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



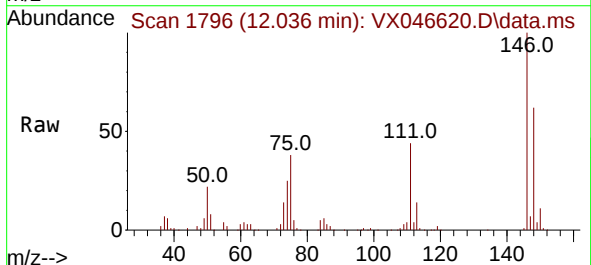
Tgt Ion:146 Resp: 47835  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.9 65.8  
148 65.1 32.0 96.2

Manual Integrations  
APPROVED

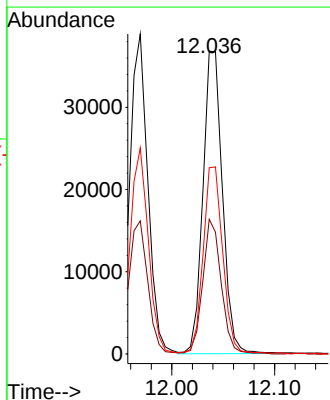
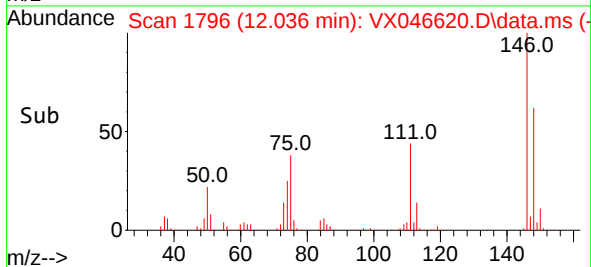
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

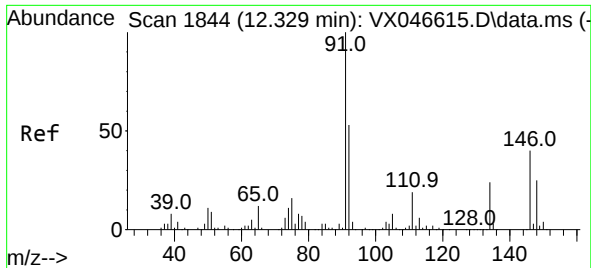


#84  
1,4-Dichlorobenzene  
Concen: 19.878 ug/l  
RT: 12.036 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



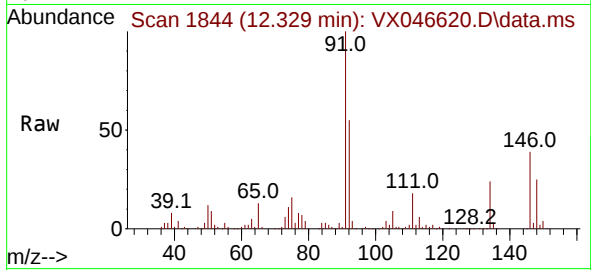
Tgt Ion:146 Resp: 48644  
Ion Ratio Lower Upper  
146 100  
111 42.0 21.3 63.7  
148 62.2 31.4 94.3





#85  
n-Butylbenzene  
Concen: 19.790 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

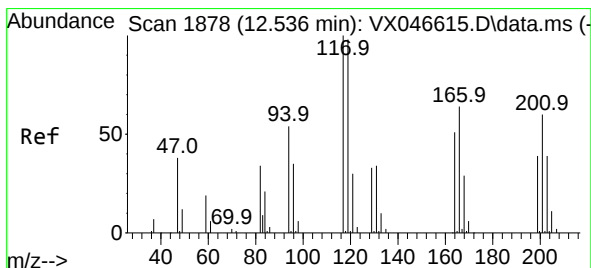
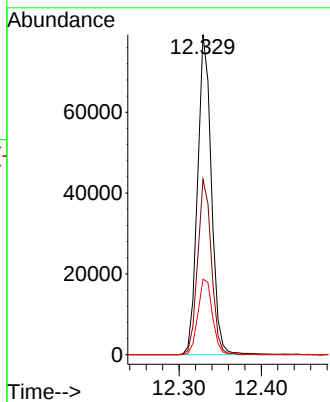
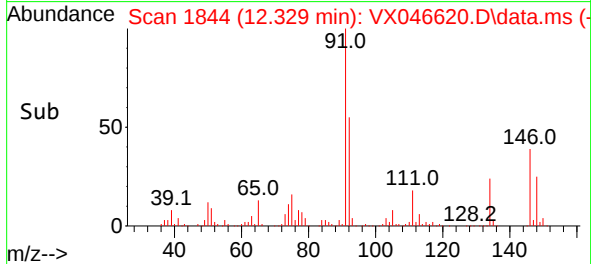
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX061025



