

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
 Data File : VX045069.D  
 Acq On : 28 Feb 2025 02:13  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Quant Time: Feb 28 05:32:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 05:28:02 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2025  
 Supervised By : Mahesh Dadoda 02/28/2025

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.544          | 168  | 107391     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 194243     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 172367     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018         | 152  | 73591      | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.964          | 65   | 8978       | 5.659    | ug/l   | 0.01     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 11.320%# |        |          |
| 35) Dibromofluoromethane     | 5.391          | 113  | 6398       | 5.039    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 10.080%# |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 24037      | 5.057    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 10.120%# |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 7436       | 4.685    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 9.360%#  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 6941       | 4.689    | ug/l   | 96       |
| 3) Chloromethane             | 1.307          | 50   | 8819       | 4.896    | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 8106       | 4.608    | ug/l   | 94       |
| 5) Bromomethane              | 1.593          | 94   | 3620       | 6.582    | ug/l   | 96       |
| 6) Chloroethane              | 1.660          | 64   | 4517       | 6.746    | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 1.867          | 101  | 11392      | 5.056    | ug/l   | 95       |
| 8) Diethyl Ether             | 2.136          | 74   | 4314       | 5.268    | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319          | 101  | 6586       | 4.894    | ug/l   | 98       |
| 10) Methyl Iodide            | 2.441          | 142  | 6520       | 3.780    | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.983          | 59   | 10164m     | 34.976   | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.313          | 96   | 6658       | 4.819    | ug/l   | 94       |
| 13) Acrolein                 | 2.233          | 56   | 8725       | 27.725   | ug/l   | 97       |
| 14) Allyl chloride           | 2.654          | 41   | 11244      | 4.527    | ug/l   | 96       |
| 15) Acrylonitrile            | 3.068          | 53   | 21381      | 27.072   | ug/l   | 99       |
| 16) Acetone                  | 2.386          | 43   | 19512      | 29.891   | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.502          | 76   | 16984      | 4.518    | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 8964       | 4.559    | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 20546      | 4.651    | ug/l   | 95       |
| 20) Methylene Chloride       | 2.782          | 84   | 7835       | 5.068    | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 6651       | 4.895    | ug/l   | 94       |
| 22) Diisopropyl ether        | 3.763          | 45   | 23151      | 4.875    | ug/l # | 82       |
| 23) Vinyl Acetate            | 3.721          | 43   | 88852      | 22.788   | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 13132      | 4.949    | ug/l   | 99       |
| 25) 2-Butanone               | 4.574          | 43   | 29277      | 27.819   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 6034       | 3.059    | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 8012       | 4.892    | ug/l   | 97       |
| 28) Bromochloromethane       | 4.904          | 49   | 6797       | 5.311    | ug/l # | 96       |
| 29) Tetrahydrofuran          | 5.013          | 42   | 20186      | 28.950   | ug/l   | 99       |
| 30) Chloroform               | 5.093          | 83   | 13390      | 5.159    | ug/l   | 96       |
| 31) Cyclohexane              | 5.464          | 56   | 10968      | 4.504    | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 10654      | 4.876    | ug/l   | 100      |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 8977       | 4.917    | ug/l # | 83       |
| 37) Ethyl Acetate            | 4.727          | 43   | 10459      | 5.035    | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 5.666          | 117  | 8997       | 5.013    | ug/l   | 95       |
| 39) Methylcyclohexane        | 7.379          | 83   | 10291      | 4.414    | ug/l   | 97       |
| 40) Benzene                  | 6.037          | 78   | 28339      | 4.966    | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
 Data File : VX045069.D  
 Acq On : 28 Feb 2025 02:13  
 Operator : JC/MD  
 Sample : VSTDICC005  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/28/2025  
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 05:32:40 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 28 05:28:02 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 5700     | 5.136   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 10189    | 5.510   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 15543    | 4.700   | ug/l   | 99       |
| 44) Trichloroethene           | 7.129  | 130  | 6827     | 5.234   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 7342     | 5.177   | ug/l   | 95       |
| 46) Dibromomethane            | 7.586  | 93   | 5146     | 5.195   | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 9773     | 5.100   | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 8201     | 5.224   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 3531     | 105.826 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 55320    | 27.303  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 16933    | 4.997   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 7548     | 3.985   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 8988     | 4.244   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 6759     | 5.151   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 9712     | 4.628   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 12106    | 5.289   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 23212    | 22.527  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 39994    | 27.363  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.519  | 129  | 6785     | 4.846   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 6832     | 5.161   | ug/l   | 95       |
| 64) Tetrachloroethene         | 9.269  | 164  | 5615     | 5.128   | ug/l   | 93       |
| 65) Chlorobenzene             | 10.079 | 112  | 18161    | 4.908   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 5702     | 4.781   | ug/l   | 96       |
| 67) Ethyl Benzene             | 10.195 | 91   | 30918    | 4.725   | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 23152    | 9.608   | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 11881    | 4.914   | ug/l   | 95       |
| 70) Styrene                   | 10.659 | 104  | 18278    | 4.704   | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 4027     | 4.541   | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.963 | 105  | 29685    | 4.991   | ug/l   | 98       |
| 74) N-amyl acetate            | 10.848 | 43   | 11609    | 4.300   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 10881    | 5.310   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 8839m    | 5.384   | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 6970     | 5.163   | ug/l   | 96       |
| 78) n-propylbenzene           | 11.305 | 91   | 32196    | 4.694   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 21253    | 5.048   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 23627    | 4.897   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 1971     | 3.256   | ug/l # | 83       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 22190    | 4.761   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 23960    | 4.910   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 23561    | 4.960   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 28314    | 4.687   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 21977    | 4.532   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 12157    | 4.926   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 12526    | 5.014   | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 17358    | 4.072   | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 3665     | 4.052   | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 12477    | 5.138   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 1787     | 4.712   | ug/l   | 90       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 6040     | 4.114   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 2716     | 4.640   | ug/l   | 97       |
| 95) Naphthalene               | 13.780 | 128  | 22927    | 4.287   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 6600     | 4.437   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022825\  
Data File : VX045069.D  
Acq On : 28 Feb 2025 02:13  
Operator : JC/MD  
Sample : VSTDICC005  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025

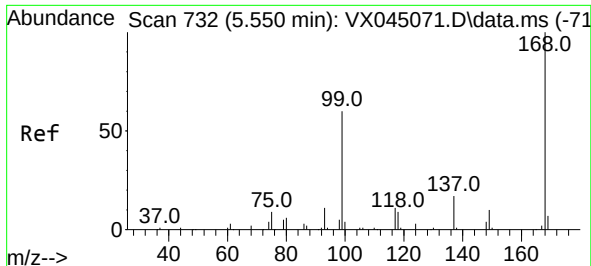
Quant Time: Feb 28 05:32:40 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022825W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 28 05:28:02 2025  
Response via : Initial Calibration

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

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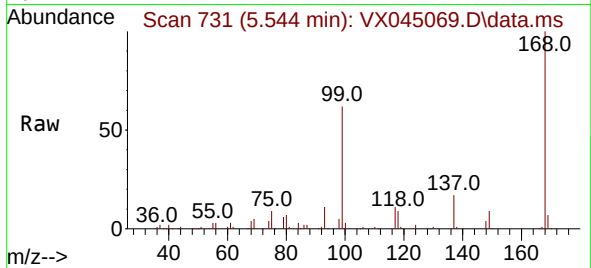
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

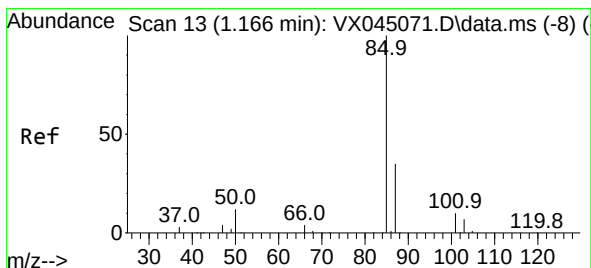
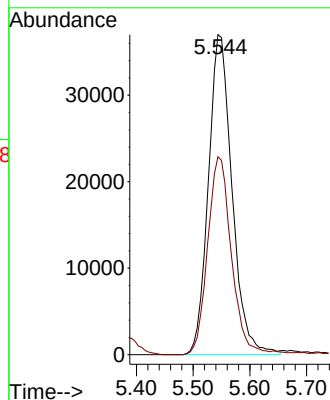
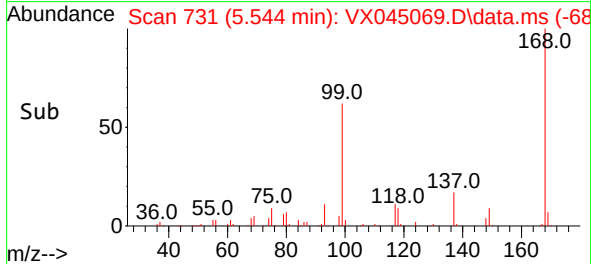
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion:168 Resp: 10739  
Ion Ratio Lower Upper  
168 100  
99 61.8 48.2 72.4

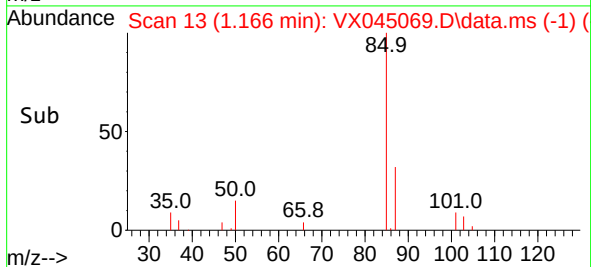
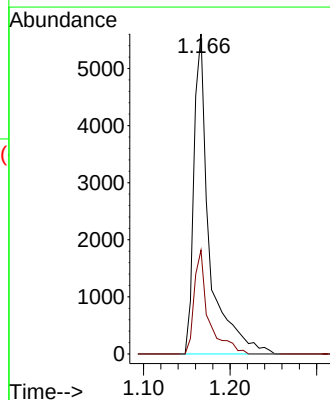
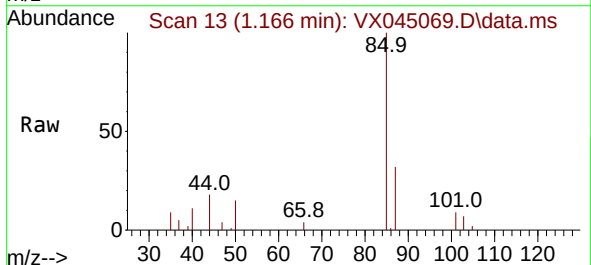
Manual Integrations  
APPROVED

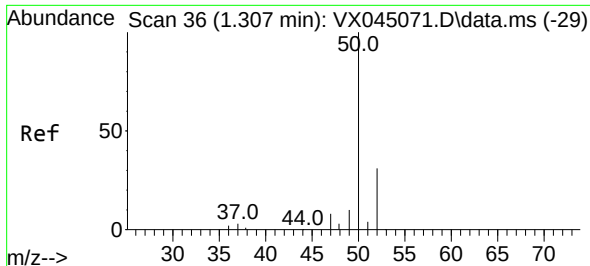
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#2  
Dichlorodifluoromethane  
Concen: 4.689 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 85 Resp: 6941  
Ion Ratio Lower Upper  
85 100  
87 32.4 17.4 52.3





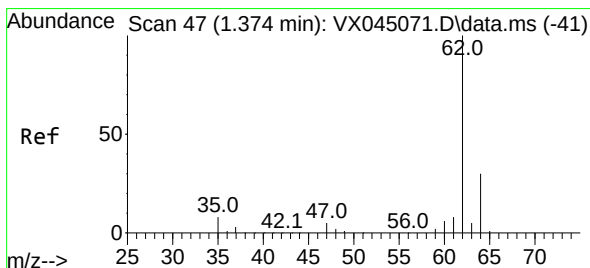
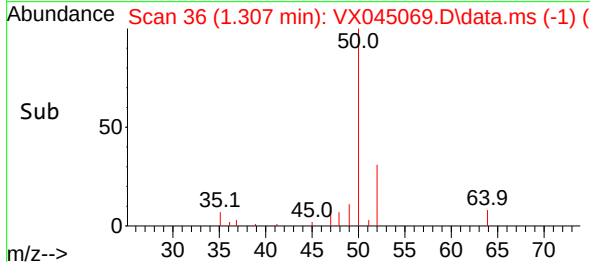
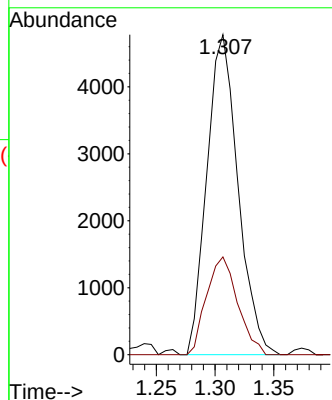
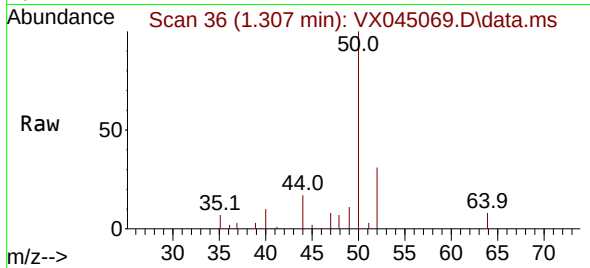
#3  
Chloromethane  
Concen: 4.896 ug/l  
RT: 1.307 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion: 50 Resp: 8819  
Ion Ratio Lower Upper  
50 100  
52 30.6 25.0 37.4

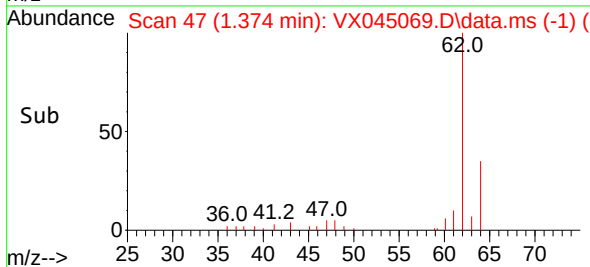
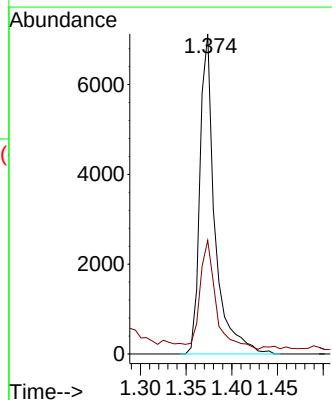
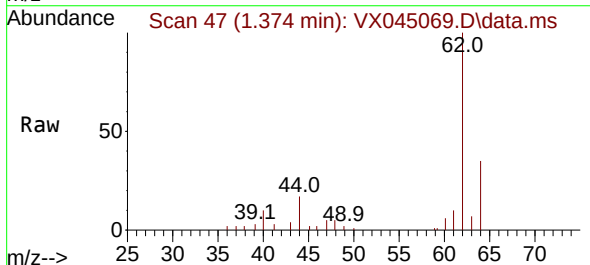
Manual Integrations  
APPROVED

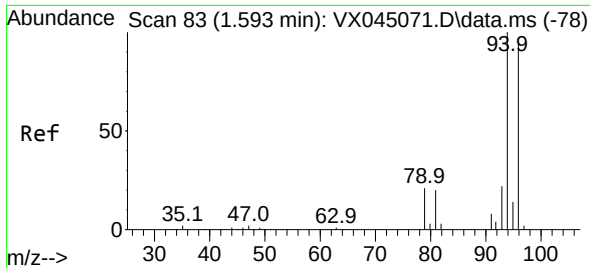
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#4  
Vinyl Chloride  
Concen: 4.608 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

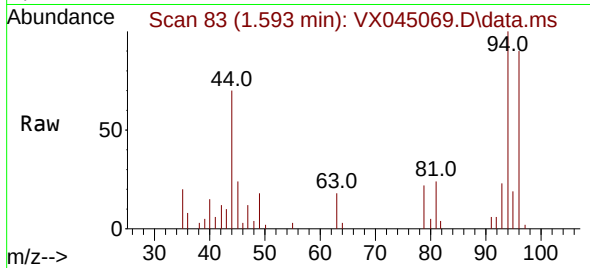
Tgt Ion: 62 Resp: 8106  
Ion Ratio Lower Upper  
62 100  
64 33.9 24.3 36.5





#5  
Bromomethane  
Concen: 6.582 ug/l  
RT: 1.593 min Scan# 83  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

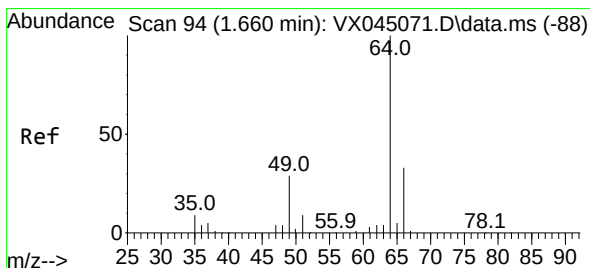
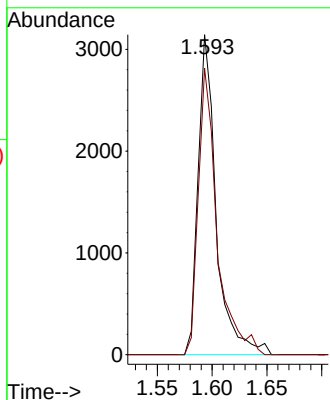
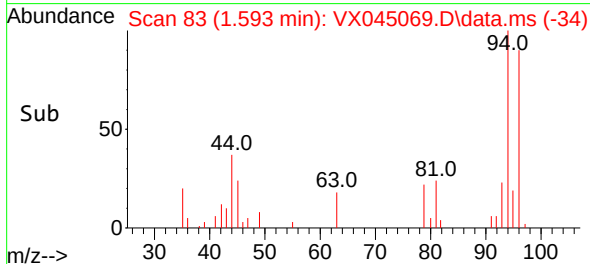
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 94 Resp: 3620  
Ion Ratio Lower Upper  
94 100  
96 89.5 75.0 112.4

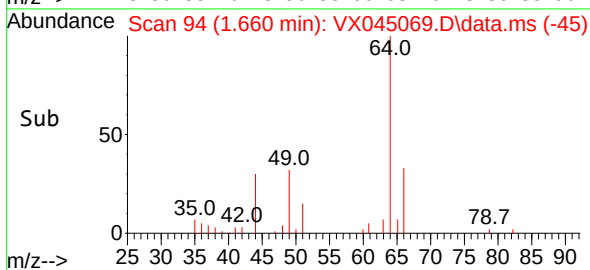
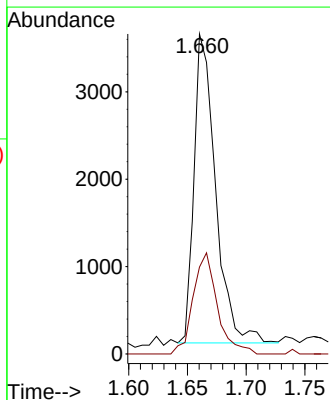
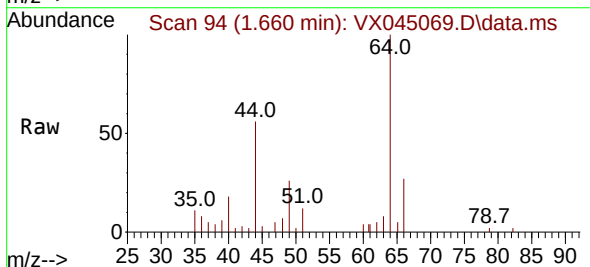
Manual Integrations  
APPROVED

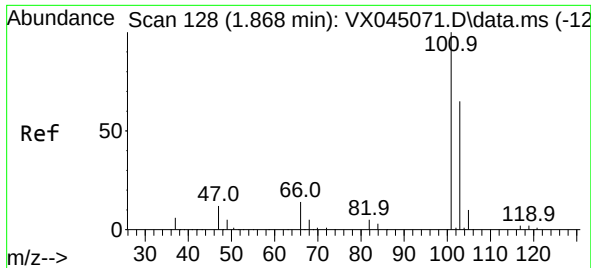
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#6  
Chloroethane  
Concen: 6.746 ug/l  
RT: 1.660 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

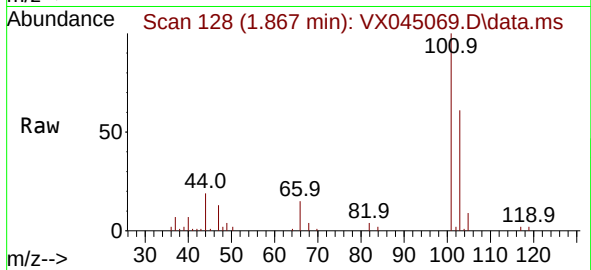
Tgt Ion: 64 Resp: 4517  
Ion Ratio Lower Upper  
64 100  
66 28.1 26.7 40.1





#7  
 Trichlorofluoromethane  
 Concen: 5.056 ug/l  
 RT: 1.867 min Scan# 1139  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13

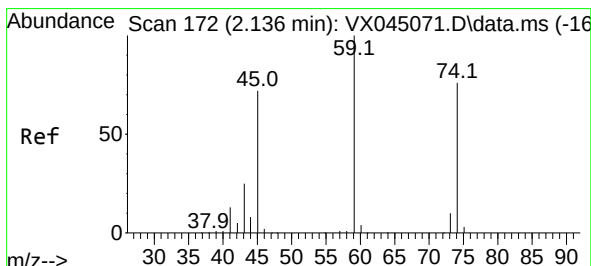
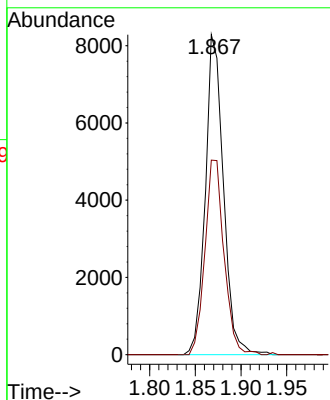
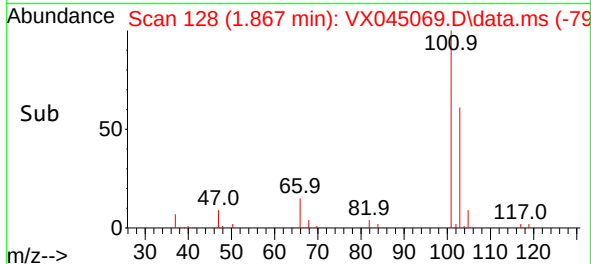
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005



Tgt Ion:101 Resp: 1139  
 Ion Ratio Lower Upper  
 101 100  
 103 60.8 52.1 78.1

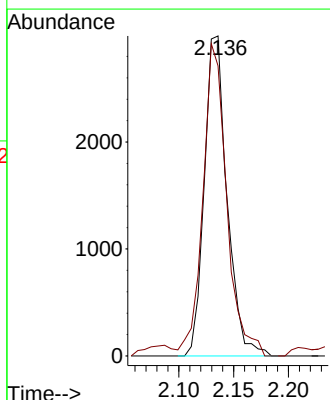
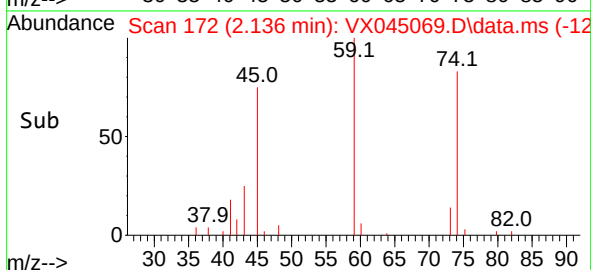
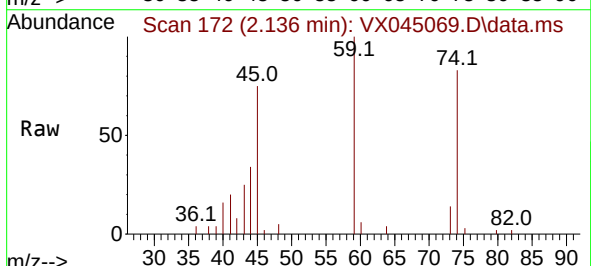
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 02/28/2025  
 Supervised By :Mahesh Dadoda 02/28/2025

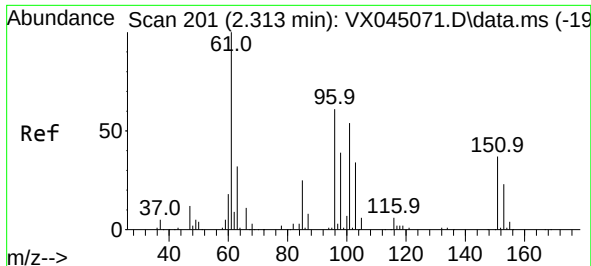


#8  
 Diethyl Ether  
 Concen: 5.268 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13

Tgt Ion: 74 Resp: 4314  
 Ion Ratio Lower Upper  
 74 100  
 45 101.9 51.5 154.5







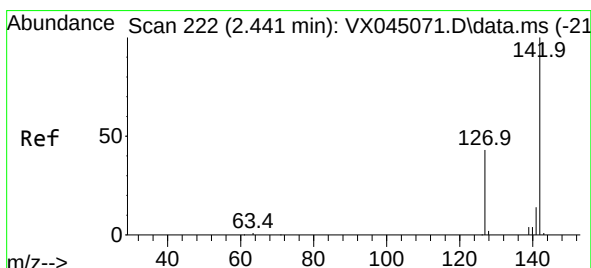
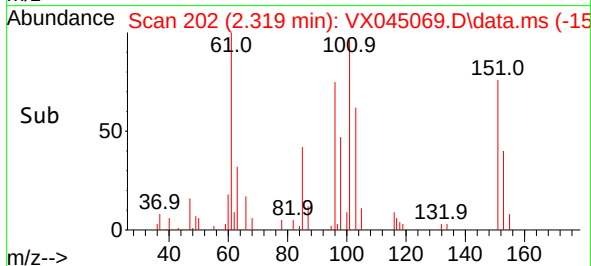
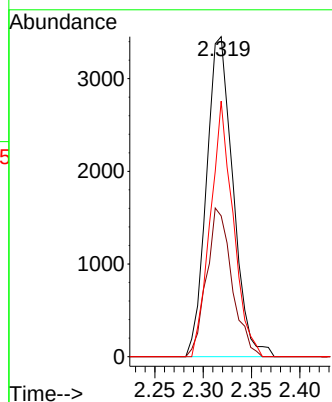
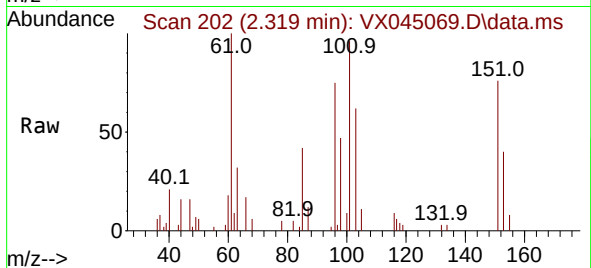
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 4.894 ug/l  
RT: 2.319 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion:101 Resp: 6580  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.2 54.4  
151 69.0 56.4 84.6

