

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011425\  
 Data File : VN085441.D  
 Acq On : 14 Jan 2025 16:07  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Jan 15 01:44:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 01:28:51 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 01/15/2025  
 Supervised By : Mahesh Dadoda 01/15/2025

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 195889   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 340403   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 294508   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 132934   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.571  | 65    | 29856    | 9.442    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 18.880%# |
| 35) Dibromofluoromethane    | 8.165  | 113   | 21110    | 8.939    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 17.880%# |
| 50) Toluene-d8              | 10.565 | 98    | 73223    | 8.727    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 17.460%# |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 24327    | 8.476    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 16.960%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 26124  | 9.850  | ug/l   | 96  |
| 3) Chloromethane             | 2.359 | 50  | 27143  | 9.452  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 27862  | 9.653  | ug/l   | 100 |
| 5) Bromomethane              | 2.965 | 94  | 17139  | 9.830  | ug/l   | 87  |
| 6) Chloroethane              | 3.130 | 64  | 16791  | 9.175  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 40755  | 9.731  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.953 | 74  | 12415  | 8.581  | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 22982  | 9.742  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.589 | 142 | 25085  | 9.286  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.512 | 59  | 17962  | 49.608 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 20615  | 9.806  | ug/l   | 99  |
| 13) Acrolein                 | 4.177 | 56  | 25568  | 51.729 | ug/l   | 99  |
| 14) Allyl chloride           | 5.018 | 41  | 32240  | 9.451  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.712 | 53  | 53959  | 46.918 | ug/l   | 98  |
| 16) Acetone                  | 4.424 | 43  | 48475  | 47.446 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.712 | 76  | 60201  | 9.300  | ug/l # | 94  |
| 18) Methyl Acetate           | 5.030 | 43  | 30500  | 9.817  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.789 | 73  | 65207  | 9.552  | ug/l   | 91  |
| 20) Methylene Chloride       | 5.277 | 84  | 23723  | 9.379  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 21127  | 9.403  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.671 | 45  | 71857  | 9.490  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 250575 | 47.125 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 43099  | 9.335  | ug/l   | 95  |
| 25) 2-Butanone               | 7.477 | 43  | 71191  | 47.350 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.483 | 77  | 36105  | 9.672  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.489 | 96  | 25049  | 9.466  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.806 | 49  | 19037  | 8.863  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.836 | 42  | 45641  | 47.881 | ug/l   | 98  |
| 30) Chloroform               | 7.965 | 83  | 45792  | 9.596  | ug/l   | 100 |
| 31) Cyclohexane              | 8.253 | 56  | 40211  | 10.020 | ug/l # | 93  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 39170  | 9.358  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 30015  | 9.056  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.559 | 43  | 30760  | 9.195  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 36015  | 9.492  | ug/l   | 94  |
| 39) Methylcyclohexane        | 9.594 | 83  | 27721  | 8.900  | ug/l   | 95  |
| 40) Benzene                  | 8.600 | 78  | 93680  | 9.407  | ug/l   | 96  |

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 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Jan 15 01:44:05 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 01:28:51 2025  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/15/2025  
 Supervised By : Mahesh Dadoda 01/15/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 16859    | 9.686   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 35569    | 9.483   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 48926    | 9.127   | ug/l   | 99       |
| 44) Trichloroethene           | 9.347  | 130  | 21113    | 9.108   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 22747    | 8.942   | ug/l   | 97       |
| 46) Dibromomethane            | 9.706  | 93   | 17260    | 9.404   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.883  | 83   | 35020    | 9.365   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.677  | 41   | 21873    | 9.067   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 7734     | 190.382 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 146990   | 47.254  | ug/l   | 98       |
| 52) Toluene                   | 10.630 | 92   | 54976    | 9.527   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 32780    | 9.276   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 35904    | 9.512   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 21060    | 9.222   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 28454    | 9.042   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 37768    | 9.512   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 63110    | 43.550  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 101318   | 46.291  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.353 | 129  | 25029    | 9.079   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 21055    | 9.263   | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.100 | 164  | 19934    | 9.928   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 61680    | 9.560   | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 21853    | 9.229   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.959 | 91   | 99248    | 9.445   | ug/l   | 97       |
| 68) m/p-Xylenes               | 12.065 | 106  | 72431    | 18.650  | ug/l   | 99       |
| 69) o-Xylene                  | 12.394 | 106  | 34382    | 9.264   | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 56285    | 9.163   | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 16071    | 9.485   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.694 | 105  | 87003    | 9.697   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 37343    | 9.260   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 30770    | 9.709   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 25443m   | 9.432   | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 22784    | 9.720   | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 102262   | 9.628   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 68346    | 9.943   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 71656    | 9.669   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 9236     | 9.248   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 66773    | 9.756   | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 59455    | 9.553   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 72046    | 9.754   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 83662    | 9.699   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 67556    | 9.674   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 41843    | 9.693   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 42728    | 9.549   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 57632    | 9.314   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.329 | 117  | 15261    | 9.294   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 40726    | 9.458   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 5639     | 9.744   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 18720    | 9.354   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 10491    | 9.874   | ug/l   | 98       |
| 95) Naphthalene               | 15.635 | 128  | 52054    | 8.717   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 19450    | 9.605   | ug/l   | 96       |

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Operator : JC\MD  
Sample : VSTDICC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

Quant Time: Jan 15 01:44:05 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 01:28:51 2025  
Response via : Initial Calibration

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

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

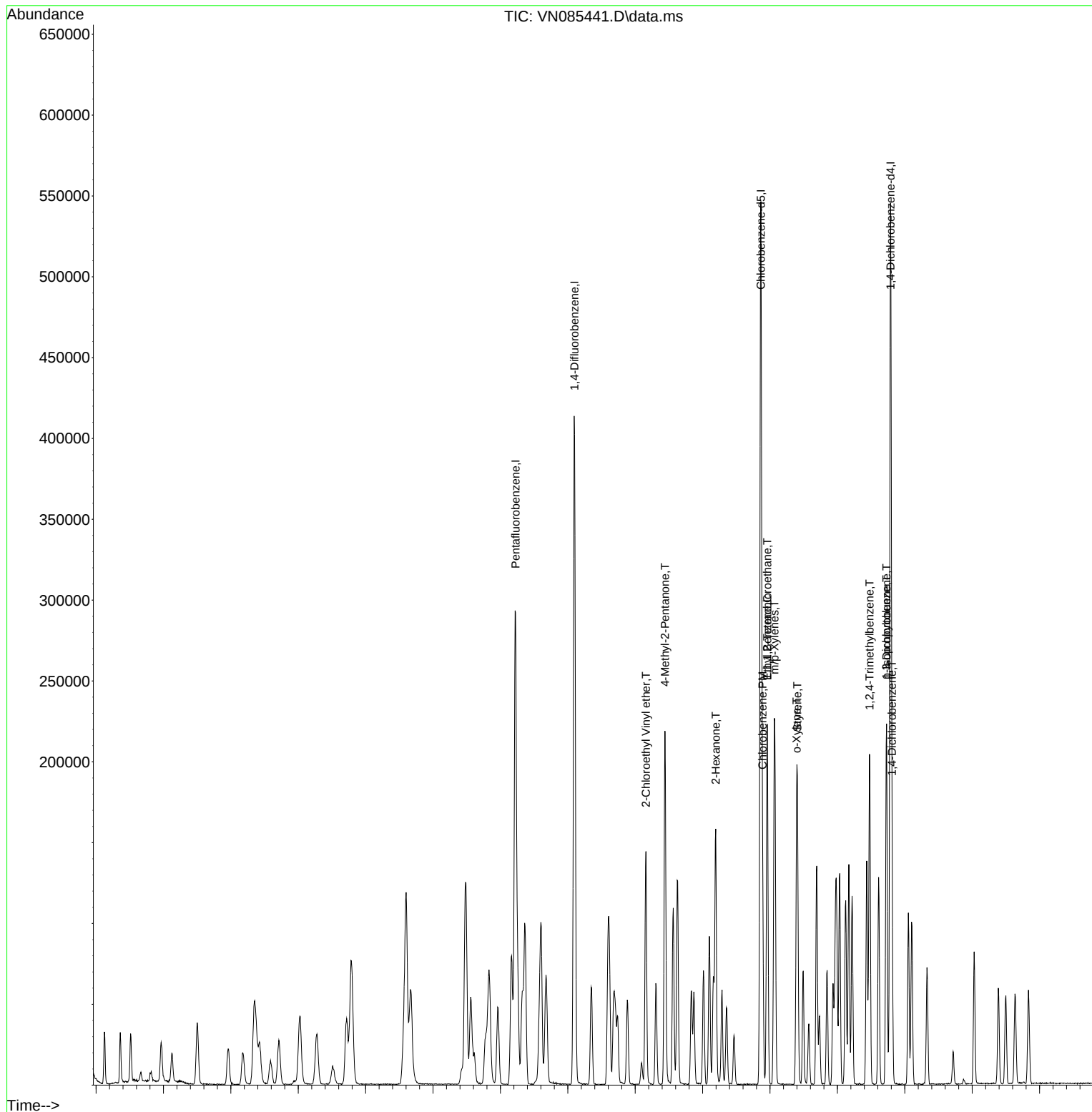
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Data File : VN085441.D  
Acq On : 14 Jan 2025 16:07  
Operator : JC\MD  
Sample : VSTDIC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

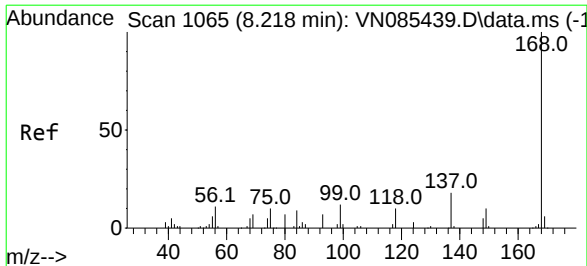
Instrument :  
MSVOA\_N  
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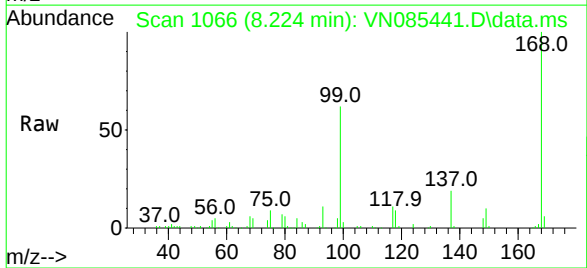
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

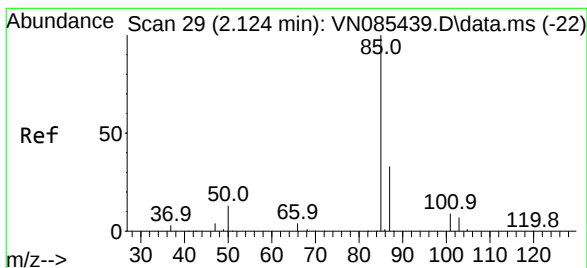
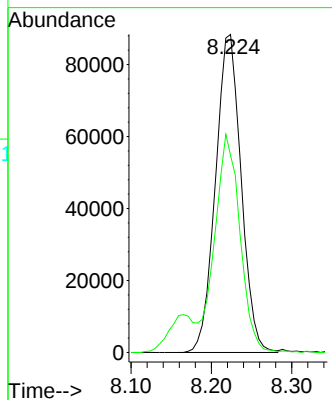
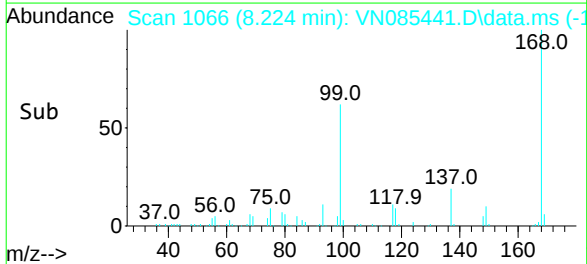
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



Tgt Ion: 168 Resp: 195889  
Ion Ratio Lower Upper  
168 100  
99 61.7 53.6 80.4

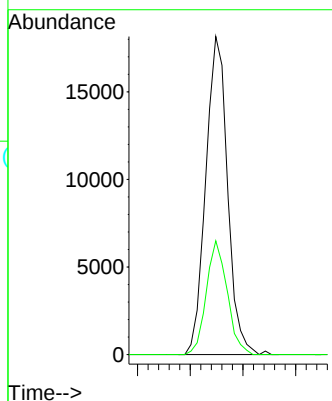
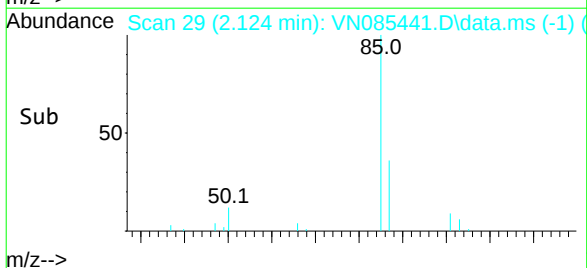
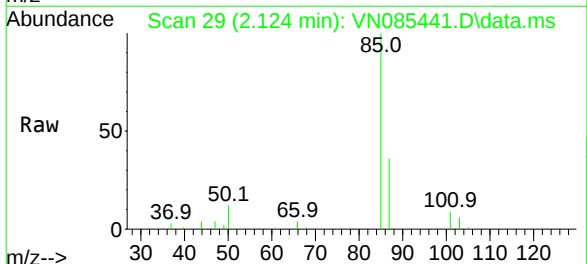
Manual Integrations  
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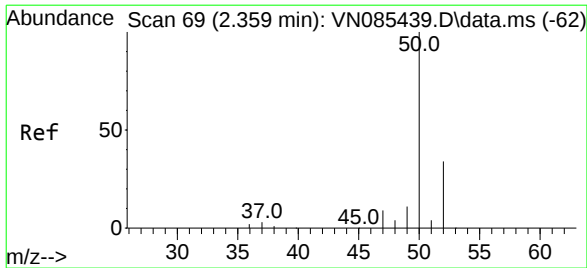
Reviewed By : John Carlone 01/15/2025  
Supervised By : Mahesh Dadoda 01/15/2025



#2  
Dichlorodifluoromethane  
Concen: 9.850 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

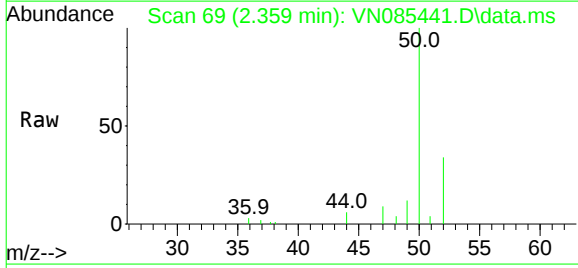
Tgt Ion: 85 Resp: 26124  
Ion Ratio Lower Upper  
85 100  
87 35.8 16.7 50.1





#3  
Chloromethane  
Concen: 9.452 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

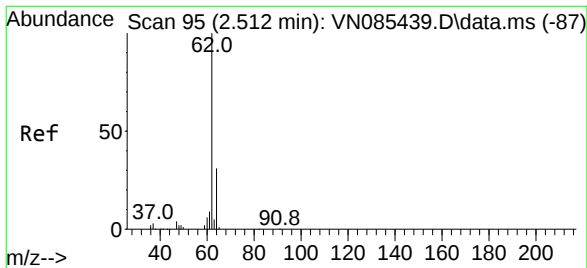
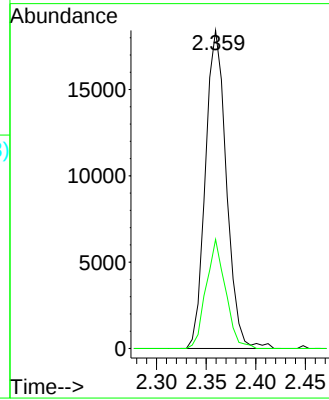
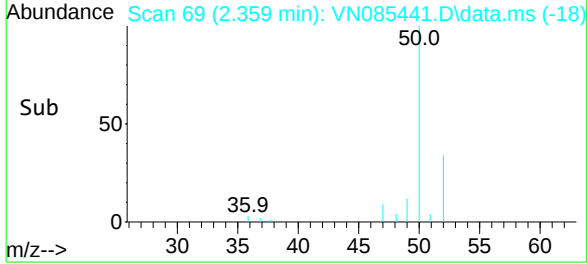
Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 50 Resp: 27143  
Ion Ratio Lower Upper  
50 100  
52 34.3 27.0 40.6

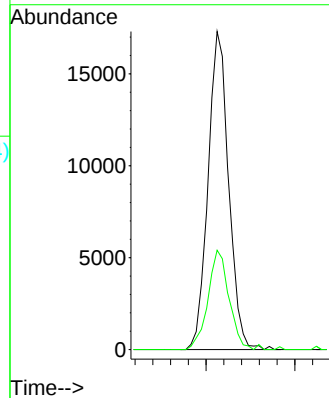
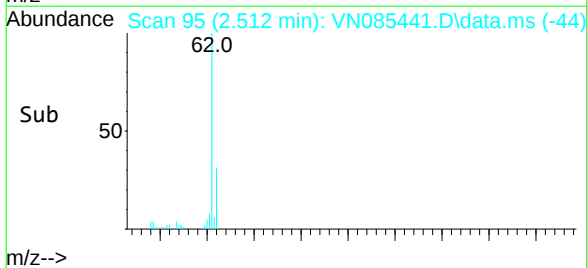
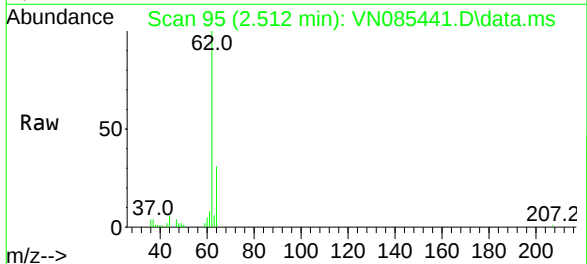
Manual Integrations  
APPROVED

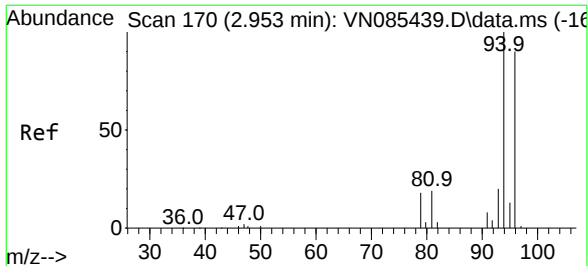
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#4  
Vinyl Chloride  
Concen: 9.653 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 62 Resp: 27862  
Ion Ratio Lower Upper  
62 100  
64 31.2 24.8 37.2





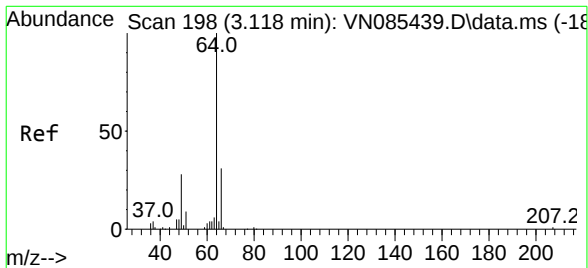
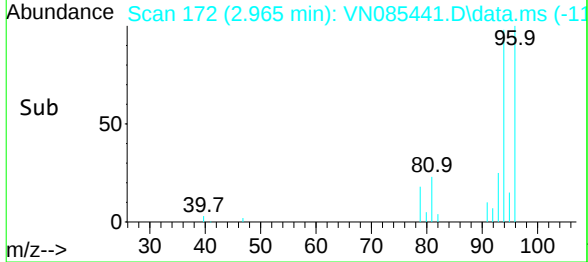
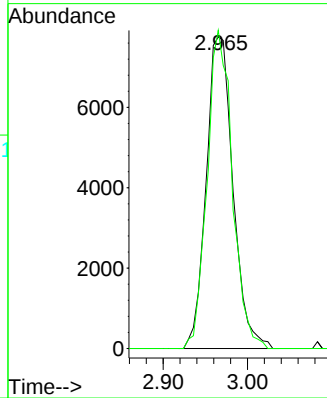
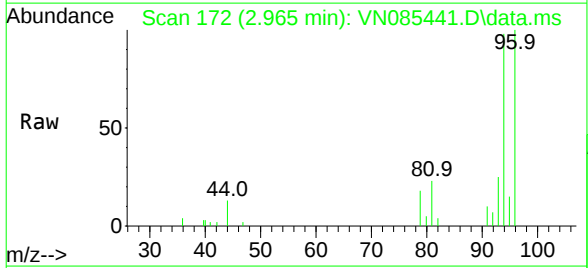
#5  
Bromomethane  
Concen: 9.830 ug/l  
RT: 2.965 min Scan# 171  
Delta R.T. 0.012 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 94 Resp: 17139  
Ion Ratio Lower Upper  
94 100  
96 102.1 71.8 107.6

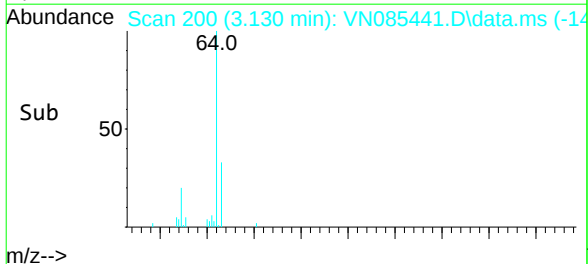
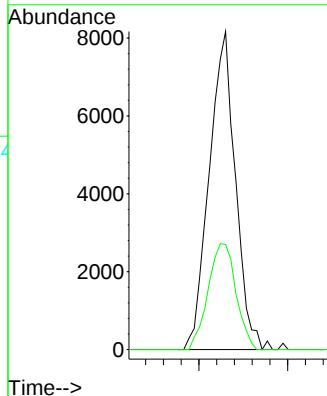
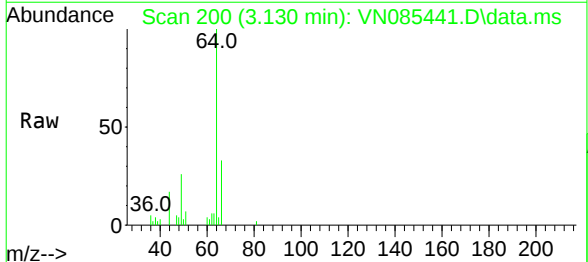
Manual Integrations  
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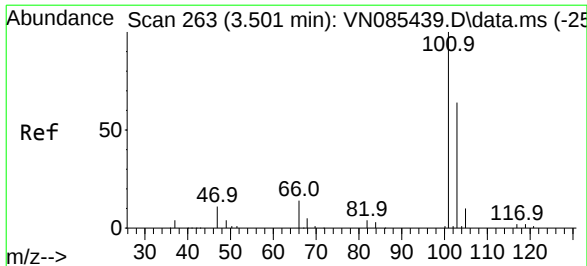
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#6  
Chloroethane  
Concen: 9.175 ug/l  
RT: 3.130 min Scan# 200  
Delta R.T. 0.012 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

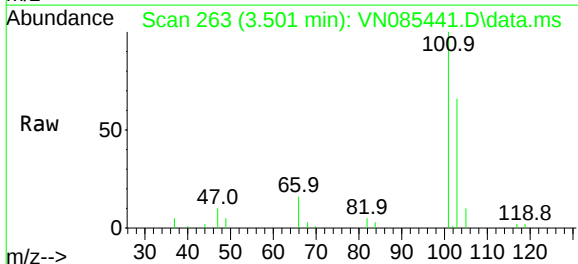
Tgt Ion: 64 Resp: 16791  
Ion Ratio Lower Upper  
64 100  
66 33.1 24.6 36.8





#7  
 Trichlorofluoromethane  
 Concen: 9.731 ug/l  
 RT: 3.501 min Scan# 263  
 Delta R.T. 0.000 min  
 Lab File: VN085441.D  
 Acq: 14 Jan 2025 16:07

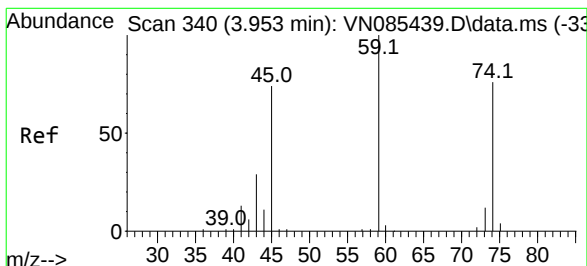
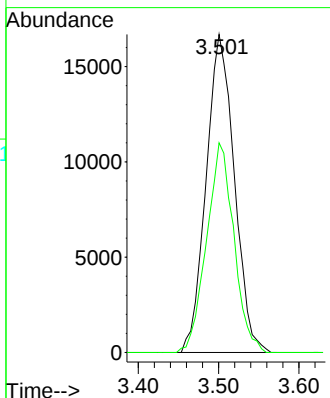
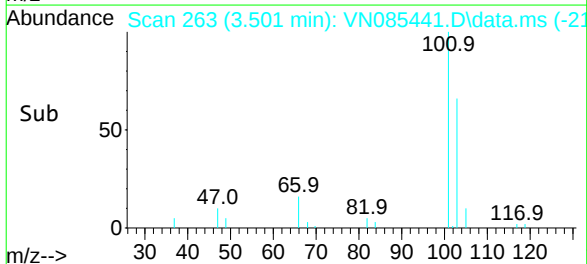
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010



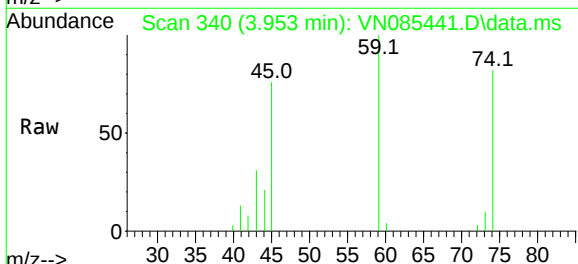
Tgt Ion: 101 Resp: 40755  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 51.4 77.2

Manual Integrations  
 APPROVED

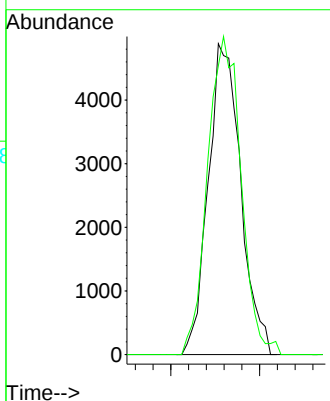
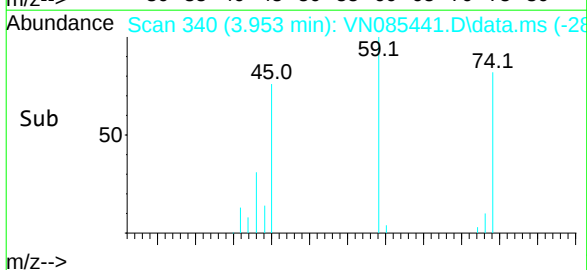
Reviewed By : John Carlone 01/15/2025  
 Supervised By : Mahesh Dadoda 01/15/2025