Tgt Ion: 91 Resp: 92530  
Ion Ratio Lower Upper  
91 100  
92 54.4 0.0 106.4  
134 24.8 0.0 48.8

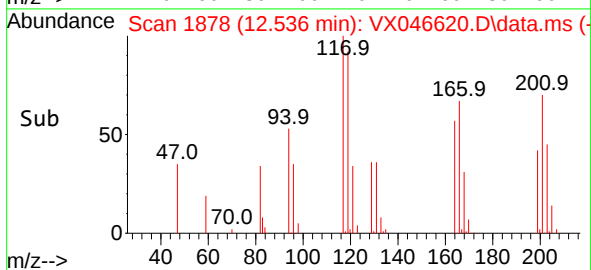
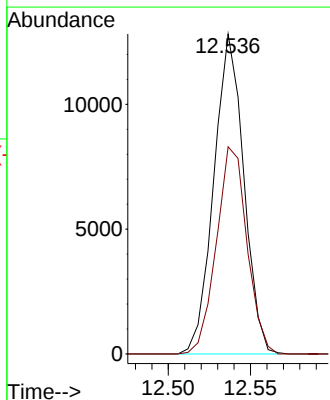
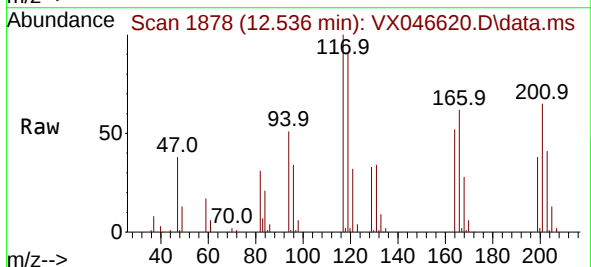
Manual Integrations  
APPROVED

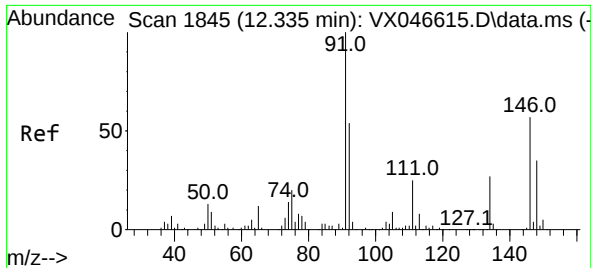
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#86  
Hexachloroethane  
Concen: 19.242 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

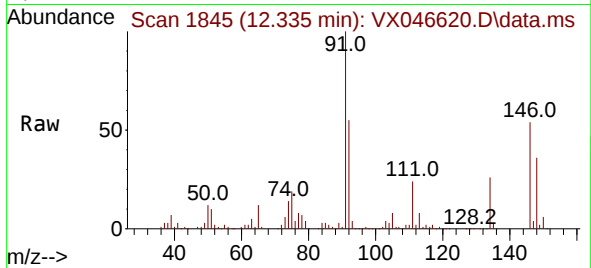
Tgt Ion:117 Resp: 16219  
Ion Ratio Lower Upper  
117 100  
201 66.2 31.7 95.1





#87  
1,2-Dichlorobenzene  
Concen: 19.751 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