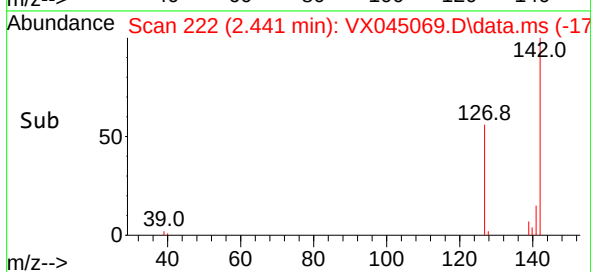
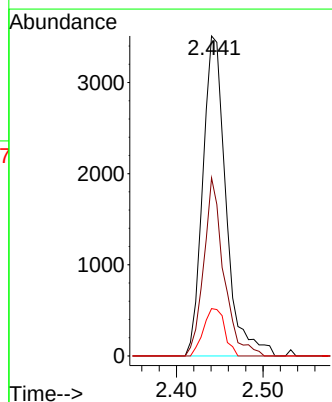
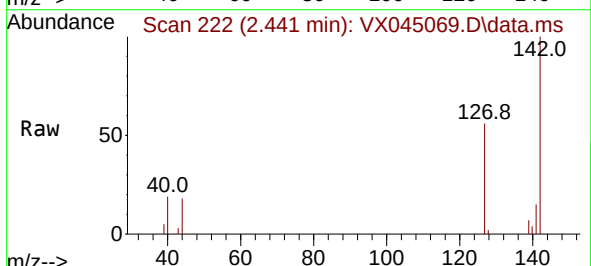
Manual Integrations  
APPROVED

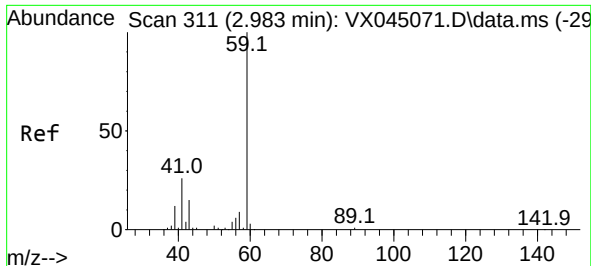
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#10  
Methyl Iodide  
Concen: 3.780 ug/l  
RT: 2.441 min Scan# 222  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

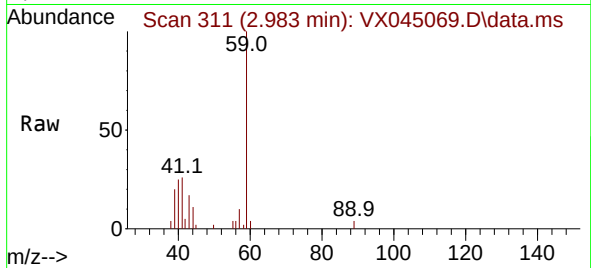
Tgt Ion:142 Resp: 6520  
Ion Ratio Lower Upper  
142 100  
127 48.1 35.4 53.2  
141 13.5 11.6 17.4





#11  
Tert butyl alcohol  
Concen: 34.976 ug/l m  
RT: 2.983 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

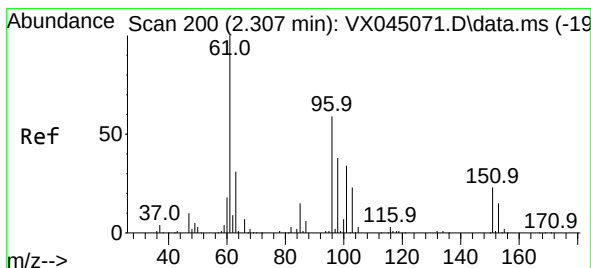
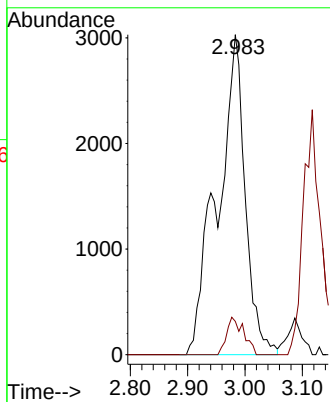
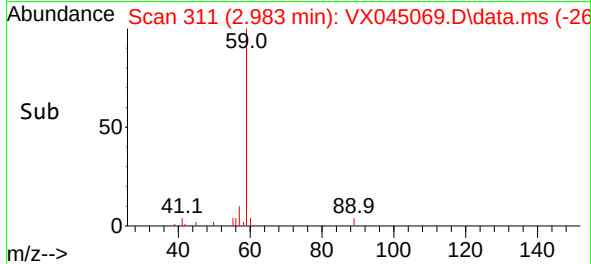
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005



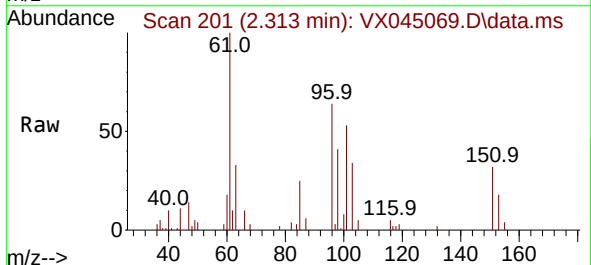
Tgt Ion: 59 Resp: 10164  
Ion Ratio Lower Upper  
59 100  
57 7.2 7.8 11.8

Manual Integrations  
APPROVED

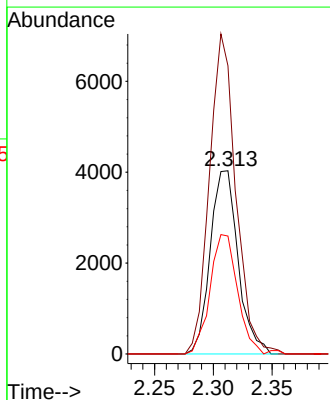
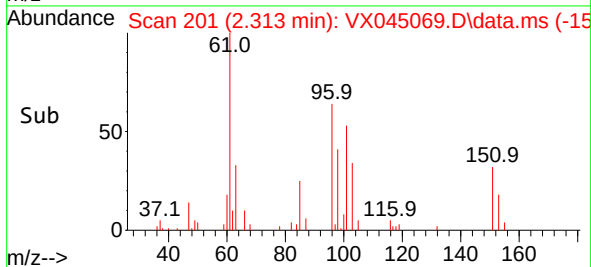
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025

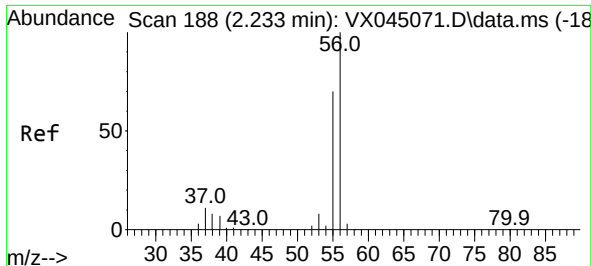


#12  
1,1-Dichloroethene  
Concen: 4.819 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



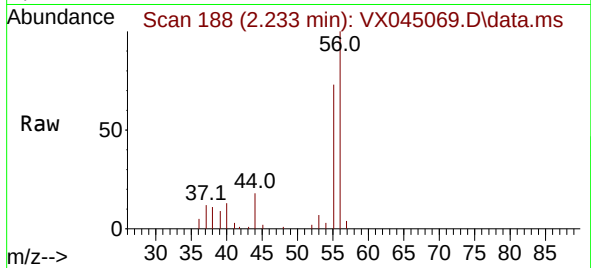
Tgt Ion: 96 Resp: 6658  
Ion Ratio Lower Upper  
96 100  
61 157.3 134.6 202.0  
98 64.3 51.0 76.6





#13  
Acrolein  
Concen: 27.725 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

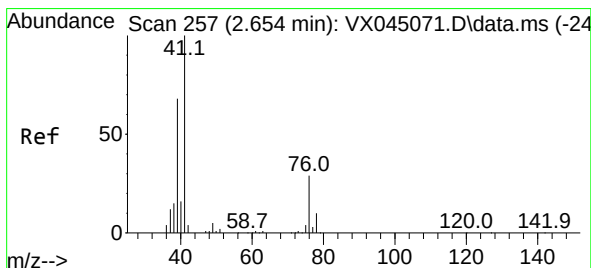
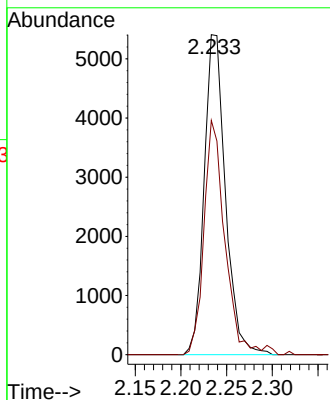
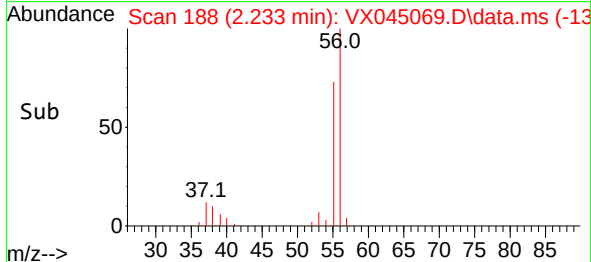
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005



Tgt Ion: 56 Resp: 8725  
Ion Ratio Lower Upper  
56 100  
55 72.4 56.2 84.4

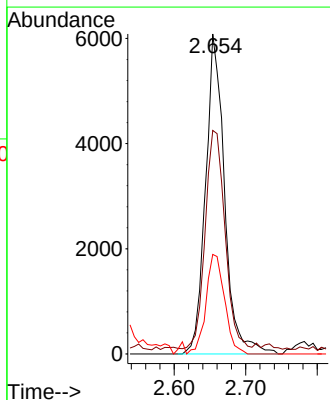
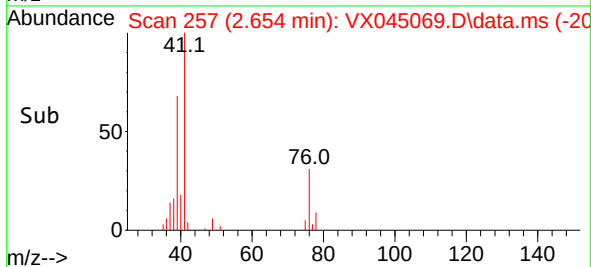
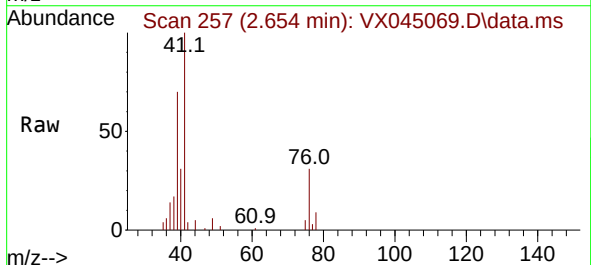
Manual Integrations  
APPROVED

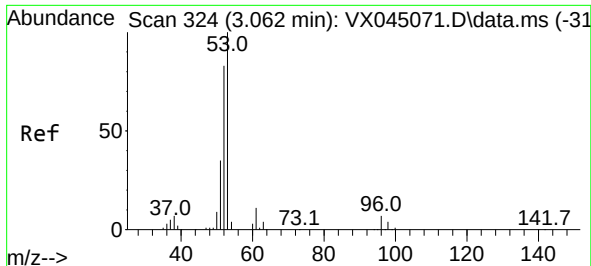
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#14  
Allyl chloride  
Concen: 4.527 ug/l  
RT: 2.654 min Scan# 257  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 41 Resp: 11244  
Ion Ratio Lower Upper  
41 100  
39 70.8 53.8 80.8  
76 30.4 25.2 37.8





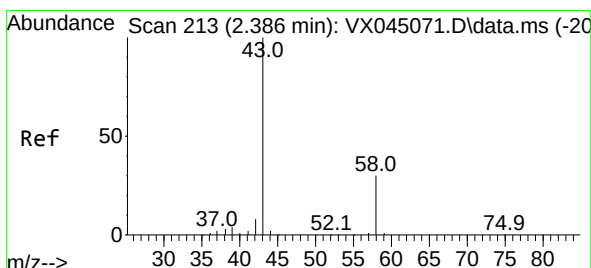
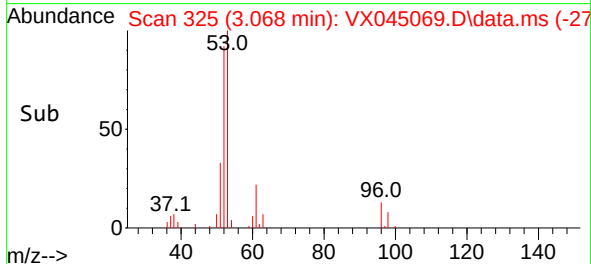
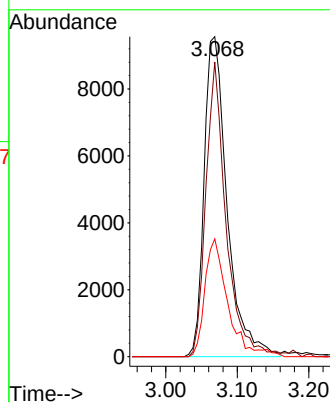
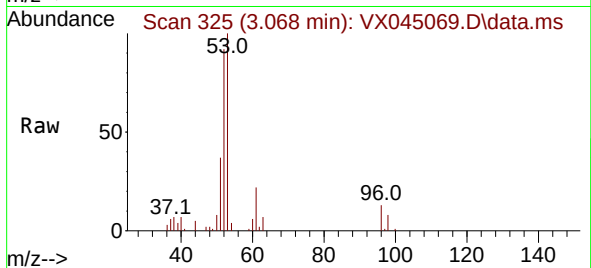
#15  
Acrylonitrile  
Concen: 27.072 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Tgt Ion: 53 Resp: 2138  
Ion Ratio Lower Upper  
53 100  
52 81.1 66.2 99.2  
51 36.7 29.0 43.4

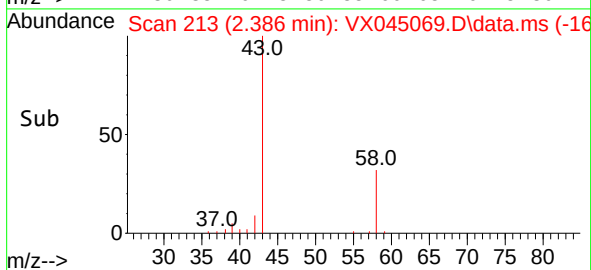
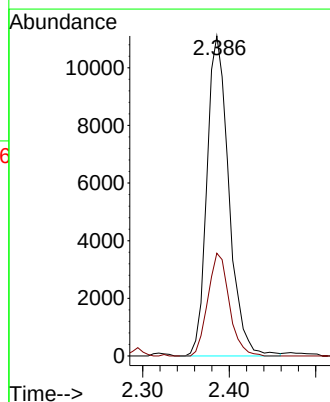
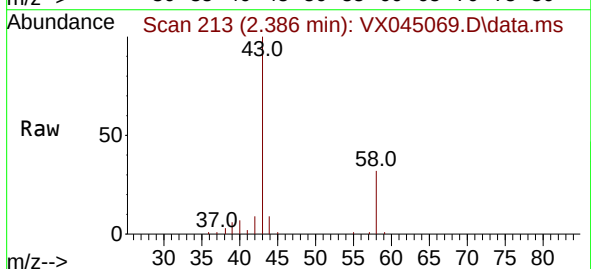
Manual Integrations  
APPROVED

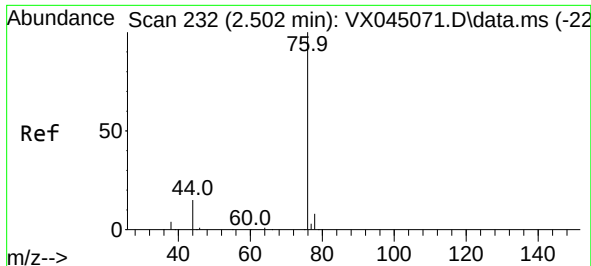
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#16  
Acetone  
Concen: 29.891 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 19512  
Ion Ratio Lower Upper  
43 100  
58 32.1 24.2 36.4





#17

Carbon Disulfide

Concen: 4.518 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 16984

Ion Ratio Lower Upper

76 100

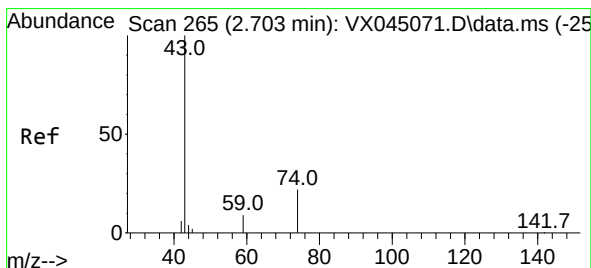
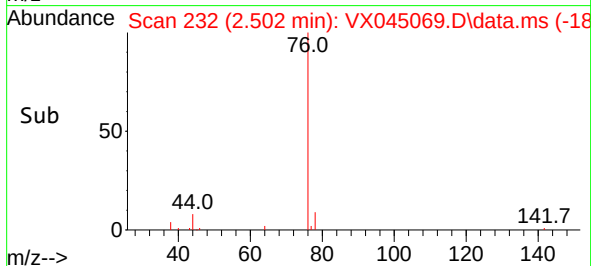
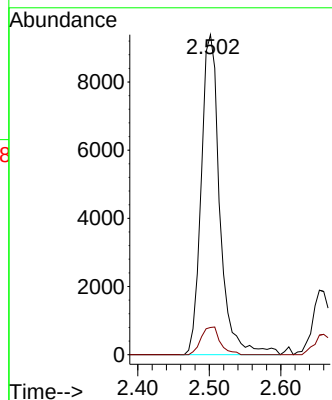
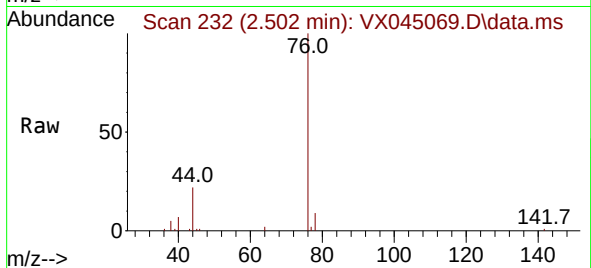
78 8.5 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 4.559 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX045069.D

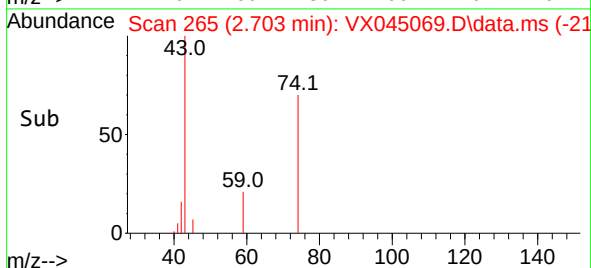
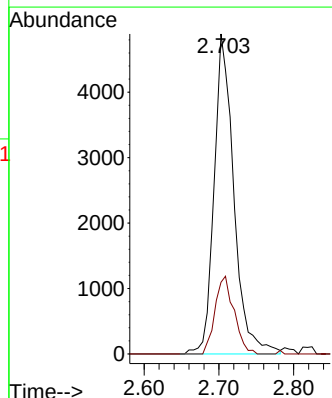
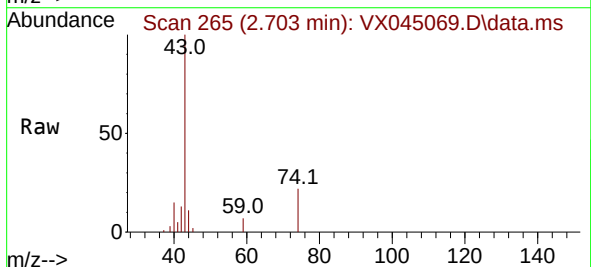
Acq: 28 Feb 2025 02:13

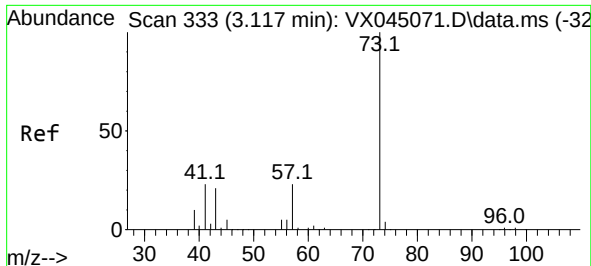
Tgt Ion: 43 Resp: 8964

Ion Ratio Lower Upper

43 100

74 23.3 17.4 26.2





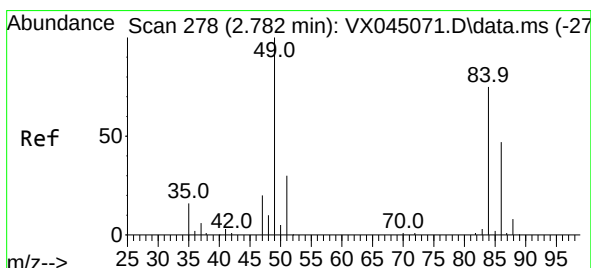
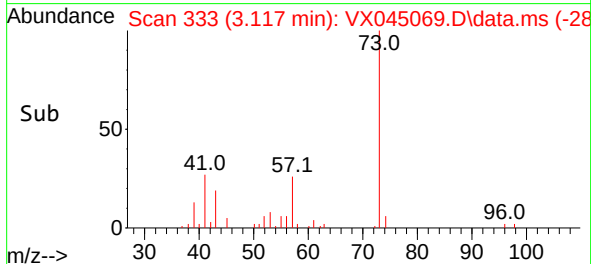
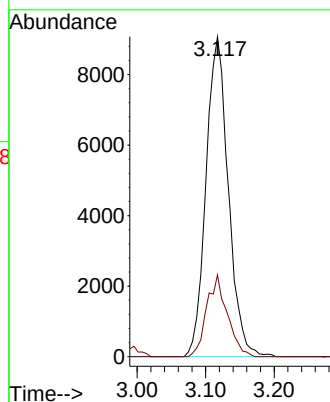
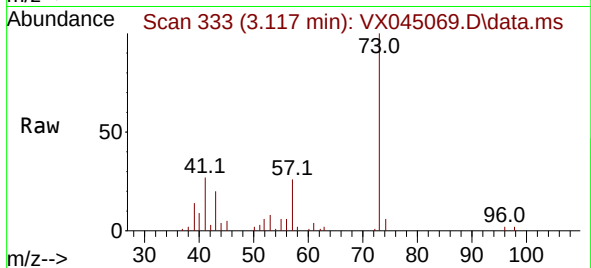
#19  
Methyl tert-butyl Ether  
Concen: 4.651 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion: 73 Resp: 20540  
Ion Ratio Lower Upper  
73 100  
57 25.6 18.5 27.7

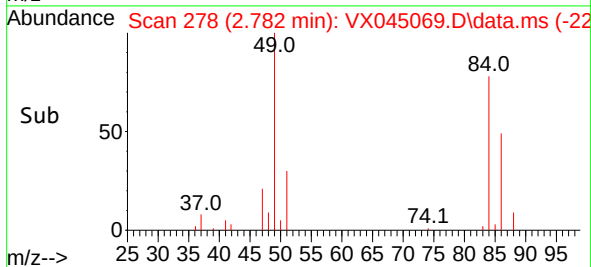
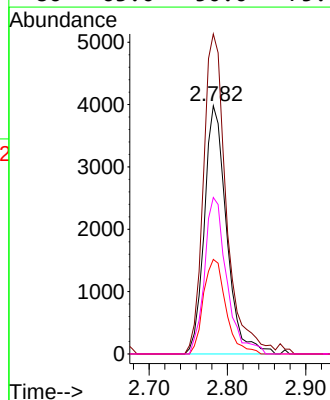
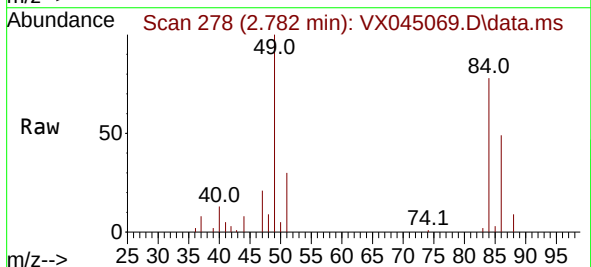
Manual Integrations  
APPROVED

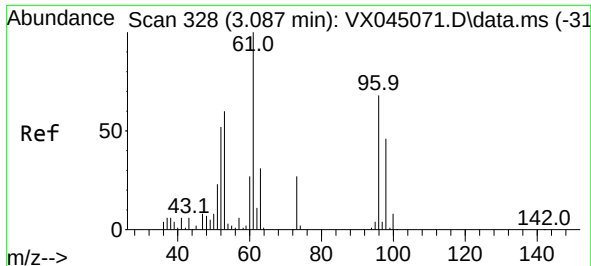
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#20  
Methylene Chloride  
Concen: 5.068 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

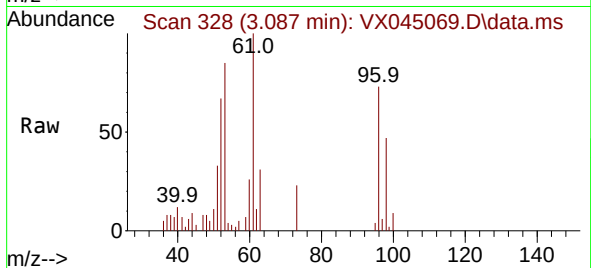
Tgt Ion: 84 Resp: 7835  
Ion Ratio Lower Upper  
84 100  
49 128.9 106.5 159.7  
51 38.1 32.1 48.1  
86 63.0 50.0 75.0





#21  
trans-1,2-Dichloroethene  
Concen: 4.895 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

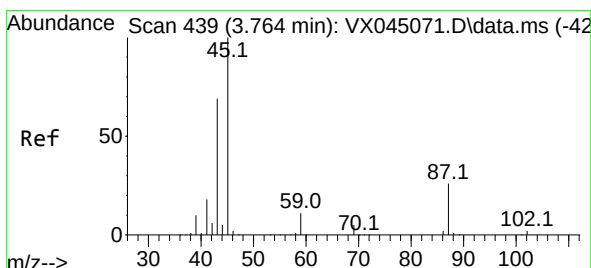
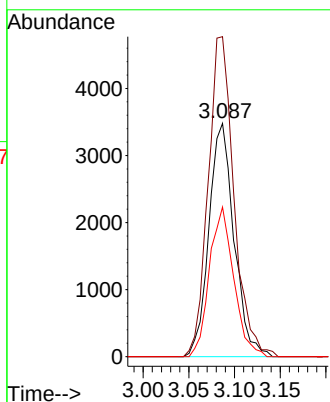
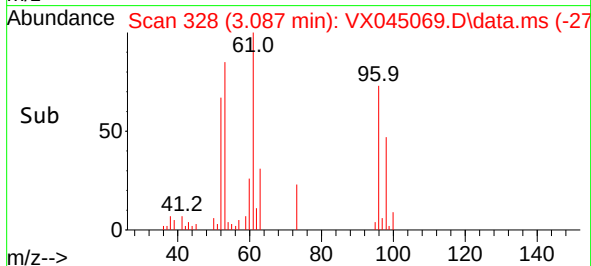
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005



Tgt Ion: 96 Resp: 665  
Ion Ratio Lower Upper  
96 100  
61 137.2 117.0 175.4  
98 64.1 53.4 80.2

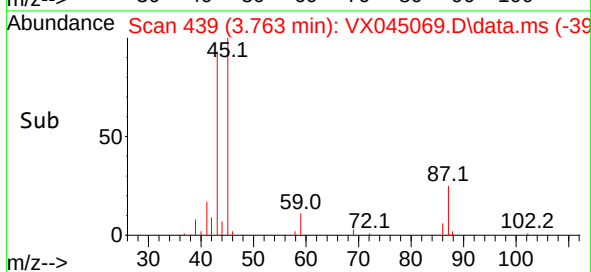
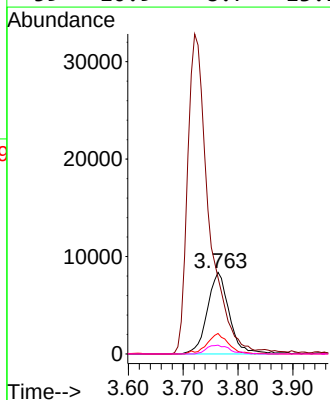
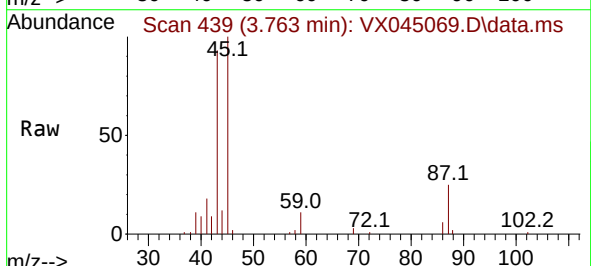
Manual Integrations  
APPROVED