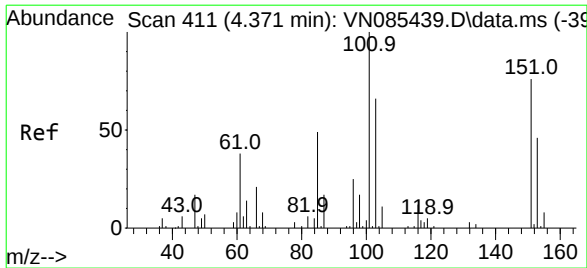


#8  
 Diethyl Ether  
 Concen: 8.581 ug/l  
 RT: 3.953 min Scan# 340  
 Delta R.T. 0.000 min  
 Lab File: VN085441.D  
 Acq: 14 Jan 2025 16:07



Tgt Ion: 74 Resp: 12415  
 Ion Ratio Lower Upper  
 74 100  
 45 105.3 49.7 149.1





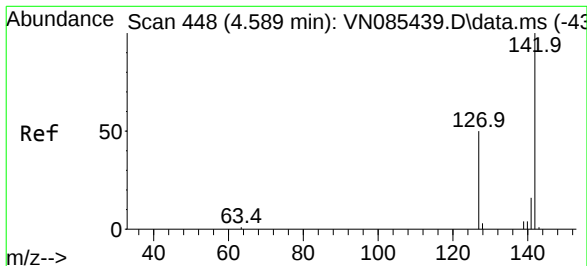
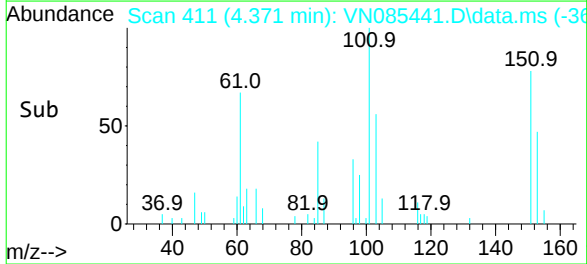
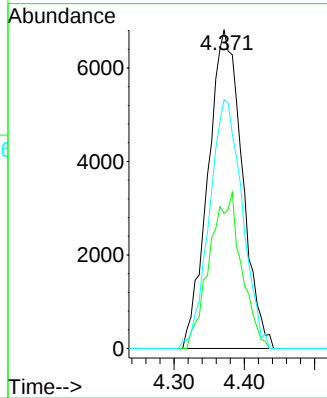
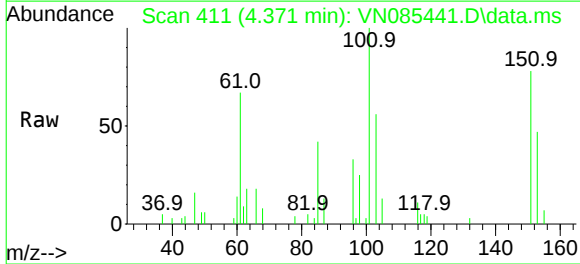
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 9.742 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:101 Resp: 22982  
Ion Ratio Lower Upper  
101 100  
85 45.8 37.8 56.8  
151 75.2 58.8 88.2

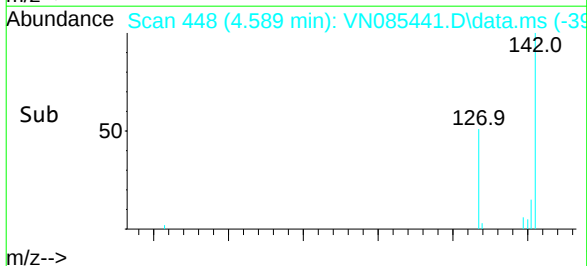
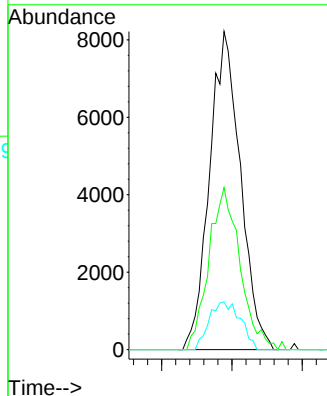
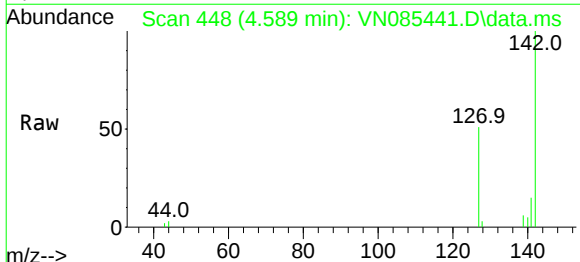
Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#10  
Methyl Iodide  
Concen: 9.286 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:142 Resp: 25085  
Ion Ratio Lower Upper  
142 100  
127 50.9 40.3 60.5  
141 15.0 12.8 19.2





#11

Tert butyl alcohol

Concen: 49.608 ug/l

RT: 5.512 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion: 59 Resp: 17962

Ion Ratio Lower Upper

59 100

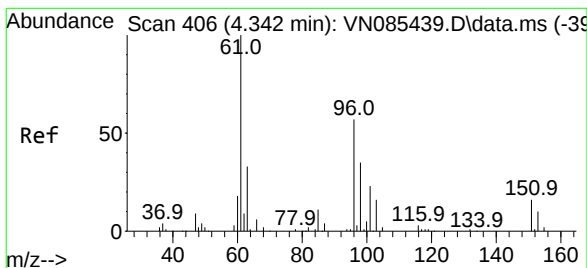
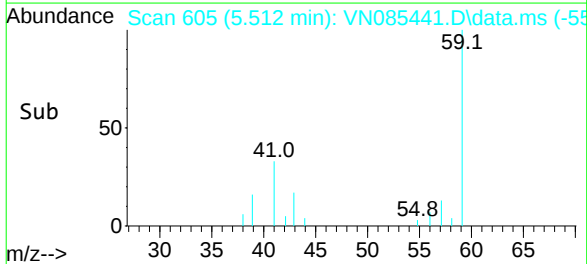
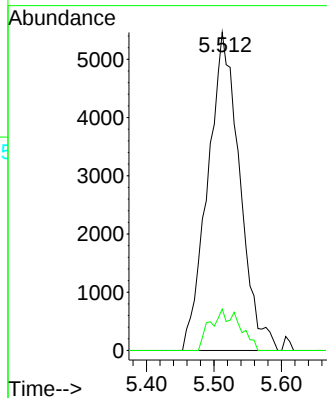
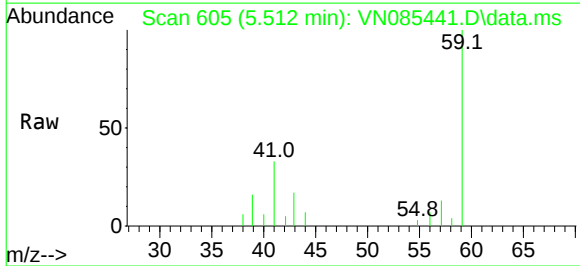
57 11.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#12

1,1-Dichloroethene

Concen: 9.806 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

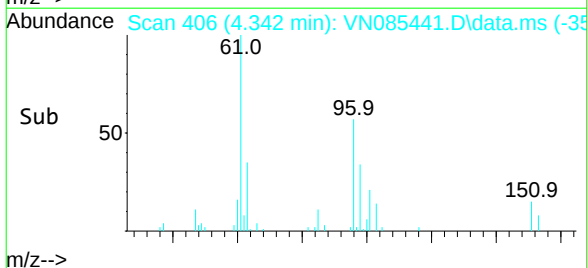
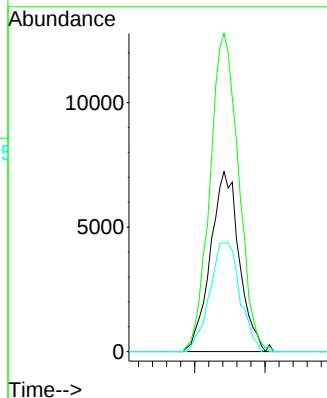
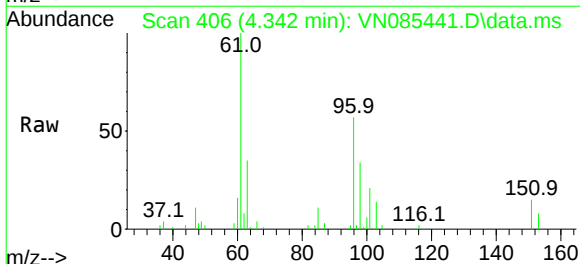
Tgt Ion: 96 Resp: 20615

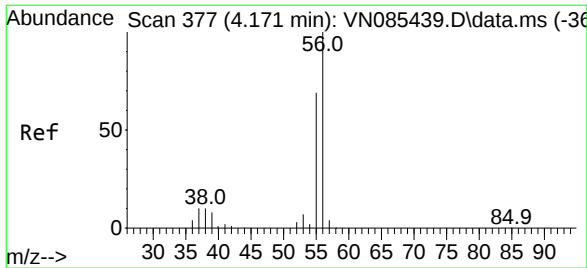
Ion Ratio Lower Upper

96 100

61 176.8 141.0 211.4

98 60.5 49.0 73.6





#13

Acrolein

Concen: 51.729 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 25568

Ion Ratio Lower Upper

56 100

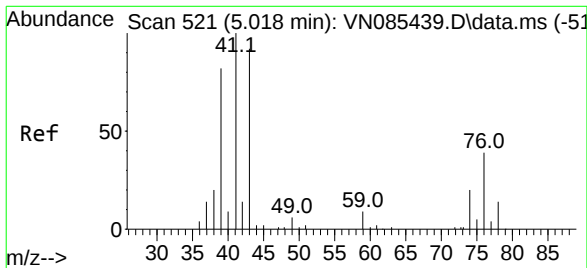
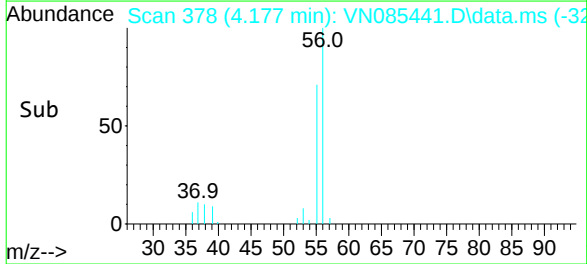
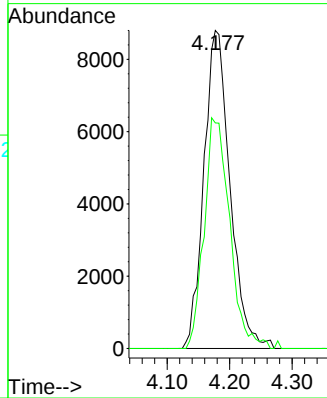
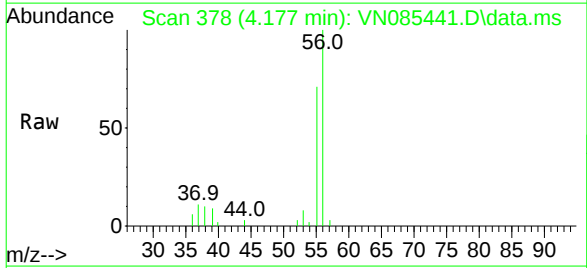
55 70.9 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#14

Allyl chloride

Concen: 9.451 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

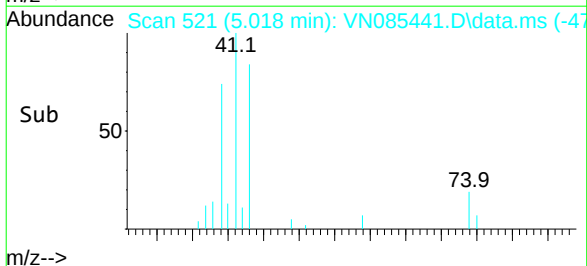
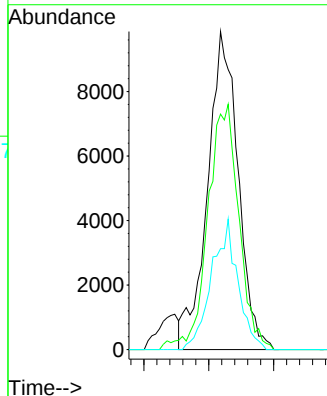
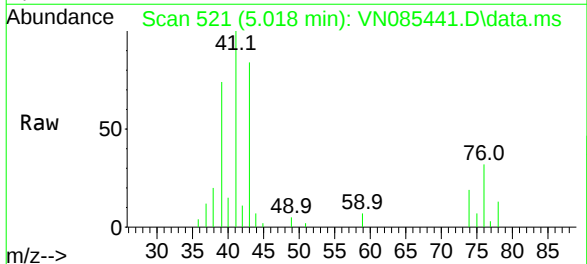
Tgt Ion: 41 Resp: 32240

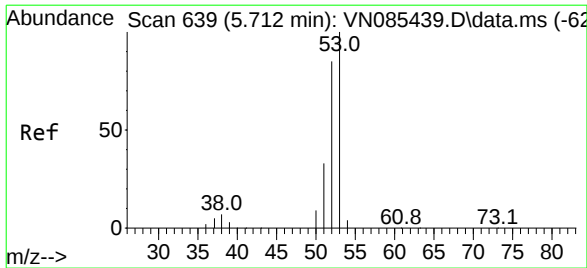
Ion Ratio Lower Upper

41 100

39 78.3 64.4 96.6

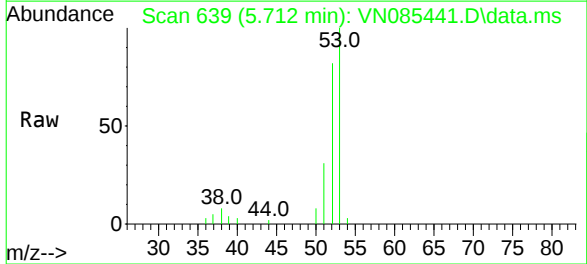
76 35.1 30.5 45.7





#15  
Acrylonitrile  
Concen: 46.918 ug/l  
RT: 5.712 min Scan# 639  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

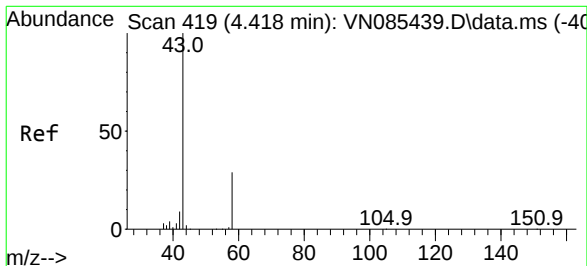
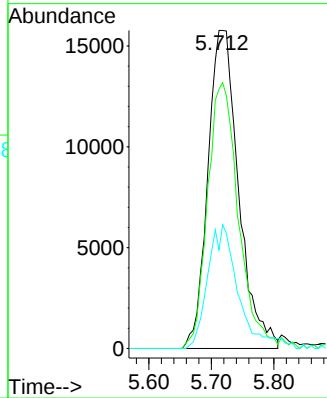
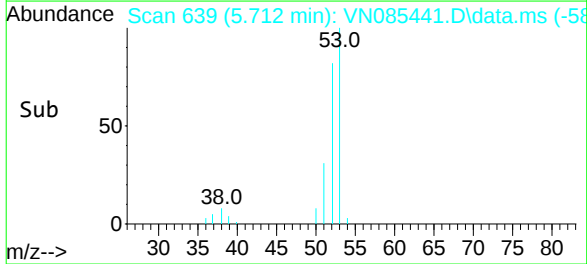
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



Tgt Ion: 53 Resp: 53959  
Ion Ratio Lower Upper  
53 100  
52 83.3 65.5 98.3  
51 38.8 29.8 44.8

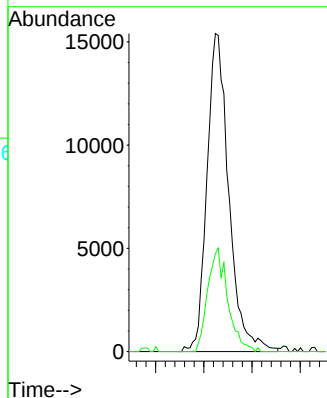
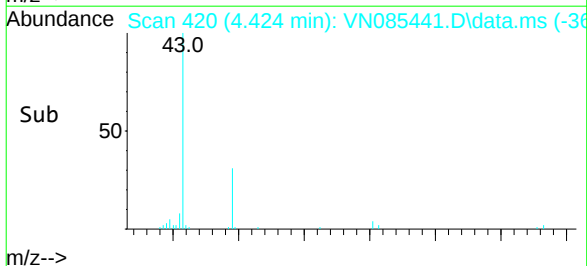
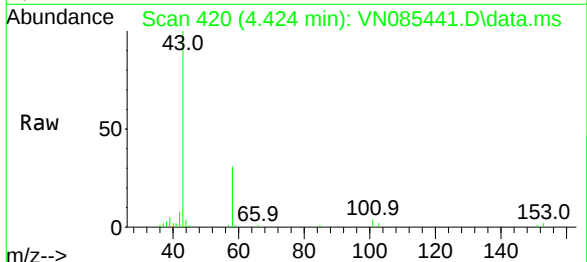
Manual Integrations  
APPROVED

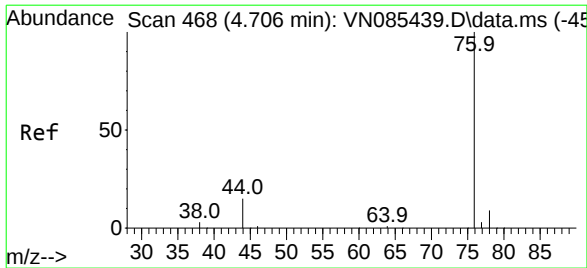
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#16  
Acetone  
Concen: 47.446 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 43 Resp: 48475  
Ion Ratio Lower Upper  
43 100  
58 30.8 23.8 35.6





#17

Carbon Disulfide

Concen: 9.300 ug/l

RT: 4.712 min Scan# 46

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 60201

Ion Ratio Lower Upper

76 100

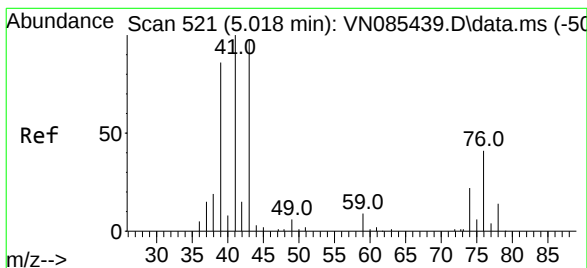
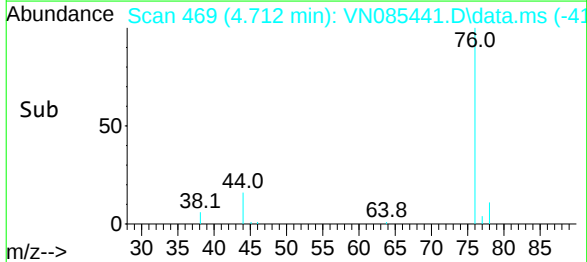
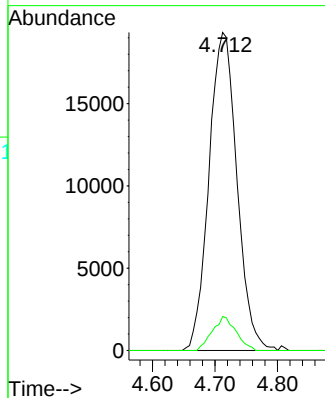
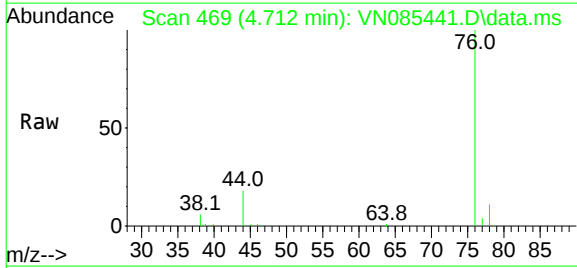
78 10.7 6.9 10.3#

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#18

Methyl Acetate

Concen: 9.817 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN085441.D

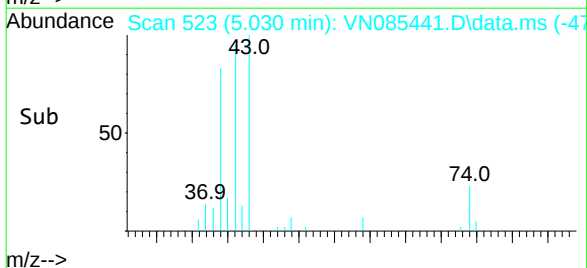
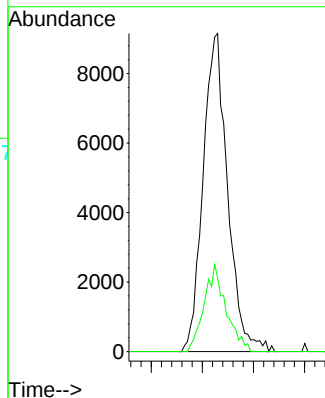
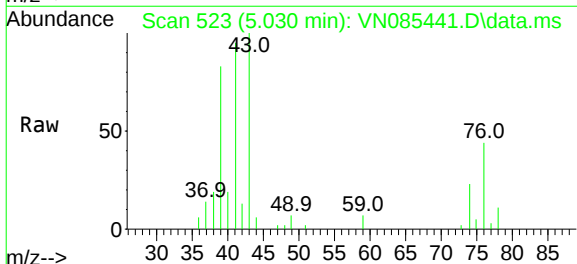
Acq: 14 Jan 2025 16:07

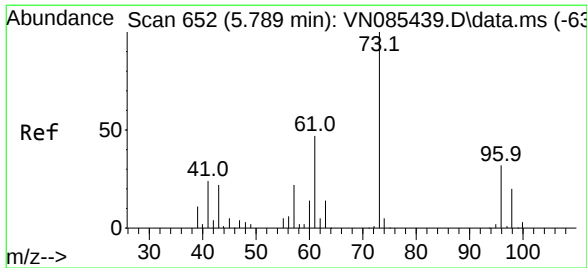
Tgt Ion: 43 Resp: 30500

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 9.552 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

Tgt Ion: 73 Resp: 65207

Ion Ratio Lower Upper

73 100

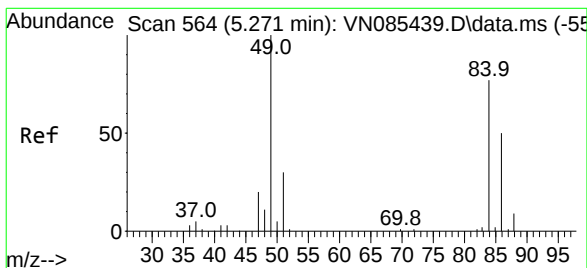
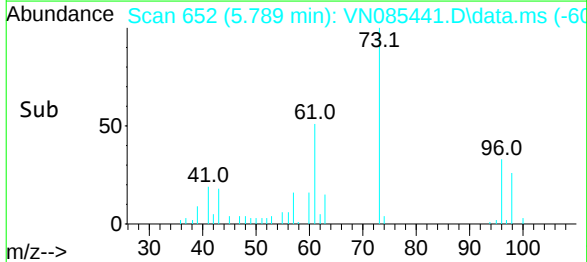
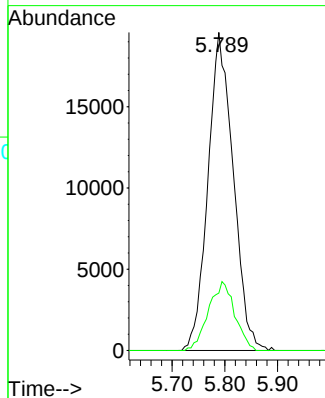
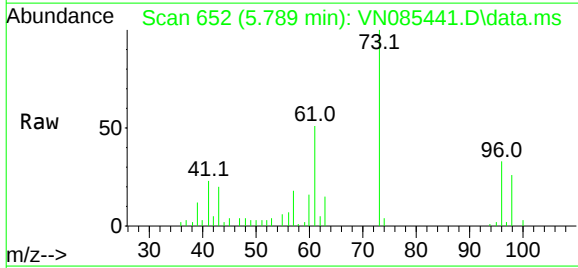
57 18.1 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#20

Methylene Chloride

Concen: 9.379 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Tgt Ion: 84 Resp: 23723

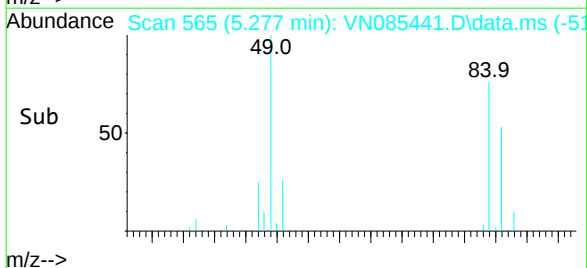
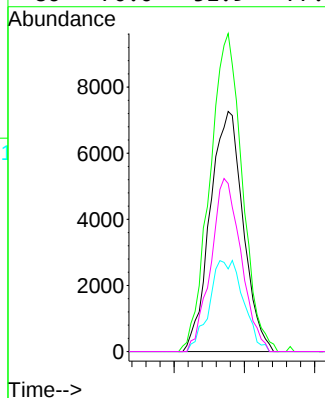
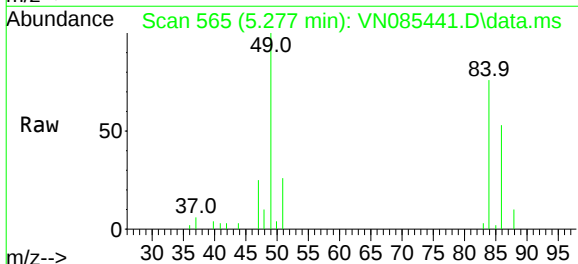
Ion Ratio Lower Upper

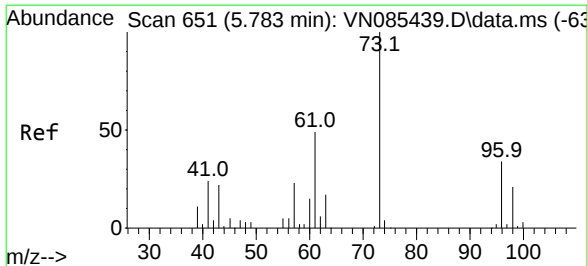
84 100

49 132.4 104.1 156.1

51 34.4 31.0 46.4

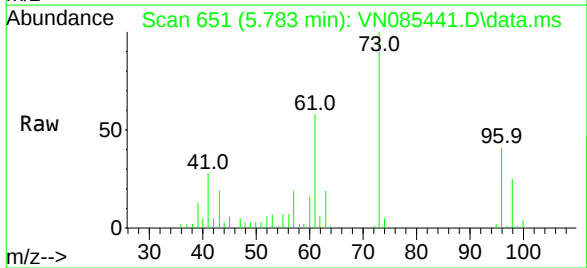
86 70.0 51.9 77.9





#21  
trans-1,2-Dichloroethene  
Concen: 9.403 ug/l  
RT: 5.783 min Scan# 651  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