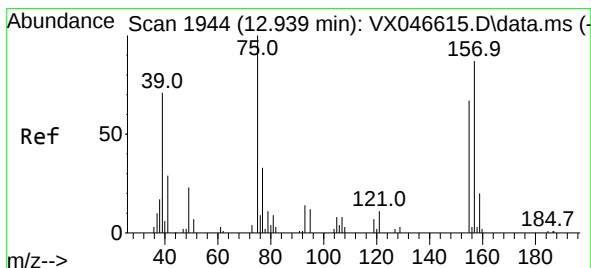
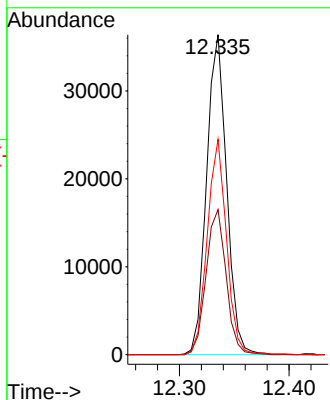
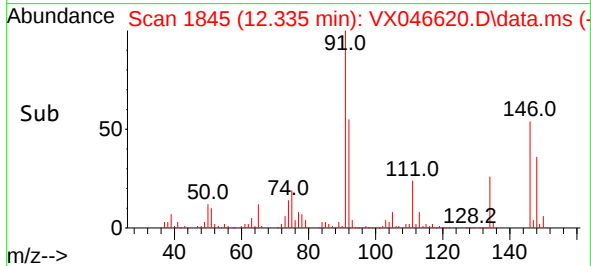
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVX061025



Tgt Ion:146 Resp: 4623  
Ion Ratio Lower Upper  
146 100  
111 45.4 22.9 68.5  
148 64.6 31.6 94.8

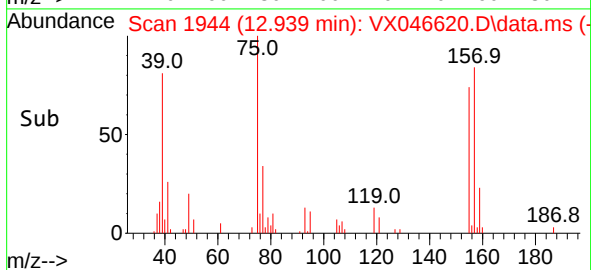
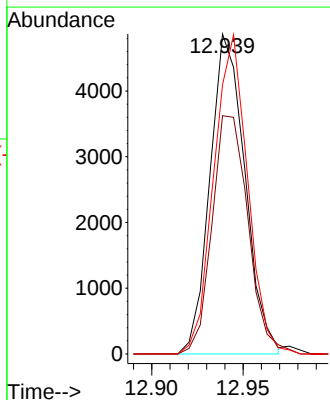
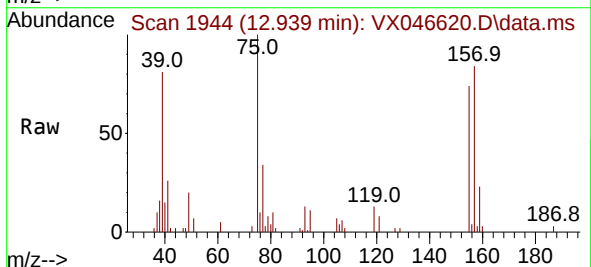
Manual Integrations  
APPROVED

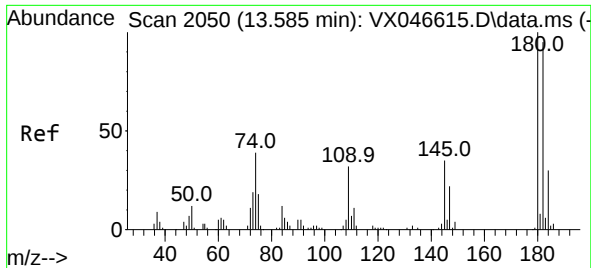
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 19.157 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