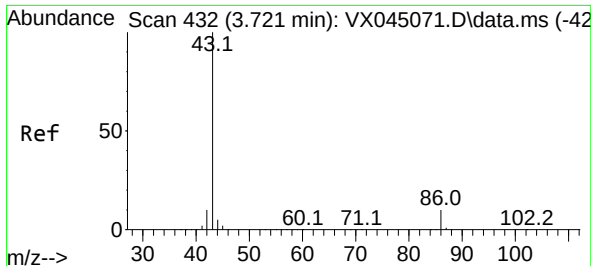
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#22  
Diisopropyl ether  
Concen: 4.875 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

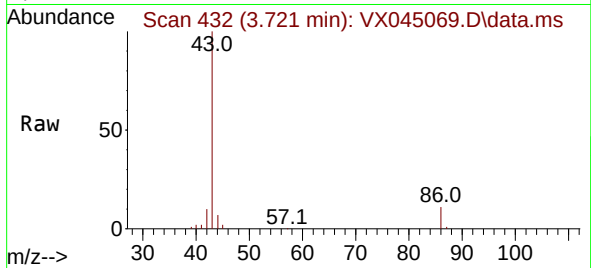
Tgt Ion: 45 Resp: 23151  
Ion Ratio Lower Upper  
45 100  
43 90.2 54.9 82.3#  
87 25.1 21.0 31.4  
59 10.9 8.7 13.1





#23  
 Vinyl Acetate  
 Concen: 22.788 ug/l  
 RT: 3.721 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13

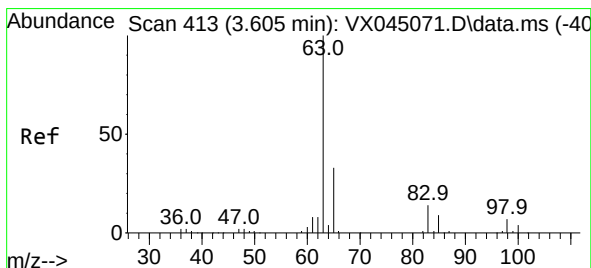
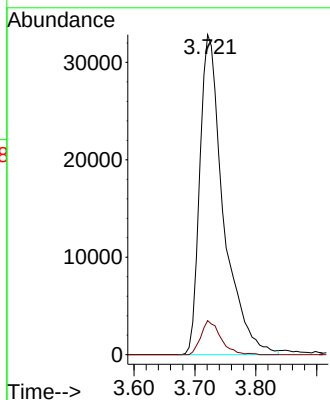
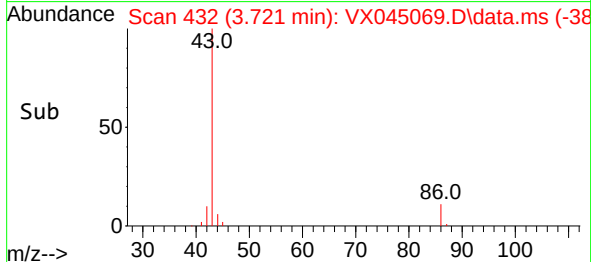
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC005



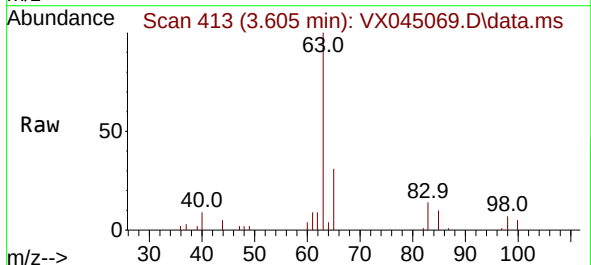
Tgt Ion: 43 Resp: 88852  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 8.1 12.1

Manual Integrations  
 APPROVED

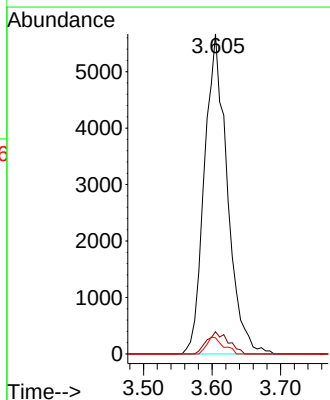
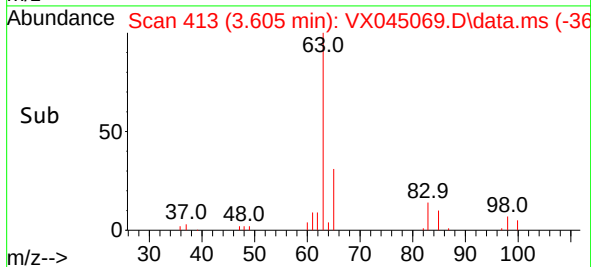
Reviewed By :John Carlone 02/28/2025  
 Supervised By :Mahesh Dadoda 02/28/2025



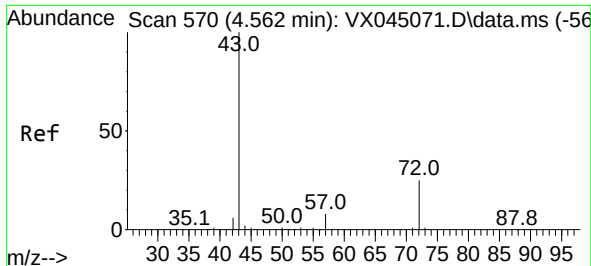
#24  
 1,1-Dichloroethane  
 Concen: 4.949 ug/l  
 RT: 3.605 min Scan# 413  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13



Tgt Ion: 63 Resp: 13132  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.4 10.2  
 100 5.1 2.1 6.5

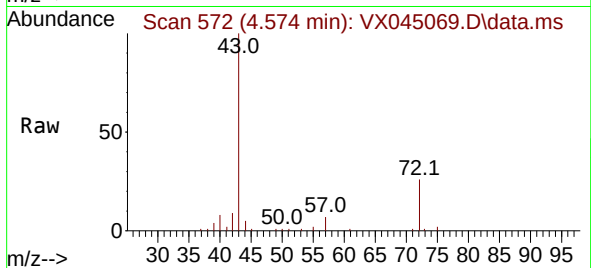






#25  
2-Butanone  
Concen: 27.819 ug/l  
RT: 4.574 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

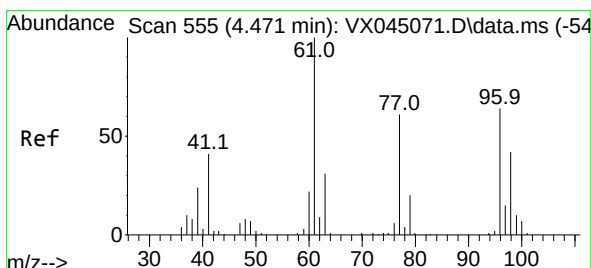
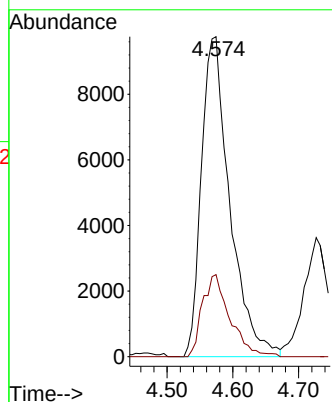
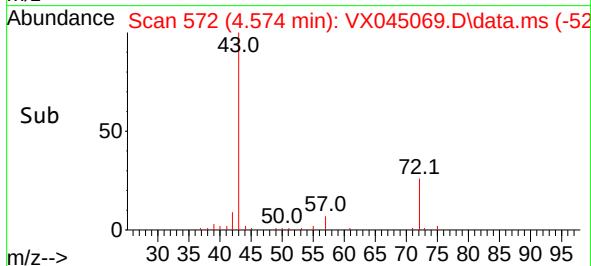
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 2927  
Ion Ratio Lower Upper  
43 100  
72 25.7 20.0 30.0

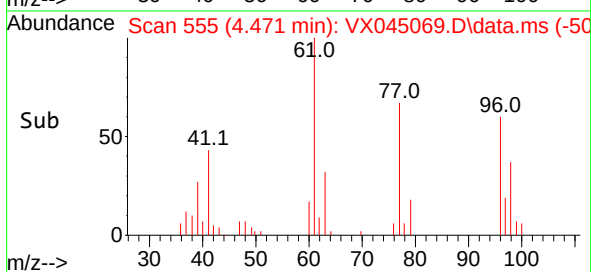
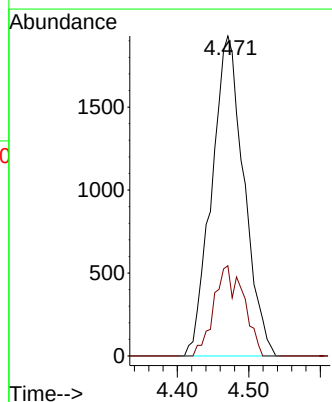
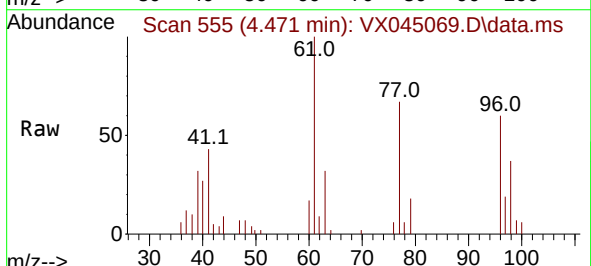
Manual Integrations  
APPROVED

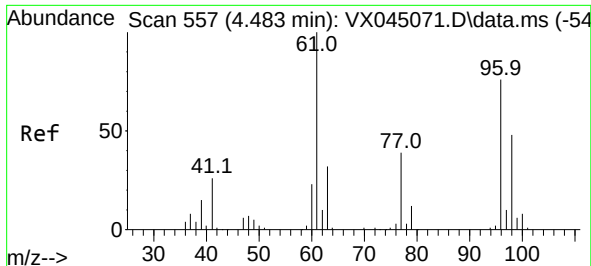
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#26  
2,2-Dichloropropane  
Concen: 3.059 ug/l  
RT: 4.471 min Scan# 555  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 77 Resp: 6034  
Ion Ratio Lower Upper  
77 100  
97 26.0 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 4.892 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 801

Ion Ratio Lower Upper

96 100

61 146.1 0.0 283.2

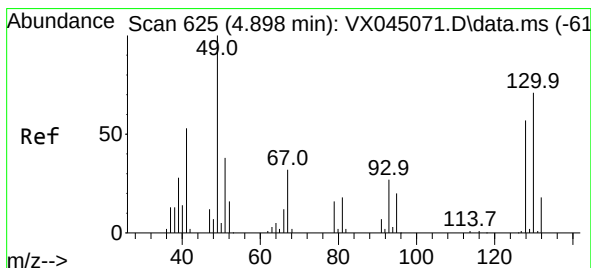
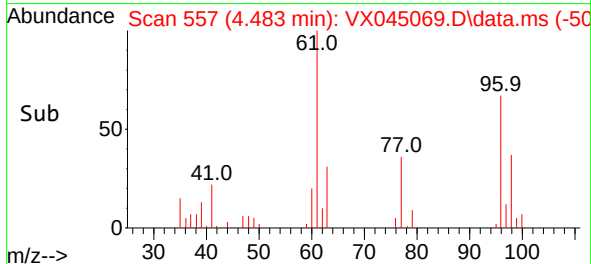
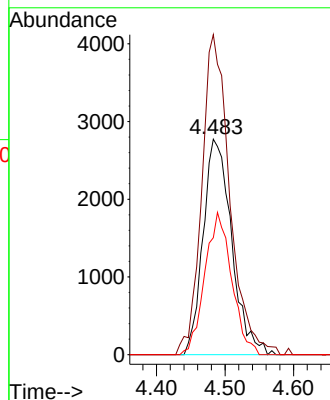
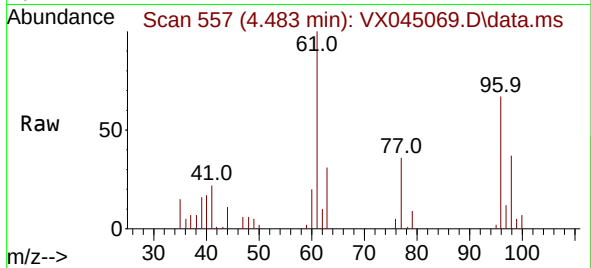
98 62.0 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 5.311 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

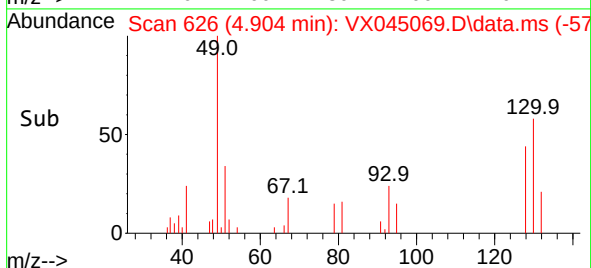
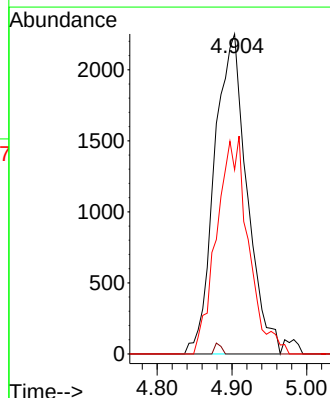
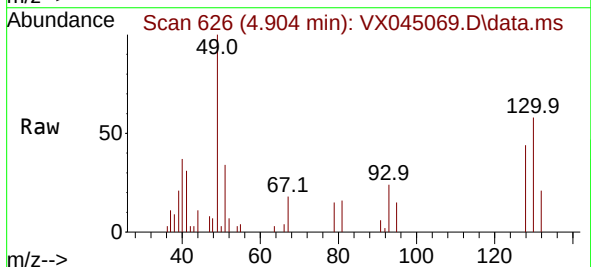
Tgt Ion: 49 Resp: 6797

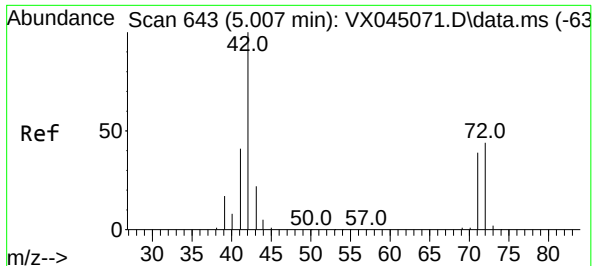
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

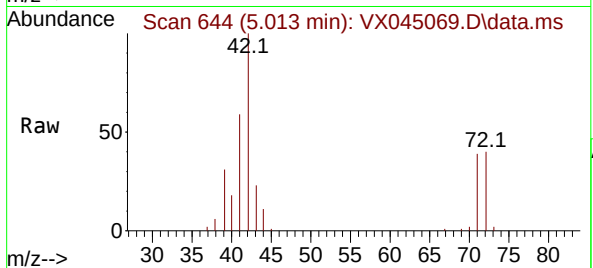
130 66.5 56.1 84.1





#29  
Tetrahydrofuran  
Concen: 28.950 ug/l  
RT: 5.013 min Scan# 643  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

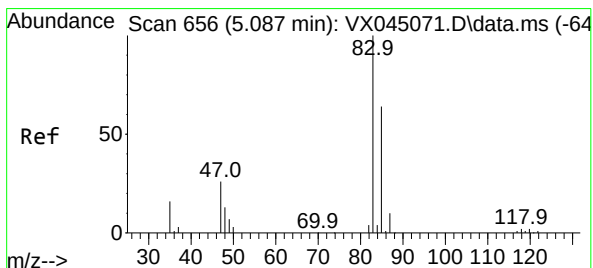
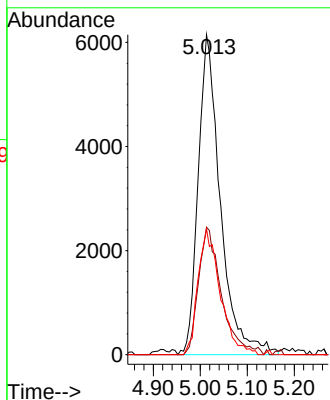
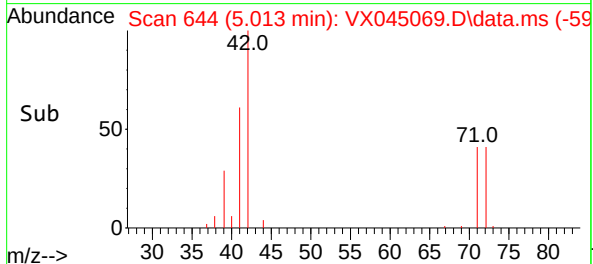
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 42 Resp: 20180  
Ion Ratio Lower Upper  
42 100  
72 41.2 34.1 51.1  
71 39.3 31.4 47.0

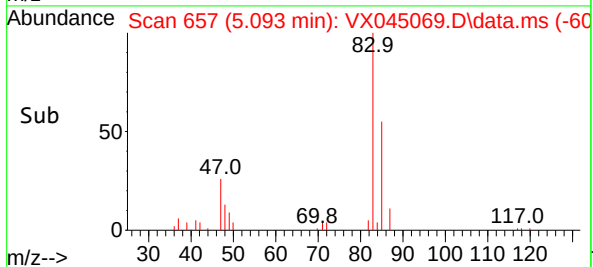
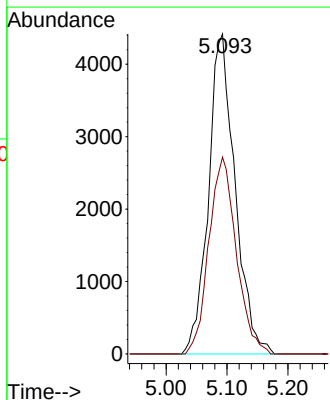
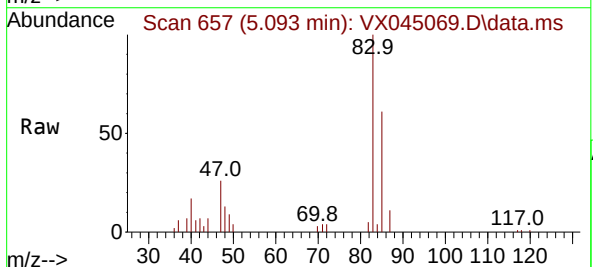
Manual Integrations  
APPROVED

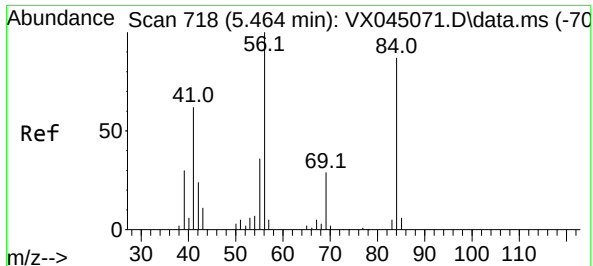
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#30  
Chloroform  
Concen: 5.159 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 83 Resp: 13390  
Ion Ratio Lower Upper  
83 100  
85 61.5 51.4 77.2





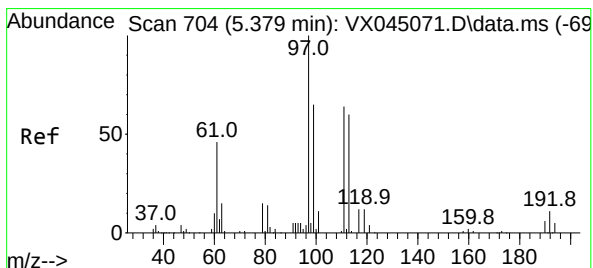
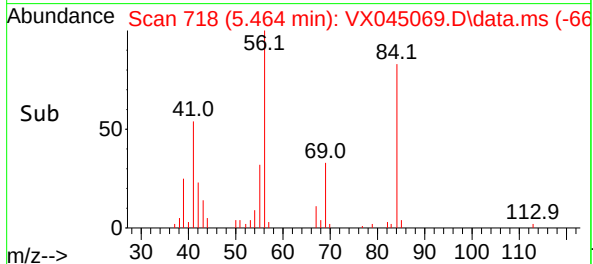
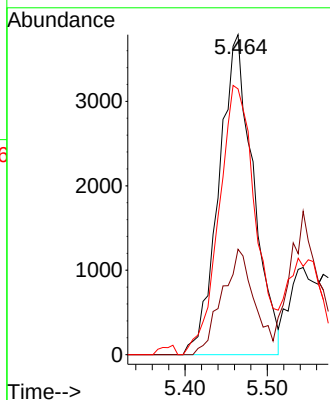
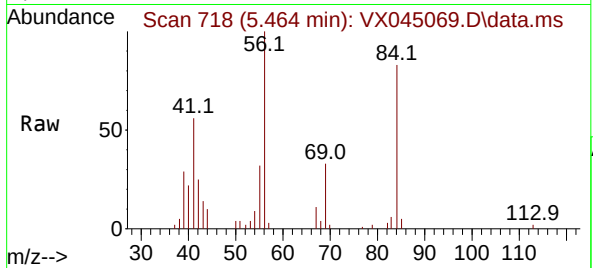
#31  
Cyclohexane  
Concen: 4.504 ug/l  
RT: 5.464 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion: 56 Resp: 1096  
Ion Ratio Lower Upper  
56 100  
69 33.0 23.4 35.2  
84 83.1 69.4 104.2

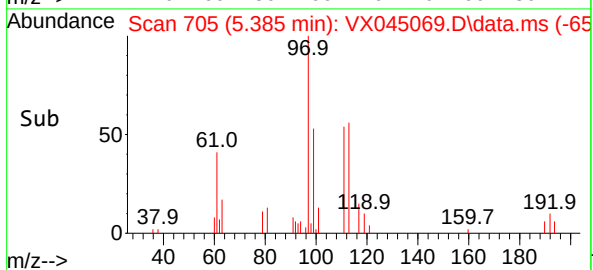
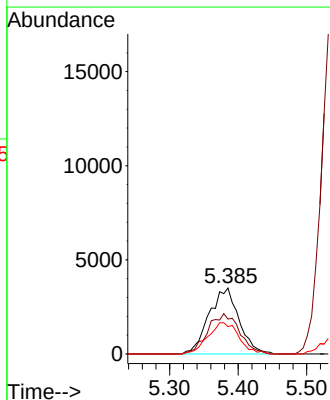
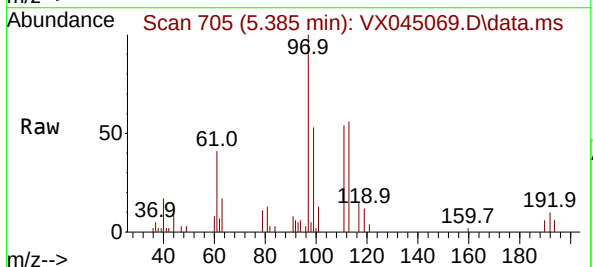
Manual Integrations  
APPROVED

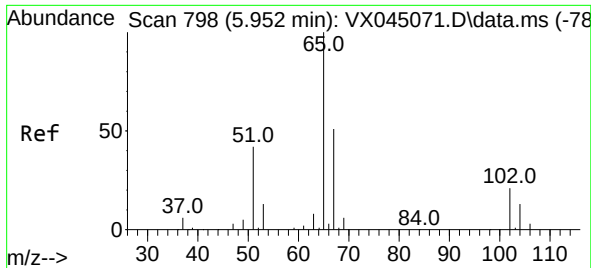
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#32  
1,1,1-Trichloroethane  
Concen: 4.876 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 97 Resp: 10654  
Ion Ratio Lower Upper  
97 100  
99 64.5 51.6 77.4  
61 48.7 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 5.659 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 8978

Ion Ratio Lower Upper

65 100

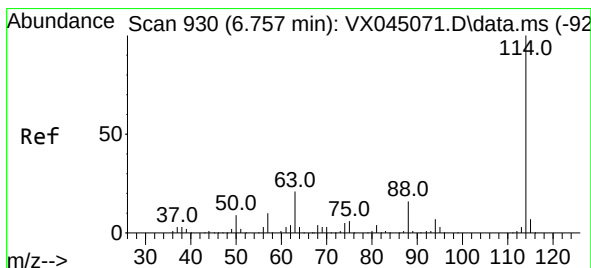
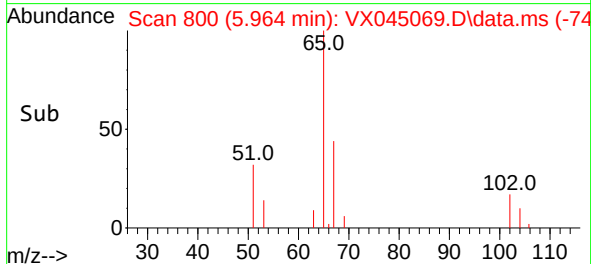
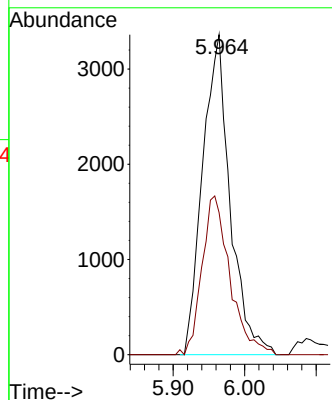
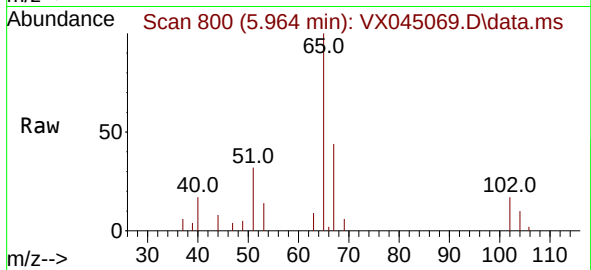
67 50.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

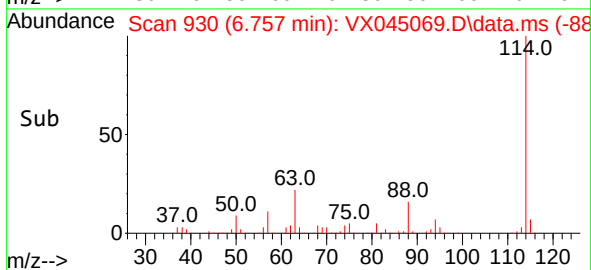
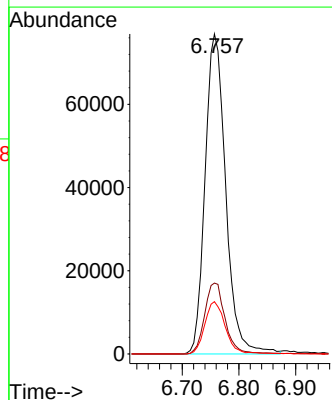
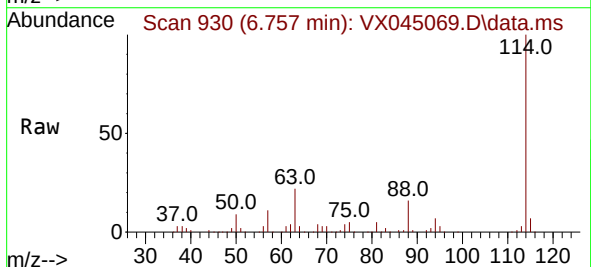
Tgt Ion:114 Resp: 194243

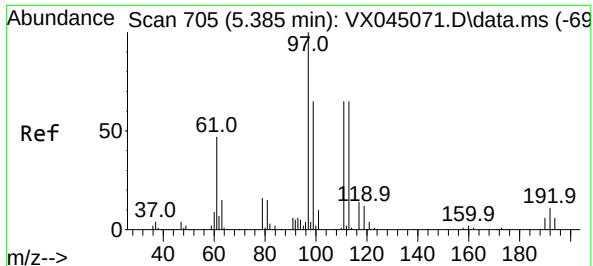
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 5.039 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045069.D