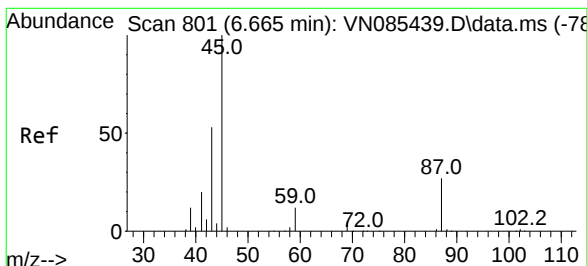
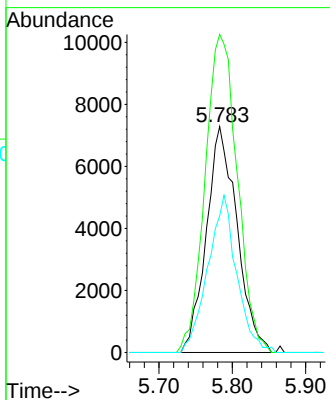
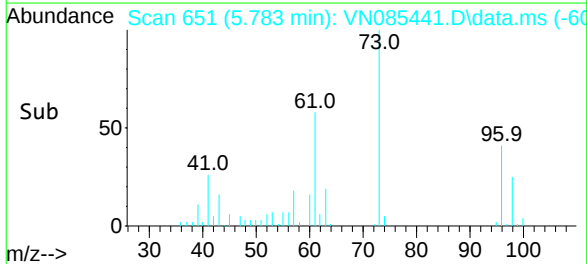
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



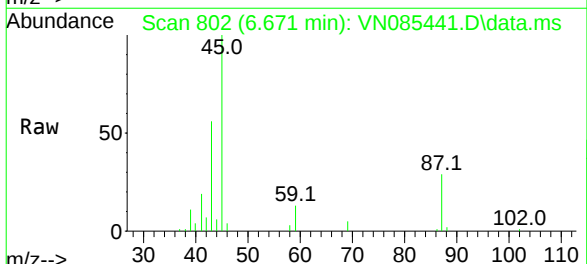
| Tgt Ion: | 96    | Resp: | 21127 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 140.8 | 115.7 | 173.5 |
| 98       | 60.5  | 49.8  | 74.8  |

Manual Integrations  
APPROVED

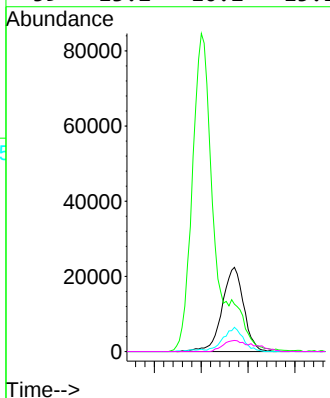
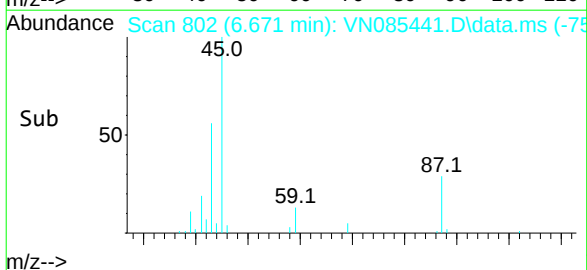
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

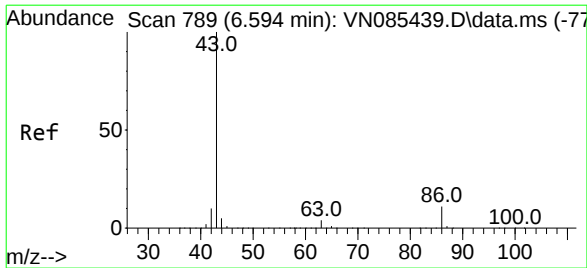


#22  
Diisopropyl ether  
Concen: 9.490 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07



| Tgt Ion: | 45    | Resp: | 71857 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 53.2  | 45.0  | 67.6  |
| 87       | 28.8  | 21.8  | 32.8  |
| 59       | 13.2  | 10.2  | 15.2  |





#23

Vinyl Acetate

Concen: 47.125 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 250575

Ion Ratio Lower Upper

43 100

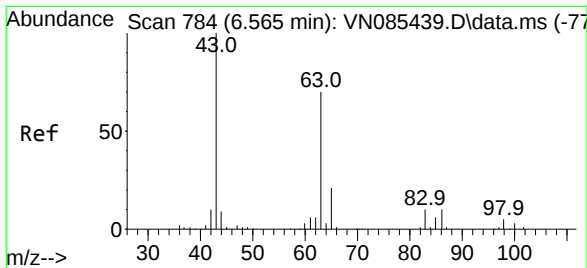
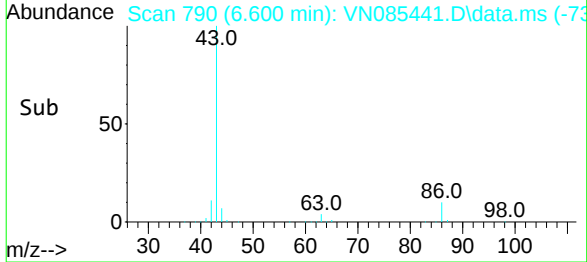
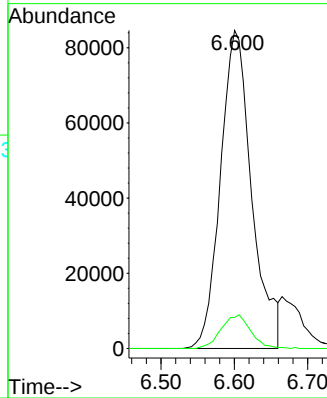
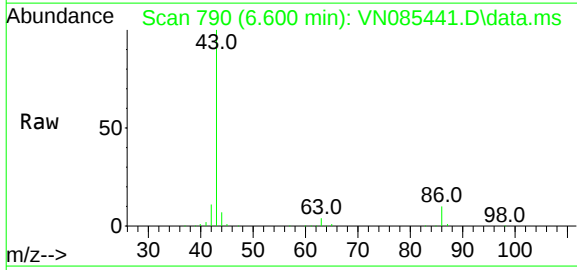
86 9.8 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#24

1,1-Dichloroethane

Concen: 9.335 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

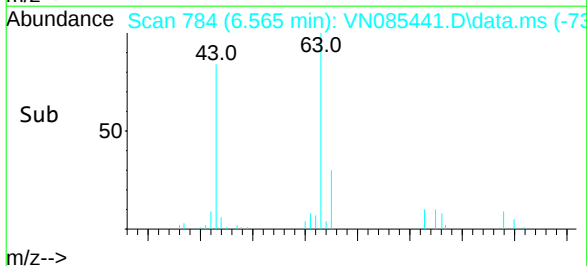
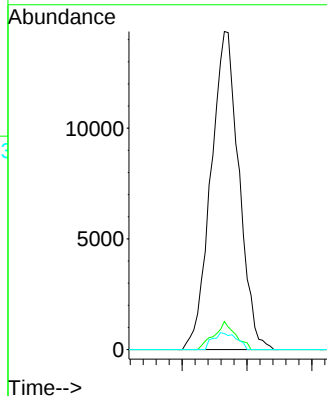
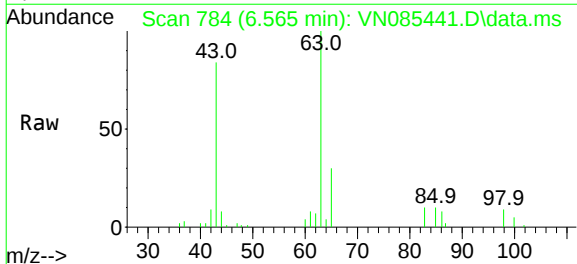
Tgt Ion: 63 Resp: 43099

Ion Ratio Lower Upper

63 100

98 8.8 3.3 9.8

100 5.0 2.0 6.0





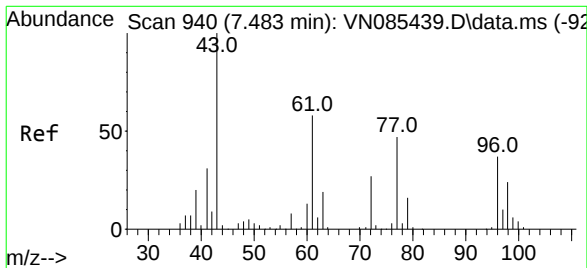
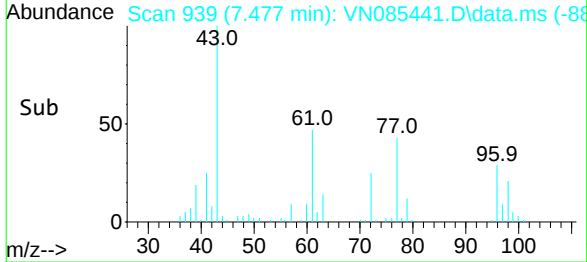
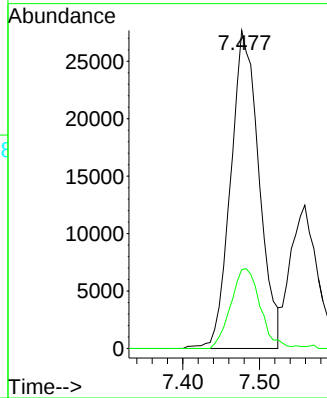
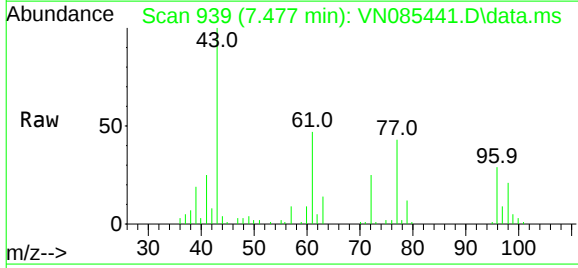
#25  
2-Butanone  
Concen: 47.350 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 43 Resp: 71191  
Ion Ratio Lower Upper  
43 100  
72 24.8 20.2 30.4

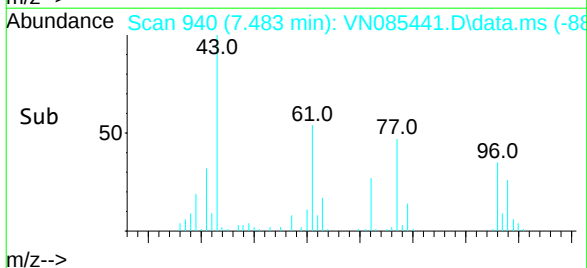
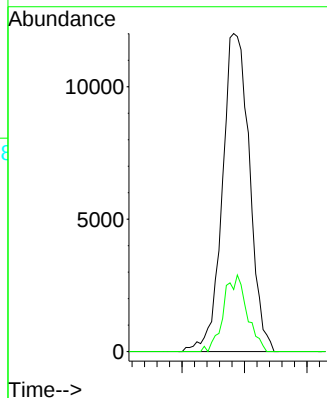
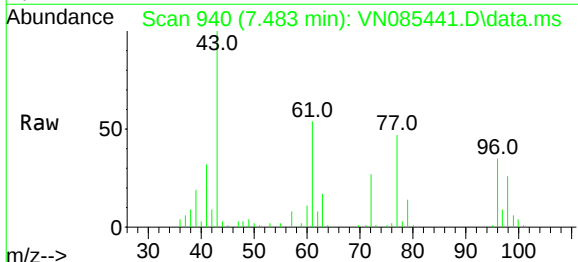
Manual Integrations  
APPROVED

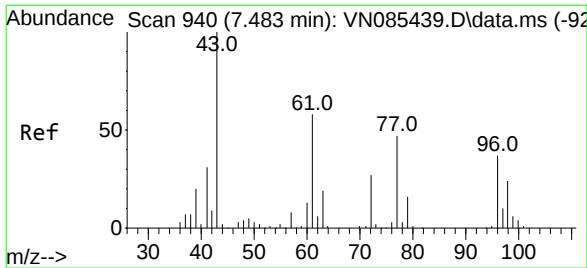
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#26  
2,2-Dichloropropane  
Concen: 9.672 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 77 Resp: 36105  
Ion Ratio Lower Upper  
77 100  
97 20.8 10.7 32.1





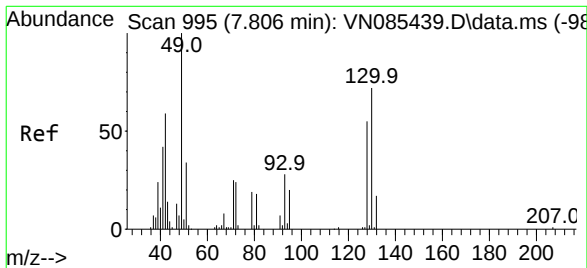
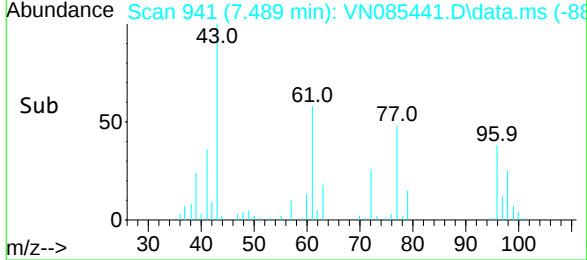
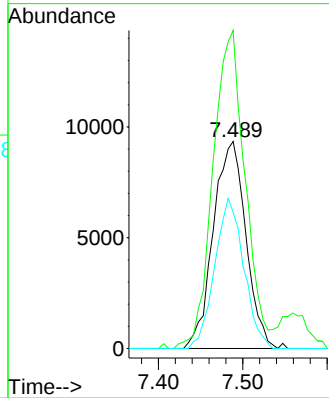
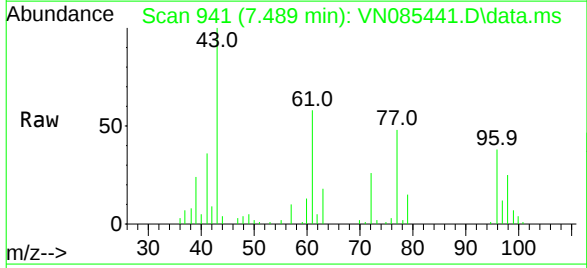
#27  
 cis-1,2-Dichloroethene  
 Concen: 9.466 ug/l  
 RT: 7.489 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085441.D  
 Acq: 14 Jan 2025 16:07

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 25049 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 151.8    | 0.0 311.8   |
| 98 64.7     | 0.0 126.0   |

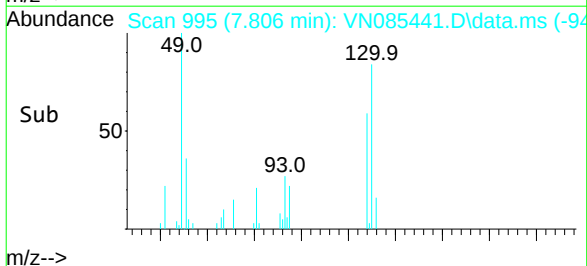
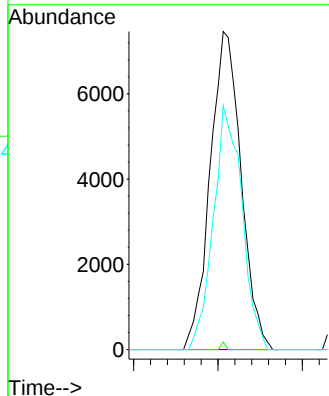
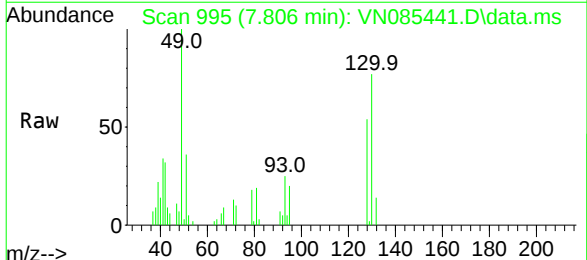
Manual Integrations  
 APPROVED

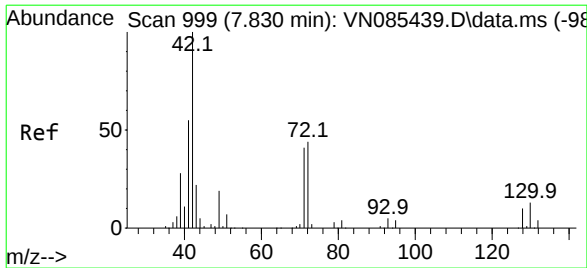
Reviewed By :John Carlone 01/15/2025  
 Supervised By :Mahesh Dadoda 01/15/2025



#28  
 Bromochloromethane  
 Concen: 8.863 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. 0.000 min  
 Lab File: VN085441.D  
 Acq: 14 Jan 2025 16:07

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 19037 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 0.3     | 0.0 4.4     |
| 130 70.8    | 55.0 82.4   |





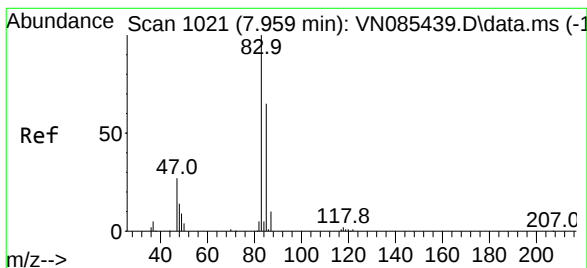
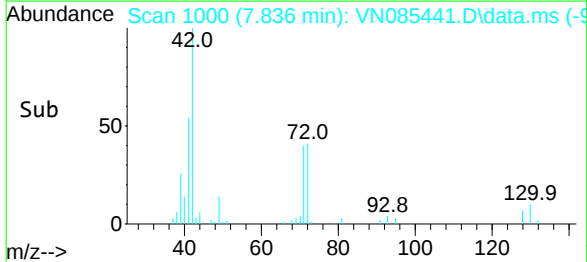
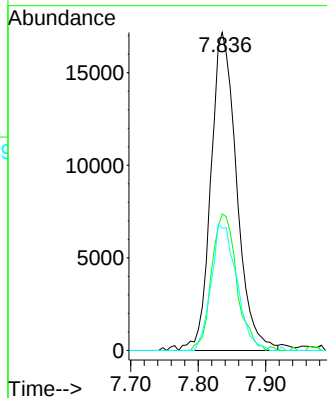
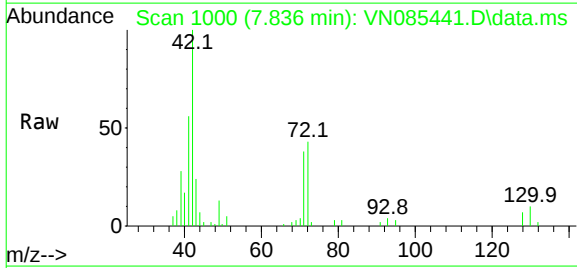
#29  
Tetrahydrofuran  
Concen: 47.881 ug/l  
RT: 7.836 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 42 Resp: 45641  
Ion Ratio Lower Upper  
42 100  
72 41.6 34.2 51.2  
71 39.2 32.5 48.7

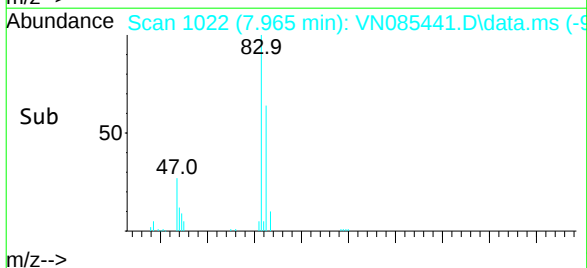
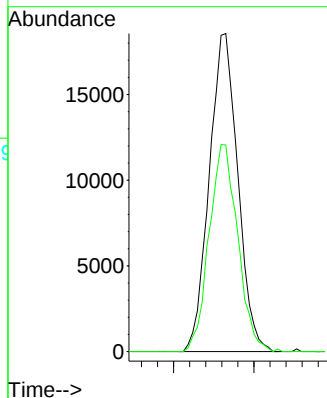
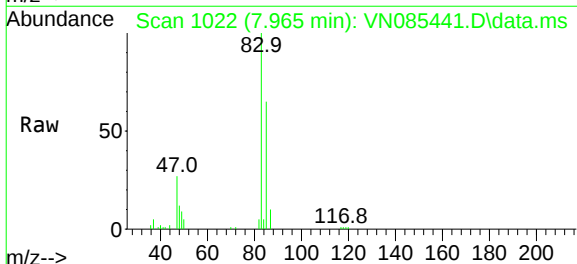
Manual Integrations  
APPROVED

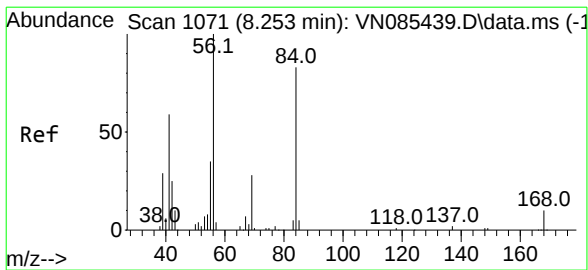
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#30  
Chloroform  
Concen: 9.596 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

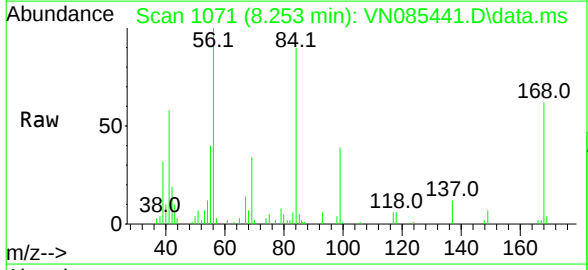
Tgt Ion: 83 Resp: 45792  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.8 77.6





#31  
Cyclohexane  
Concen: 10.020 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

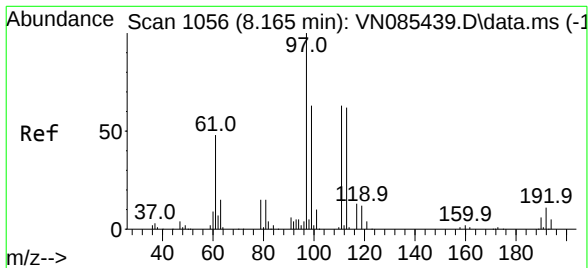
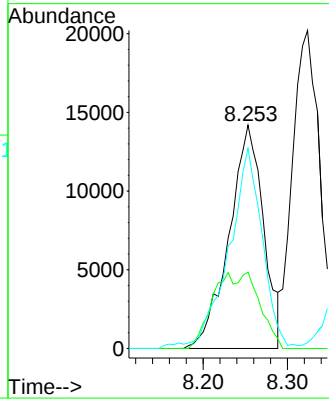
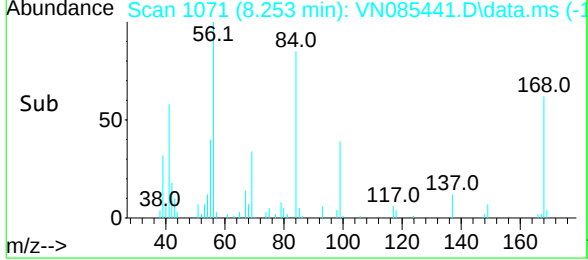
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 40211 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 34.2  | 22.2  | 33.4  |
| 84       | 87.2  | 66.4  | 99.6  |

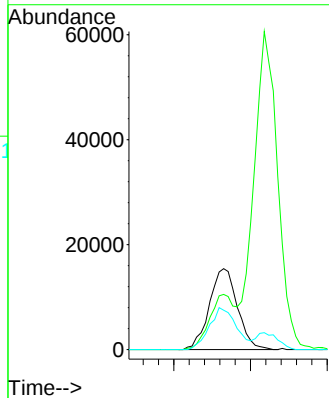
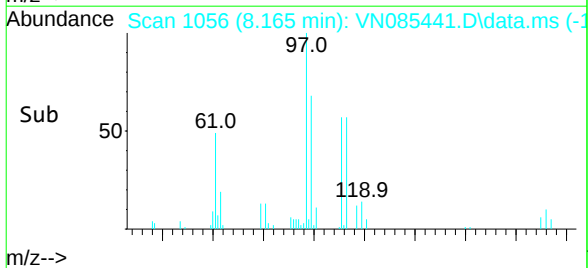
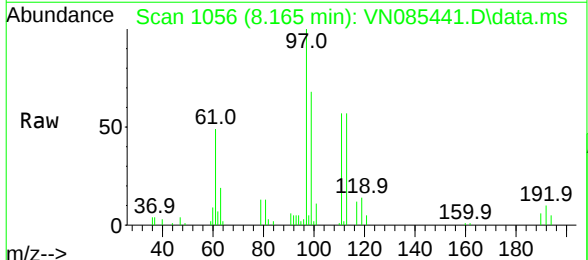
Manual Integrations  
APPROVED

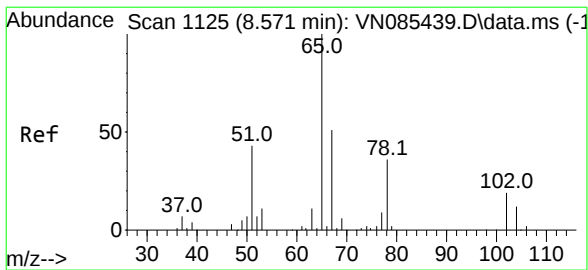
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#32  
1,1,1-Trichloroethane  
Concen: 9.358 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 39170 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 62.6  | 49.8  | 74.6  |
| 61       | 50.2  | 41.4  | 62.2  |