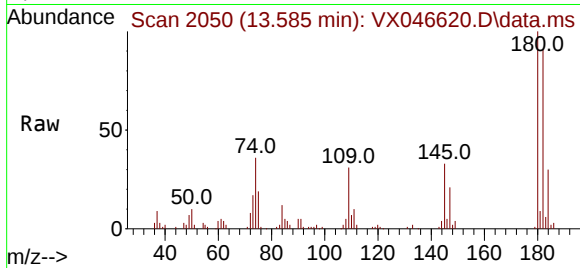
Tgt Ion: 75 Resp: 6474  
Ion Ratio Lower Upper  
75 100  
155 76.9 59.4 89.2  
157 96.4 75.0 112.6





#89  
1,2,4-Trichlorobenzene  
Concen: 19.764 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

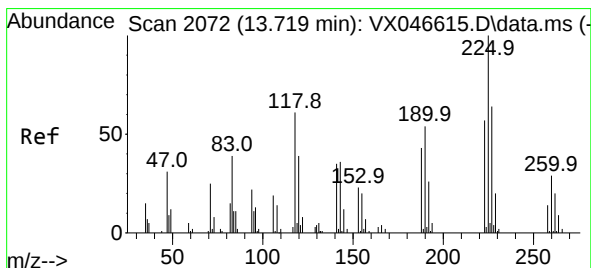
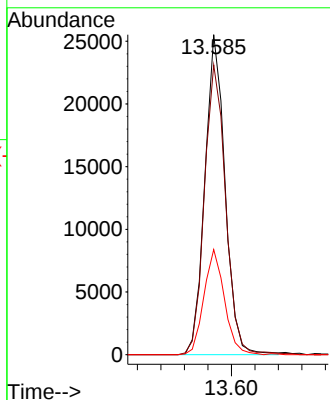
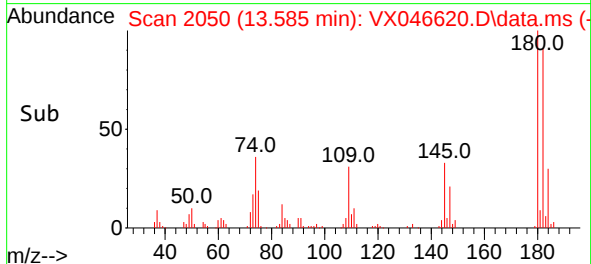
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



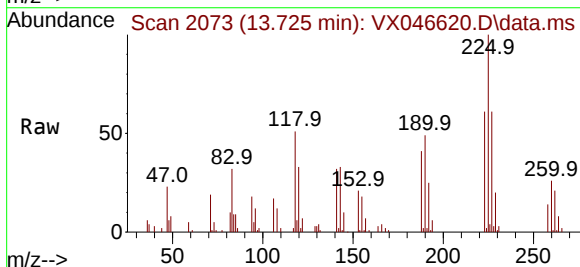
Tgt Ion:180 Resp: 30504  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.0 112.6  
145 33.4 27.4 41.0

Manual Integrations  
APPROVED

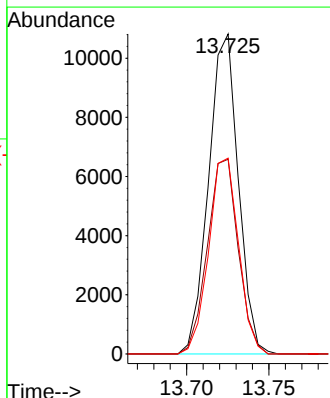
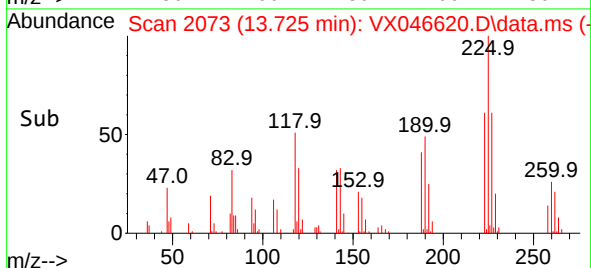
Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025