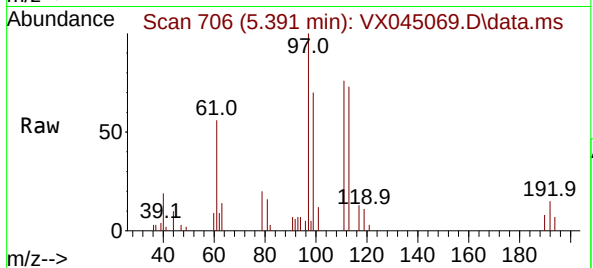
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005



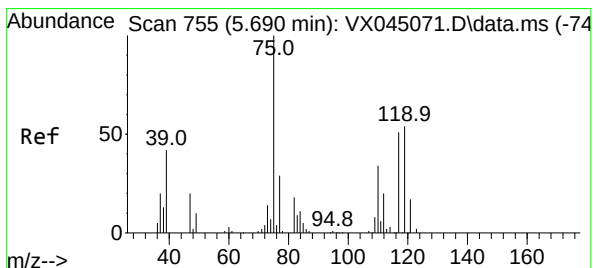
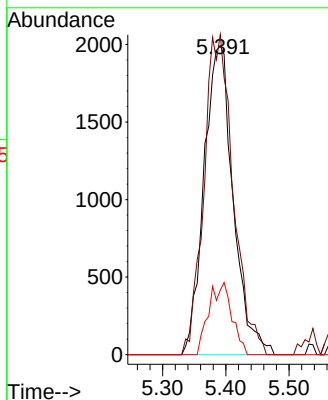
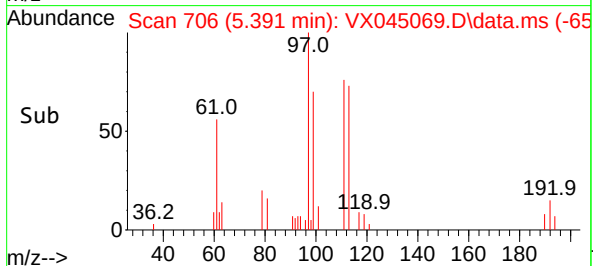
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 6398  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.9 | 81.8  | 122.6 |
| 192      | 18.3  | 14.3  | 21.5  |

Manual Integrations

APPROVED

Reviewed By :John Carbone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#36

1,1-Dichloropropene

Concen: 4.917 ug/l

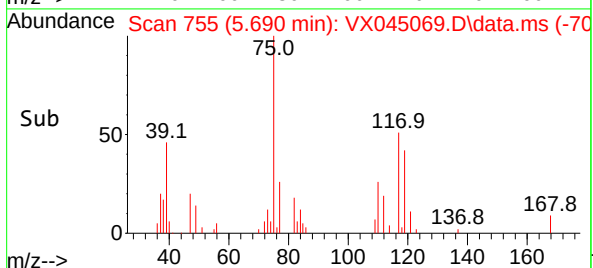
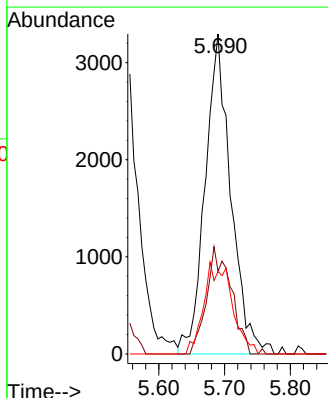
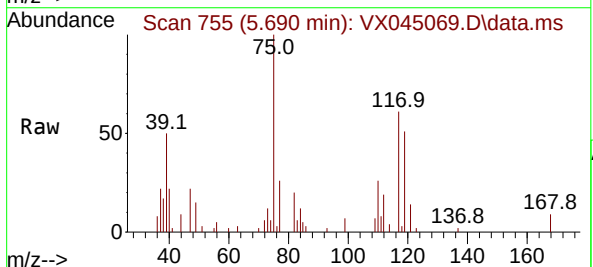
RT: 5.690 min Scan# 755

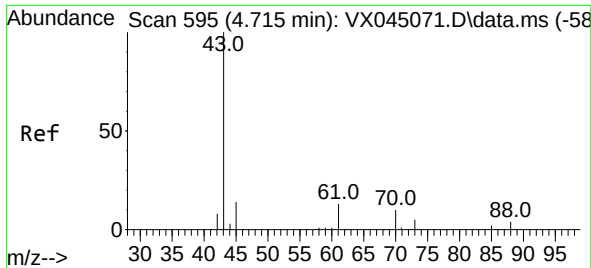
Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 8977  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.8  | 16.9  | 50.6  |
| 77       | 13.2  | 24.5  | 36.7  |





#37

Ethyl Acetate

Concen: 5.035 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

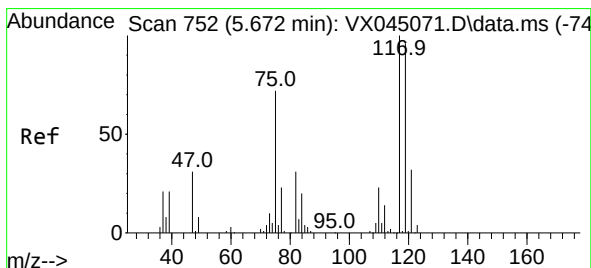
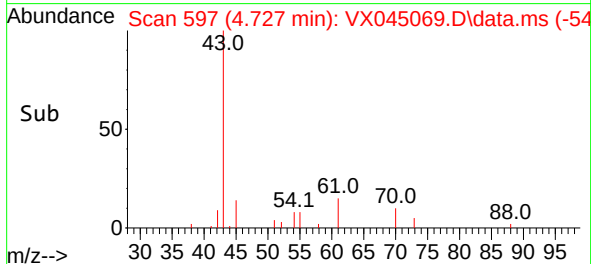
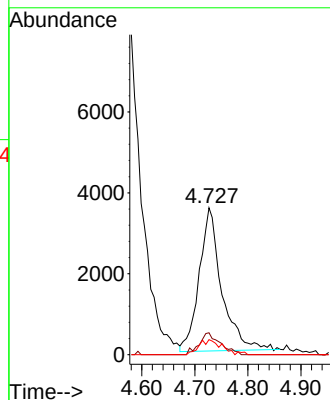
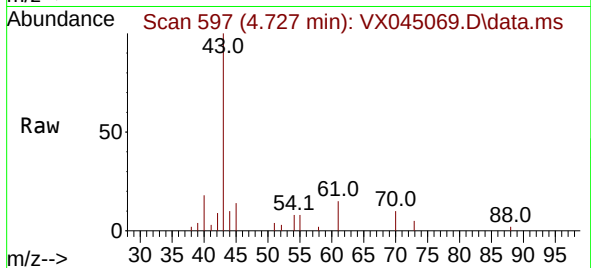
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 1045  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 14.4     | 10.8 16.2   |
| 70 10.2     | 7.7 11.5    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#38

Carbon Tetrachloride

Concen: 5.013 ug/l

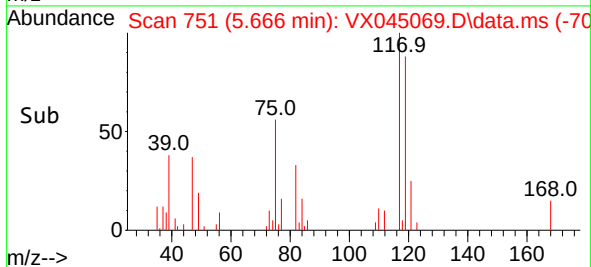
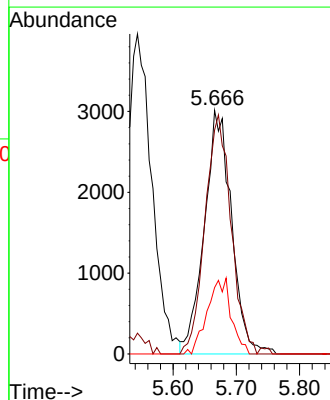
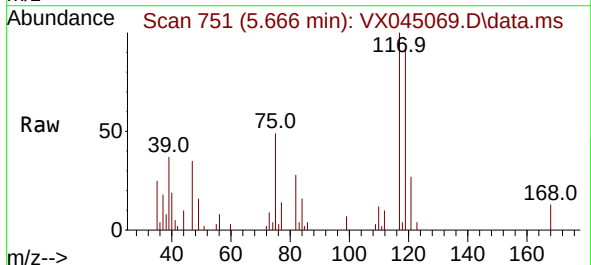
RT: 5.666 min Scan# 751

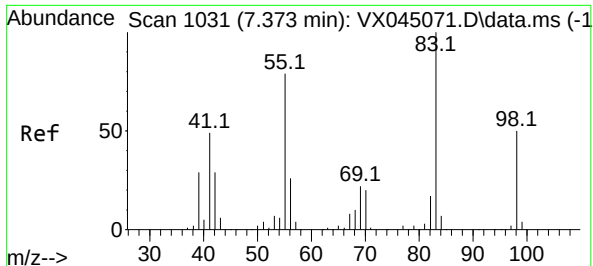
Delta R.T. -0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 8997  |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 92.0     | 76.7 115.1  |
| 121 27.2     | 25.5 38.3   |





#39

Methylcyclohexane

Concen: 4.414 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 1029

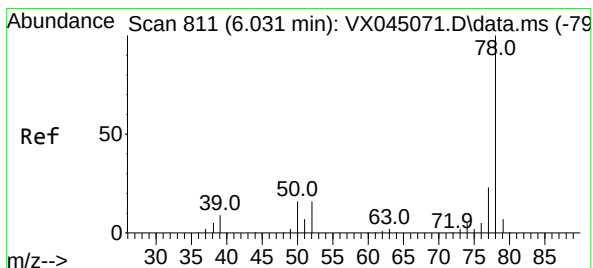
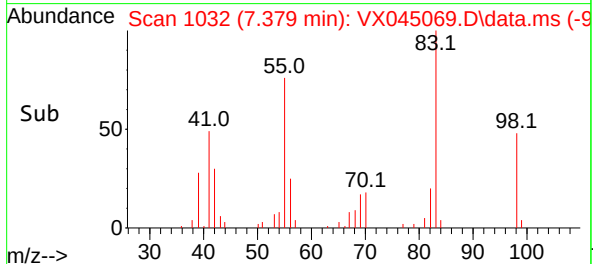
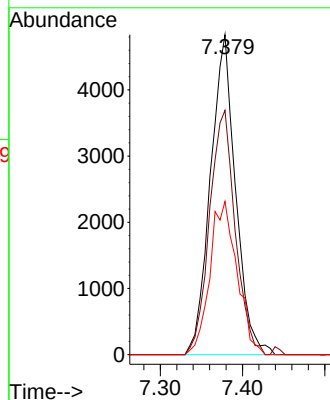
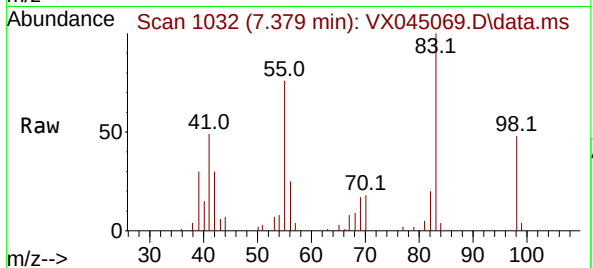
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 76.4  | 63.0  | 94.4  |
| 98  | 47.9  | 39.7  | 59.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#40

Benzene

Concen: 4.966 ug/l

RT: 6.037 min Scan# 812

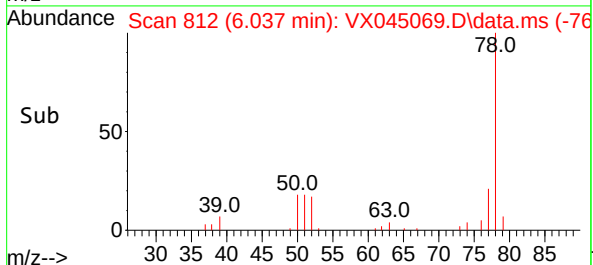
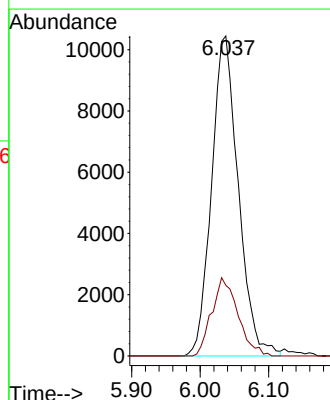
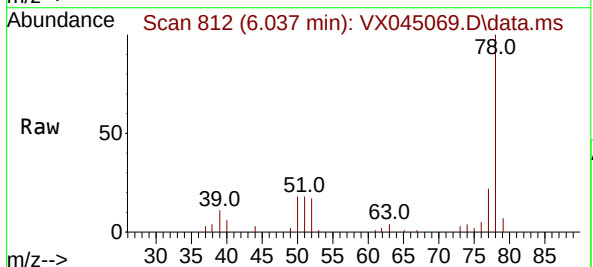
Delta R.T. 0.006 min

Lab File: VX045069.D

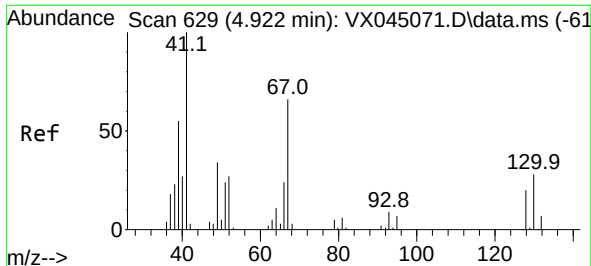
Acq: 28 Feb 2025 02:13

Tgt Ion: 78 Resp: 28339

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.1  | 18.8  | 28.2  |







#41  
Methacrylonitrile  
Concen: 5.136 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

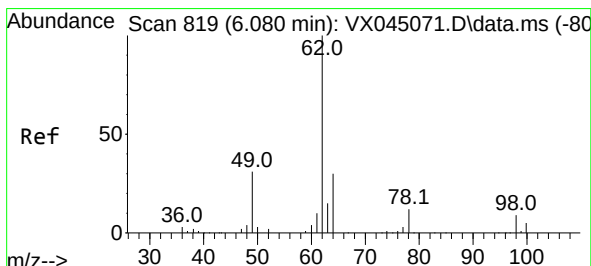
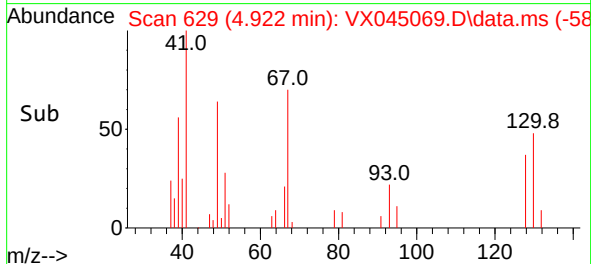
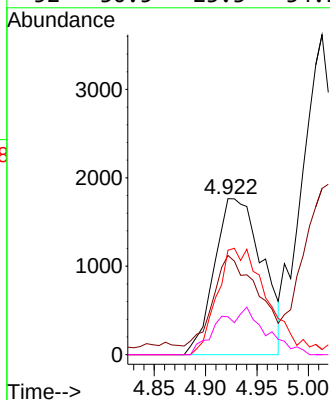
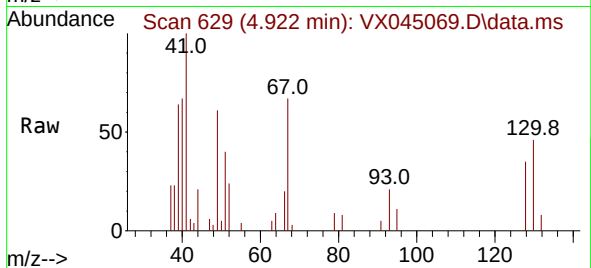
VSTDIC005

Tgt Ion: 41 Resp: 5700  
Ion Ratio Lower Upper  
41 100  
39 53.3 44.6 67.0  
67 73.4 53.9 80.9  
52 30.5 23.3 34.9

Manual Integrations

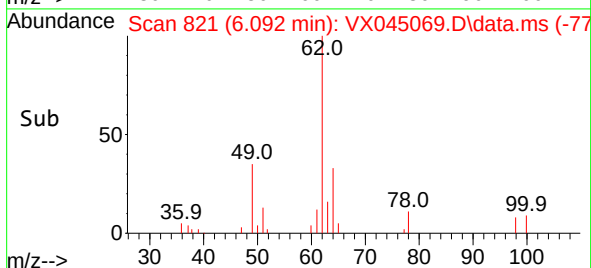
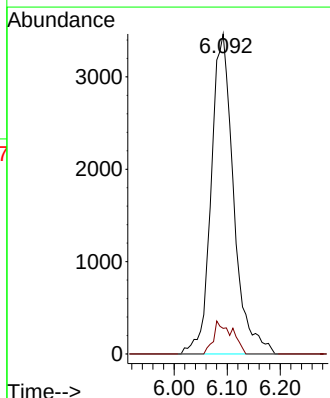
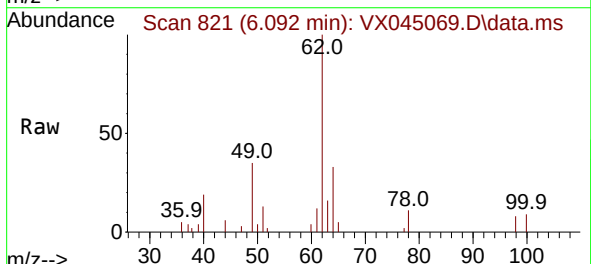
APPROVED

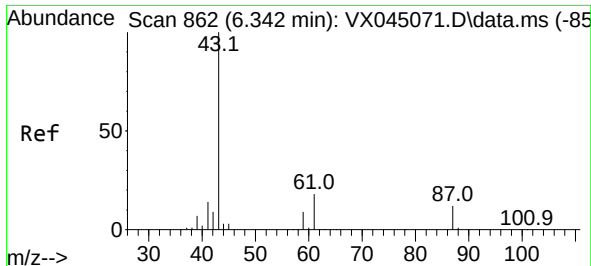
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#42  
1,2-Dichloroethane  
Concen: 5.510 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.012 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

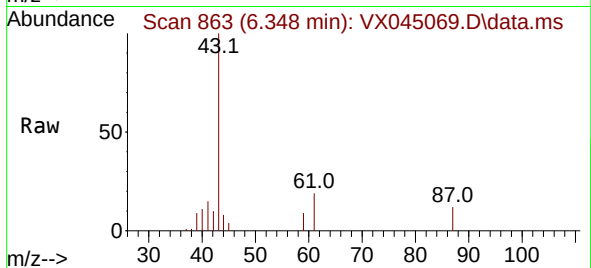
Tgt Ion: 62 Resp: 10189  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 18.2





#43  
Isopropyl Acetate  
Concen: 4.700 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

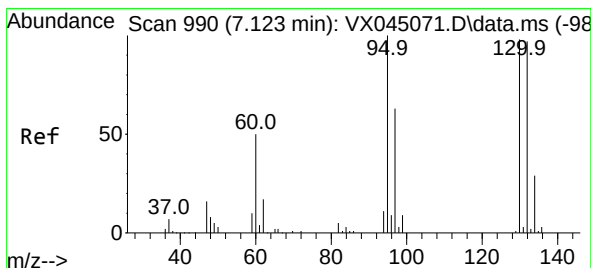
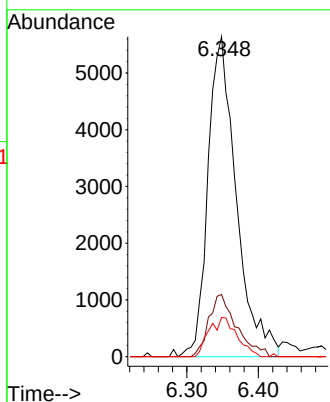
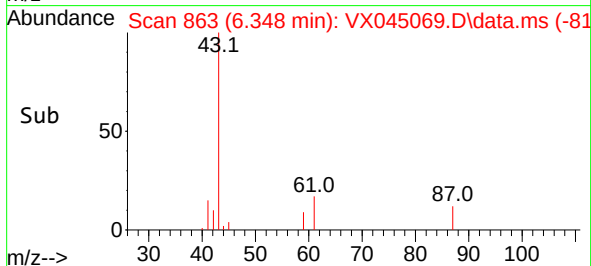
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 1554  
Ion Ratio Lower Upper  
43 100  
61 19.0 14.9 22.3  
87 12.1 9.4 14.2

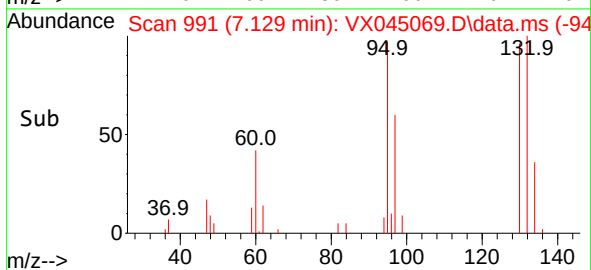
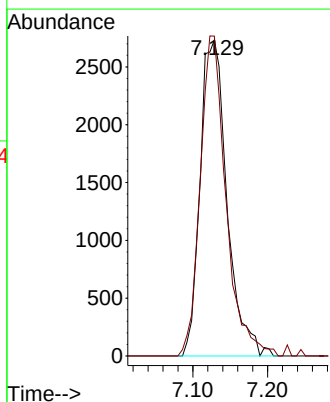
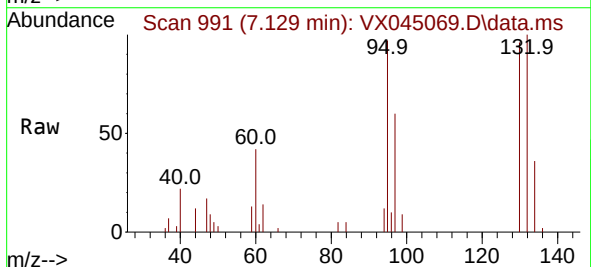
Manual Integrations  
APPROVED

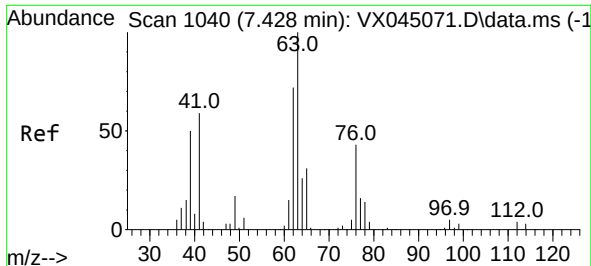
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#44  
Trichloroethene  
Concen: 5.234 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion:130 Resp: 6827  
Ion Ratio Lower Upper  
130 100  
95 101.2 0.0 205.0





#45

1,2-Dichloropropane

Concen: 5.177 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 734

Ion Ratio Lower Upper

63 100

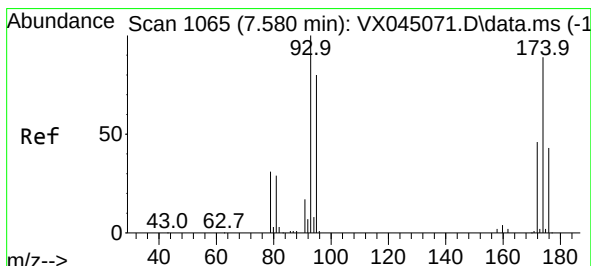
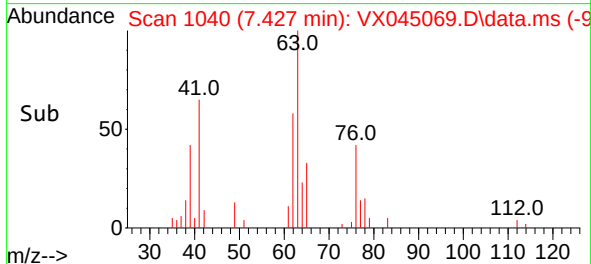
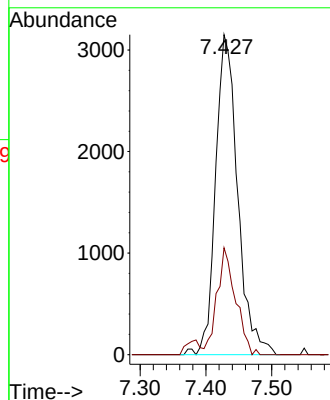
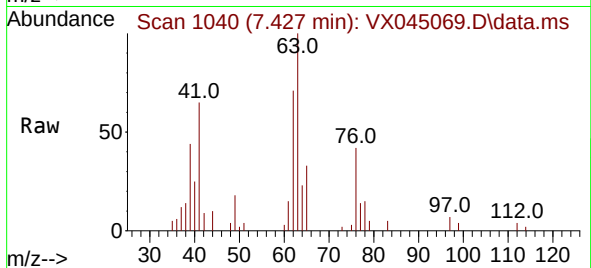
65 33.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 5.195 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

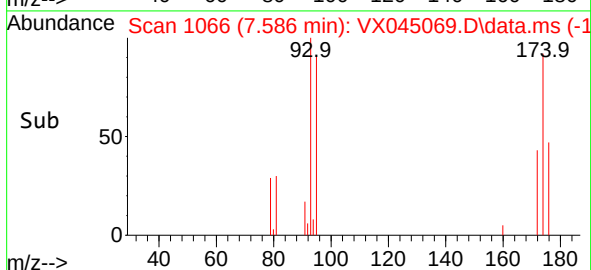
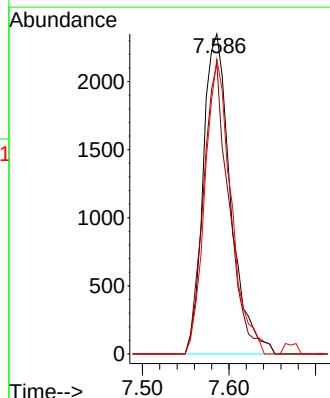
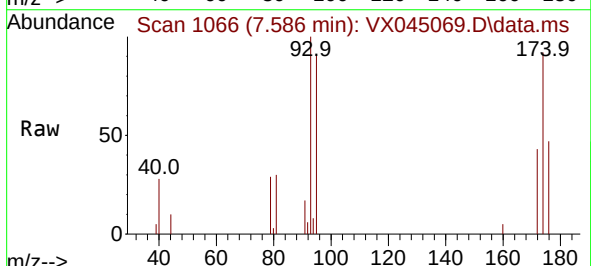
Tgt Ion: 93 Resp: 5146

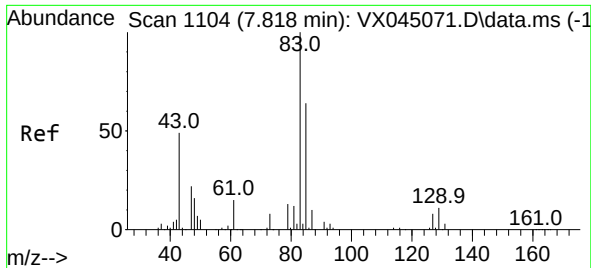
Ion Ratio Lower Upper

93 100

95 86.2 65.8 98.8

174 88.2 72.2 108.2





#47  
Bromodichloromethane  
Concen: 5.100 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