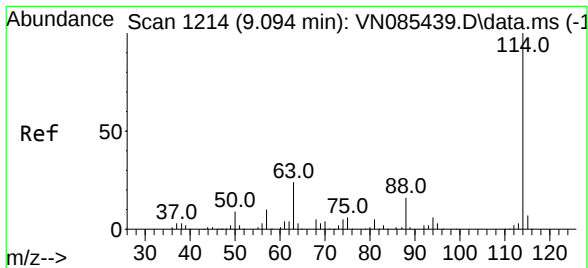
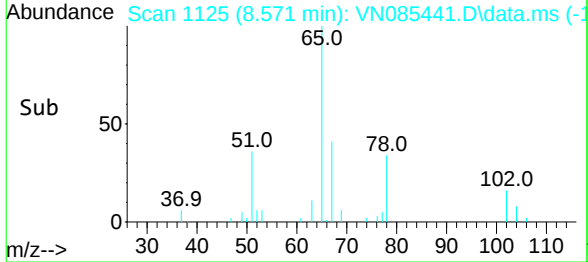
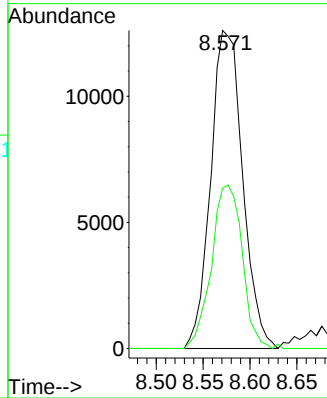
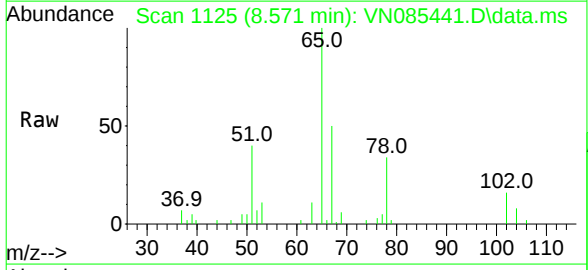
#33  
1,2-Dichloroethane-d4  
Concen: 9.442 ug/l  
RT: 8.571 min Scan# 1125  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 65 Resp: 29856  
Ion Ratio Lower Upper  
65 100  
67 49.5 0.0 101.6

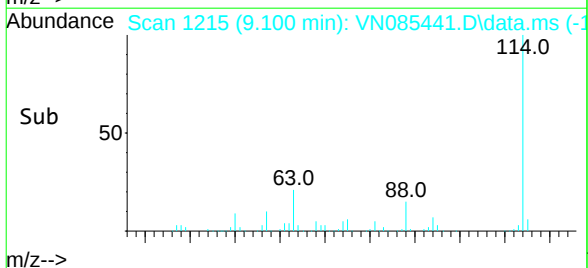
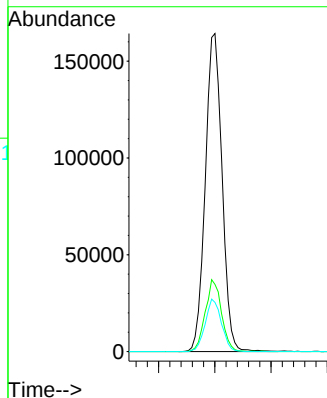
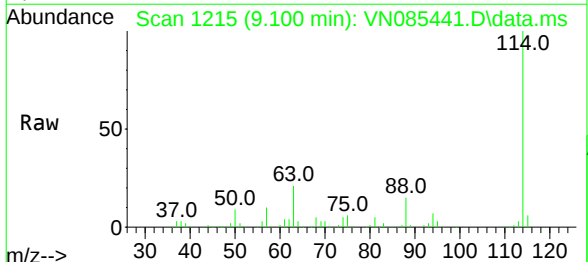
Manual Integrations  
APPROVED

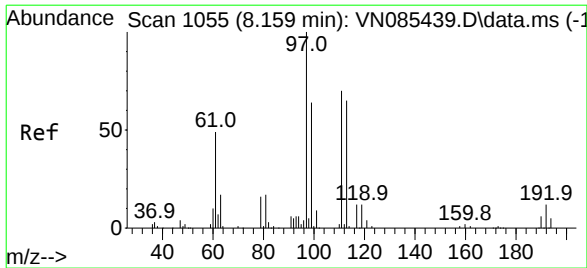
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

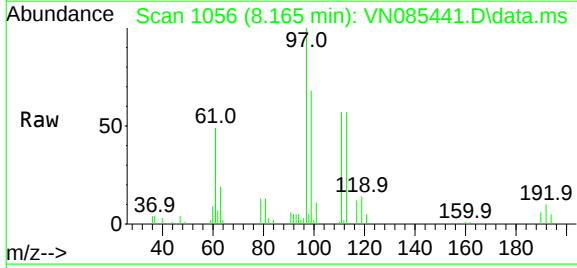
Tgt Ion:114 Resp: 340403  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 47.6  
88 15.5 0.0 32.6





#35  
Dibromofluoromethane  
Concen: 8.939 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

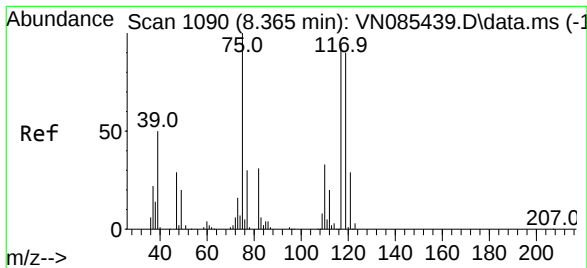
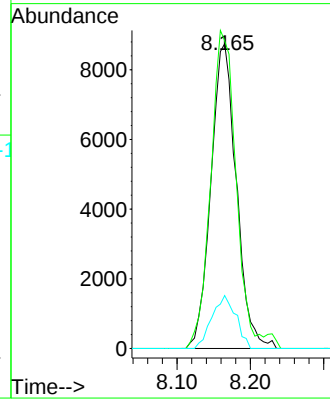
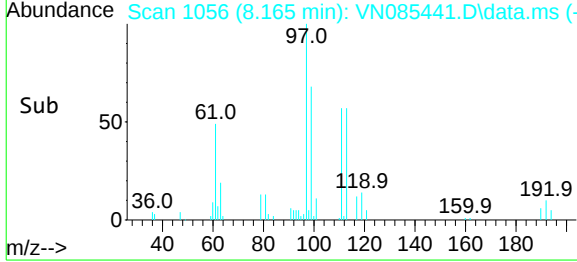
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



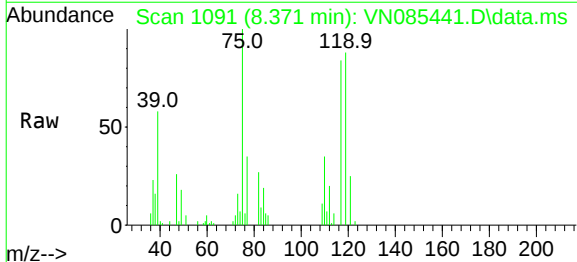
Tgt Ion: 113 Resp: 21110  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.7 124.1  
192 16.4 14.3 21.5

Manual Integrations  
APPROVED

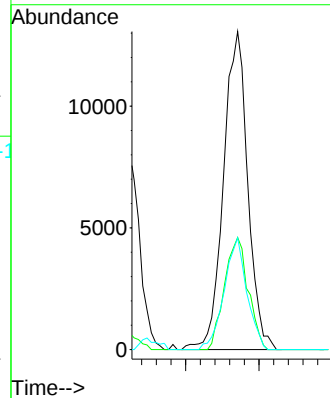
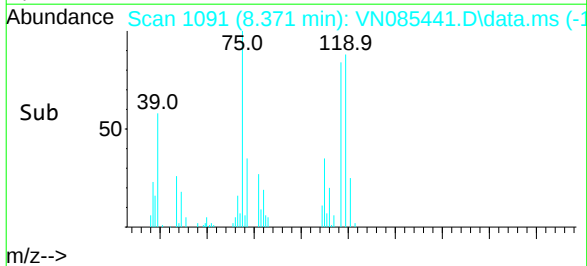
Reviewed By : John Carlone 01/15/2025  
Supervised By : Mahesh Dadoda 01/15/2025



#36  
1,1-Dichloropropene  
Concen: 9.056 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07



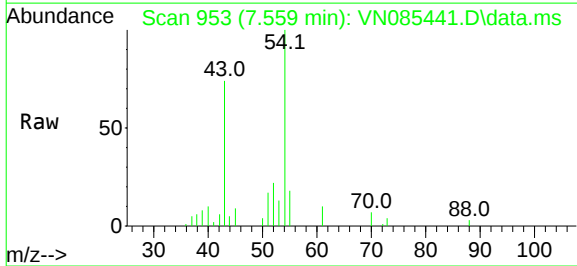
Tgt Ion: 75 Resp: 30015  
Ion Ratio Lower Upper  
75 100  
110 34.3 16.5 49.5  
77 32.9 24.4 36.6





#37  
Ethyl Acetate  
Concen: 9.195 ug/l  
RT: 7.559 min Scan# 952  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

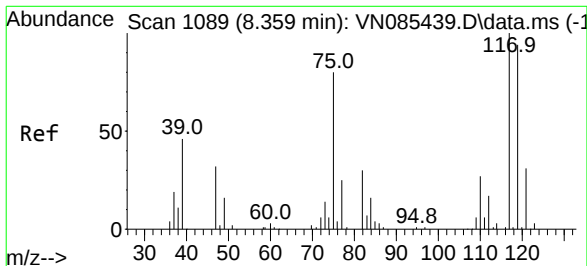
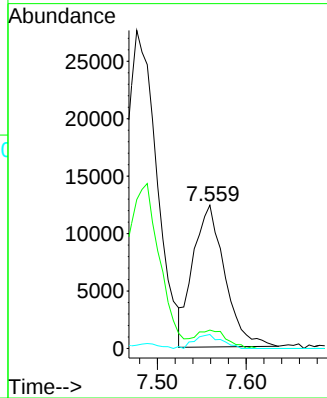
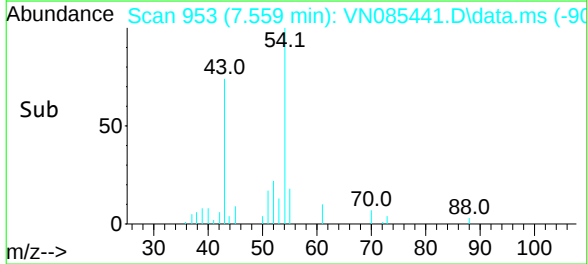
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



Tgt Ion: 43 Resp: 30760  
Ion Ratio Lower Upper  
43 100  
61 12.2 10.9 16.3  
70 8.4 7.5 11.3

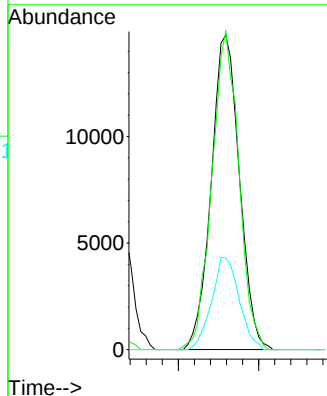
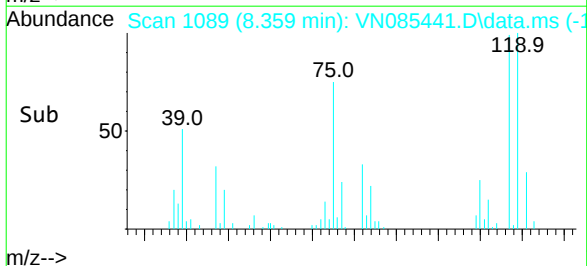
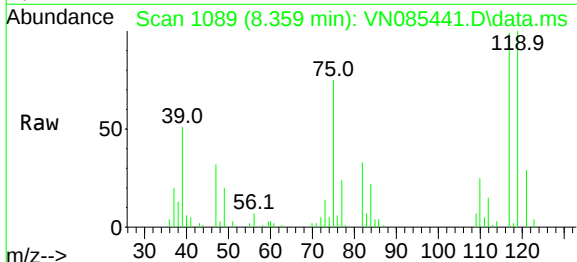
Manual Integrations  
APPROVED

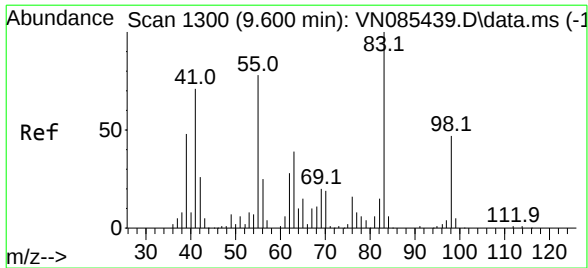
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#38  
Carbon Tetrachloride  
Concen: 9.492 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:117 Resp: 36015  
Ion Ratio Lower Upper  
117 100  
119 101.2 75.4 113.2  
121 29.1 24.6 37.0





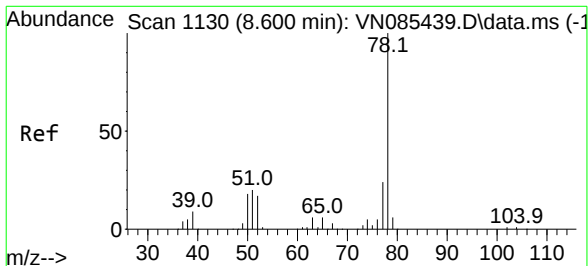
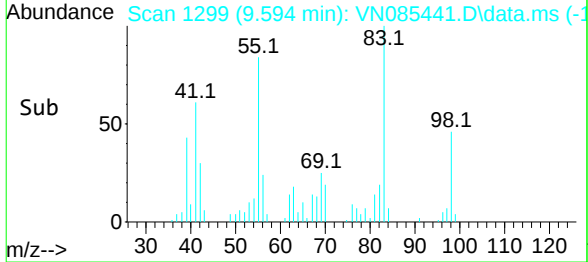
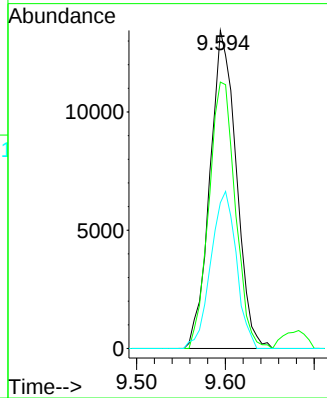
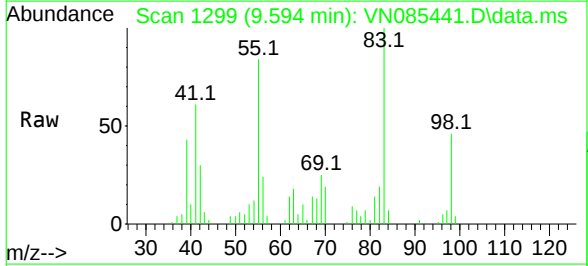
#39  
Methylcyclohexane  
Concen: 8.900 ug/l  
RT: 9.594 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 83 Resp: 27721  
Ion Ratio Lower Upper  
83 100  
55 83.8 62.6 94.0  
98 45.8 37.7 56.5

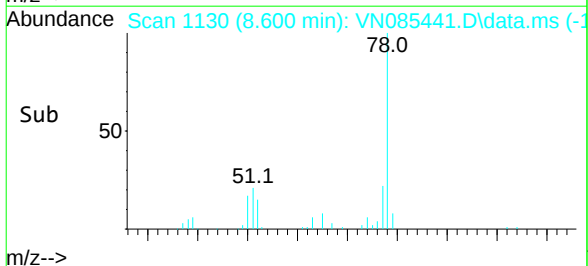
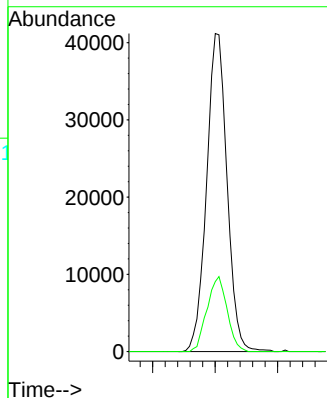
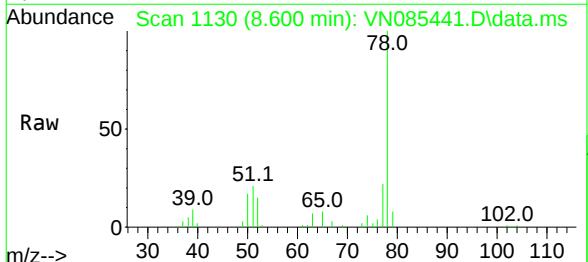
Manual Integrations  
APPROVED

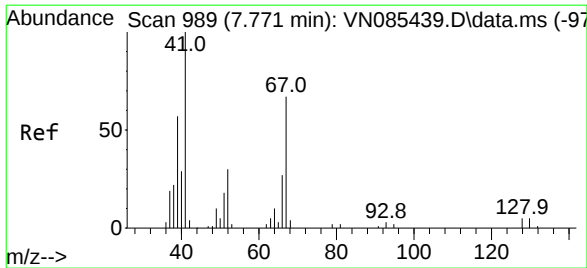
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#40  
Benzene  
Concen: 9.407 ug/l  
RT: 8.600 min Scan# 1130  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 78 Resp: 93680  
Ion Ratio Lower Upper  
78 100  
77 22.0 19.0 28.6





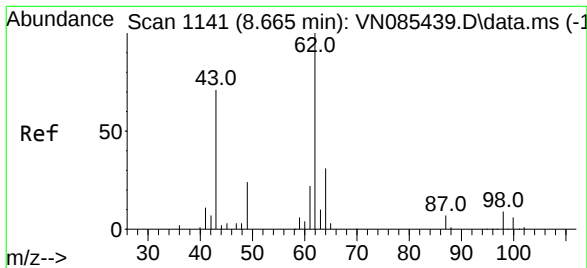
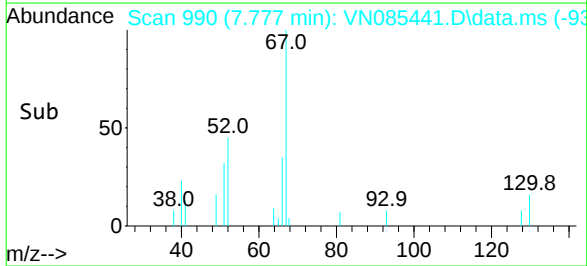
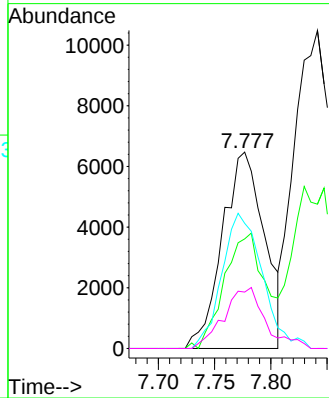
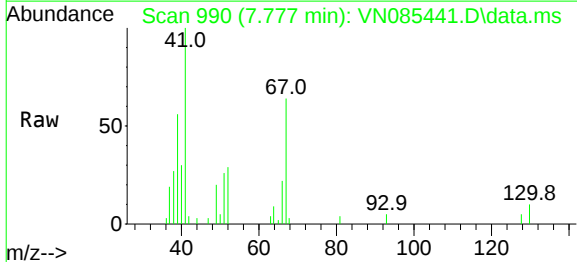
#41  
Methacrylonitrile  
Concen: 9.686 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 16859 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.3  | 46.0  | 69.0  |
| 67       | 66.2  | 57.4  | 86.2  |
| 52       | 30.4  | 25.5  | 38.3  |

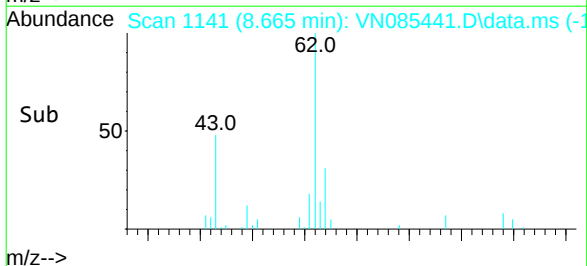
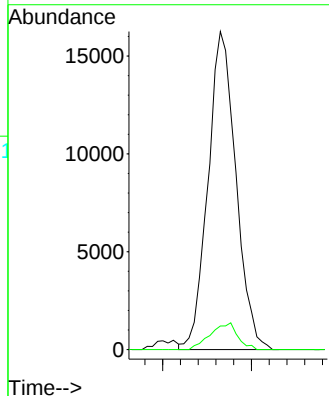
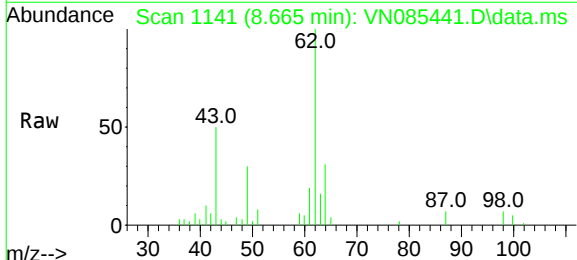
Manual Integrations  
APPROVED

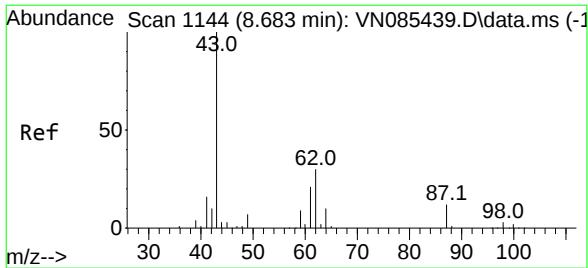
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#42  
1,2-Dichloroethane  
Concen: 9.483 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 35569 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.2   | 0.0   | 17.0  |





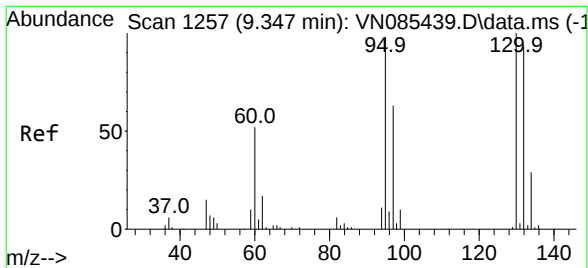
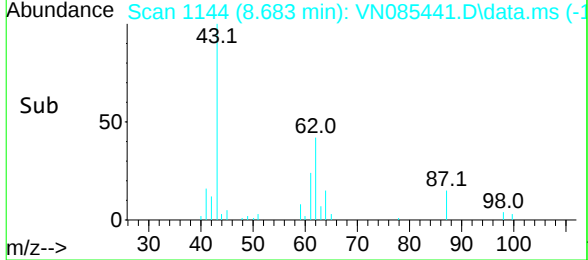
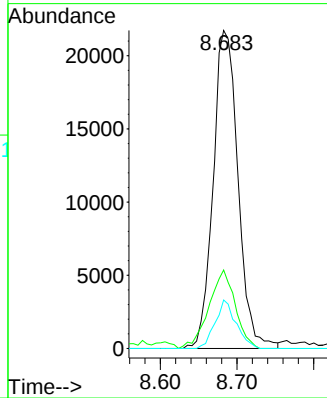
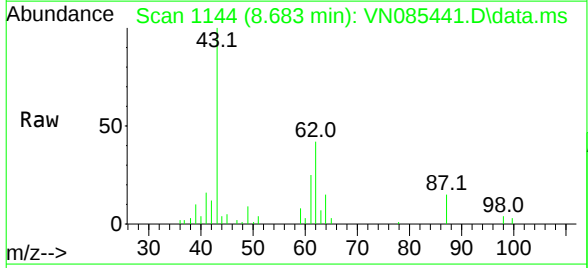
#43  
Isopropyl Acetate  
Concen: 9.127 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument : MSVOA\_N  
ClientSampleId : VSTDIC010

Tgt Ion: 43 Resp: 48926  
Ion Ratio Lower Upper  
43 100  
61 26.2 20.7 31.1  
87 12.8 9.8 14.8

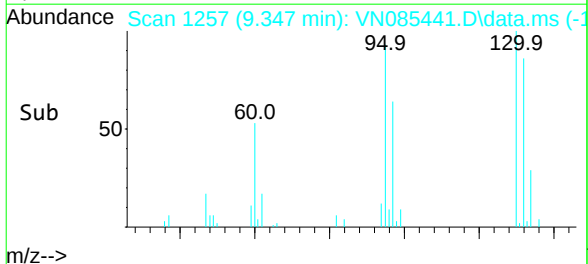
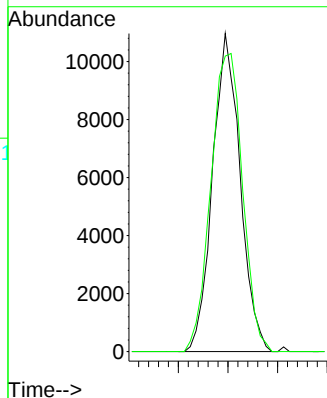
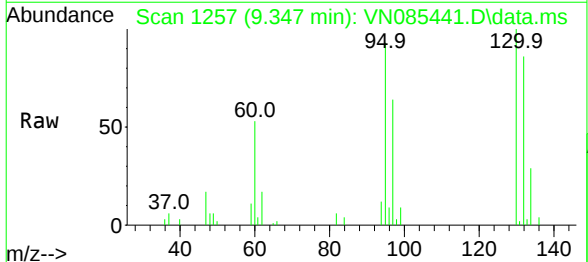
Manual Integrations  
APPROVED

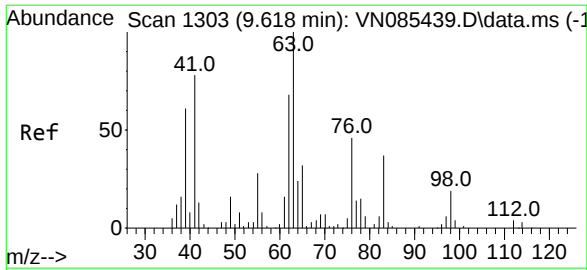
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#44  
Trichloroethene  
Concen: 9.108 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:130 Resp: 21113  
Ion Ratio Lower Upper  
130 100  
95 92.9 0.0 195.8





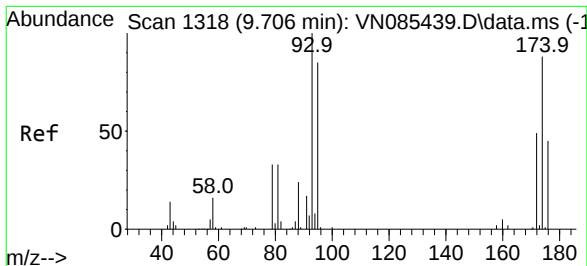
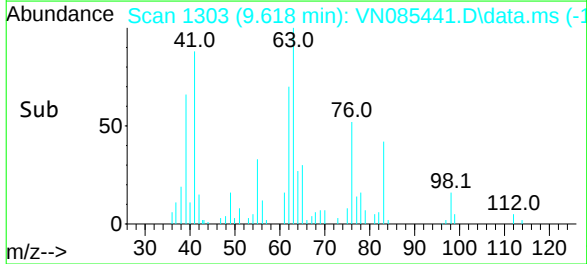
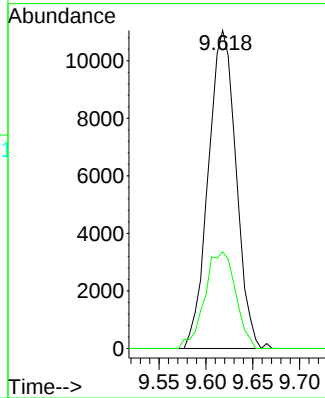
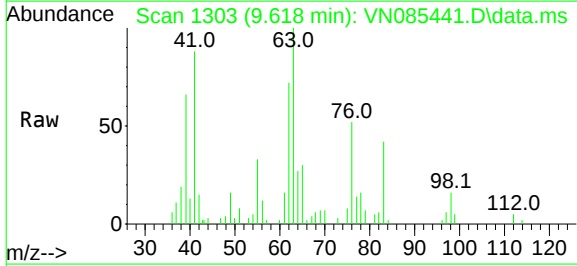
#45  
1,2-Dichloropropane  
Concen: 8.942 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 63 Resp: 22747  
Ion Ratio Lower Upper  
63 100  
65 30.4 25.6 38.4