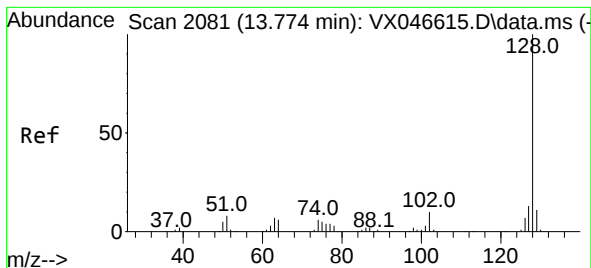


#90  
Hexachlorobutadiene  
Concen: 20.031 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



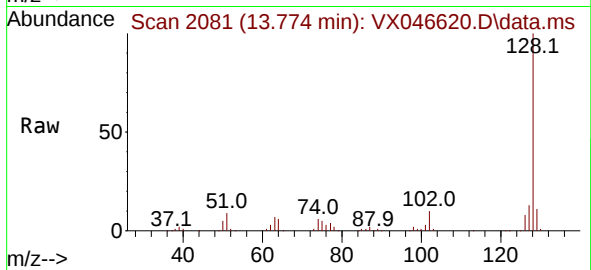
Tgt Ion:225 Resp: 13613  
Ion Ratio Lower Upper  
225 100  
223 63.1 0.0 126.4  
227 61.3 0.0 131.4





#91  
Naphthalene  
Concen: 19.272 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26

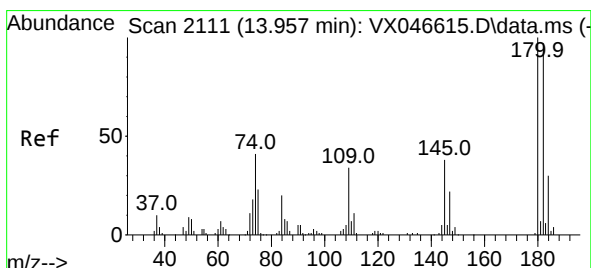
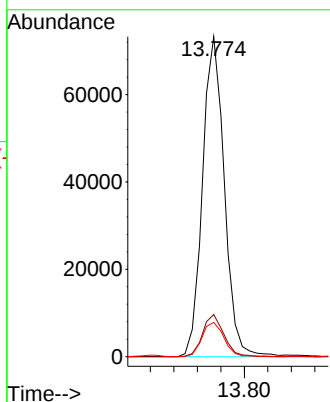
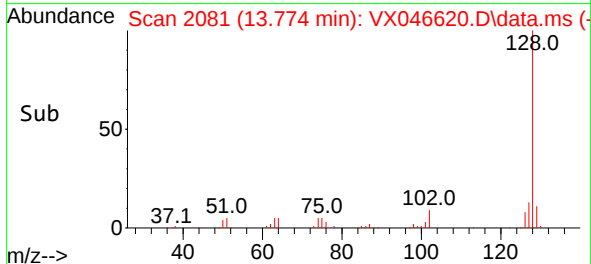
Instrument :  
MSVOA\_X  
ClientSampleId :  
ICVVX061025



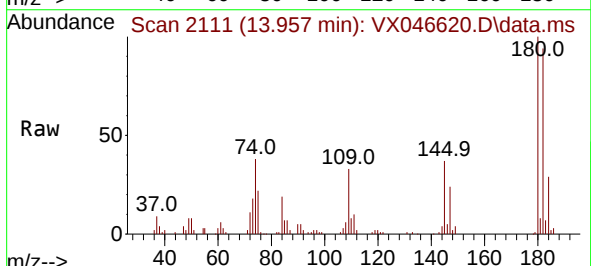
Tgt Ion:128 Resp: 94364  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.2 15.4  
129 10.8 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 06/11/2025  
Supervised By :Mahesh Dadoda 06/11/2025



#92  
1,2,3-Trichlorobenzene  
Concen: 19.375 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX046620.D  
Acq: 10 Jun 2025 22:26



Tgt Ion:180 Resp: 29352  
Ion Ratio Lower Upper  
180 100  
182 95.3 0.0 190.2  
145 36.6 0.0 71.8