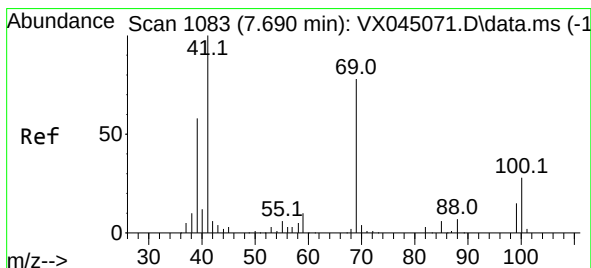
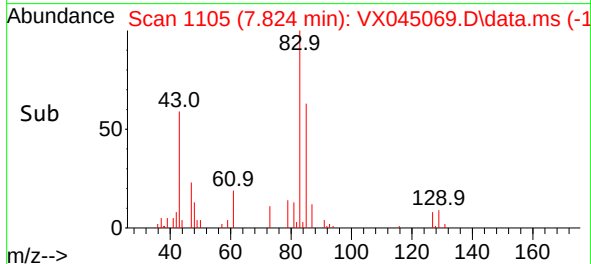
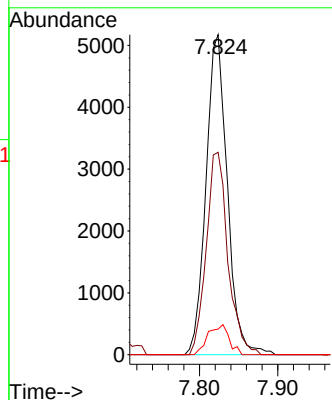
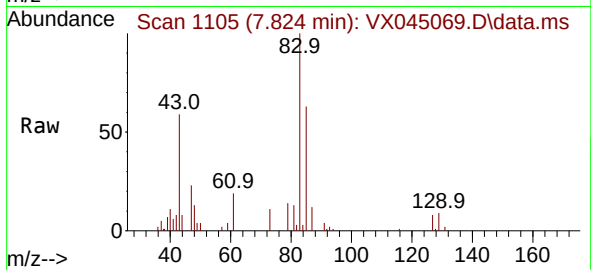
Tgt Ion: 83 Resp: 977  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.1 76.7  
127 8.0 6.4 9.6

Manual Integrations

APPROVED

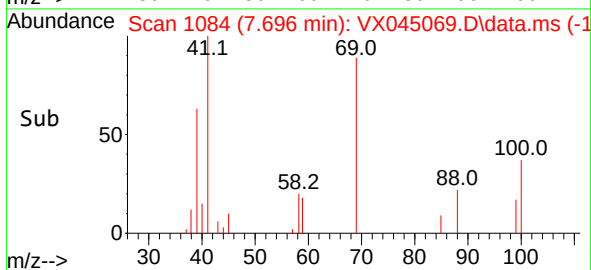
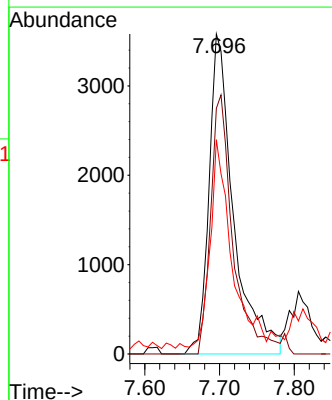
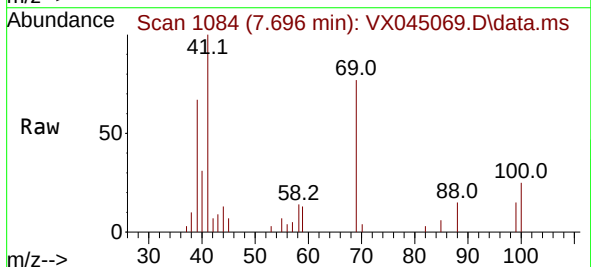
Reviewed By :John Carlone 02/28/2025

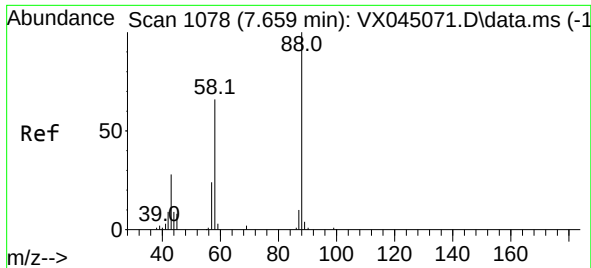
Supervised By :Mahesh Dadoda 02/28/2025



#48  
Methyl methacrylate  
Concen: 5.224 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

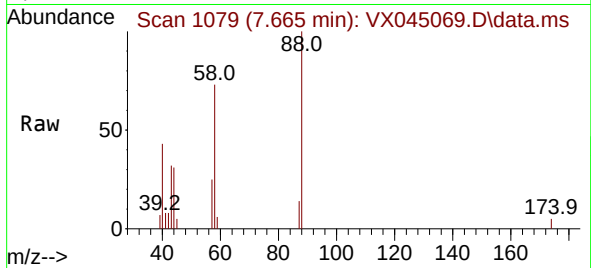
Tgt Ion: 41 Resp: 8201  
Ion Ratio Lower Upper  
41 100  
69 74.0 63.0 94.6  
39 55.4 47.5 71.3





#49  
1,4-Dioxane  
Concen: 105.826 ug/l  
RT: 7.665 min Scan# 1078  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

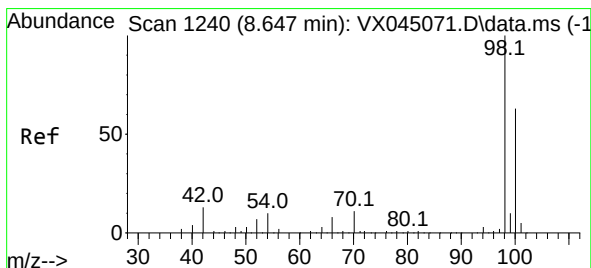
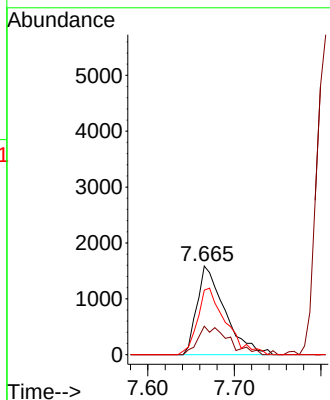
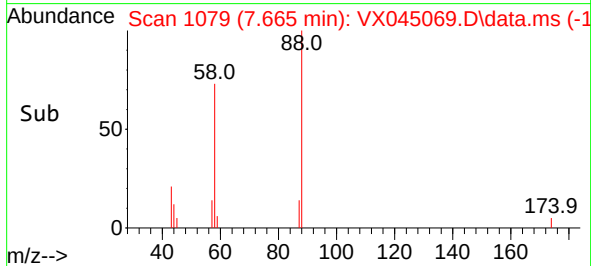
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 88 Resp: 353  
Ion Ratio Lower Upper  
88 100  
43 35.2 28.7 43.1  
58 75.9 55.8 83.8

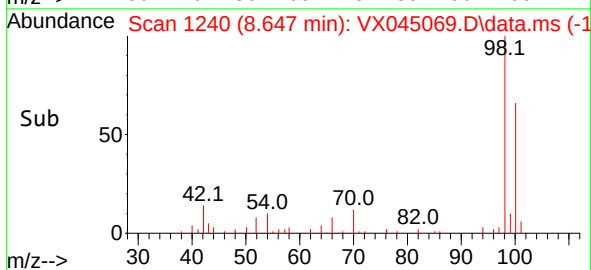
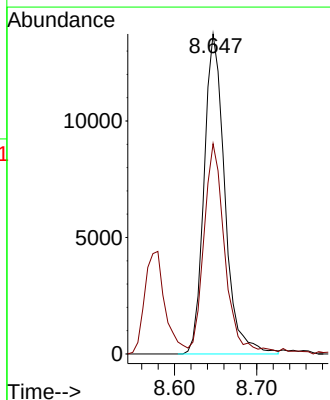
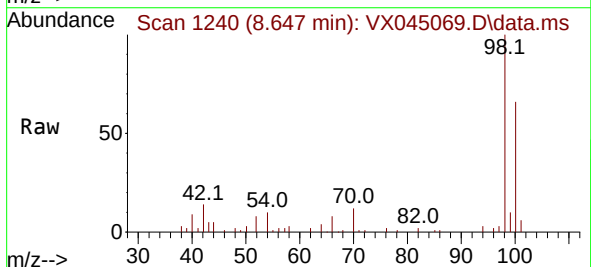
Manual Integrations  
APPROVED

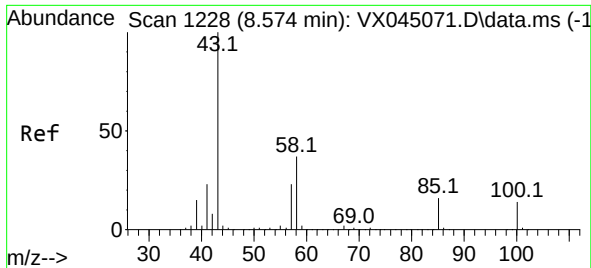
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#50  
Toluene-d8  
Concen: 5.057 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 98 Resp: 24037  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.0 78.0





#51  
4-Methyl-2-Pentanone  
Concen: 27.303 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

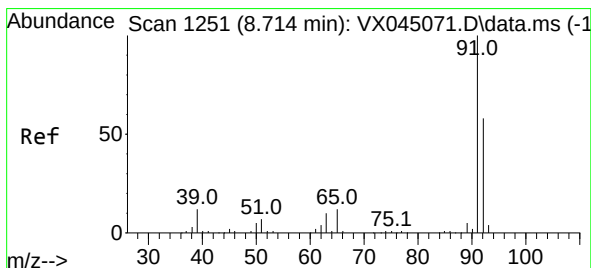
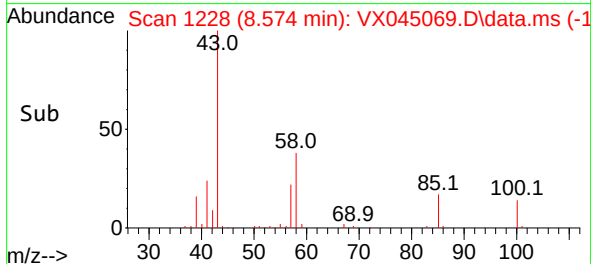
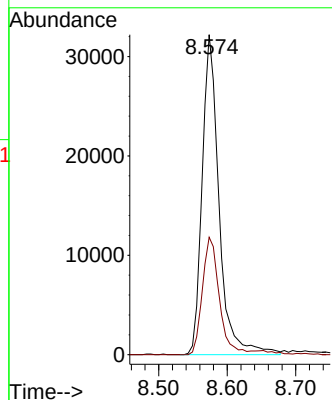
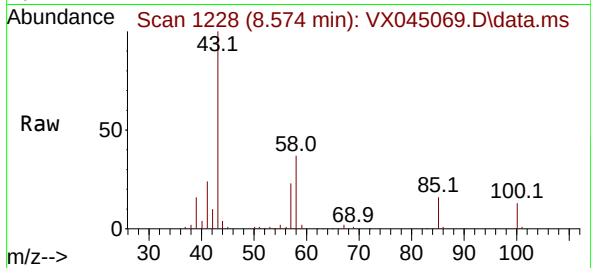
VSTDIC005

Tgt Ion: 43 Resp: 55320  
Ion Ratio Lower Upper  
43 100  
58 36.8 29.2 43.8

Manual Integrations

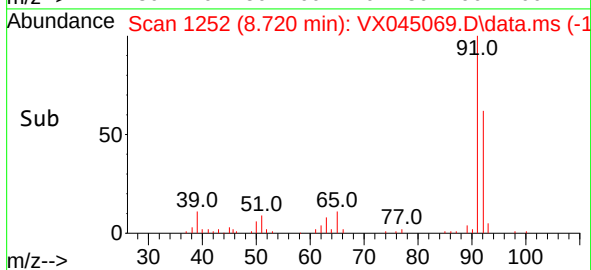
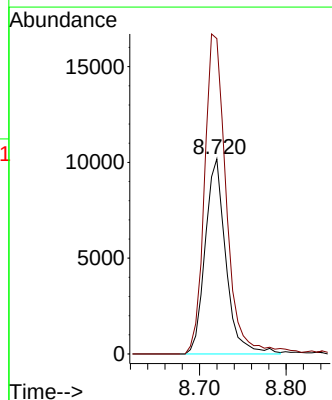
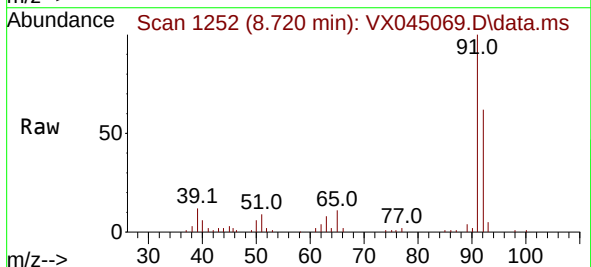
APPROVED

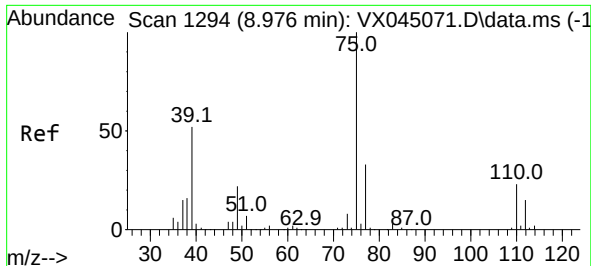
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#52  
Toluene  
Concen: 4.997 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

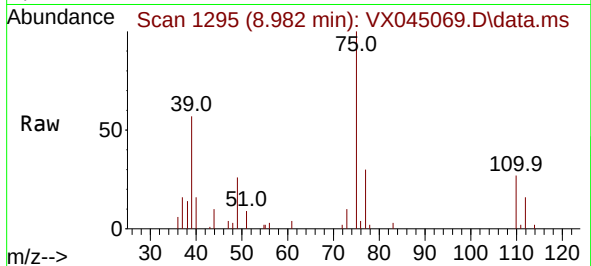
Tgt Ion: 92 Resp: 16933  
Ion Ratio Lower Upper  
92 100  
91 172.6 138.9 208.3





#53  
 t-1,3-Dichloropropene  
 Concen: 3.985 ug/l  
 RT: 8.982 min Scan# 1294  
 Delta R.T. 0.006 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13

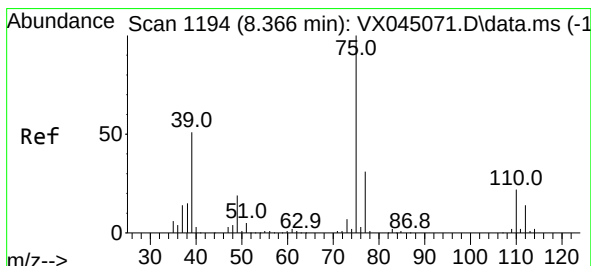
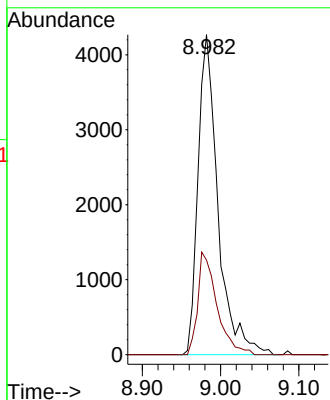
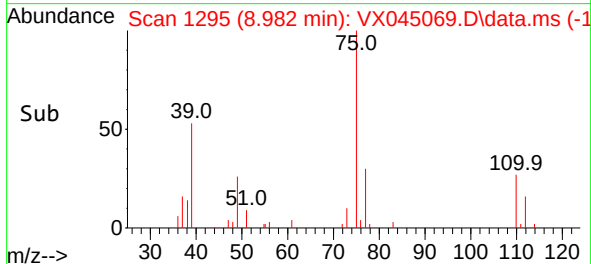
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005



Tgt Ion: 75 Resp: 7548  
 Ion Ratio Lower Upper  
 75 100  
 77 29.6 26.5 39.7

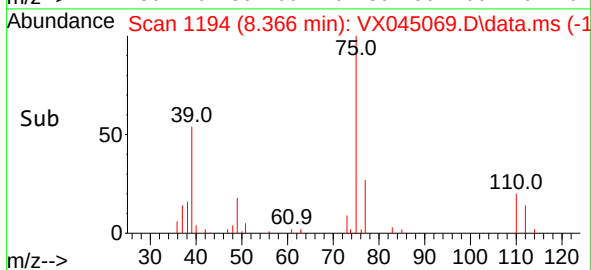
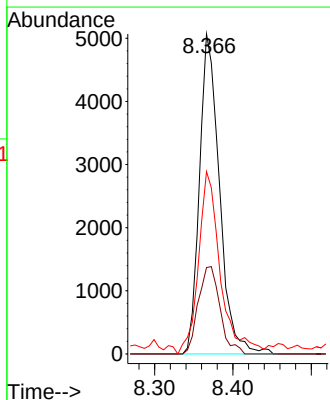
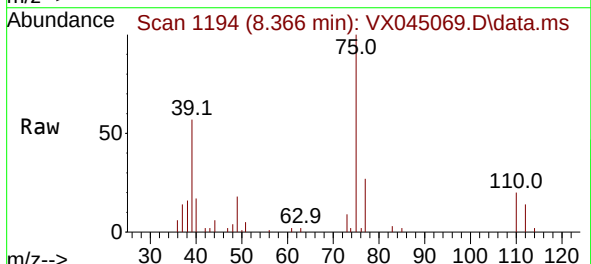
Manual Integrations  
 APPROVED

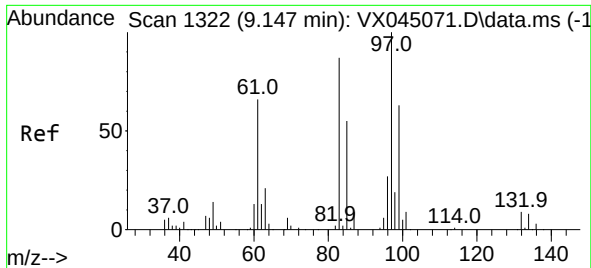
Reviewed By :John Carlone 02/28/2025  
 Supervised By :Mahesh Dadoda 02/28/2025



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.244 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13

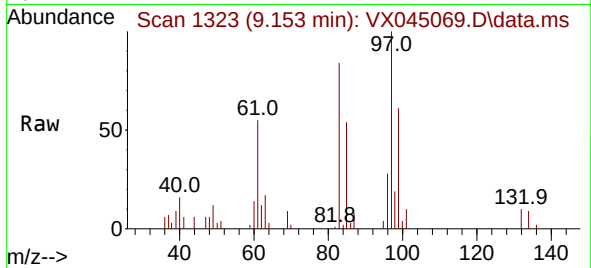
Tgt Ion: 75 Resp: 8988  
 Ion Ratio Lower Upper  
 75 100  
 77 27.0 24.7 37.1  
 39 57.0 40.7 61.1





#55  
1,1,2-Trichloroethane  
Concen: 5.151 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

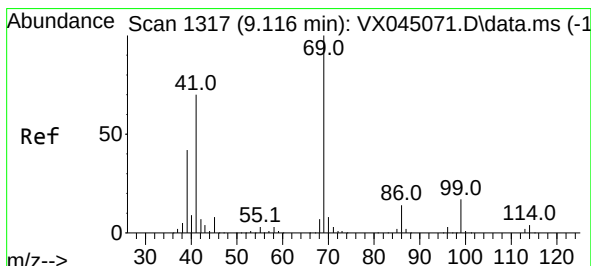
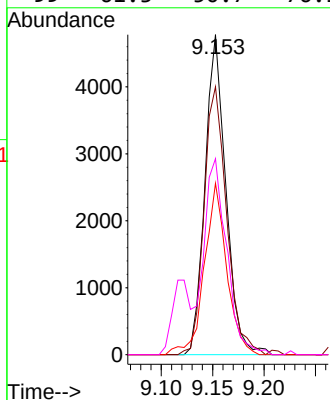
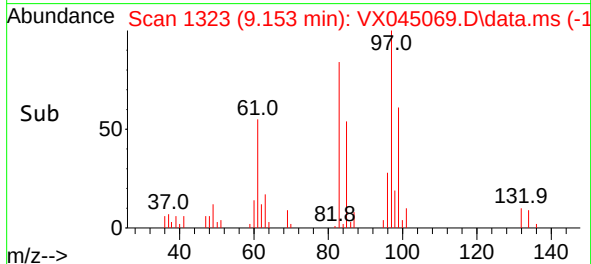
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



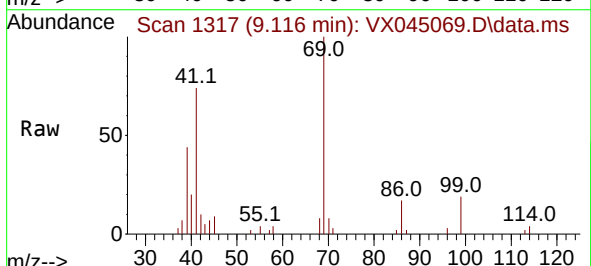
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 83.7  | 69.4  | 104.2 |
| 85      | 53.6  | 44.1  | 66.1  |
| 99      | 61.3  | 50.7  | 76.1  |

Manual Integrations  
APPROVED

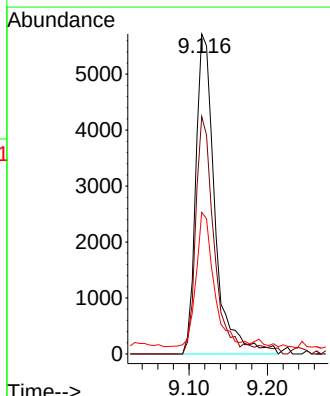
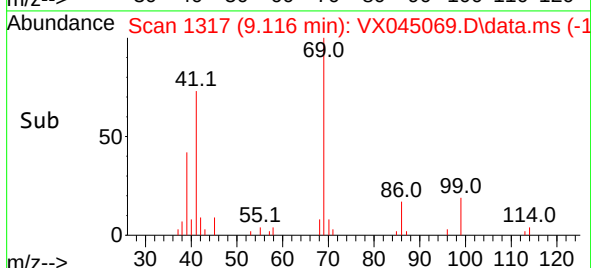
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



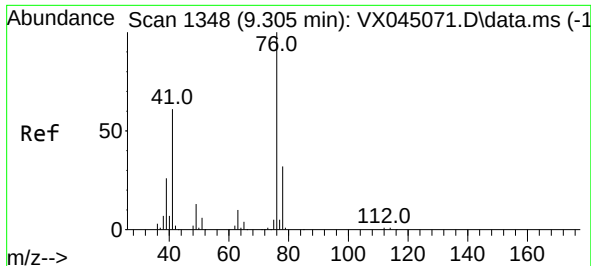
#56  
Ethyl methacrylate  
Concen: 4.628 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 71.0  | 57.0  | 85.4  |
| 39      | 39.2  | 34.2  | 51.4  |







#57

1,3-Dichloropropane

Concen: 5.289 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 12100

Ion Ratio Lower Upper

76 100

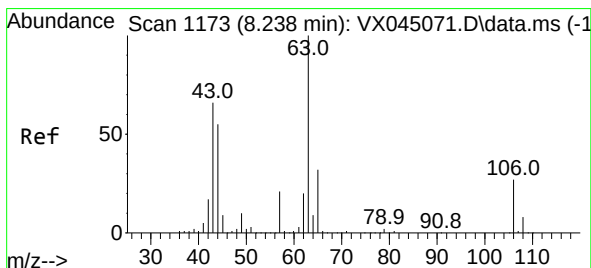
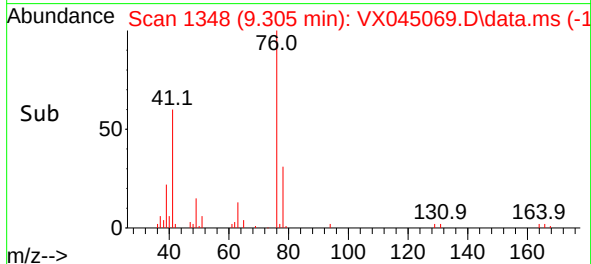
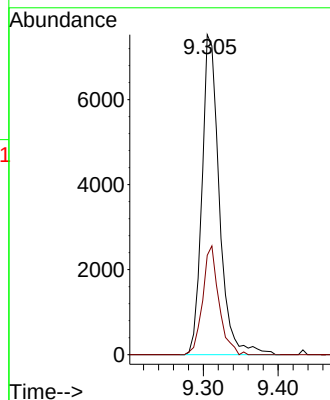
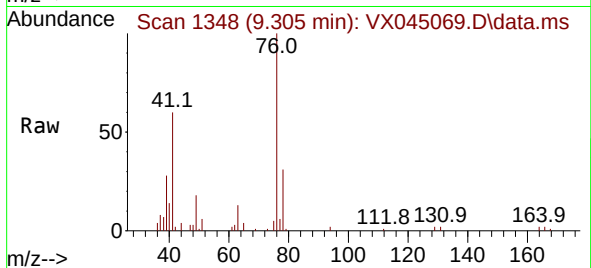
78 31.9 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 22.527 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045069.D

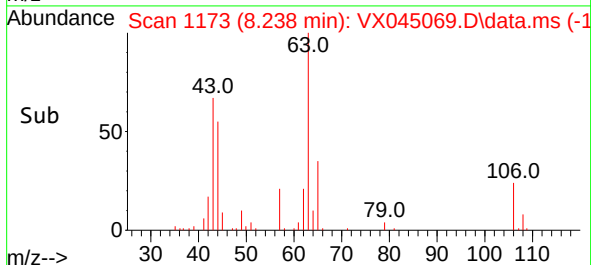
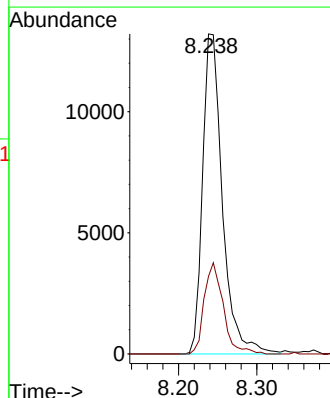
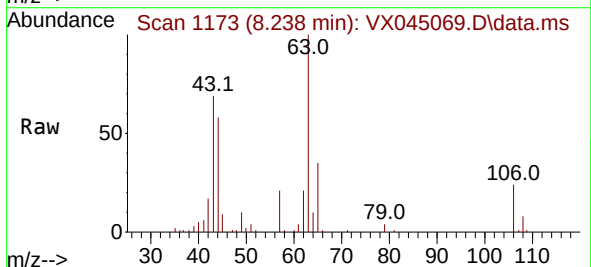
Acq: 28 Feb 2025 02:13

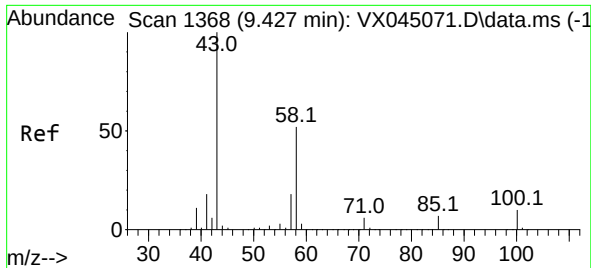
Tgt Ion: 63 Resp: 23212

Ion Ratio Lower Upper

63 100

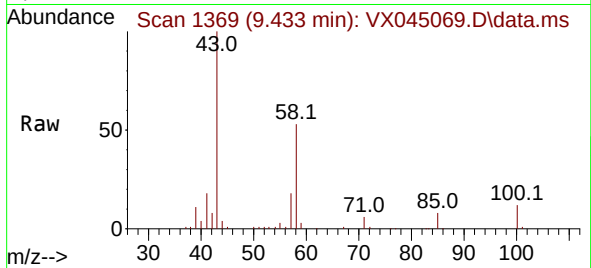
106 27.4 21.5 32.3





#59  
2-Hexanone  
Concen: 27.363 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