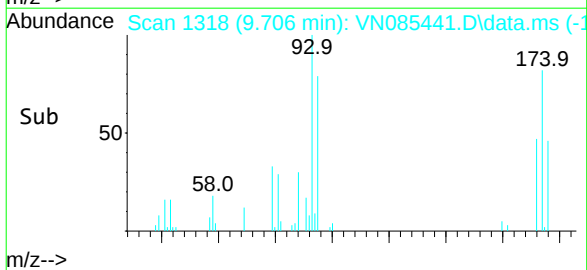
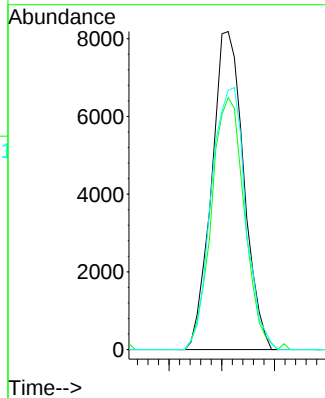
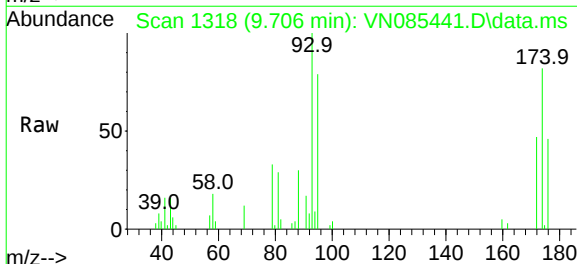
Manual Integrations  
APPROVED

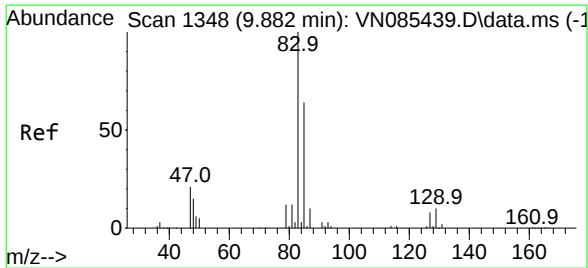
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#46  
Dibromomethane  
Concen: 9.404 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 93 Resp: 17260  
Ion Ratio Lower Upper  
93 100  
95 81.5 64.7 97.1  
174 87.8 69.0 103.4





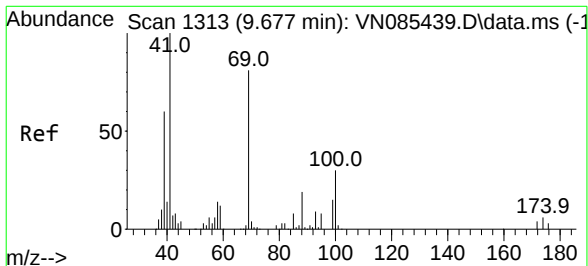
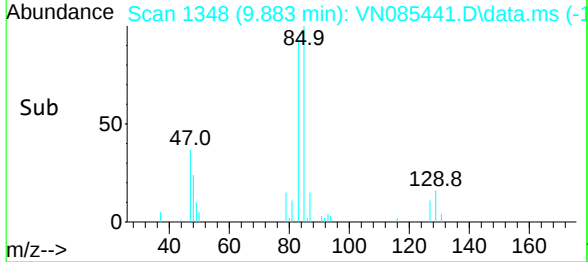
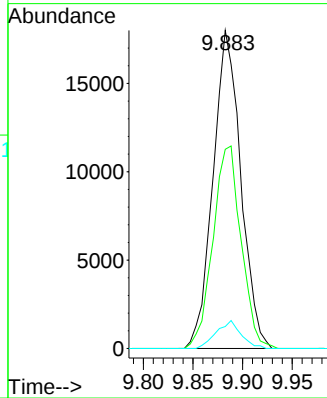
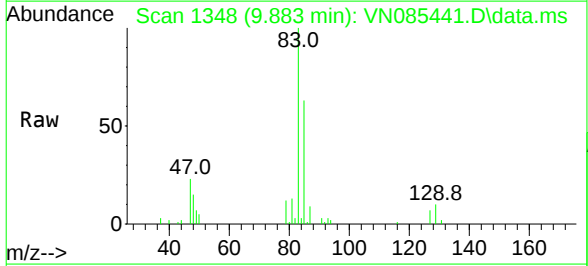
#47  
Bromodichloromethane  
Concen: 9.365 ug/l  
RT: 9.883 min Scan# 1348  
Delta R.T. 0.001 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 83 Resp: 35020  
Ion Ratio Lower Upper  
83 100  
85 62.6 51.2 76.8  
127 6.9 6.5 9.7

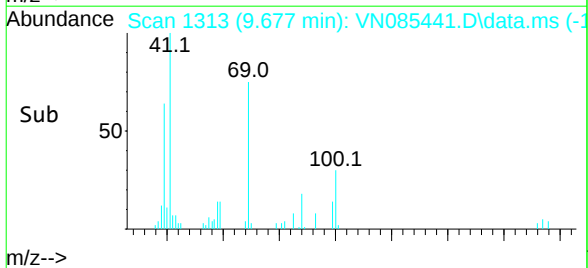
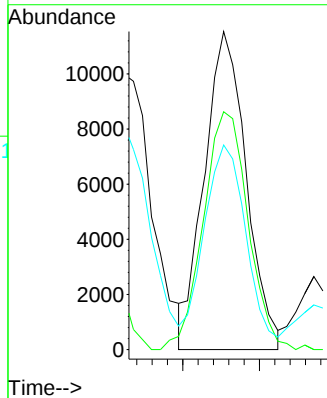
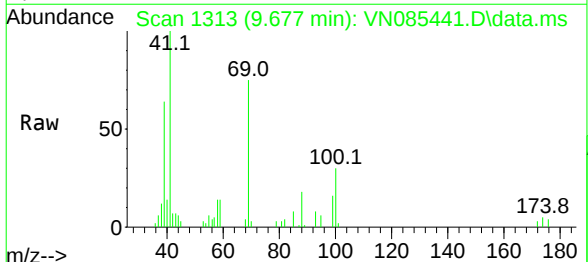
Manual Integrations  
APPROVED

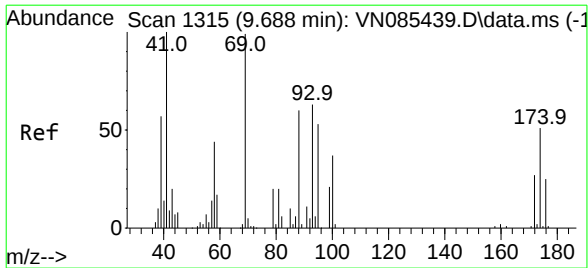
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#48  
Methyl methacrylate  
Concen: 9.067 ug/l  
RT: 9.677 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

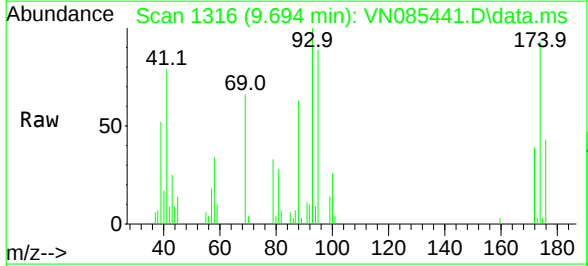
Tgt Ion: 41 Resp: 21873  
Ion Ratio Lower Upper  
41 100  
69 80.0 64.7 97.1  
39 65.2 49.0 73.6





#49  
1,4-Dioxane  
Concen: 190.382 ug/l  
RT: 9.694 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

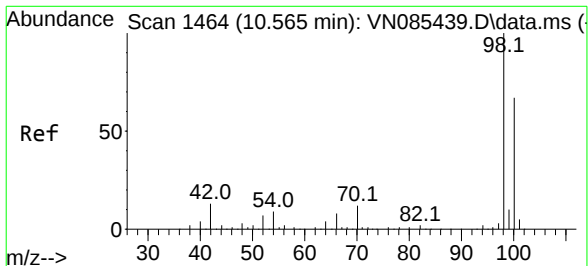
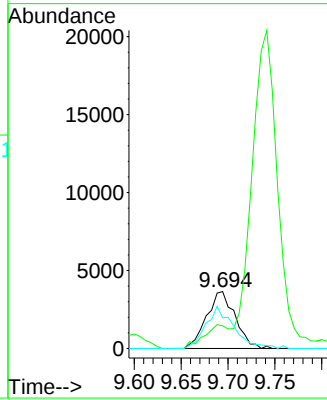
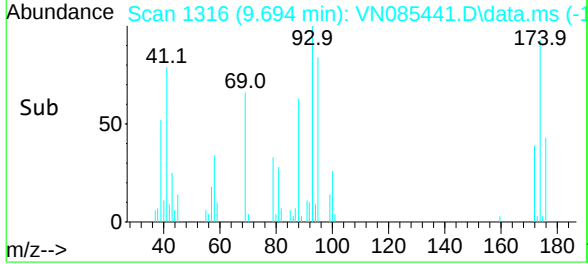
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



Tgt Ion: 88 Resp: 7734  
Ion Ratio Lower Upper  
88 100  
43 35.2 26.6 39.8  
58 73.3 59.5 89.3

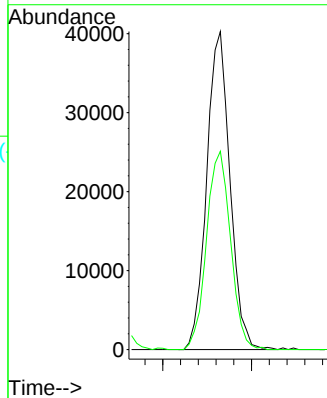
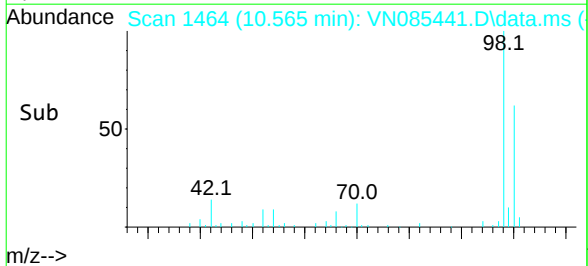
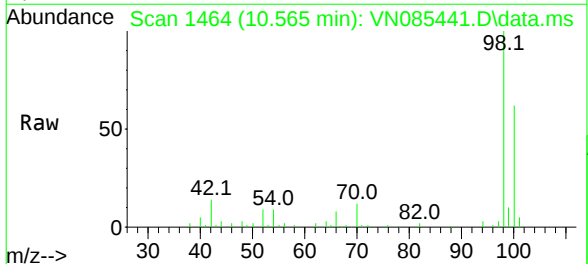
Manual Integrations  
APPROVED

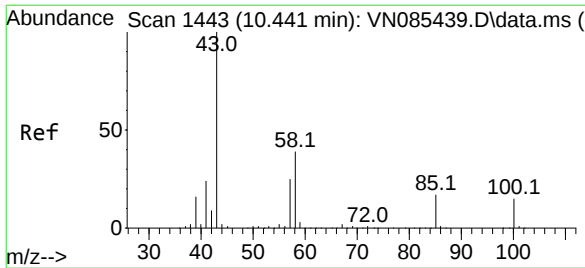
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#50  
Toluene-d8  
Concen: 8.727 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 98 Resp: 73223  
Ion Ratio Lower Upper  
98 100  
100 64.5 52.2 78.4





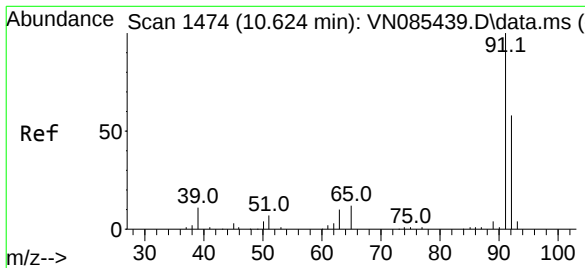
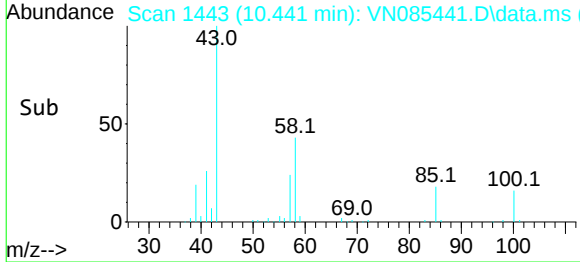
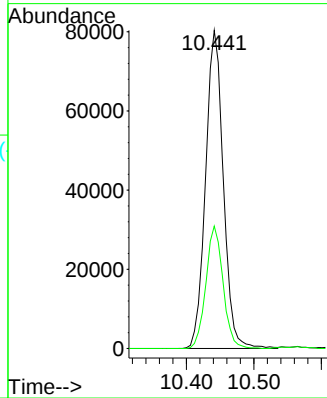
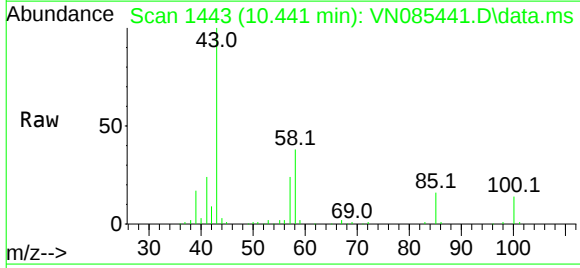
#51  
4-Methyl-2-Pentanone  
Concen: 47.254 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 43 Resp: 146990  
Ion Ratio Lower Upper  
43 100  
58 37.1 30.5 45.7

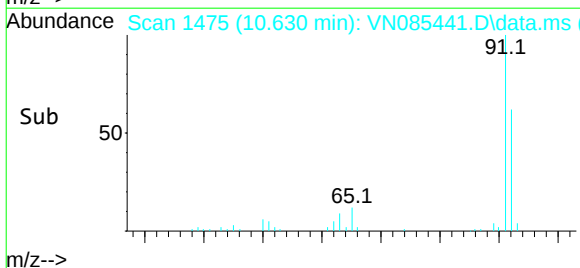
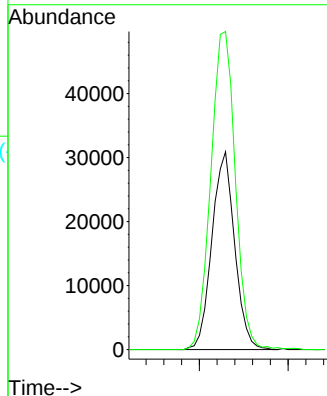
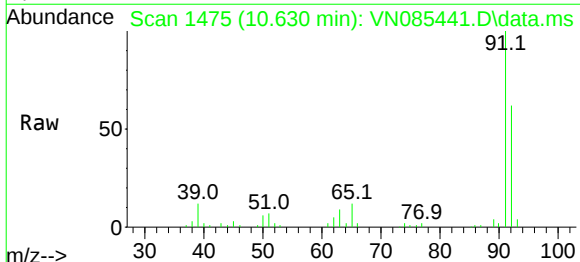
Manual Integrations  
APPROVED

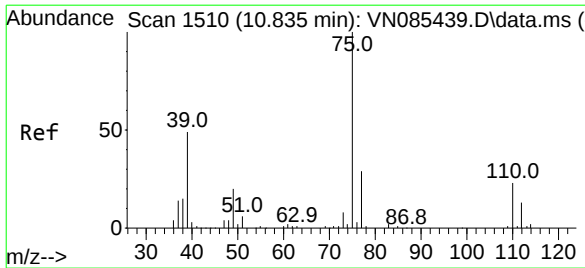
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#52  
Toluene  
Concen: 9.527 ug/l  
RT: 10.630 min Scan# 1475  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

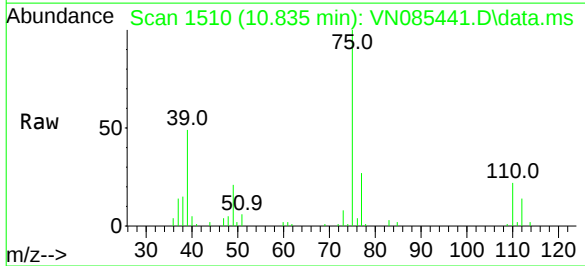
Tgt Ion: 92 Resp: 54976  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.2 208.8





#53  
t-1,3-Dichloropropene  
Concen: 9.276 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

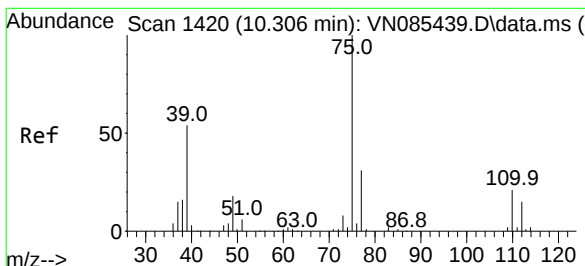
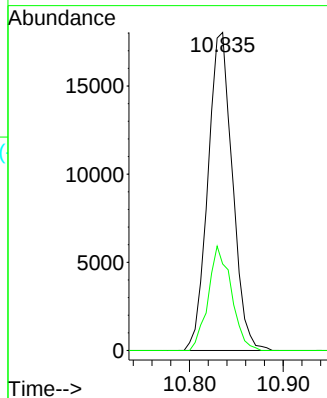
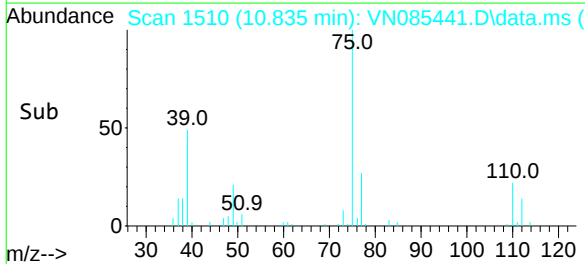
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



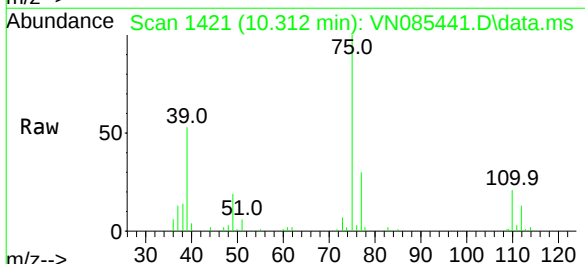
Tgt Ion: 75 Resp: 32780  
Ion Ratio Lower Upper  
75 100  
77 27.2 23.5 35.3

Manual Integrations  
APPROVED

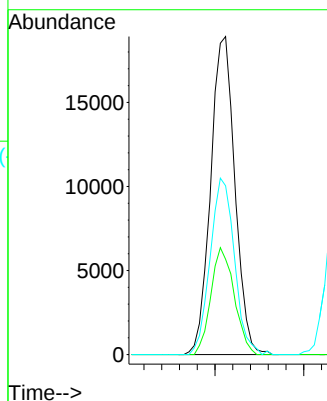
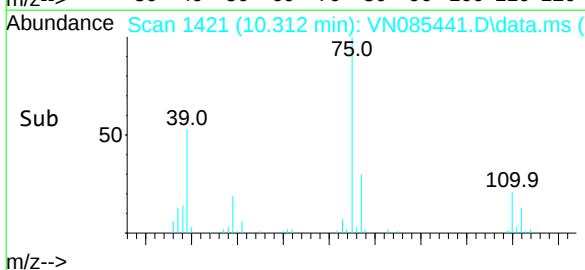
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

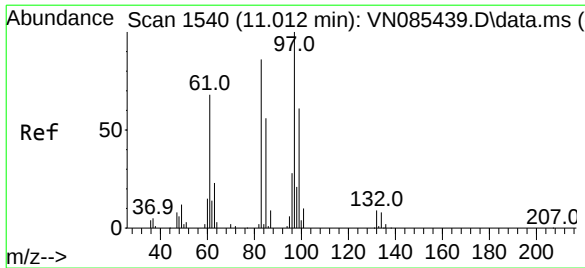


#54  
cis-1,3-Dichloropropene  
Concen: 9.512 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07



Tgt Ion: 75 Resp: 35904  
Ion Ratio Lower Upper  
75 100  
77 30.0 25.0 37.4  
39 53.1 43.1 64.7





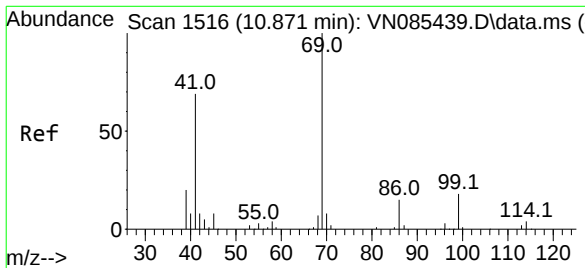
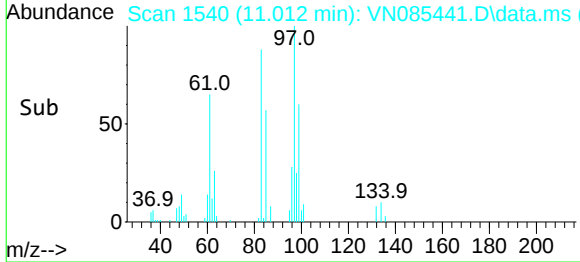
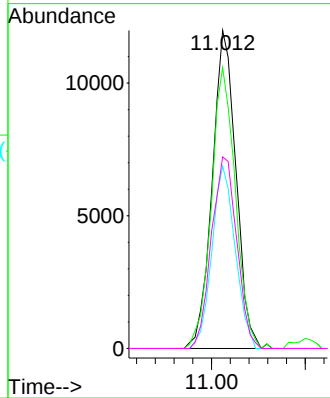
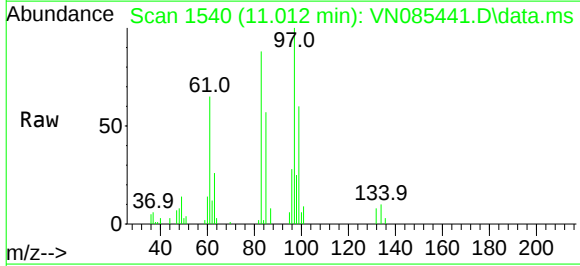
#55  
1,1,2-Trichloroethane  
Concen: 9.222 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 21060 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.3  | 69.0  | 103.6 |
| 85       | 57.3  | 44.6  | 66.8  |
| 99       | 60.2  | 48.6  | 72.8  |

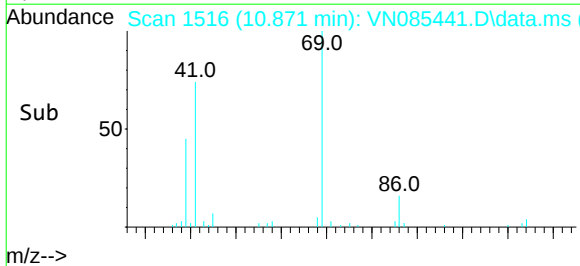
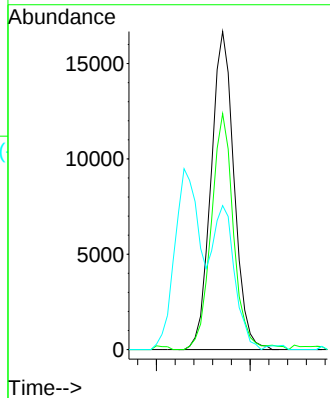
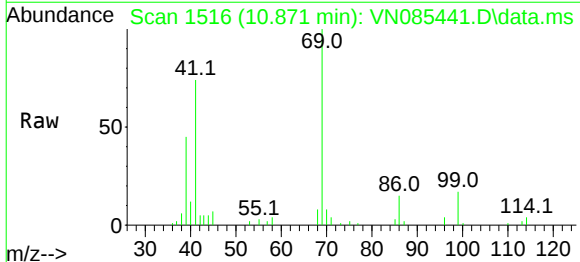
Manual Integrations  
APPROVED

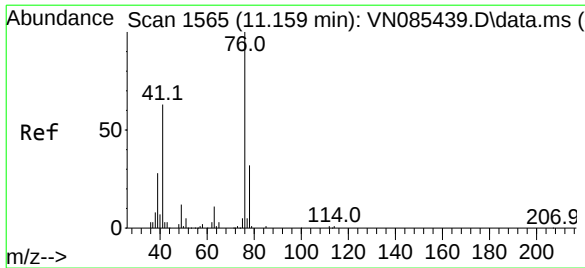
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#56  
Ethyl methacrylate  
Concen: 9.042 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

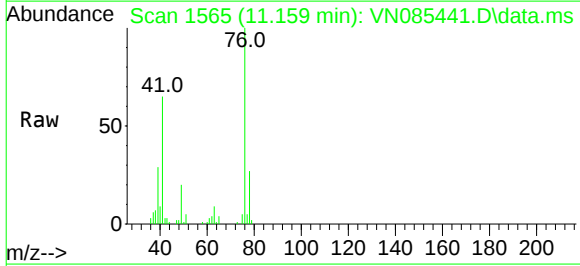
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 28454 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 72.1  | 54.6  | 82.0  |
| 39       | 43.4  | 32.4  | 48.6  |





#57  
1,3-Dichloropropane  
Concen: 9.512 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

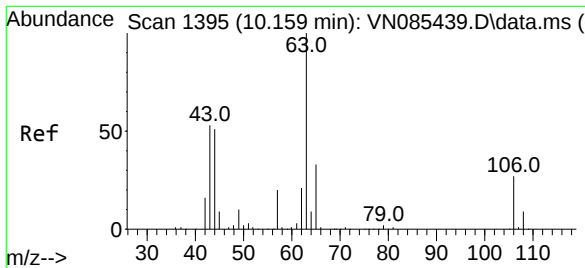
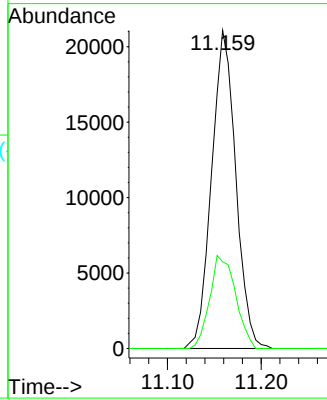
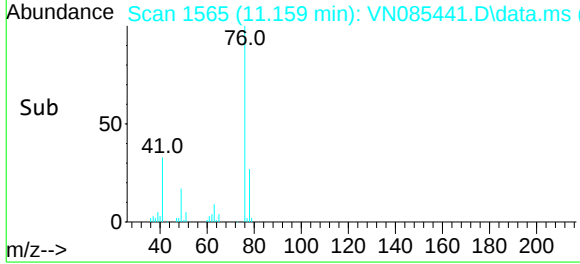
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



Tgt Ion: 76 Resp: 37768  
Ion Ratio Lower Upper  
76 100  
78 31.1 25.6 38.4

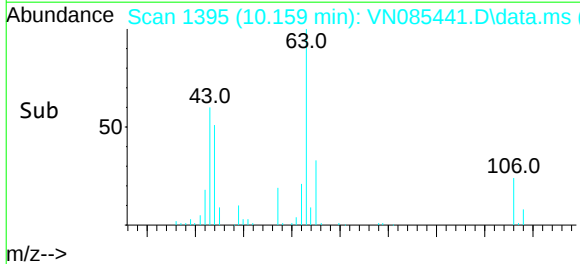
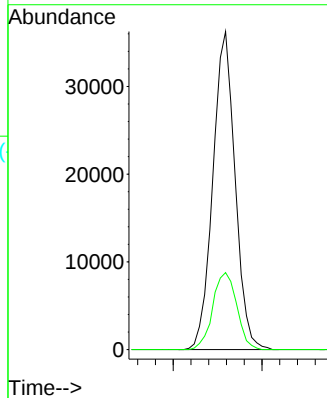
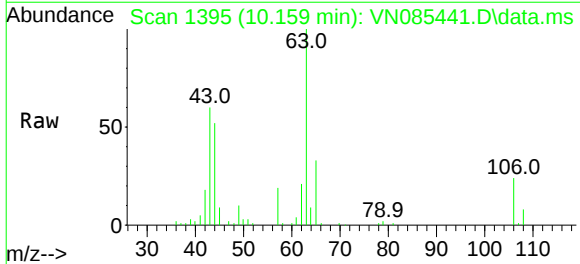
Manual Integrations  
APPROVED

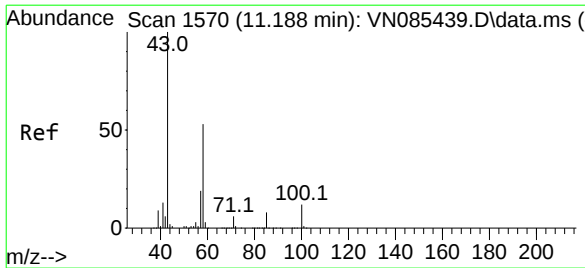
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#58  
2-Chloroethyl Vinyl ether  
Concen: 43.550 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 63 Resp: 63110  
Ion Ratio Lower Upper  
63 100  
106 26.1 21.6 32.4





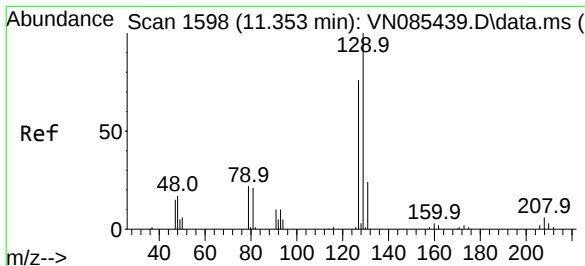
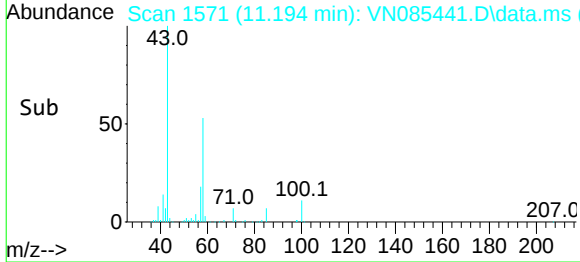
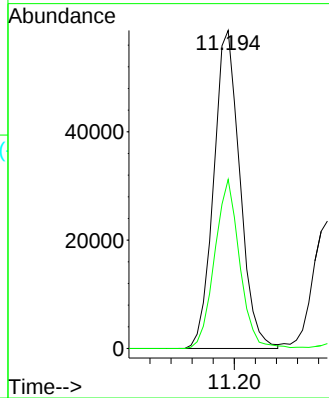
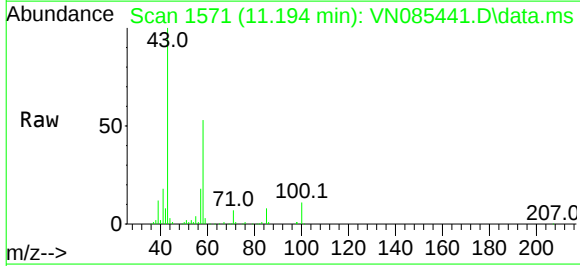
#59  
2-Hexanone  
Concen: 46.291 ug/l  
RT: 11.194 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 43 Resp: 101318  
Ion Ratio Lower Upper  
43 100  
58 50.9 26.2 78.6

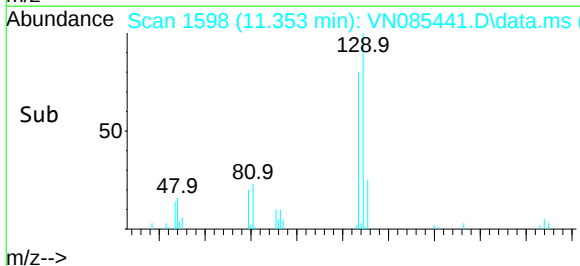
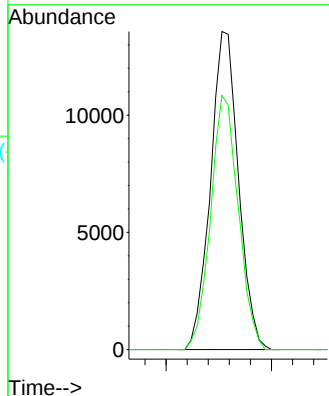
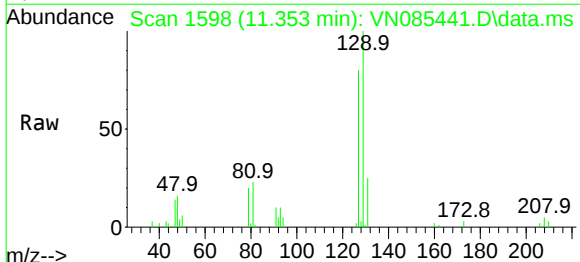
Manual Integrations  
APPROVED

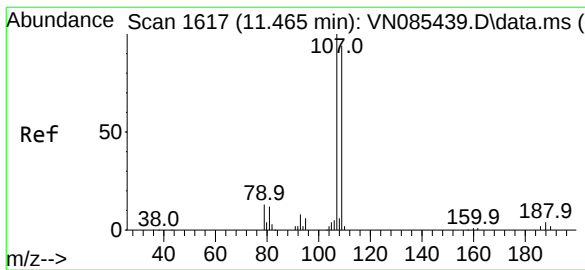
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#60  
Dibromochloromethane  
Concen: 9.079 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:129 Resp: 25029  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.6 115.8





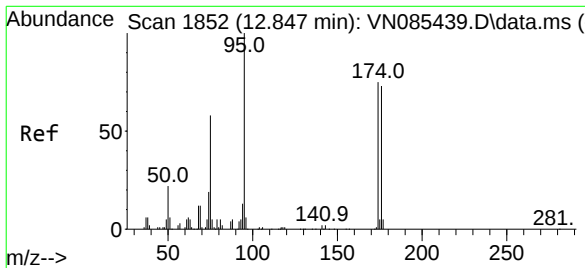
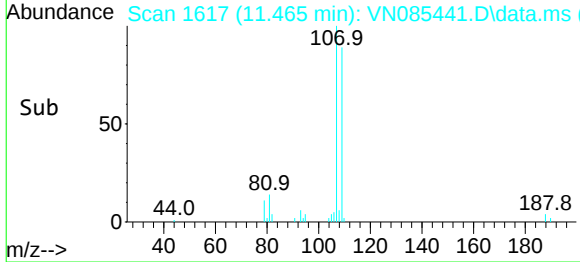
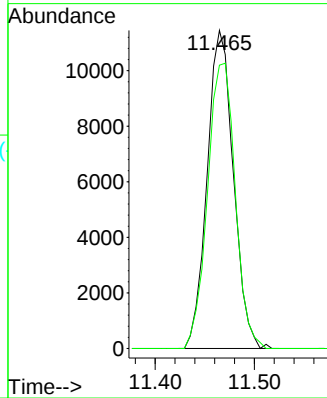
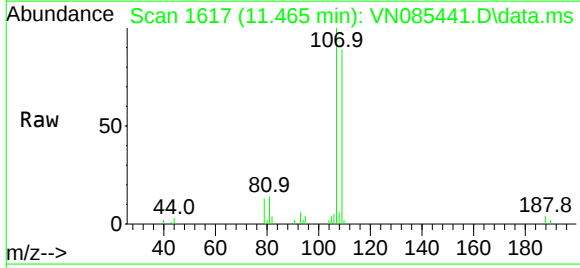
#61  
1,2-Dibromoethane  
Concen: 9.263 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 107 Resp: 21055  
Ion Ratio Lower Upper  
107 100  
109 94.6 75.9 113.9

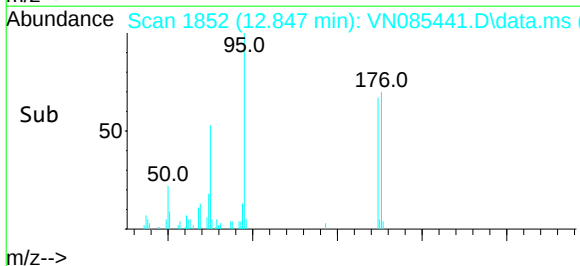
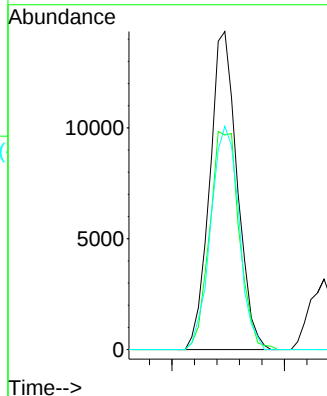
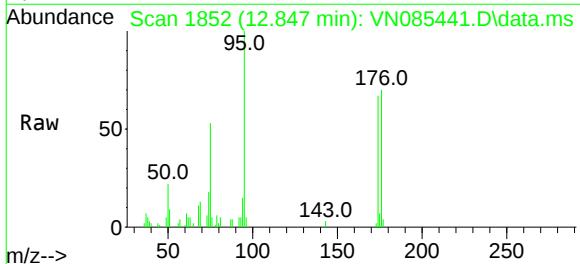
Manual Integrations  
APPROVED

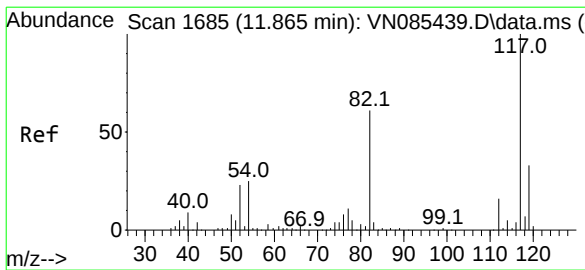
Reviewed By : John Carlone 01/15/2025  
Supervised By : Mahesh Dadoda 01/15/2025



#62  
4-Bromofluorobenzene  
Concen: 8.476 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion: 95 Resp: 24327  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 145.0  
176 72.1 0.0 142.4





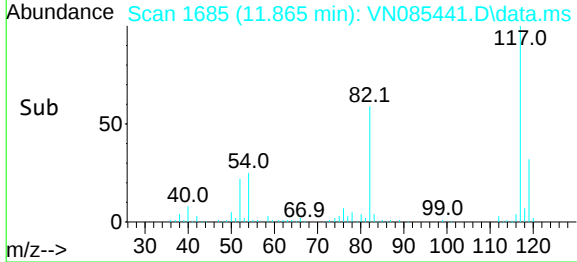
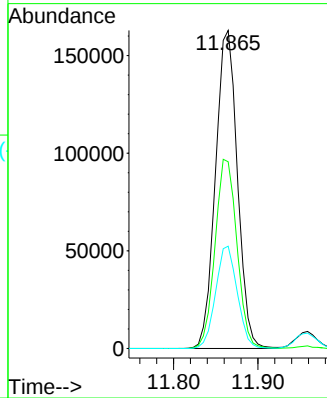
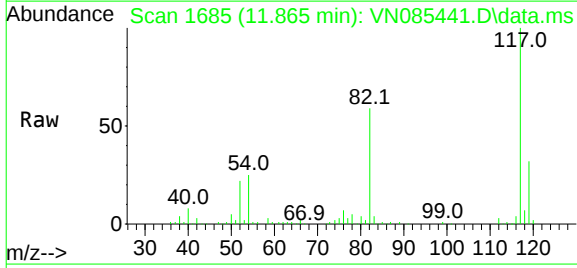
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion:117 Resp: 294508  
Ion Ratio Lower Upper  
117 100  
82 58.7 48.6 72.8  
119 32.2 26.6 39.8

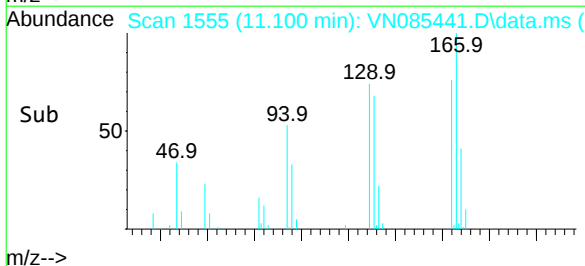
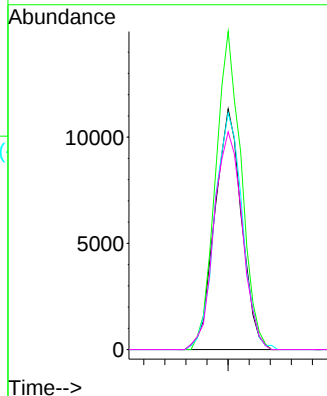
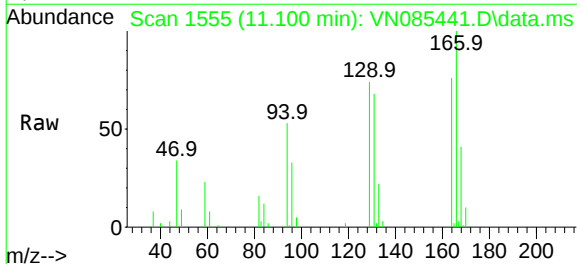
Manual Integrations  
APPROVED

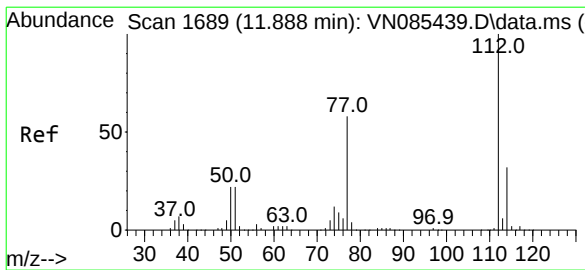
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#64  
Tetrachloroethene  
Concen: 9.928 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:164 Resp: 19934  
Ion Ratio Lower Upper  
164 100  
166 132.2 103.4 155.2  
129 98.3 79.2 118.8  
131 90.5 77.1 115.7





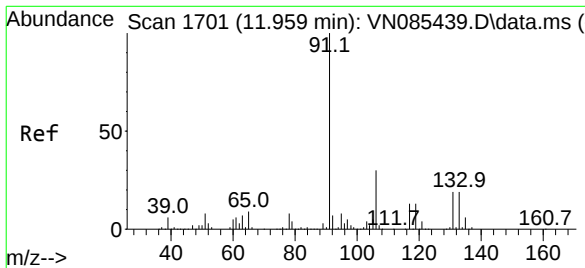
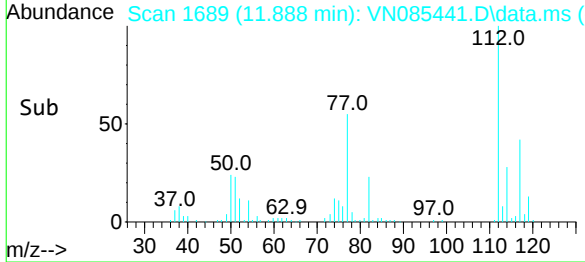
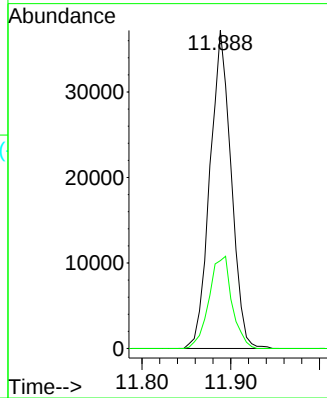
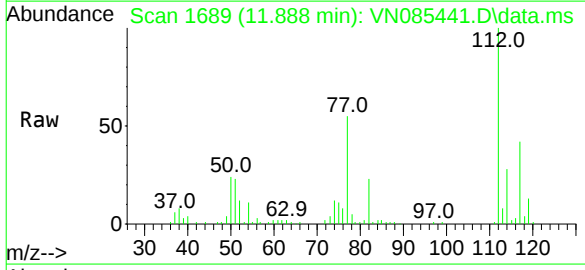
#65  
Chlorobenzene  
Concen: 9.560 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:112 Resp: 61680  
Ion Ratio Lower Upper  
112 100  
114 27.6 25.3 37.9

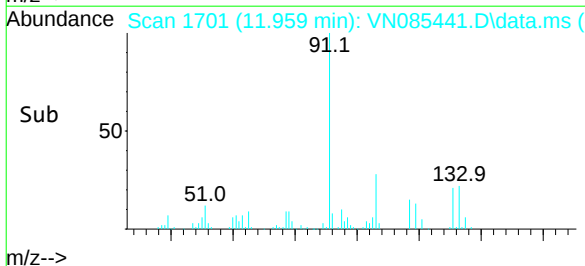
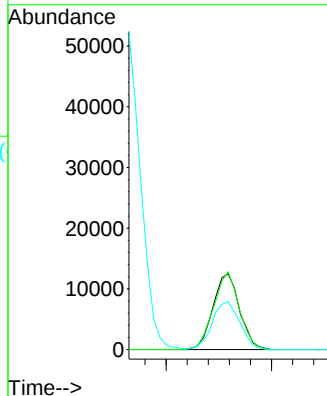
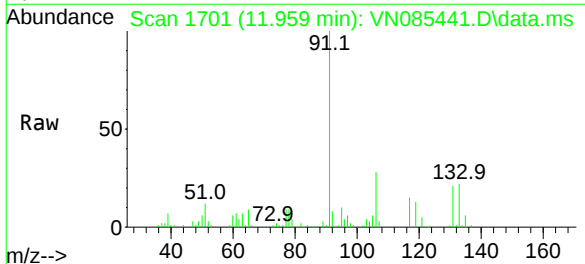
Manual Integrations  
APPROVED

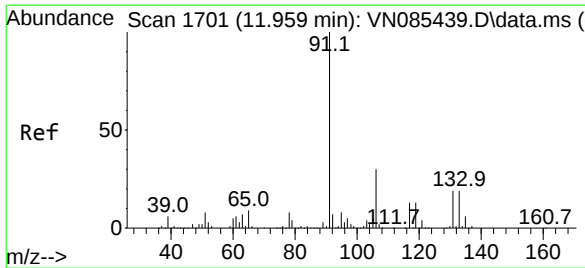
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#66  
1,1,1,2-Tetrachloroethane  
Concen: 9.229 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:131 Resp: 21853  
Ion Ratio Lower Upper  
131 100  
133 98.5 47.4 142.3  
119 66.0 33.1 99.5





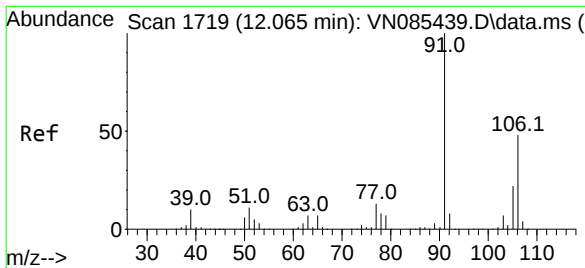
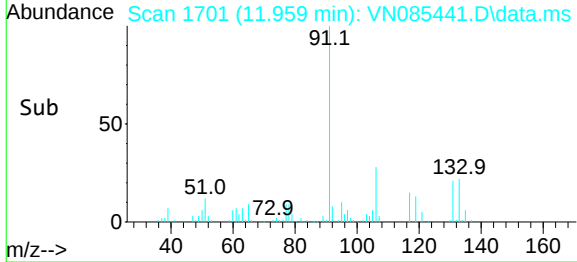
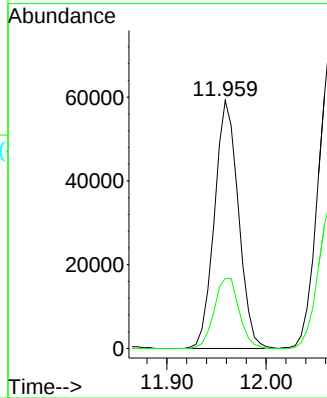
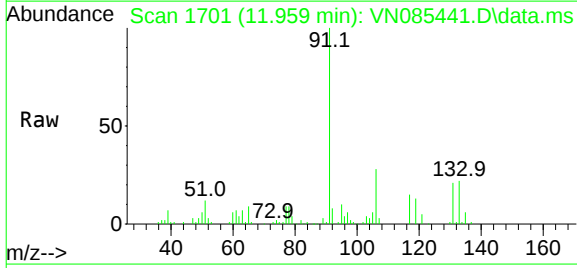
#67  
Ethyl Benzene  
Concen: 9.445 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 91 Resp: 99248  
Ion Ratio Lower Upper  
91 100  
106 28.2 23.8 35.8

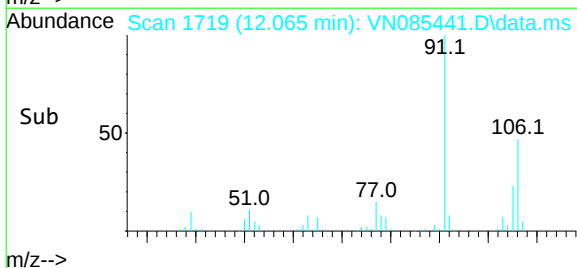
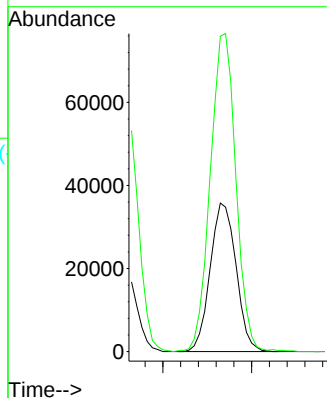
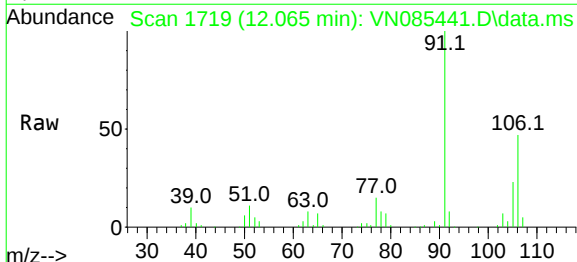
Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#68  
m/p-Xylenes  
Concen: 18.650 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:106 Resp: 72431  
Ion Ratio Lower Upper  
106 100  
91 211.7 167.7 251.5





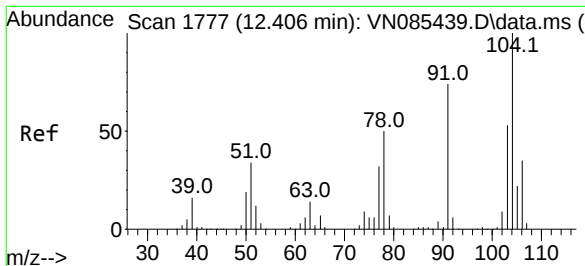
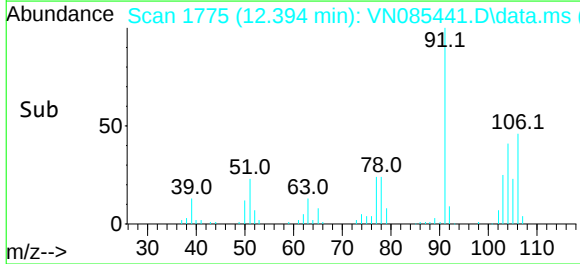
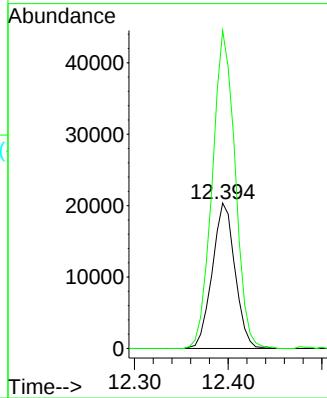
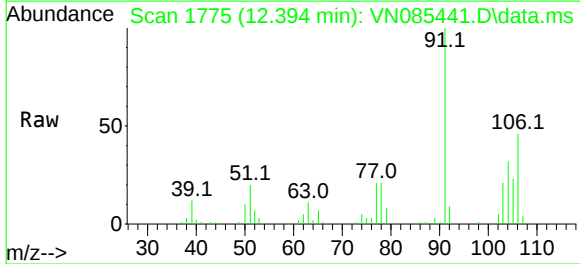
#69  
o-Xylene  
Concen: 9.264 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion:106 Resp: 34382  
Ion Ratio Lower Upper  
106 100  
91 219.5 110.4 331.2

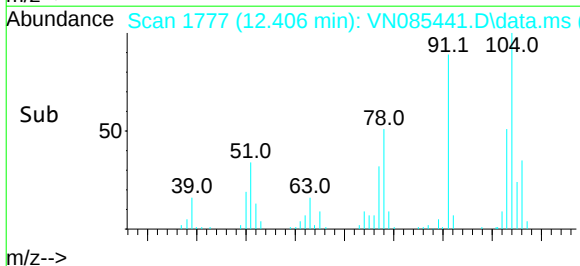
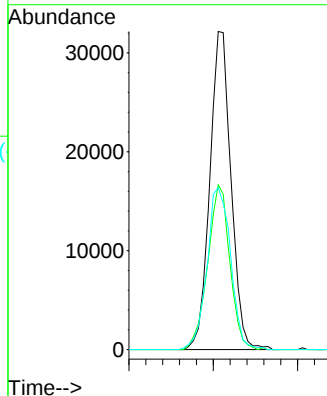
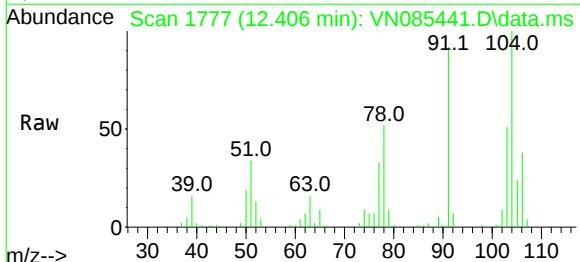
Manual Integrations  
APPROVED