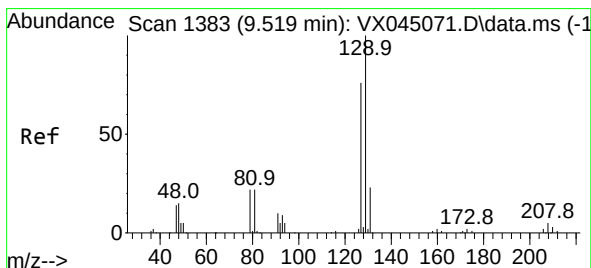
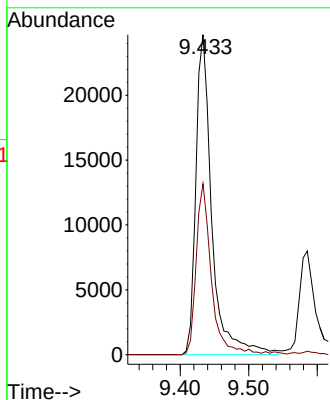
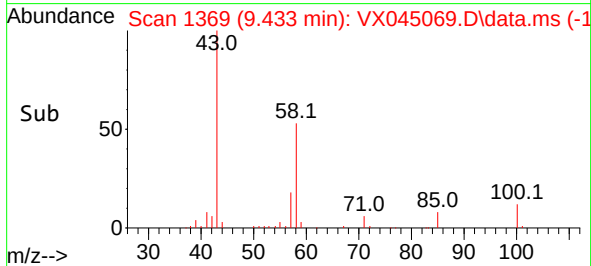
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 43 Resp: 3994  
Ion Ratio Lower Upper  
43 100  
58 50.7 25.9 77.6

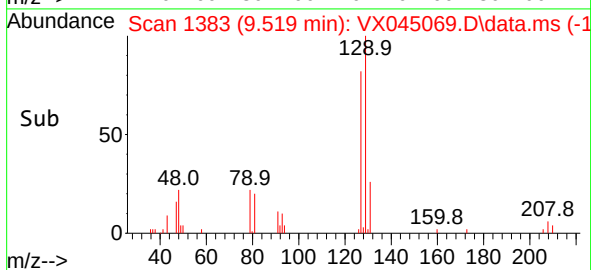
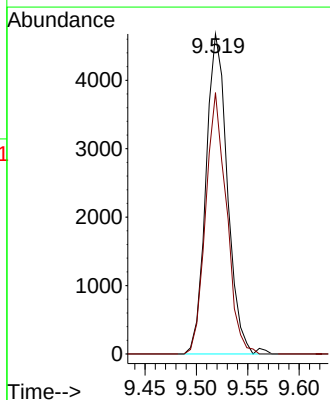
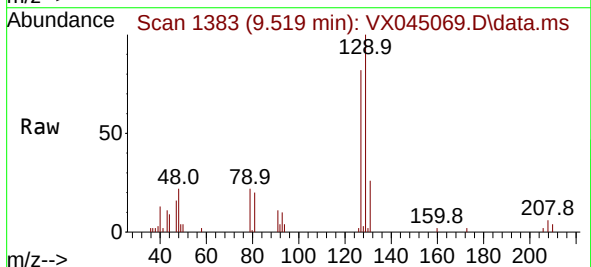
Manual Integrations  
APPROVED

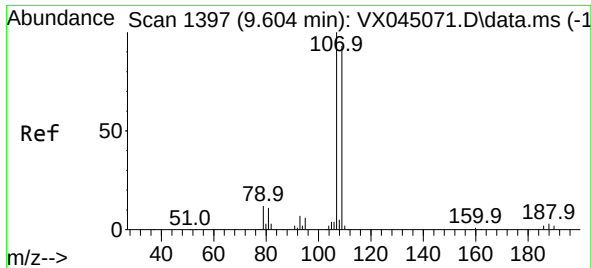
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#60  
Dibromochloromethane  
Concen: 4.846 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

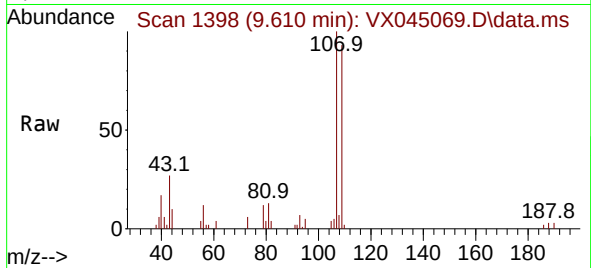
Tgt Ion:129 Resp: 6785  
Ion Ratio Lower Upper  
129 100  
127 79.0 38.5 115.5





#61  
1,2-Dibromoethane  
Concen: 5.161 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

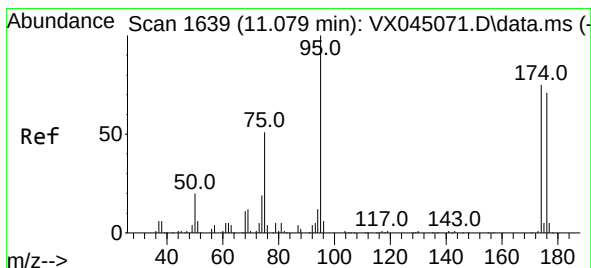
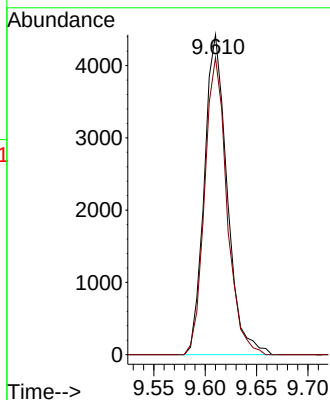
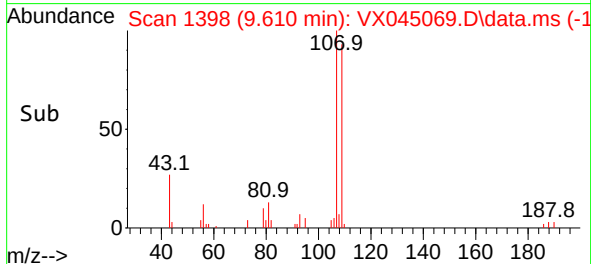
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



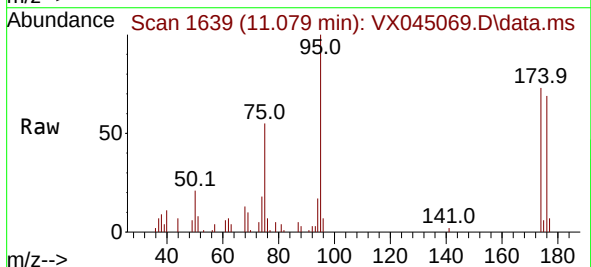
Tgt Ion:107 Resp: 683  
Ion Ratio Lower Upper  
107 100  
109 90.7 76.1 114.1

Manual Integrations  
APPROVED

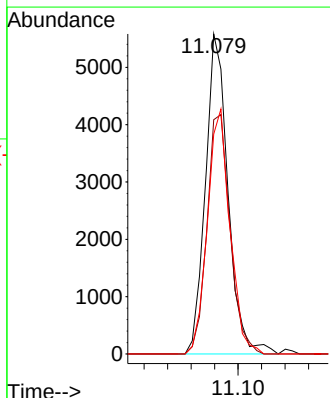
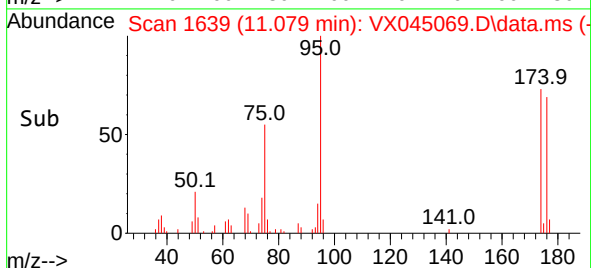
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025

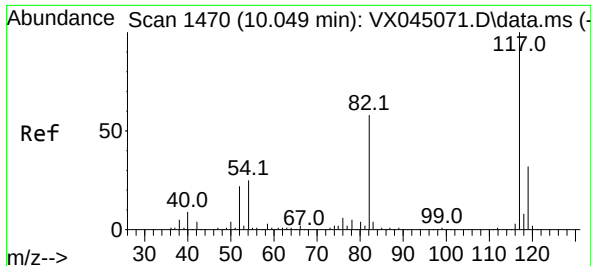


#62  
4-Bromofluorobenzene  
Concen: 4.685 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



Tgt Ion: 95 Resp: 7436  
Ion Ratio Lower Upper  
95 100  
174 76.5 0.0 148.2  
176 76.3 0.0 141.4





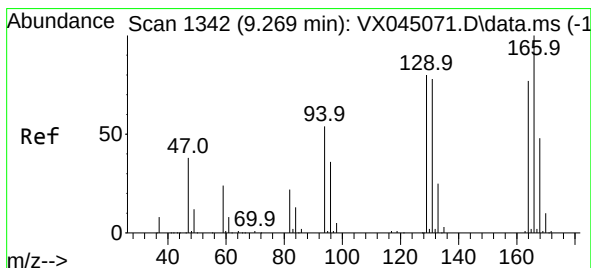
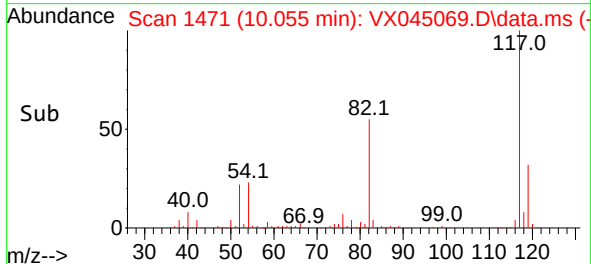
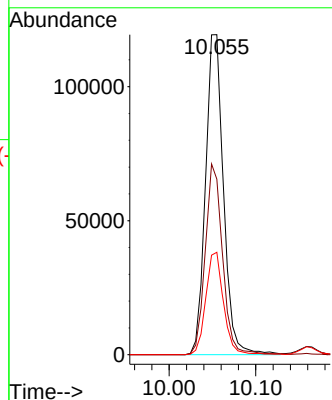
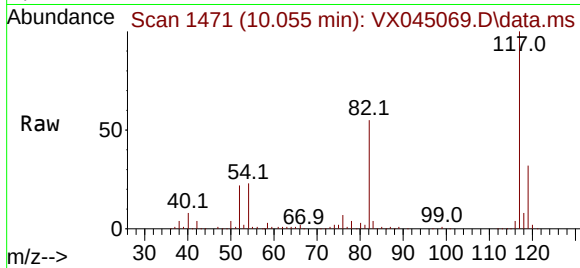
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion:117 Resp: 17236  
Ion Ratio Lower Upper  
117 100  
82 54.8 46.3 69.5  
119 32.0 25.7 38.5

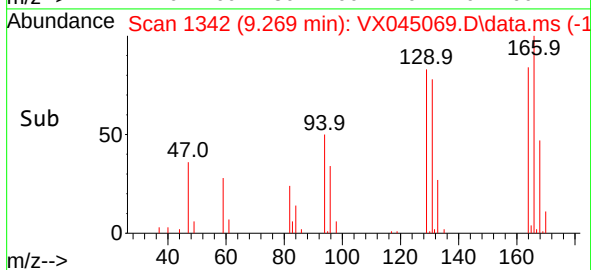
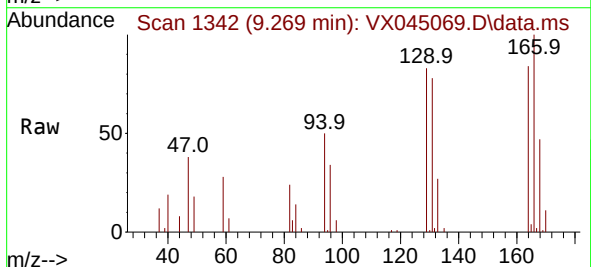
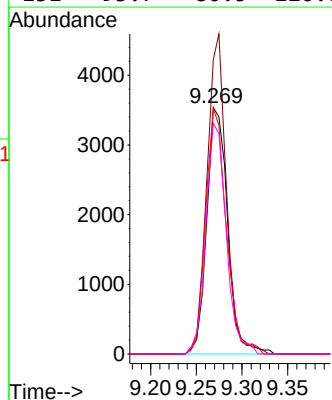
Manual Integrations  
APPROVED

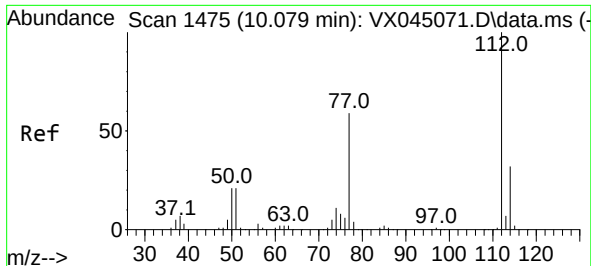
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#64  
Tetrachloroethene  
Concen: 5.128 ug/l  
RT: 9.269 min Scan# 1342  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion:164 Resp: 5615  
Ion Ratio Lower Upper  
164 100  
166 119.5 103.6 155.4  
129 99.7 82.7 124.1  
131 93.7 80.5 120.7





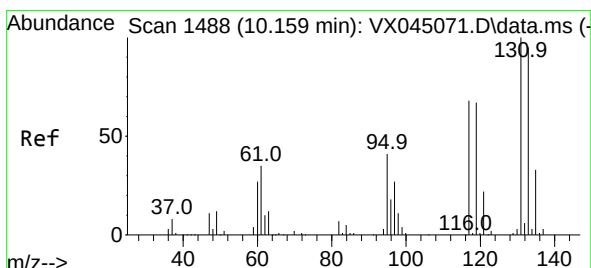
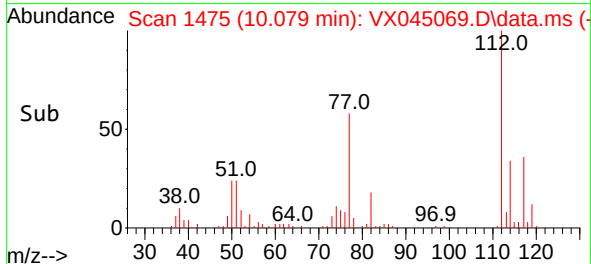
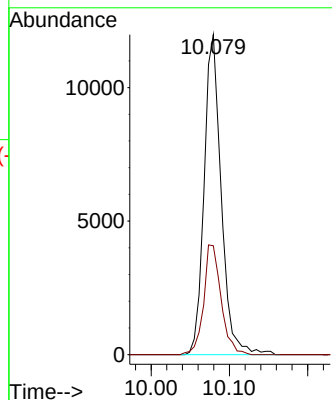
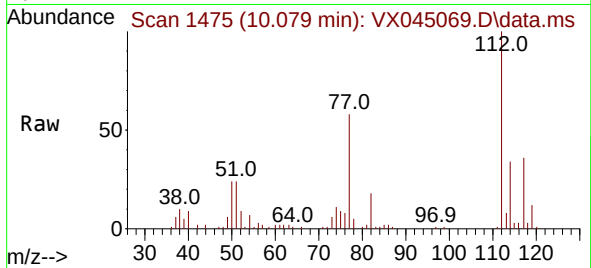
#65  
Chlorobenzene  
Concen: 4.908 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion:112 Resp: 1816  
Ion Ratio Lower Upper  
112 100  
114 34.0 26.0 39.0

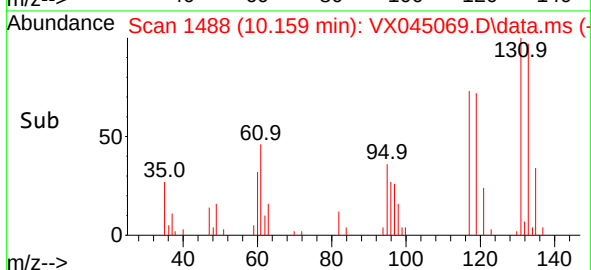
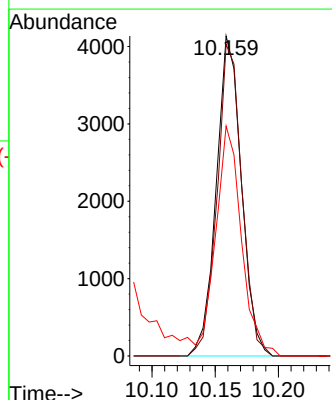
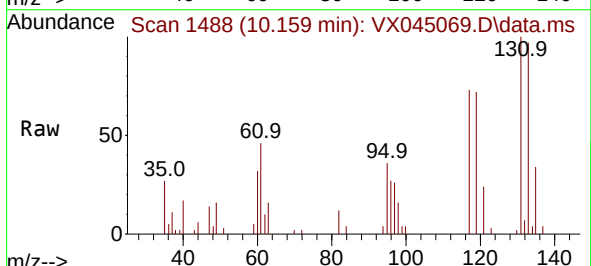
Manual Integrations  
APPROVED

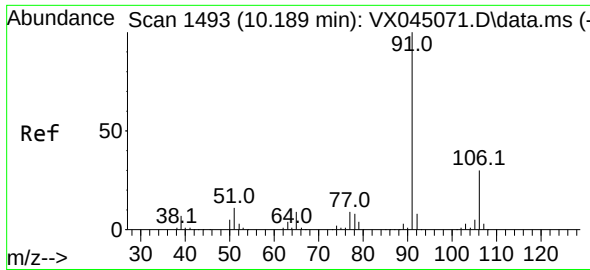
Reviewed By :John Carbone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.781 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion:131 Resp: 5702  
Ion Ratio Lower Upper  
131 100  
133 96.1 48.6 145.9  
119 73.4 33.9 101.7





#67

Ethyl Benzene

Concen: 4.725 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 30918

Ion Ratio Lower Upper

91 100

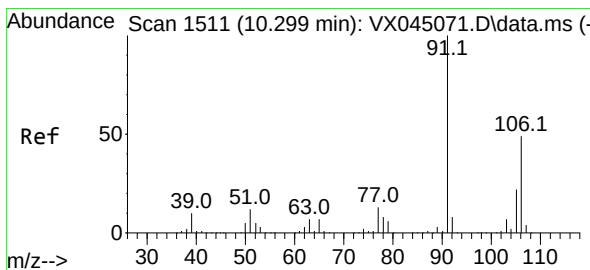
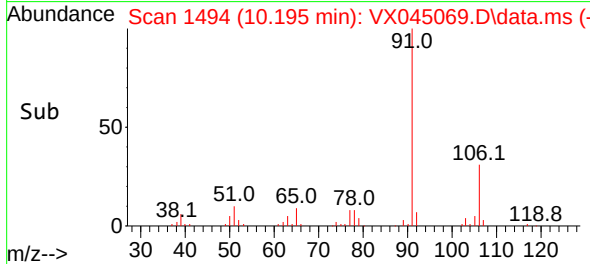
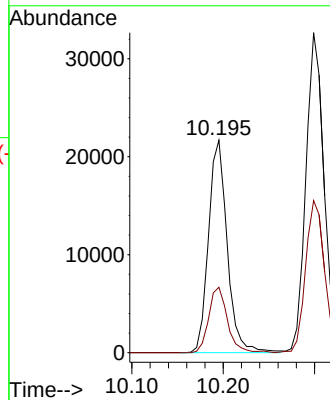
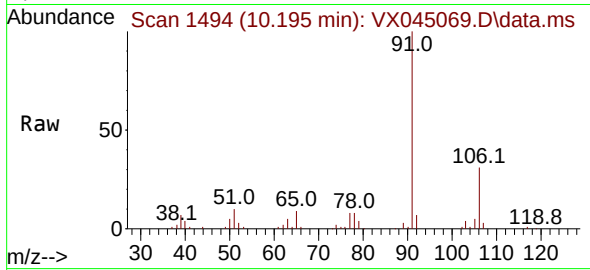
106 30.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#68

m/p-Xylenes

Concen: 9.608 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045069.D

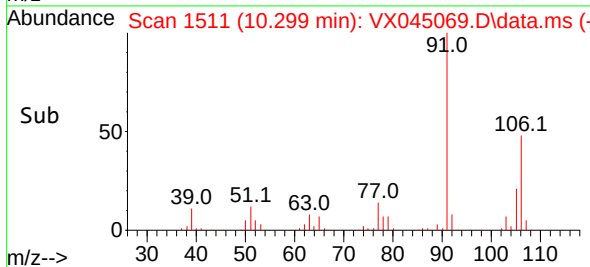
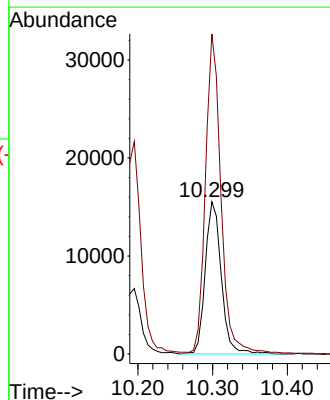
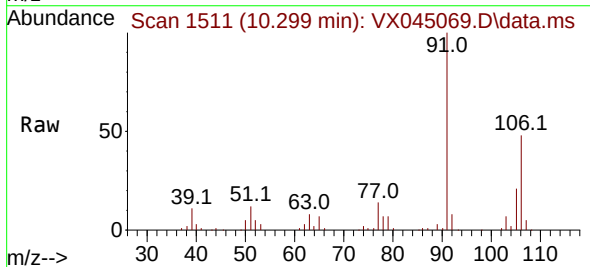
Acq: 28 Feb 2025 02:13

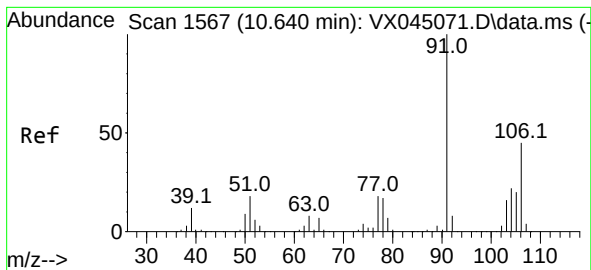
Tgt Ion:106 Resp: 23152

Ion Ratio Lower Upper

106 100

91 202.7 165.4 248.0





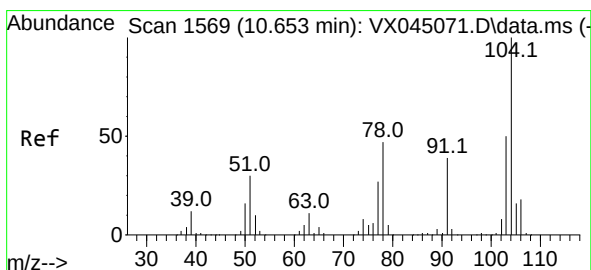
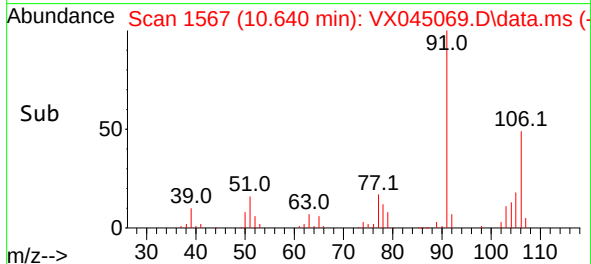
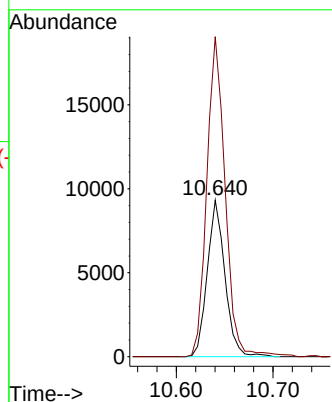
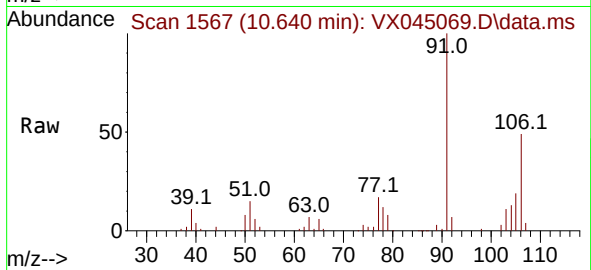
#69  
o-Xylene  
Concen: 4.914 ug/l  
RT: 10.640 min Scan# 1188  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Tgt Ion:106 Resp: 1188  
Ion Ratio Lower Upper  
106 100  
91 211.7 109.9 329.6

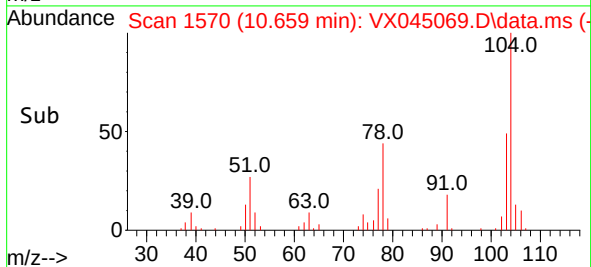
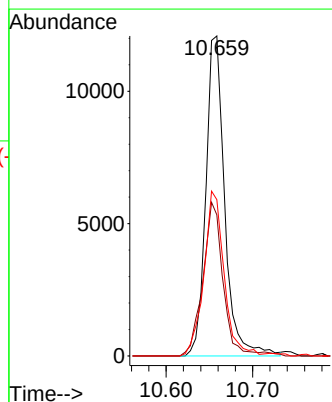
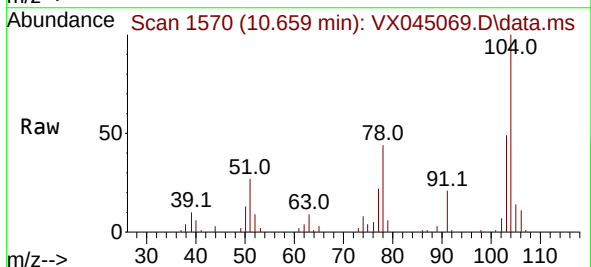
Manual Integrations  
APPROVED

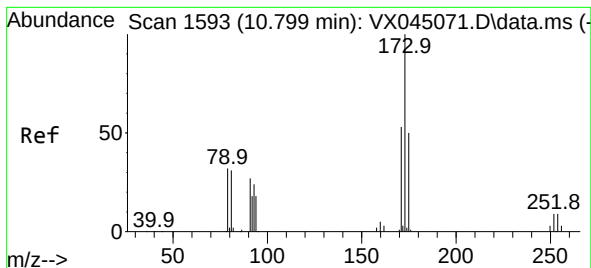
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#70  
Styrene  
Concen: 4.704 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion:104 Resp: 18278  
Ion Ratio Lower Upper  
104 100  
78 51.7 42.2 63.4  
103 55.3 43.8 65.8





#71

Bromoform

Concen: 4.541 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

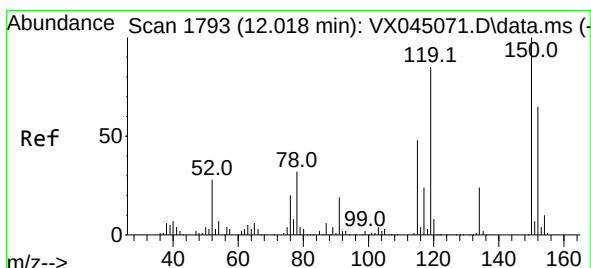
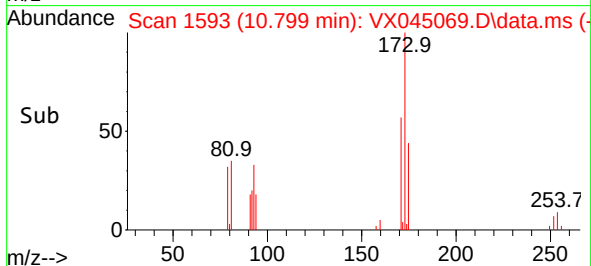
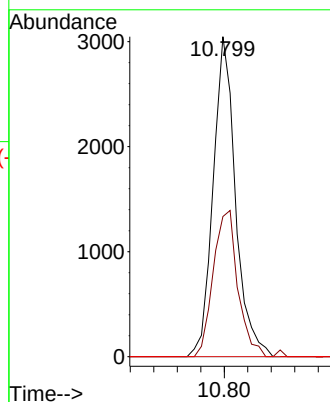
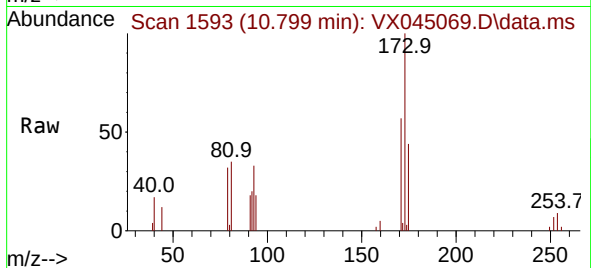
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 402  |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 50.1  | 24.6  | 73.6 |
| 254       | 0.0   | 0.0   | 0.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