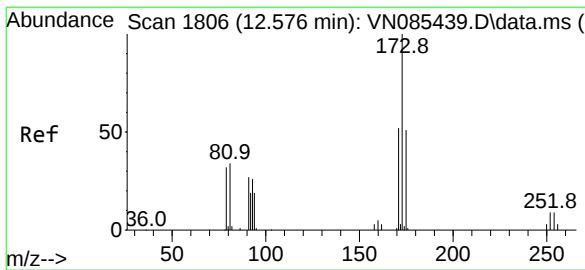
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#70  
Styrene  
Concen: 9.163 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:104 Resp: 56285  
Ion Ratio Lower Upper  
104 100  
78 53.8 42.5 63.7  
103 56.8 43.8 65.8





#71

Bromoform

Concen: 9.485 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

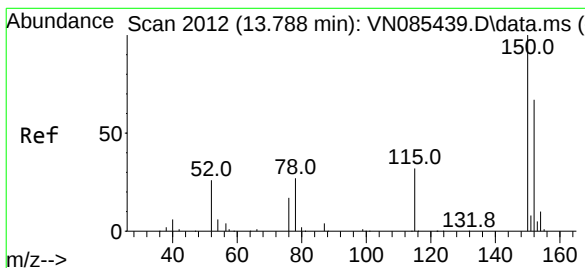
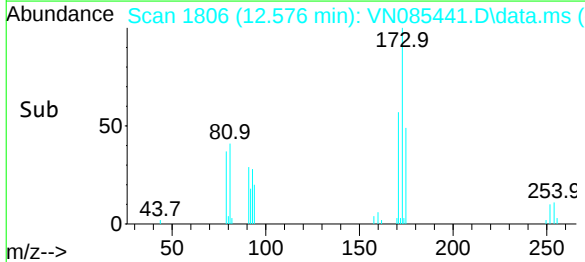
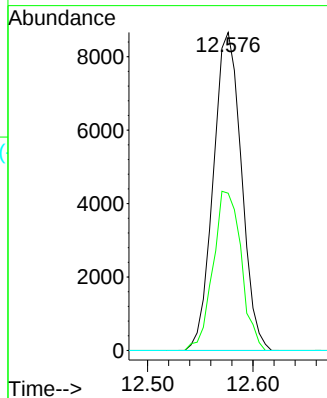
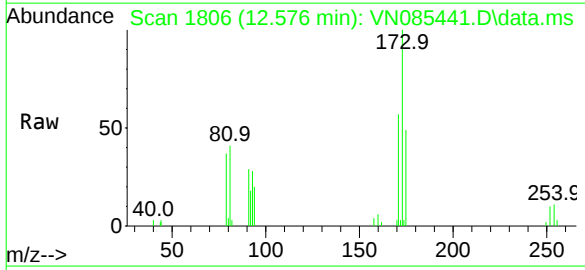
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 16071 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 50.0  | 24.4  | 73.2  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

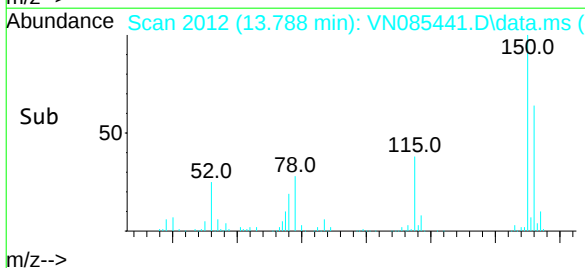
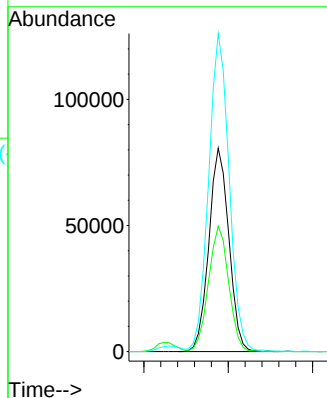
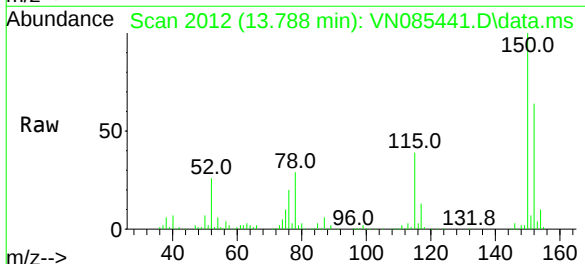
RT: 13.788 min Scan# 2012

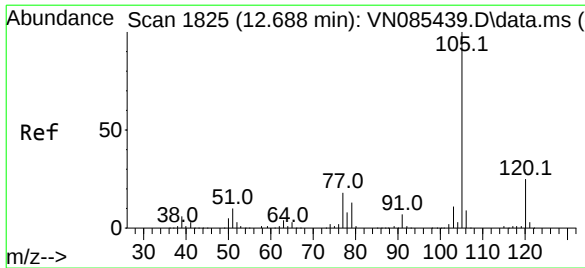
Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 132934 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.3  | 31.1  | 93.3   |
| 150       | 159.8 | 0.0   | 343.6  |





#73

Isopropylbenzene

Concen: 9.697 ug/l

RT: 12.694 min Scan# 1825

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

Tgt Ion: 105 Resp: 87003

Ion Ratio Lower Upper

105 100

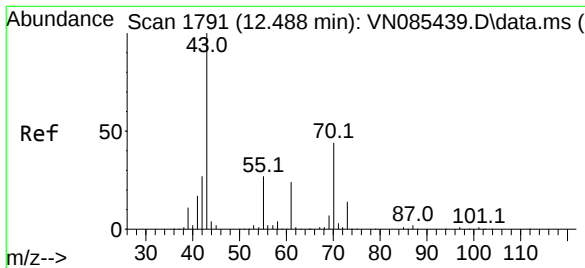
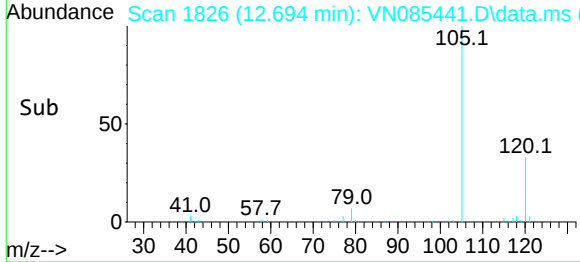
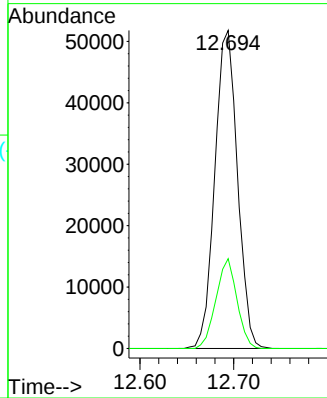
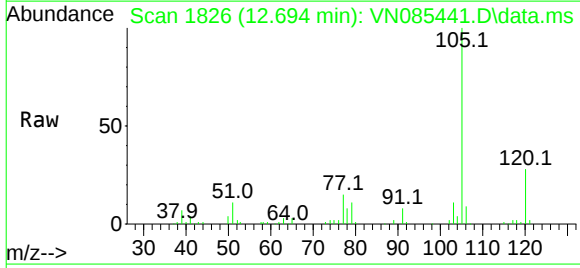
120 26.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#74

N-ethyl acetate

Concen: 9.260 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Tgt Ion: 43 Resp: 37343

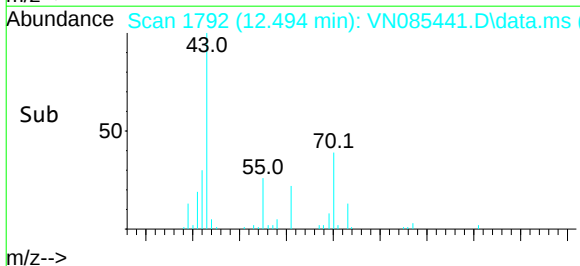
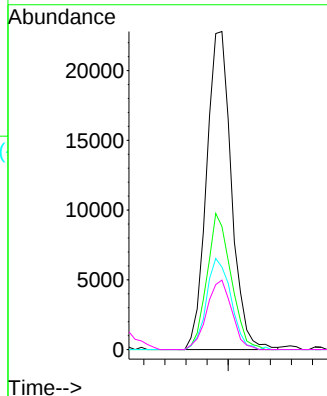
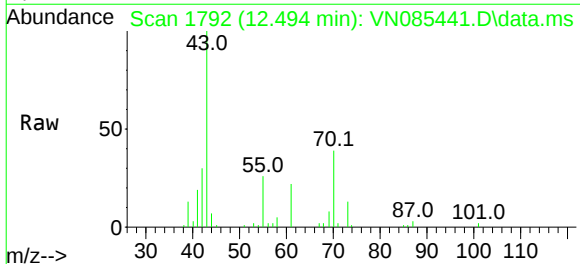
Ion Ratio Lower Upper

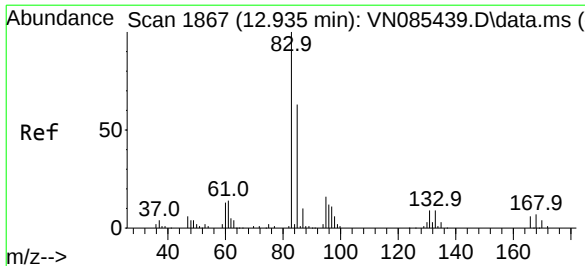
43 100

70 41.4 34.0 51.0

55 28.5 21.4 32.2

61 22.0 19.0 28.4





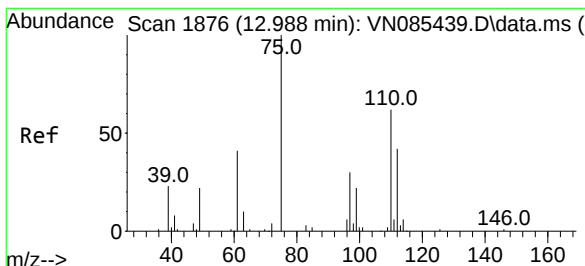
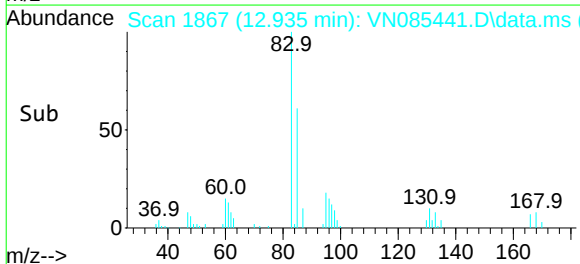
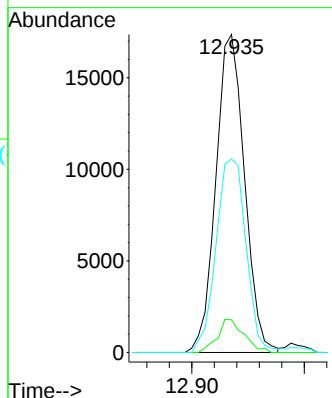
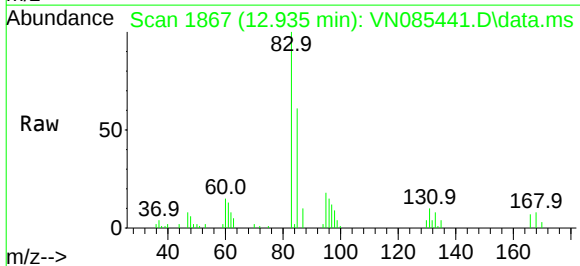
#75  
1,1,2,2-Tetrachloroethane  
Concen: 9.709 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

| Tgt Ion: | 83    | Resp: | 30770 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.6   | 4.8   | 14.4  |
| 85       | 63.6  | 32.2  | 96.6  |

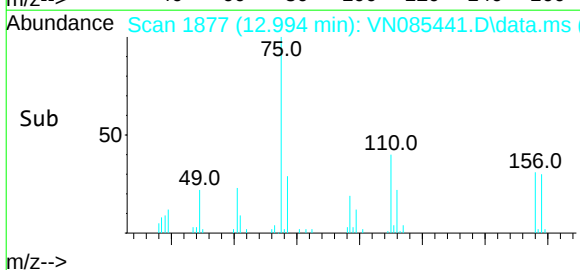
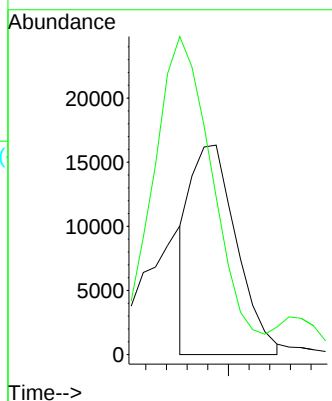
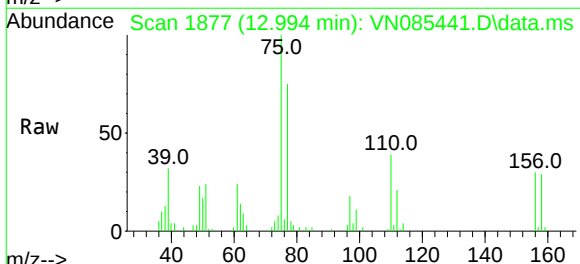
Manual Integrations  
APPROVED

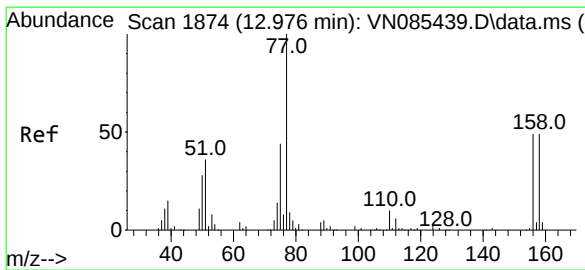
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#76  
1,2,3-Trichloropropane  
Concen: 9.432 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

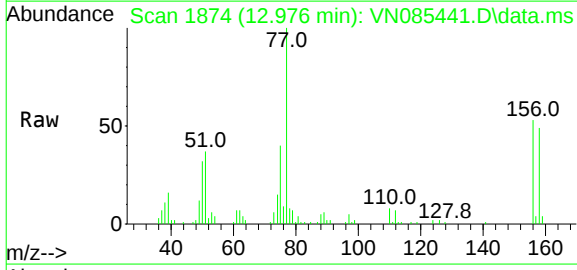
| Tgt Ion: | 75    | Resp: | 25443 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 198.5 | 109.7 | 329.2 |





Bromobenzene  
 Concen: 9.720 ug/l  
 RT: 12.976 min Scan# 1874  
 Delta R.T. 0.000 min  
 Lab File: VN085441.D  
 Acq: 14 Jan 2025 16:07

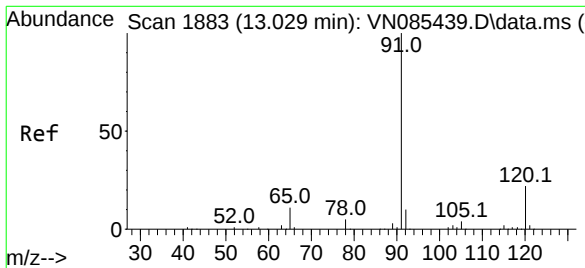
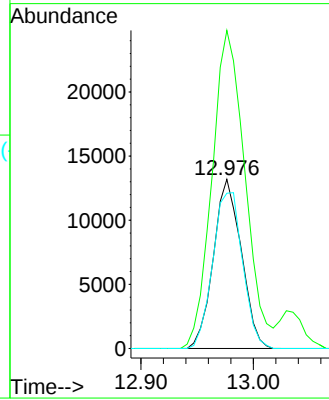
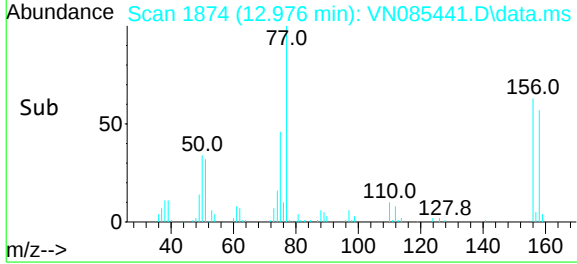
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010



Tgt Ion: 156 Resp: 22784  
 Ion Ratio Lower Upper  
 156 100  
 77 221.6 114.1 342.4  
 158 98.7 48.9 146.8

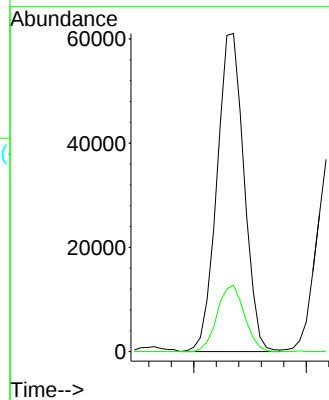
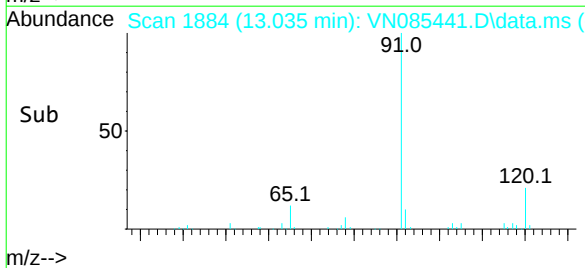
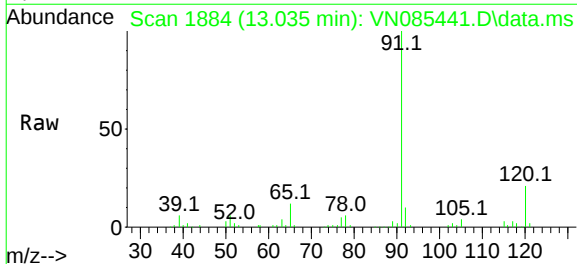
Manual Integrations  
 APPROVED

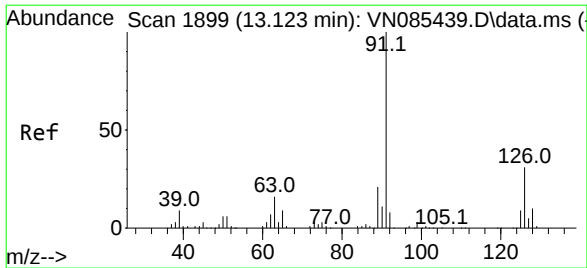
Reviewed By :John Carlone 01/15/2025  
 Supervised By :Mahesh Dadoda 01/15/2025



n-propylbenzene  
 Concen: 9.628 ug/l  
 RT: 13.035 min Scan# 1884  
 Delta R.T. 0.006 min  
 Lab File: VN085441.D  
 Acq: 14 Jan 2025 16:07

Tgt Ion: 91 Resp: 102262  
 Ion Ratio Lower Upper  
 91 100  
 120 20.9 10.9 32.6





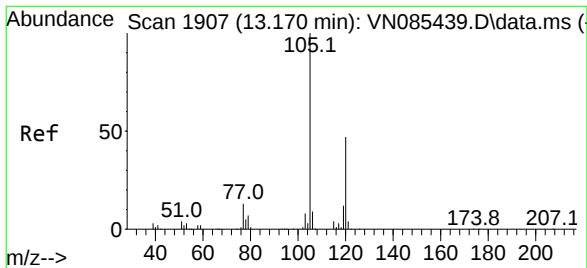
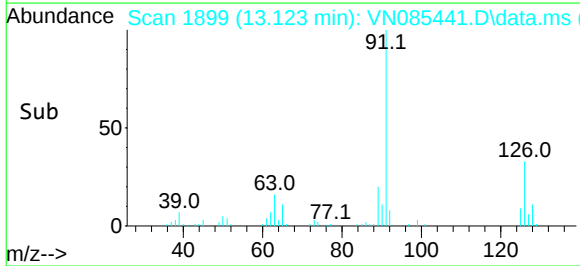
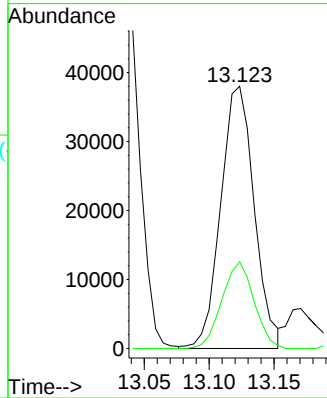
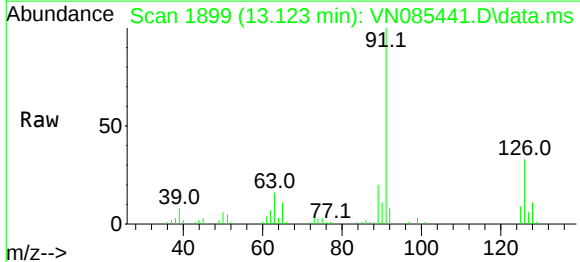
#79  
2-Chlorotoluene  
Concen: 9.943 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 91 Resp: 68346  
Ion Ratio Lower Upper  
91 100  
126 31.5 15.7 47.1

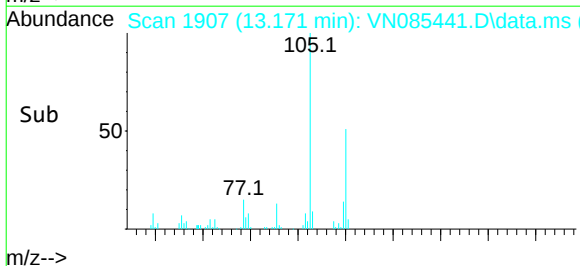
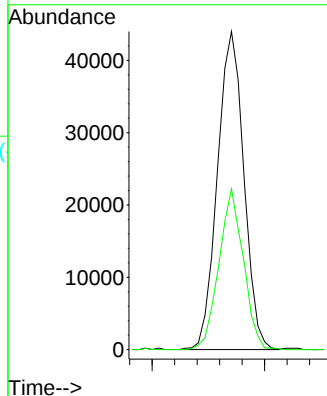
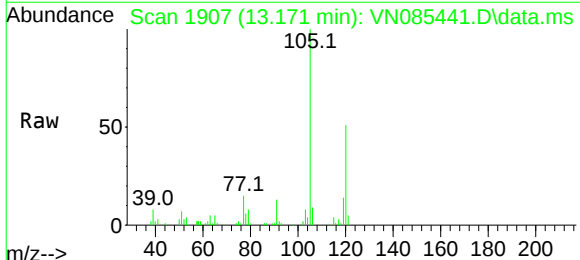
Manual Integrations  
APPROVED

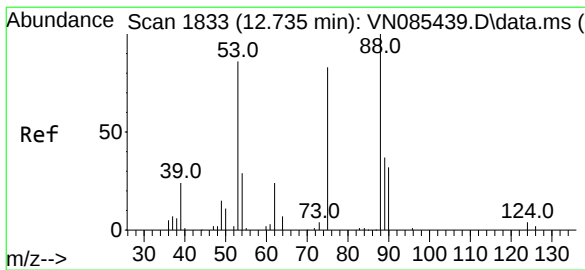
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 9.669 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Tgt Ion:105 Resp: 71656  
Ion Ratio Lower Upper  
105 100  
120 46.8 23.9 71.7





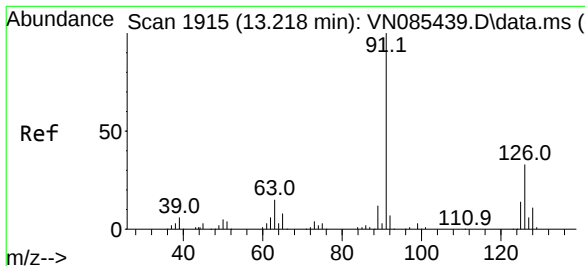
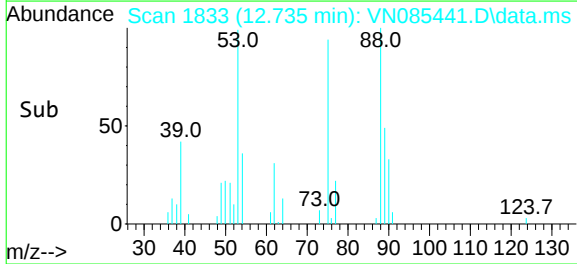
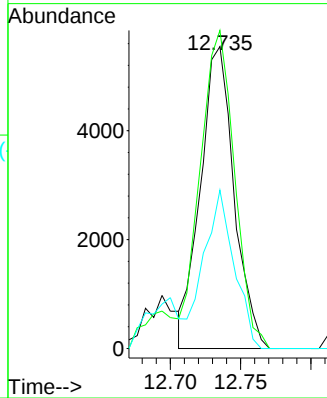
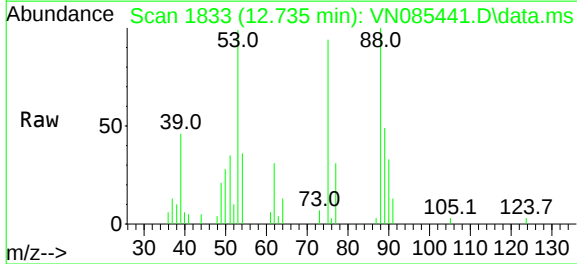
#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.248 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 75 Resp: 9236  
Ion Ratio Lower Upper  
75 100  
53 119.6 95.6 143.4  
89 46.6 37.0 55.6

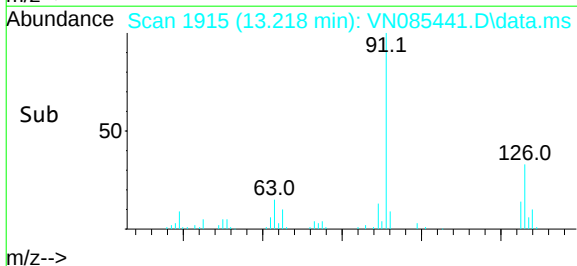
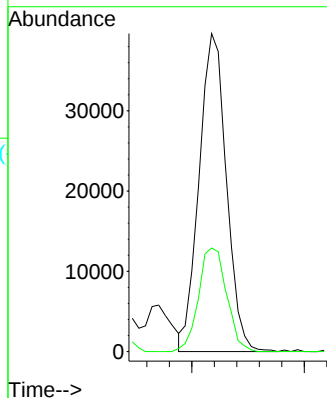
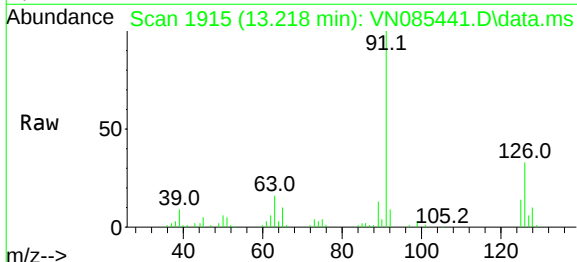
Manual Integrations  
APPROVED