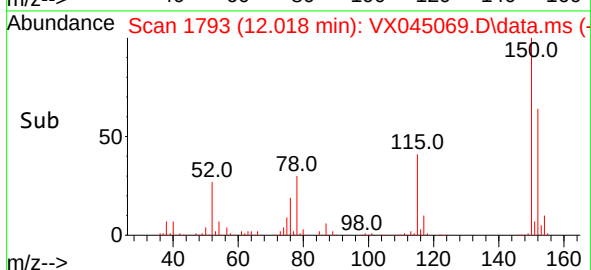
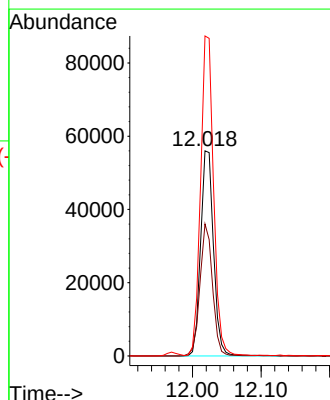
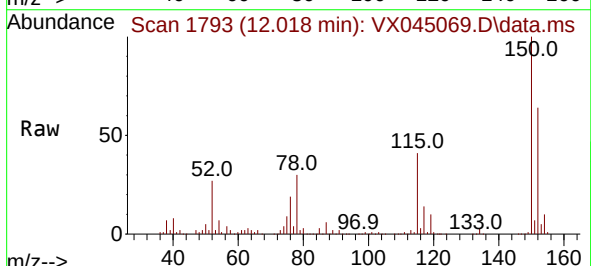
RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

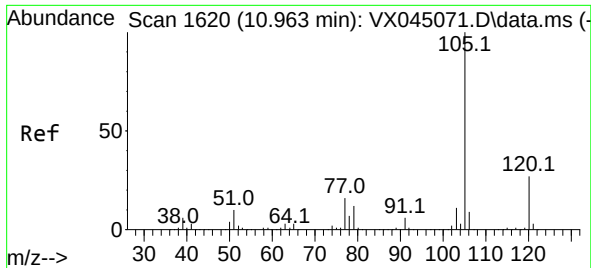
Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 73591 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 62.6  | 44.2  | 132.6 |
| 150       | 156.2 | 0.0   | 349.0 |







#73  
Isopropylbenzene  
Concen: 4.991 ug/l  
RT: 10.963 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC005

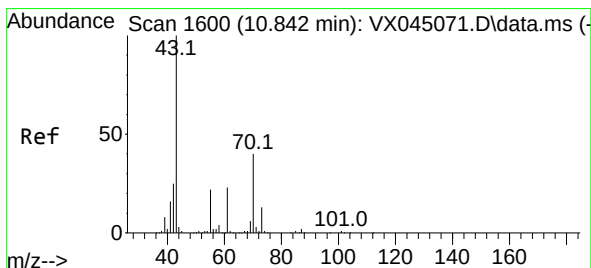
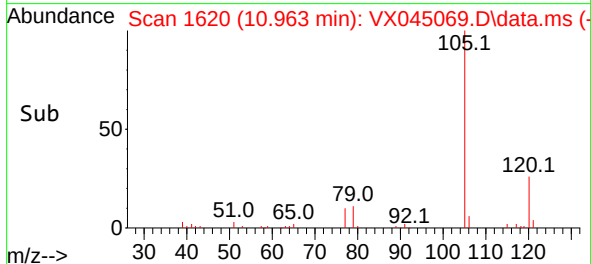
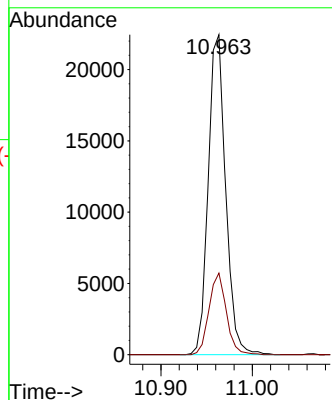
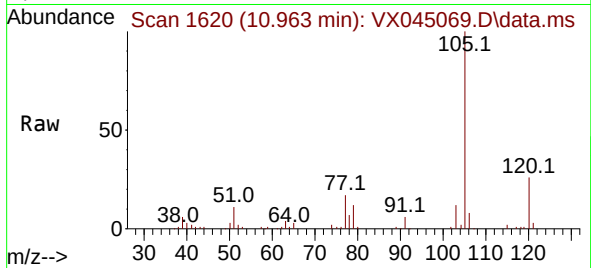
Tgt Ion:105 Resp: 2968  
Ion Ratio Lower Upper  
105 100  
120 25.3 13.2 39.5

Manual Integrations

APPROVED

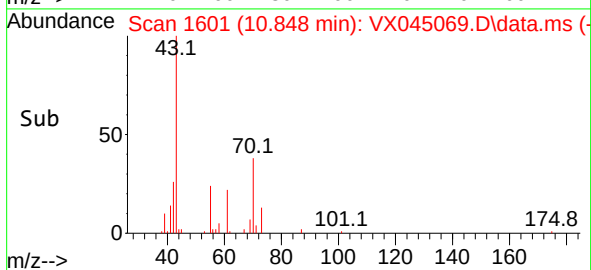
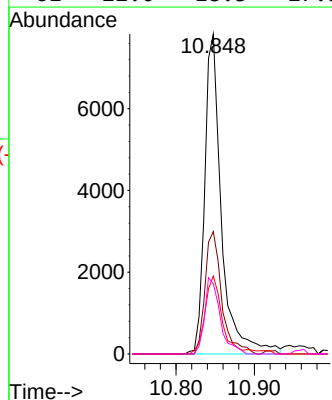
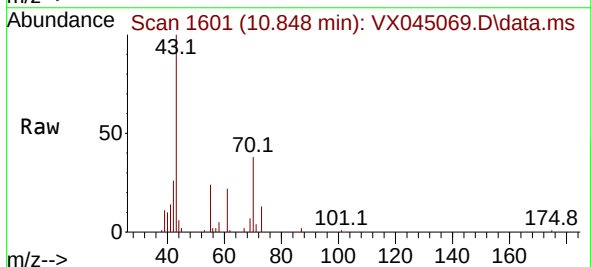
Reviewed By :John Carlone 02/28/2025

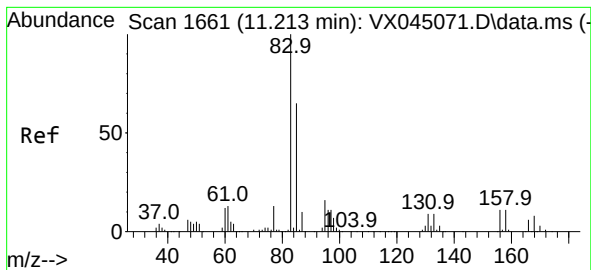
Supervised By :Mahesh Dadoda 02/28/2025



#74  
N-ethyl acetate  
Concen: 4.300 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion: 43 Resp: 11609  
Ion Ratio Lower Upper  
43 100  
70 38.1 31.8 47.6  
55 25.9 18.3 27.5  
61 22.0 18.3 27.5





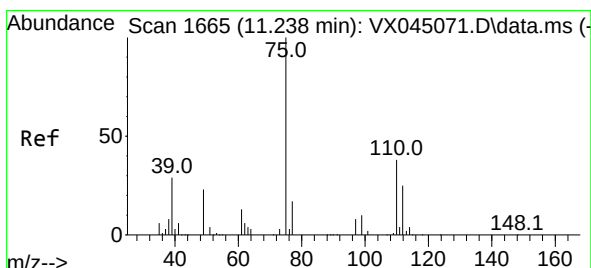
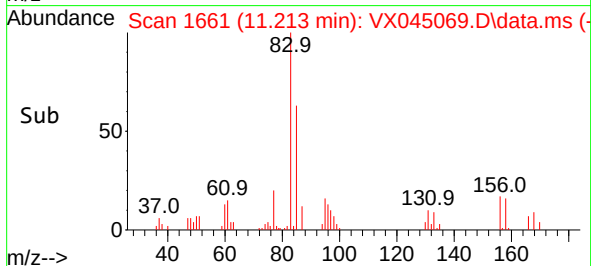
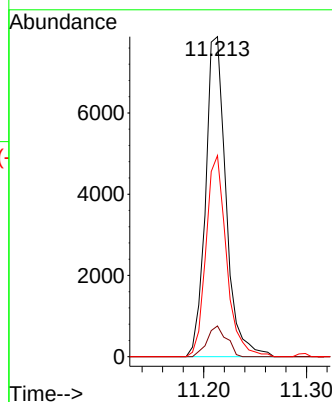
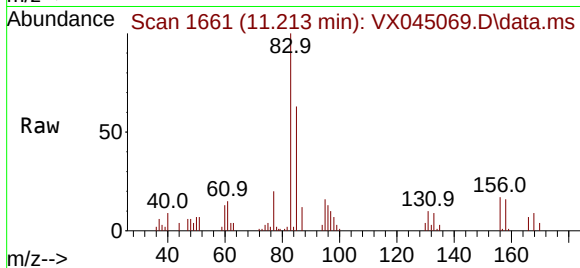
#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.310 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005

Tgt Ion: 83 Resp: 1088  
Ion Ratio Lower Upper  
83 100  
131 9.2 4.5 13.4  
85 63.1 31.7 95.1

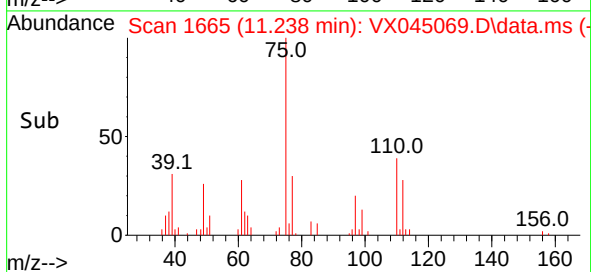
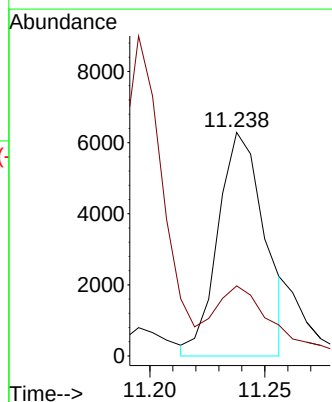
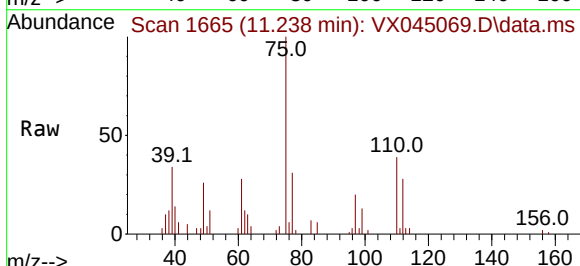
Manual Integrations  
APPROVED

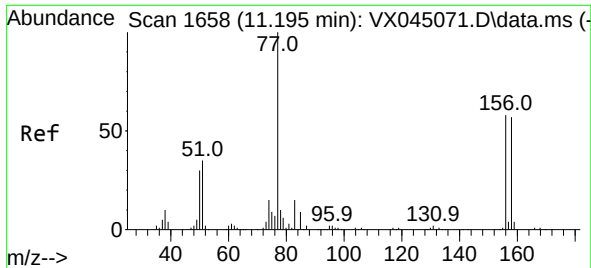
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#76  
1,2,3-Trichloropropane  
Concen: 5.384 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

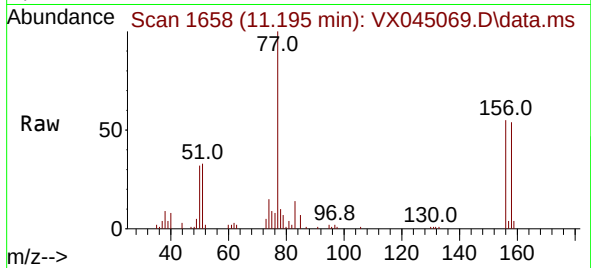
Tgt Ion: 75 Resp: 8839  
Ion Ratio Lower Upper  
75 100  
77 39.8 20.7 62.1





#77  
Bromobenzene  
Concen: 5.163 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

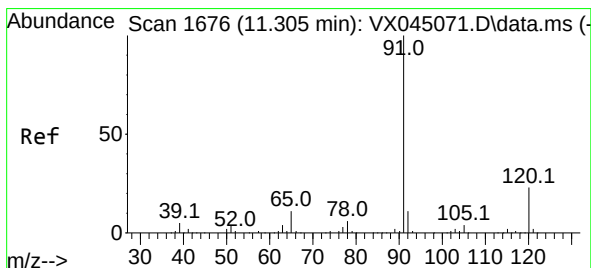
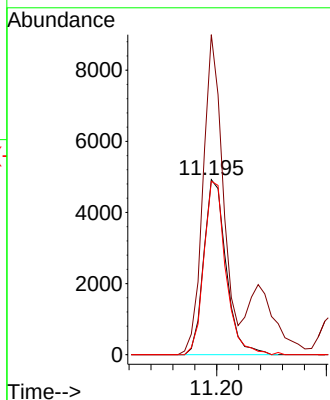
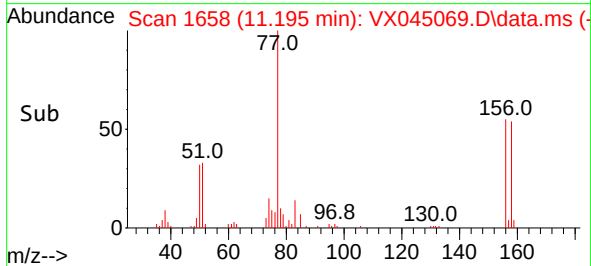
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005



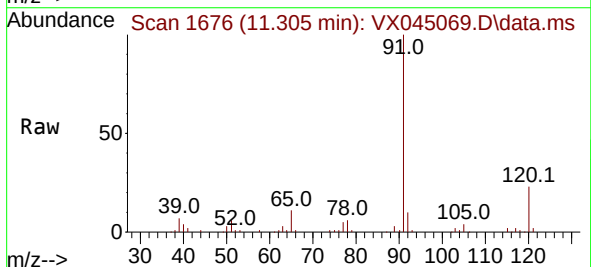
Tgt Ion:156 Resp: 6970  
Ion Ratio Lower Upper  
156 100  
77 163.3 85.8 257.4  
158 97.8 48.4 145.2

Manual Integrations  
APPROVED

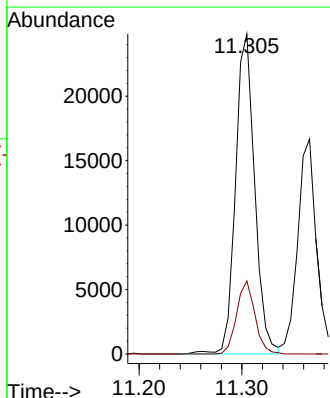
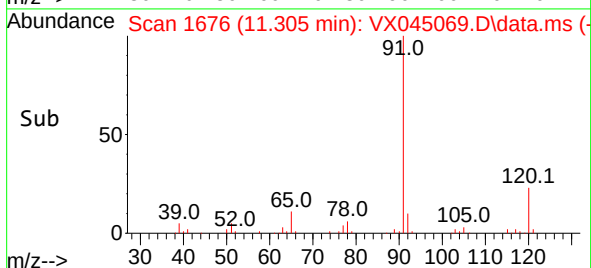
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025

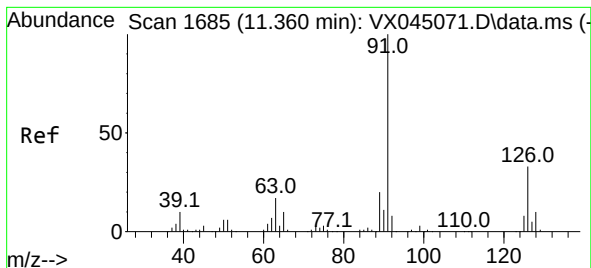


#78  
n-propylbenzene  
Concen: 4.694 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



Tgt Ion: 91 Resp: 32196  
Ion Ratio Lower Upper  
91 100  
120 21.7 11.2 33.6





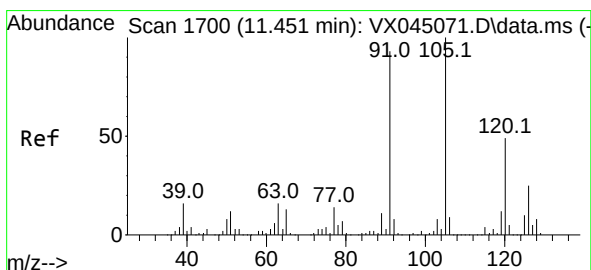
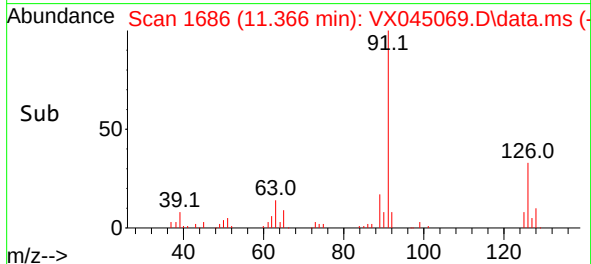
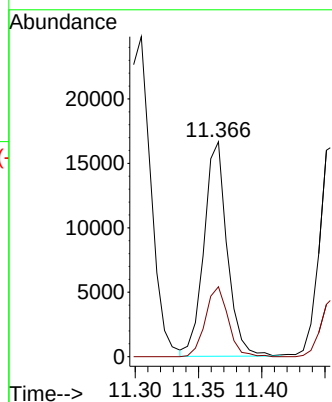
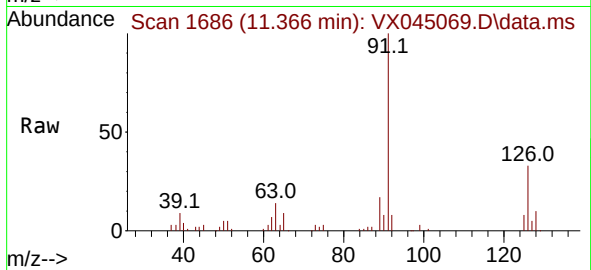
#79  
2-Chlorotoluene  
Concen: 5.048 ug/l  
RT: 11.366 min Scan# 1685  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion: 91 Resp: 2125  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.4 49.4

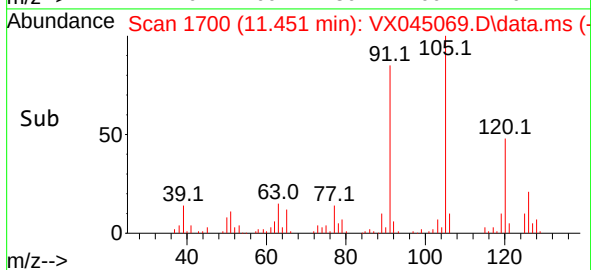
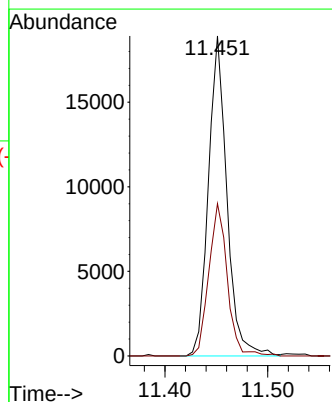
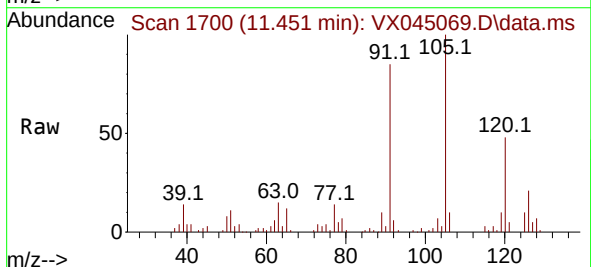
Manual Integrations  
APPROVED

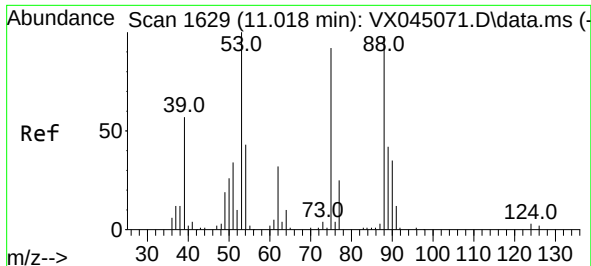
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 4.897 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

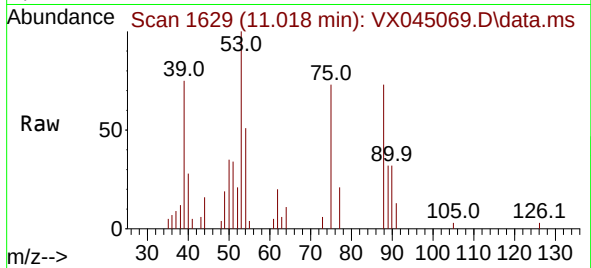
Tgt Ion:105 Resp: 23627  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.1 72.2





#81  
trans-1,4-Dichloro-2-butene  
Concen: 3.256 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

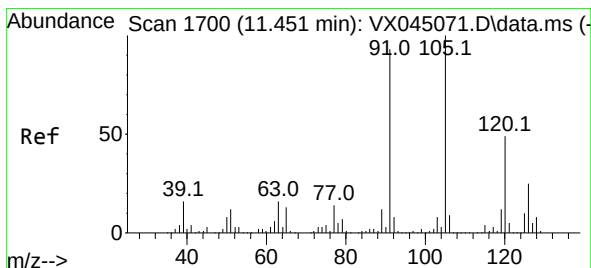
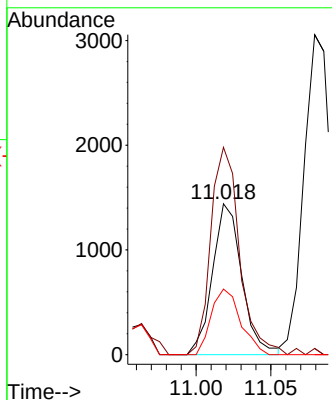
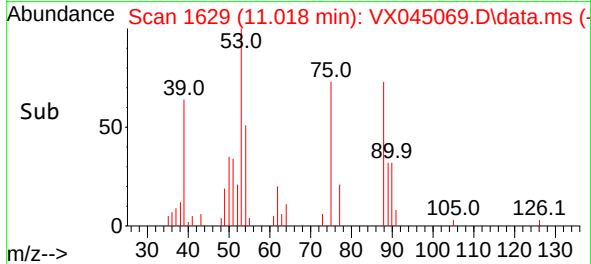
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



Tgt Ion: 75 Resp: 197  
Ion Ratio Lower Upper  
75 100  
53 134.1 88.5 132.7  
89 43.4 36.2 54.4

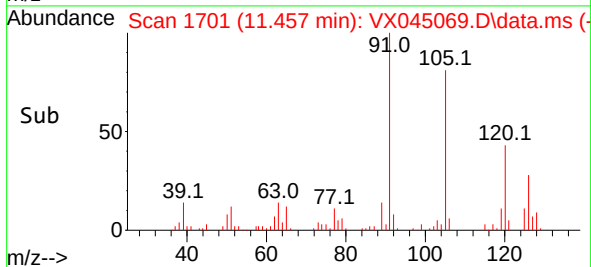
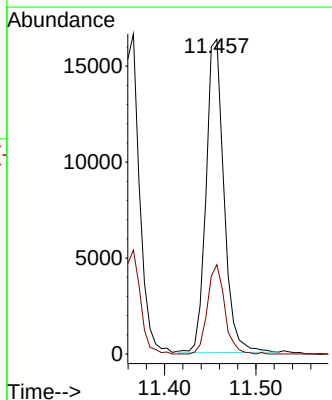
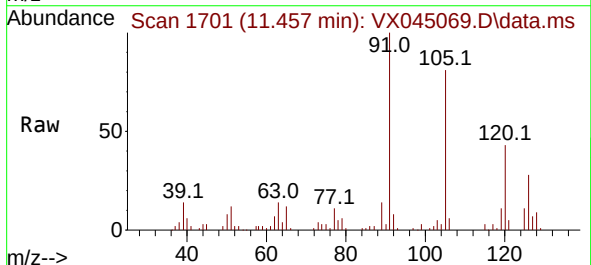
Manual Integrations  
APPROVED

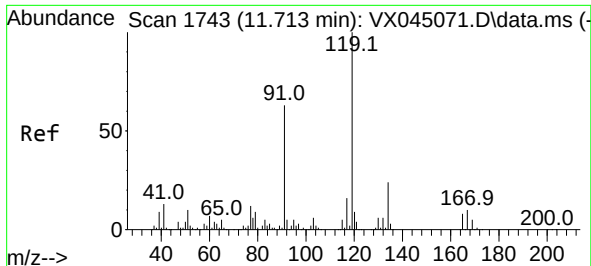
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#82  
4-Chlorotoluene  
Concen: 4.761 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

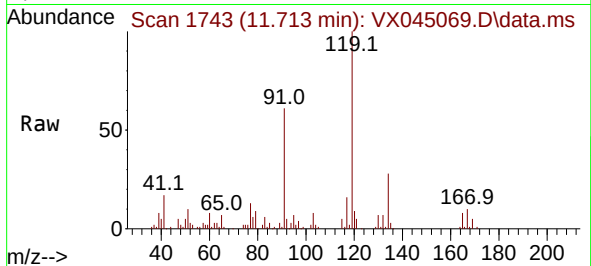
Tgt Ion: 91 Resp: 22190  
Ion Ratio Lower Upper  
91 100  
126 27.3 14.1 42.4





#83  
tert-Butylbenzene  
Concen: 4.910 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

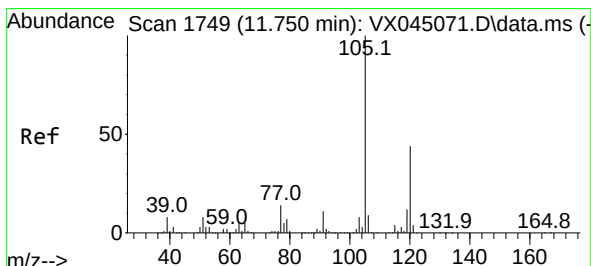
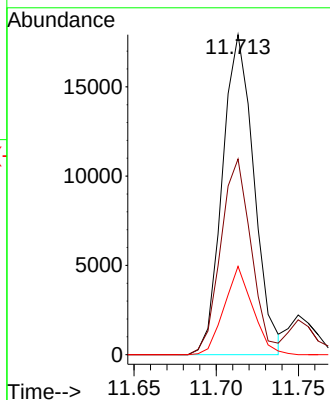
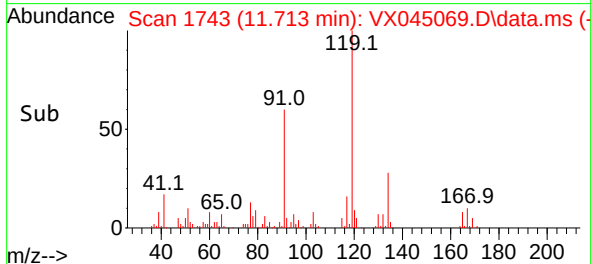
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



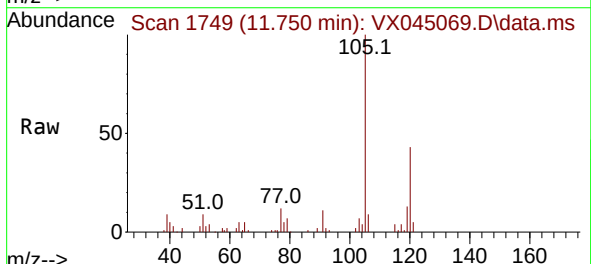
Tgt Ion:119 Resp: 23960  
Ion Ratio Lower Upper  
119 100  
91 59.5 30.7 92.1  
134 24.9 11.7 35.0

Manual Integrations  
APPROVED

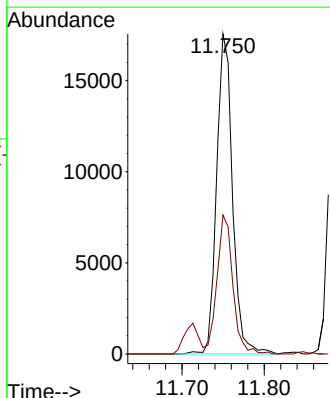
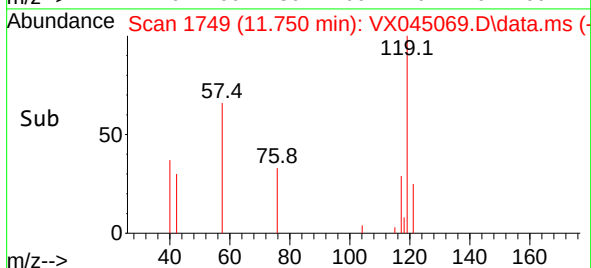
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025

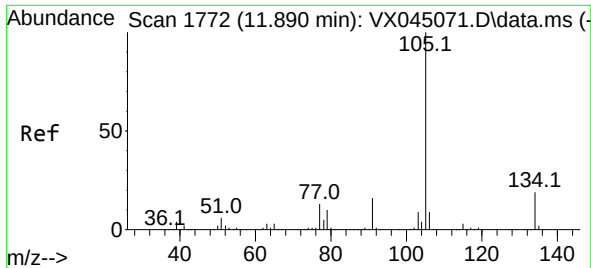


#84  
1,2,4-Trimethylbenzene  
Concen: 4.960 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



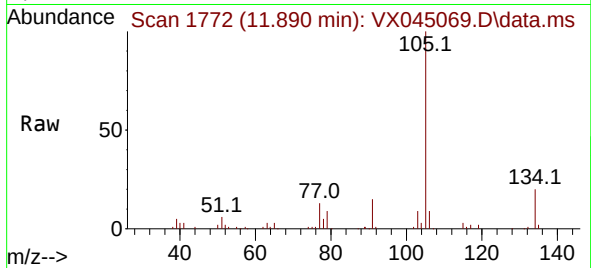
Tgt Ion:105 Resp: 23561  
Ion Ratio Lower Upper  
105 100  
120 43.4 22.1 66.1





#85  
 sec-Butylbenzene  
 Concen: 4.687 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13

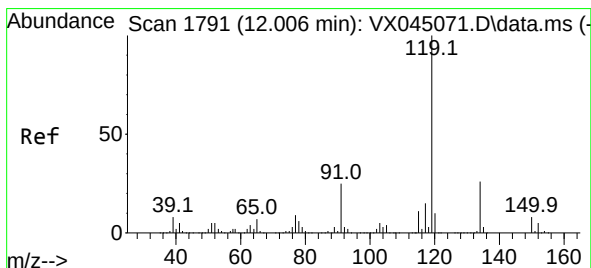
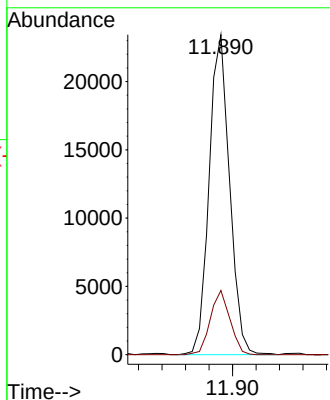
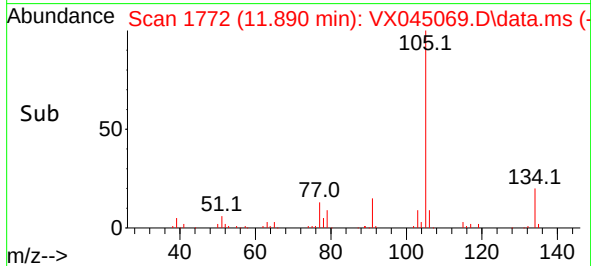
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC005



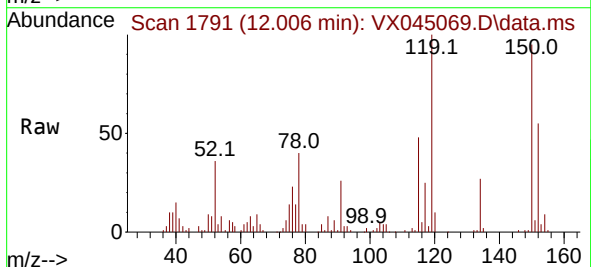
Tgt Ion:105 Resp: 28314  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4

Manual Integrations  
 APPROVED

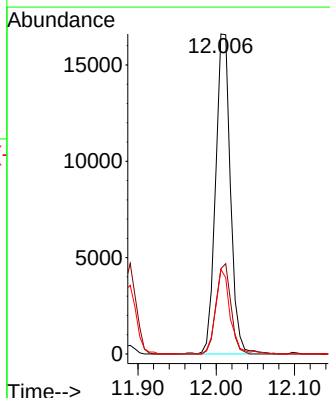
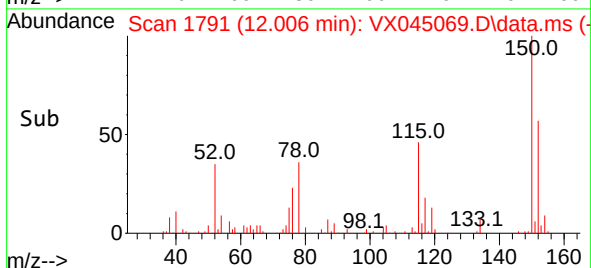
Reviewed By :John Carlone 02/28/2025  
 Supervised By :Mahesh Dadoda 02/28/2025

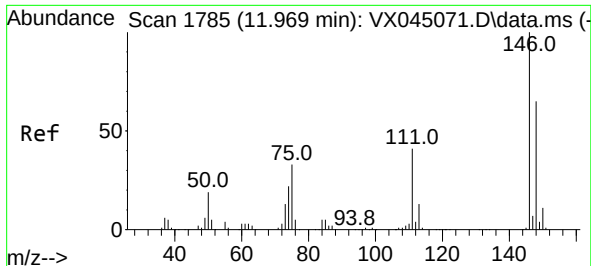


#86  
 p-Isopropyltoluene  
 Concen: 4.532 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. -0.000 min  
 Lab File: VX045069.D  
 Acq: 28 Feb 2025 02:13



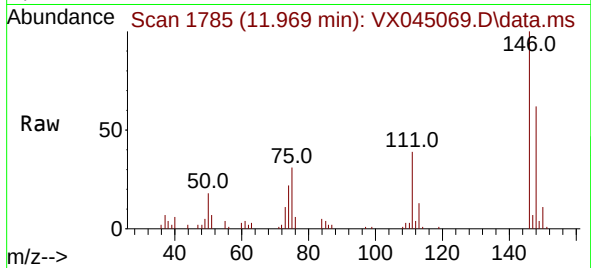
Tgt Ion:119 Resp: 21977  
 Ion Ratio Lower Upper  
 119 100  
 134 27.9 12.9 38.6  
 91 26.1 12.7 38.0





#87  
1,3-Dichlorobenzene  
Concen: 4.926 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

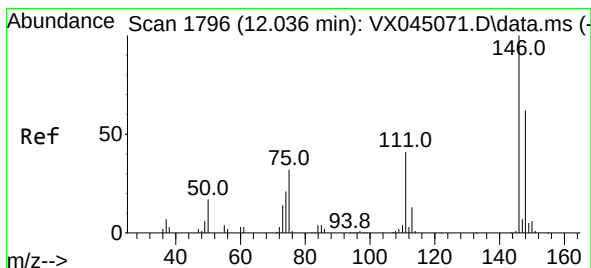
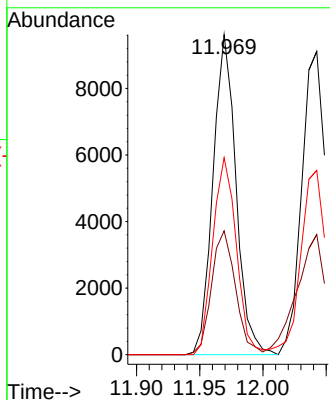
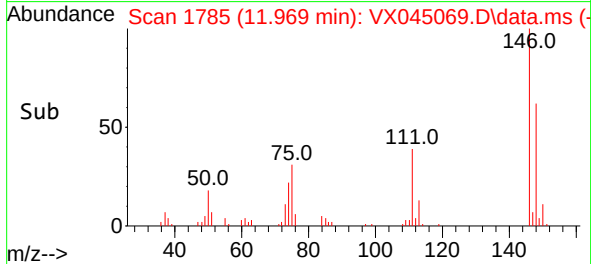
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



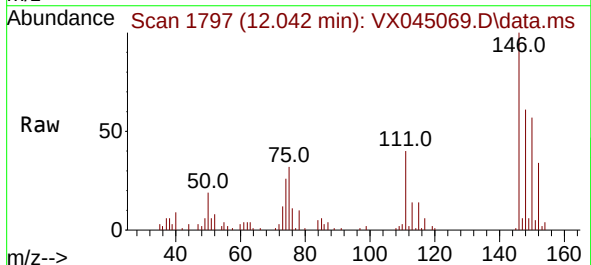
Tgt Ion:146 Resp: 1215  
Ion Ratio Lower Upper  
146 100  
111 40.5 21.1 63.4  
148 62.9 31.9 95.7

Manual Integrations  
APPROVED

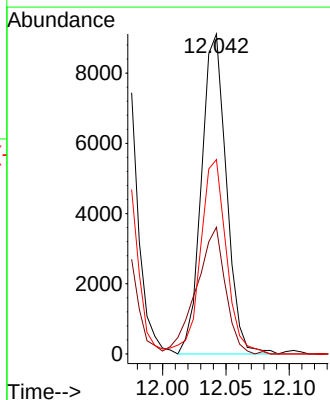
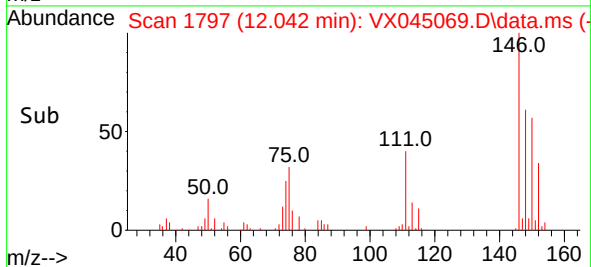
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



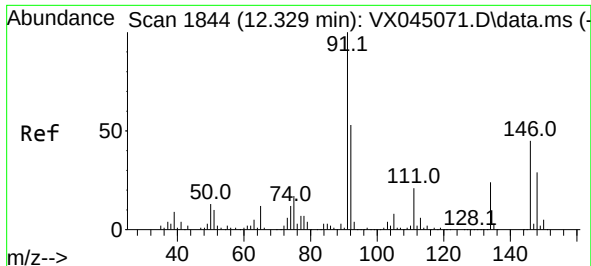
#88  
1,4-Dichlorobenzene  
Concen: 5.014 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



Tgt Ion:146 Resp: 12526  
Ion Ratio Lower Upper  
146 100  
111 46.2 20.2 60.5  
148 63.5 31.9 95.9







#89

n-Butylbenzene

Concen: 4.072 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC005

Tgt Ion: 91 Resp: 1735

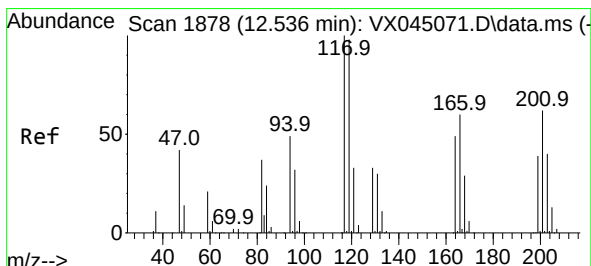
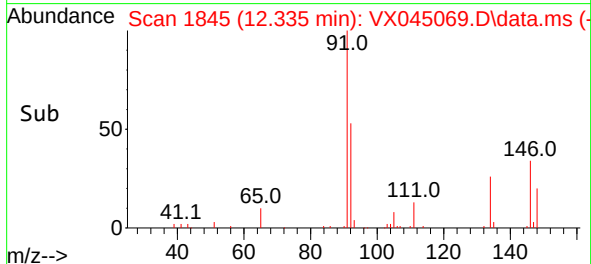
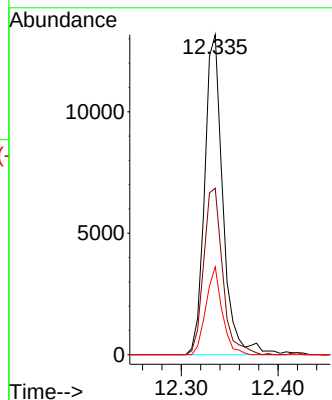
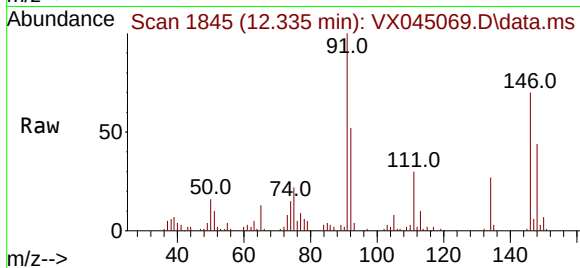
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 53.9  | 26.7  | 80.0  |
| 134 | 24.4  | 12.2  | 36.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#90

Hexachloroethane

Concen: 4.052 ug/l

RT: 12.536 min Scan# 1878

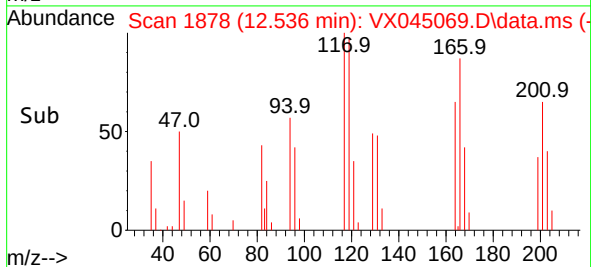
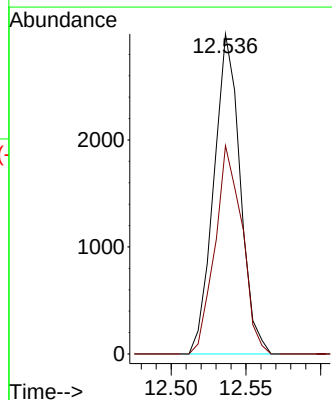
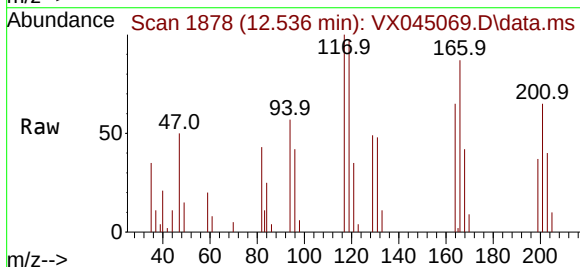
Delta R.T. -0.000 min

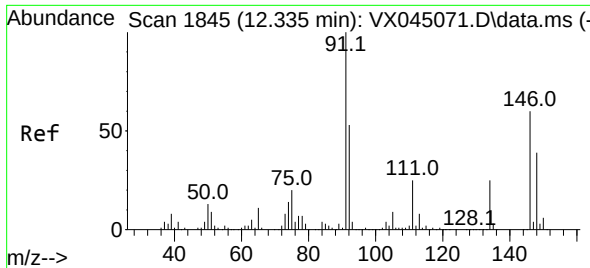
Lab File: VX045069.D

Acq: 28 Feb 2025 02:13

Tgt Ion:117 Resp: 3665

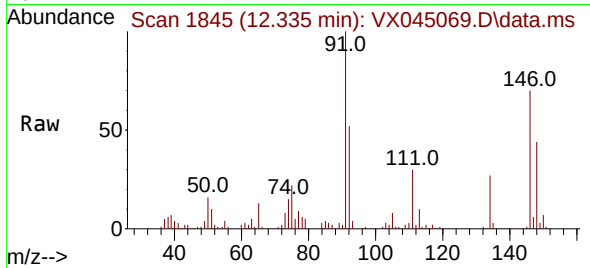
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 67.1  | 31.9  | 95.9  |





#91  
1,2-Dichlorobenzene  
Concen: 5.138 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

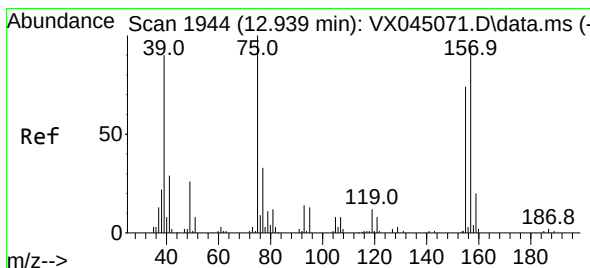
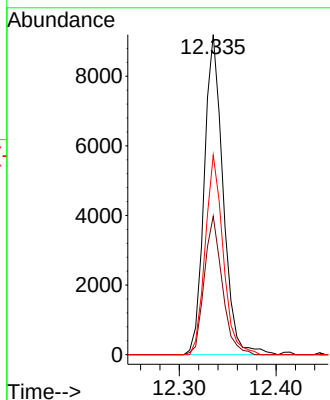
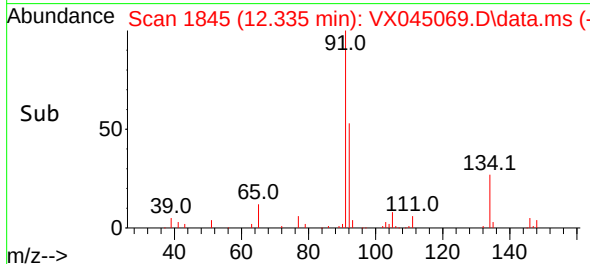
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005



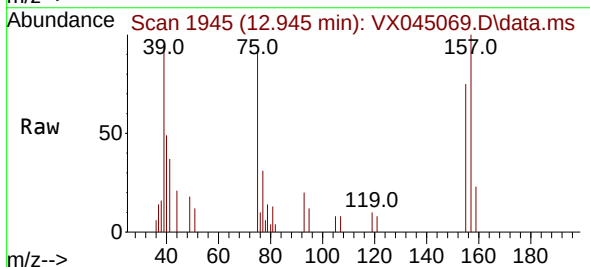
Tgt Ion:146 Resp: 1247  
Ion Ratio Lower Upper  
146 100  
111 41.2 21.6 65.0  
148 59.4 31.9 95.9

Manual Integrations  
APPROVED

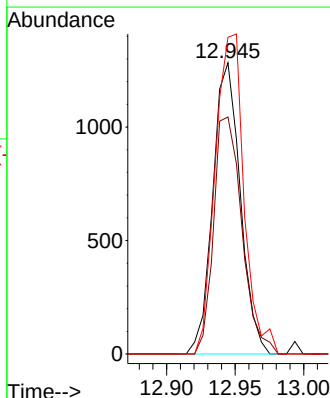
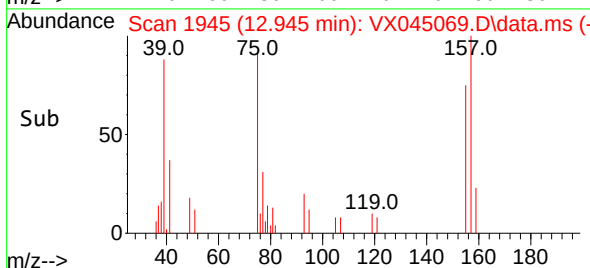
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025

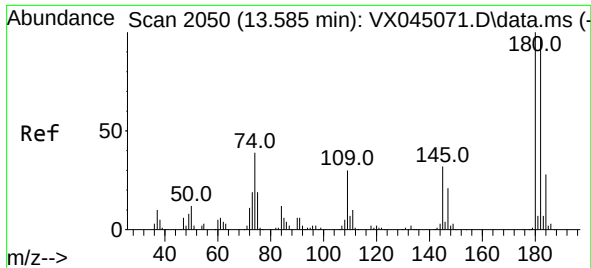


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.712 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13



Tgt Ion: 75 Resp: 1787  
Ion Ratio Lower Upper  
75 100  
155 83.8 39.6 118.7  
157 115.4 51.1 153.4





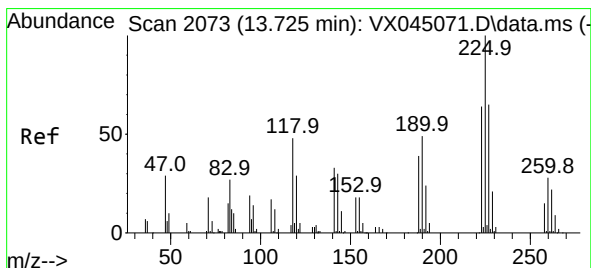
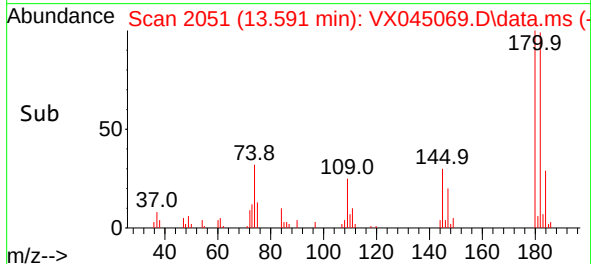
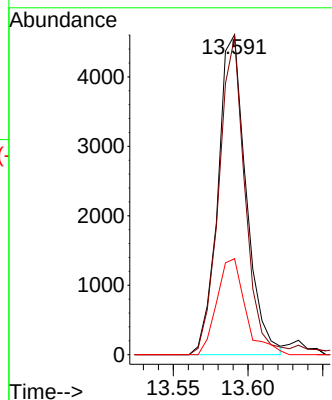
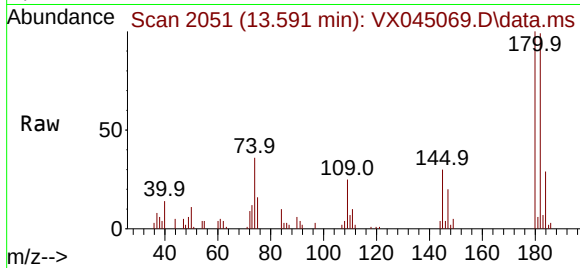
#93  
1,2,4-Trichlorobenzene  
Concen: 4.114 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC005

Tgt Ion:180 Resp: 6040  
Ion Ratio Lower Upper  
180 100  
182 92.4 47.3 141.9  
145 30.6 16.3 48.9

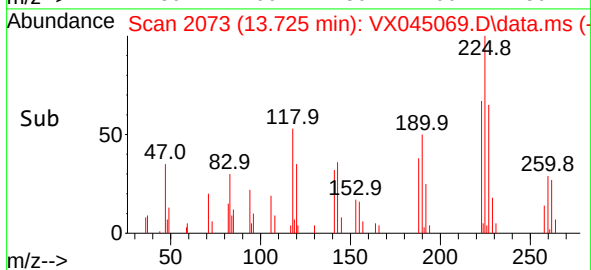
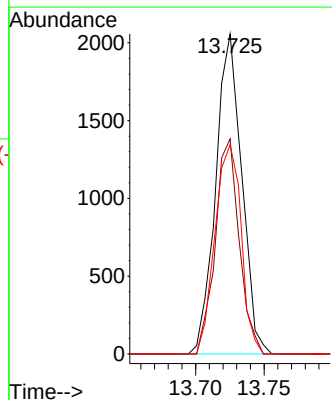
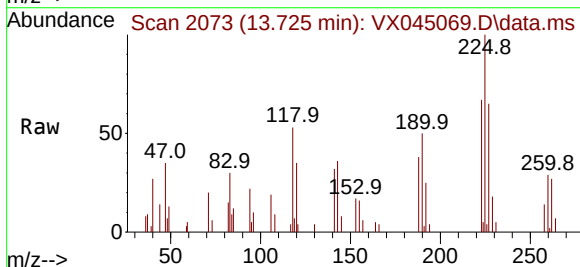
Manual Integrations  
APPROVED

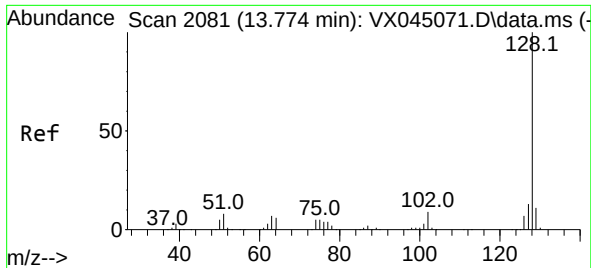
Reviewed By :John Carlone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#94  
Hexachlorobutadiene  
Concen: 4.640 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

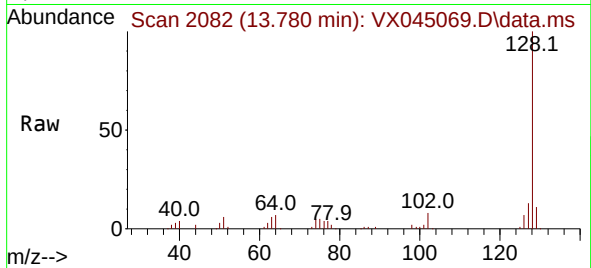
Tgt Ion:225 Resp: 2716  
Ion Ratio Lower Upper  
225 100  
223 61.8 31.9 95.7  
227 65.5 31.4 94.0





#95  
Naphthalene  
Concen: 4.287 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

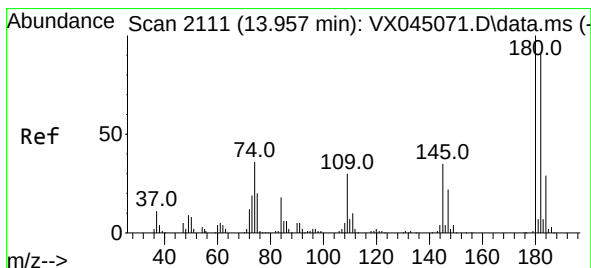
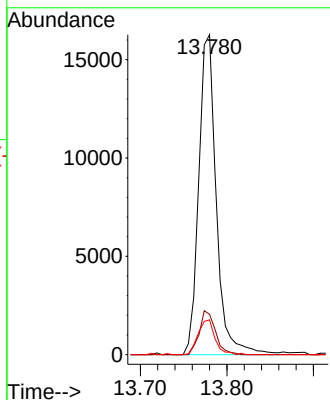
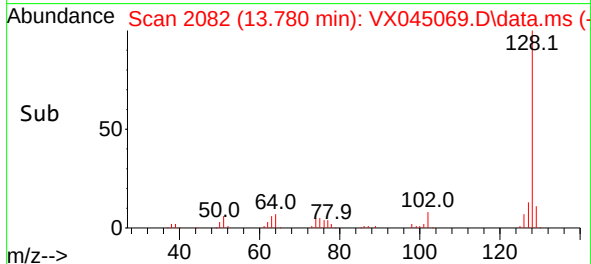
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC005



Tgt Ion:128 Resp: 2292  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.3 15.5  
129 10.6 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carbone 02/28/2025  
Supervised By :Mahesh Dadoda 02/28/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 4.437 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX045069.D  
Acq: 28 Feb 2025 02:13

Tgt Ion:180 Resp: 6600  
Ion Ratio Lower Upper  
180 100  
182 93.3 47.5 142.6  
145 32.6 17.0 50.9