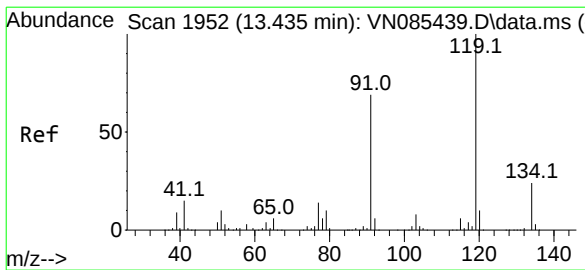
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#82  
4-Chlorotoluene  
Concen: 9.756 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

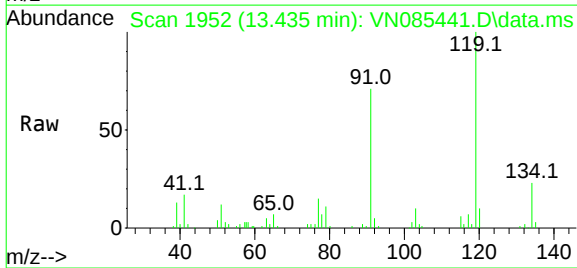
Tgt Ion: 91 Resp: 66773  
Ion Ratio Lower Upper  
91 100  
126 33.6 15.9 47.7





#83  
tert-Butylbenzene  
Concen: 9.553 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

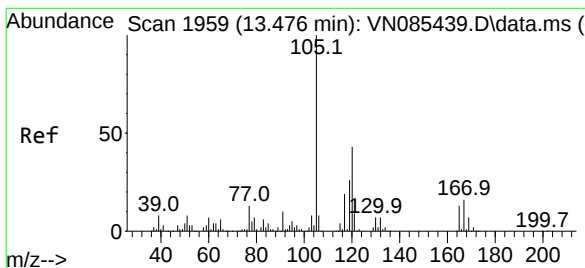
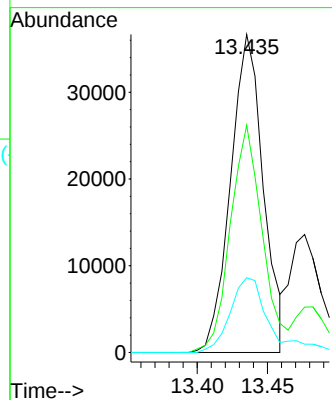
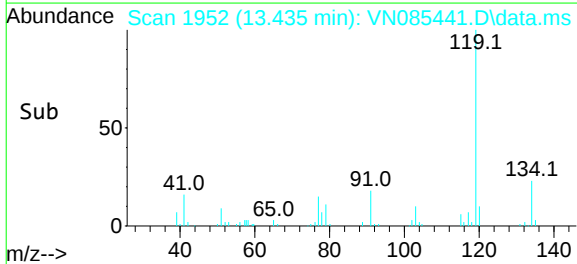
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



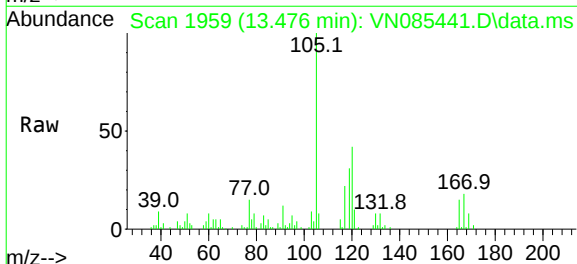
Tgt Ion:119 Resp: 59455  
Ion Ratio Lower Upper  
119 100  
91 70.0 35.1 105.3  
134 27.8 12.0 36.1

Manual Integrations  
APPROVED

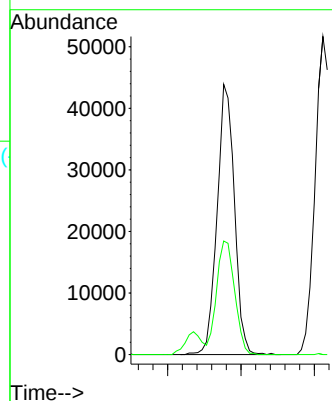
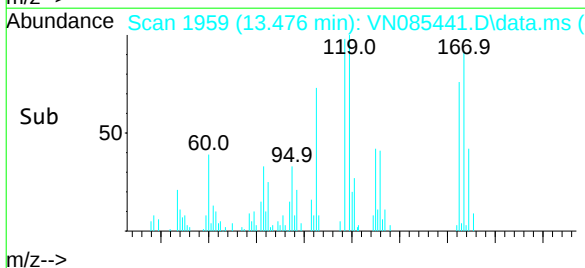
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

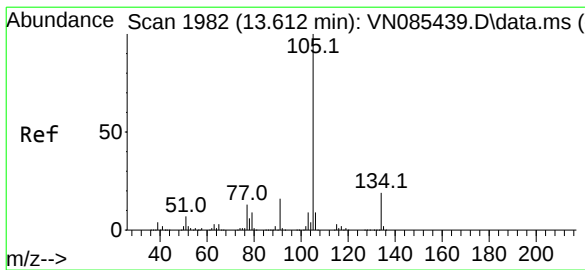


#84  
1,2,4-Trimethylbenzene  
Concen: 9.754 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07



Tgt Ion:105 Resp: 72046  
Ion Ratio Lower Upper  
105 100  
120 43.8 21.6 65.0





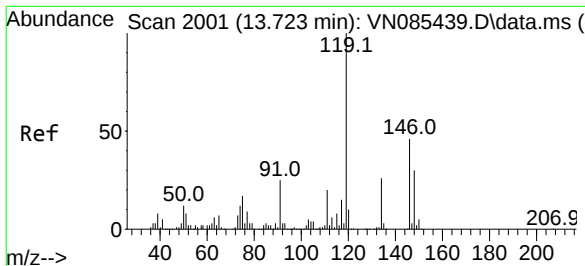
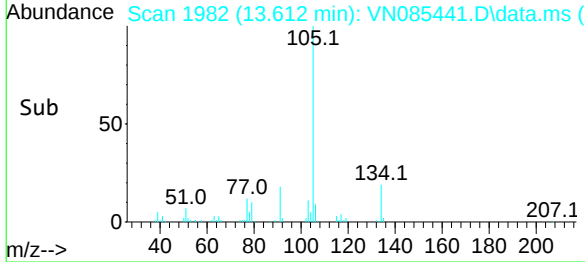
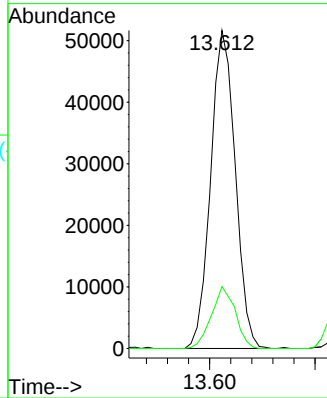
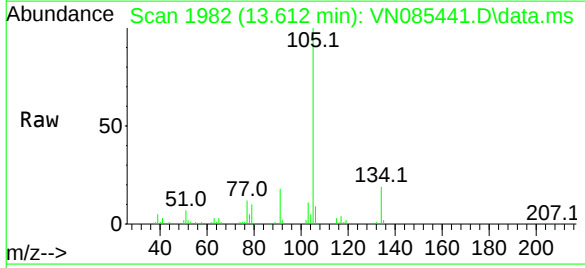
#85  
sec-Butylbenzene  
Concen: 9.699 ug/l  
RT: 13.612 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion:105 Resp: 83662  
Ion Ratio Lower Upper  
105 100  
134 18.9 9.7 28.9

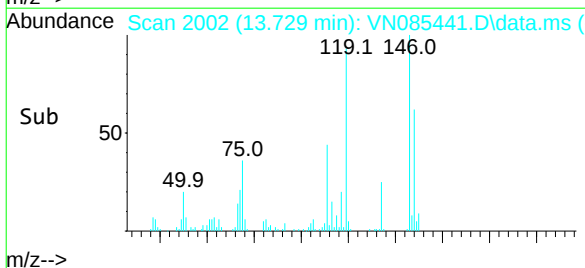
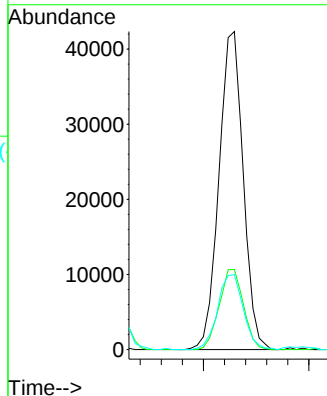
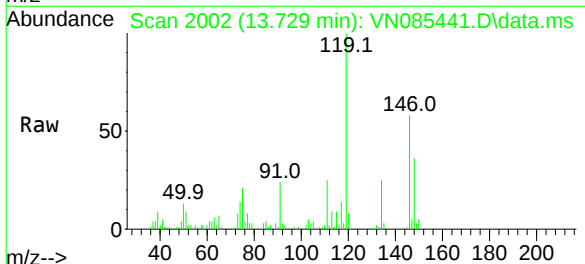
Manual Integrations  
APPROVED

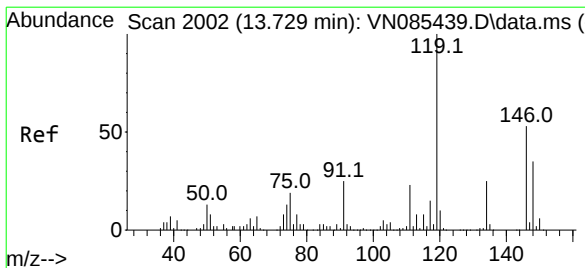
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#86  
p-Isopropyltoluene  
Concen: 9.674 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.006 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

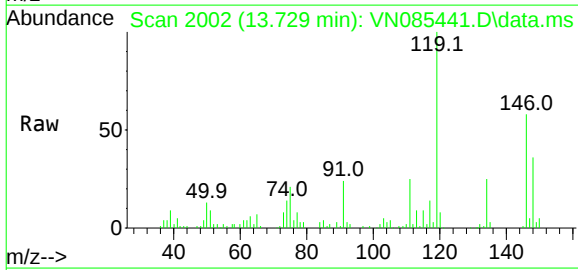
Tgt Ion:119 Resp: 67556  
Ion Ratio Lower Upper  
119 100  
134 25.2 12.7 38.0  
91 25.0 12.7 38.1





#87  
1,3-Dichlorobenzene  
Concen: 9.693 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

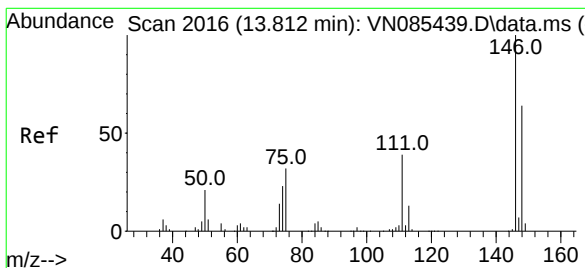
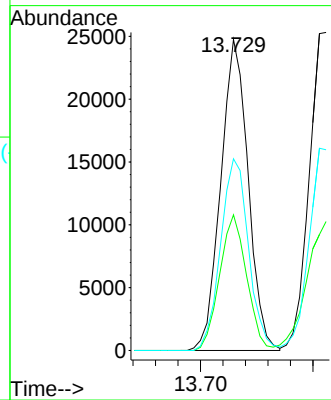
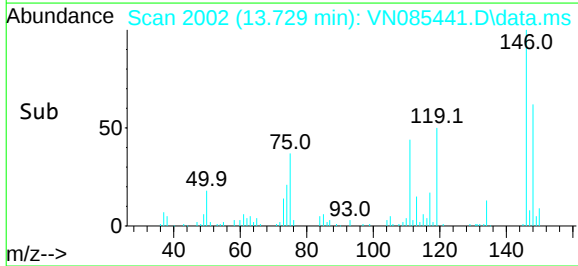
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



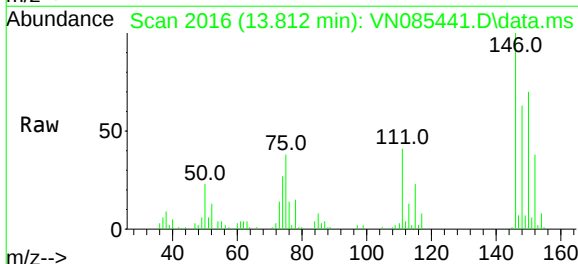
Tgt Ion:146 Resp: 41843  
Ion Ratio Lower Upper  
146 100  
111 43.1 21.4 64.3  
148 63.0 32.3 96.9

Manual Integrations  
APPROVED

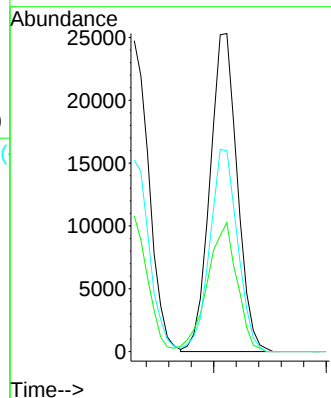
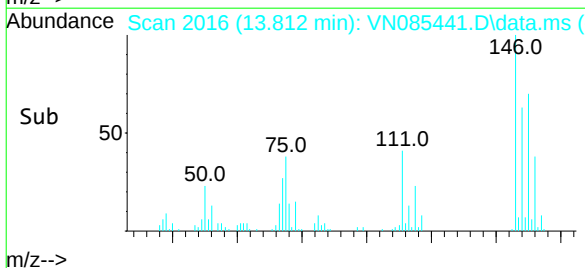
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

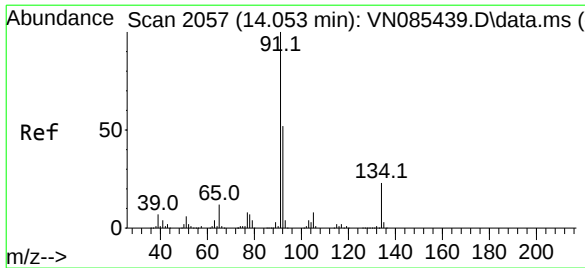


#88  
1,4-Dichlorobenzene  
Concen: 9.549 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07



Tgt Ion:146 Resp: 42728  
Ion Ratio Lower Upper  
146 100  
111 44.0 21.3 63.7  
148 64.6 32.4 97.0





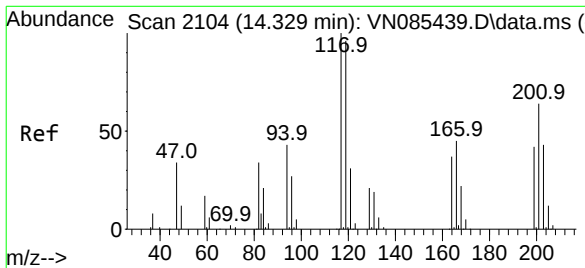
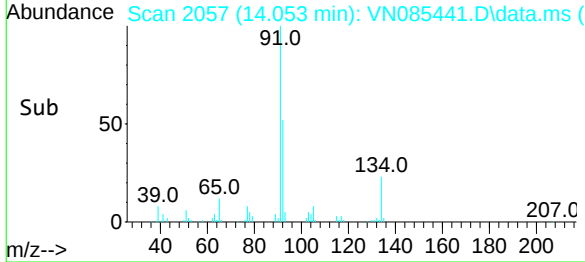
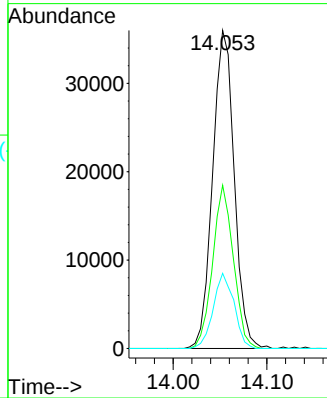
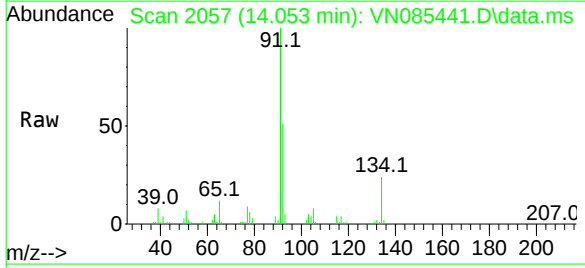
#89  
n-Butylbenzene  
Concen: 9.314 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 57632 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 49.2  | 25.8  | 77.3  |
| 134      | 22.8  | 11.7  | 35.1  |

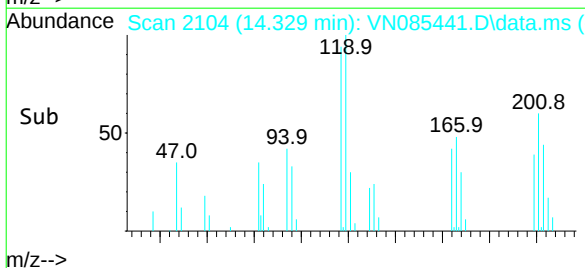
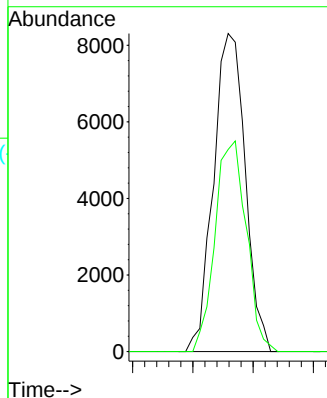
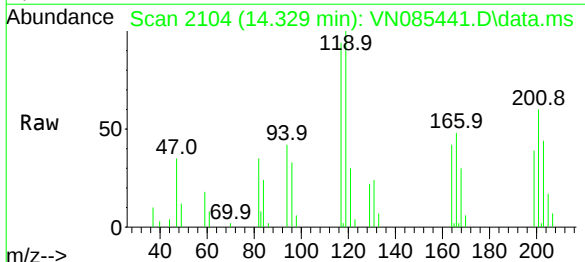
Manual Integrations  
APPROVED

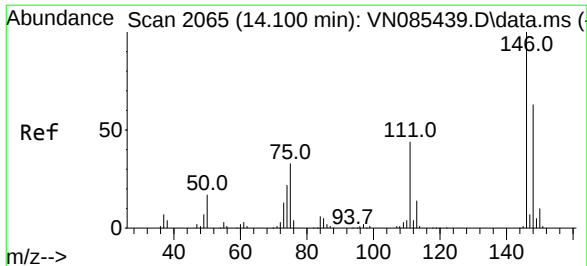
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#90  
Hexachloroethane  
Concen: 9.294 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 15261 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 65.0  | 33.7  | 101.0 |





#91

1,2-Dichlorobenzene

Concen: 9.458 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

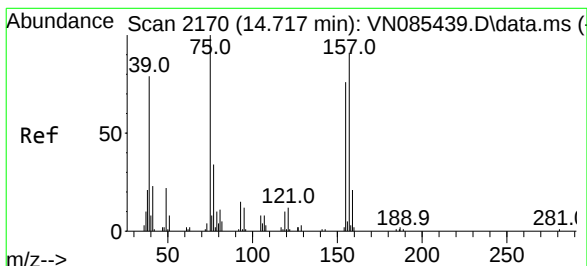
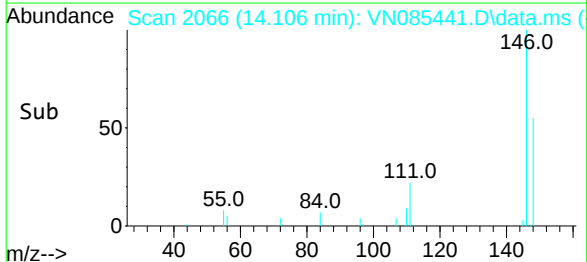
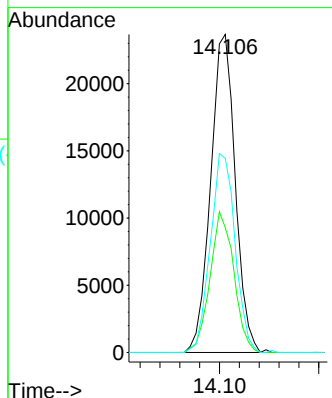
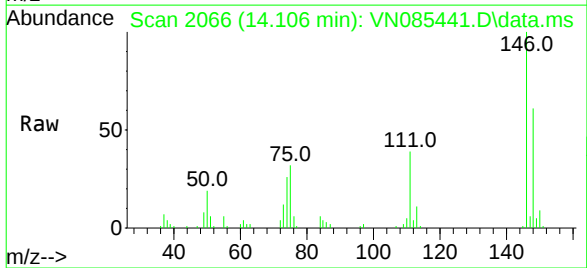
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 40726 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.9  | 21.7  | 65.1  |
| 148      | 62.9  | 31.4  | 94.2  |

Manual Integrations

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Reviewed By :John Carlone 01/15/2025

Supervised By :Mahesh Dadoda 01/15/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.744 ug/l

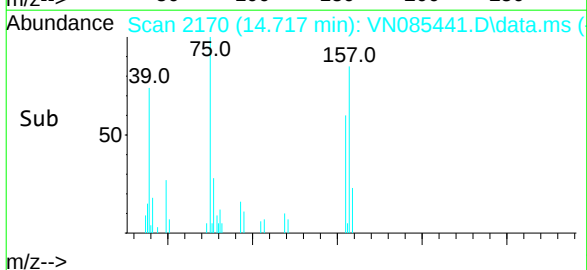
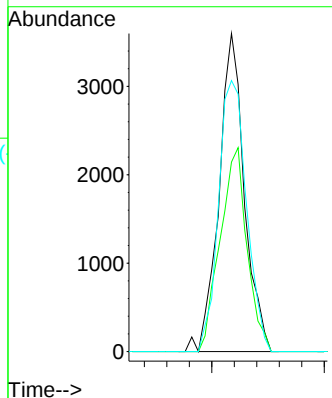
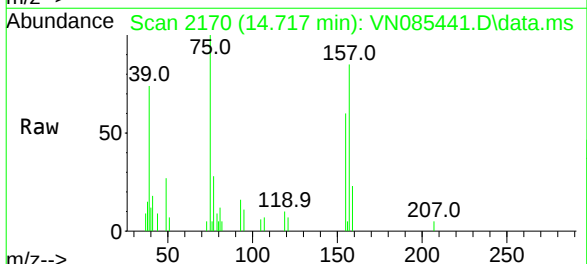
RT: 14.717 min Scan# 2170

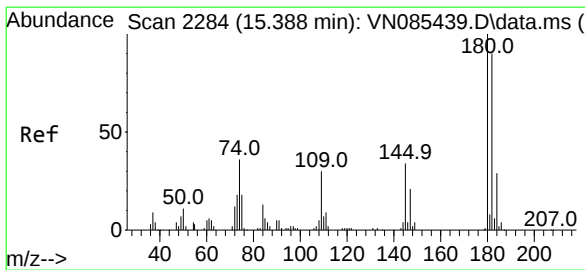
Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

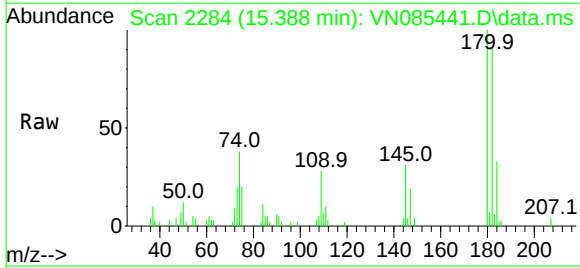
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5639  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 67.9  | 36.4  | 109.2 |
| 157      | 94.1  | 45.4  | 136.1 |





#93  
1,2,4-Trichlorobenzene  
Concen: 9.354 ug/l  
RT: 15.388 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07

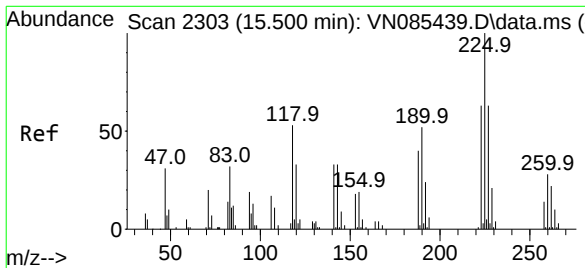
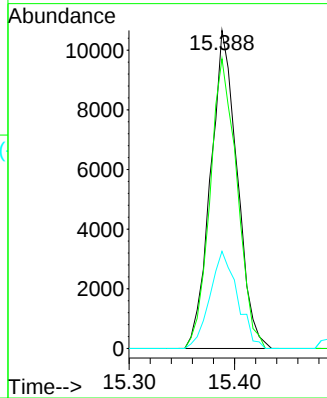
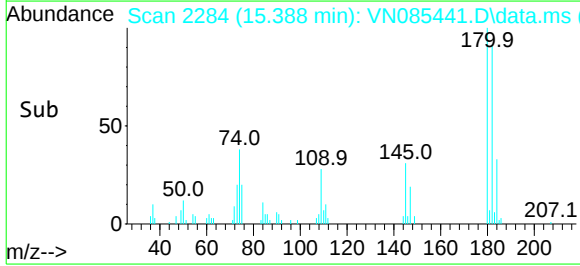
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



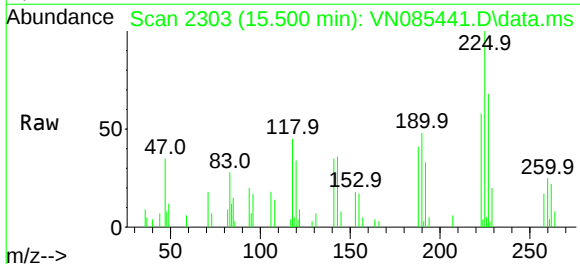
Tgt Ion:180 Resp: 18720  
Ion Ratio Lower Upper  
180 100  
182 92.4 46.8 140.3  
145 31.7 16.0 48.0

Manual Integrations  
APPROVED

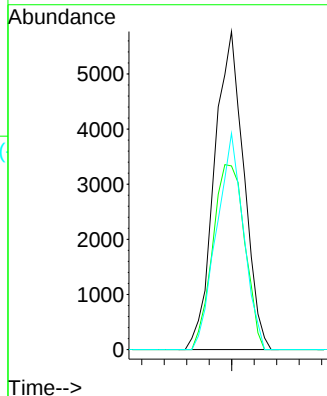
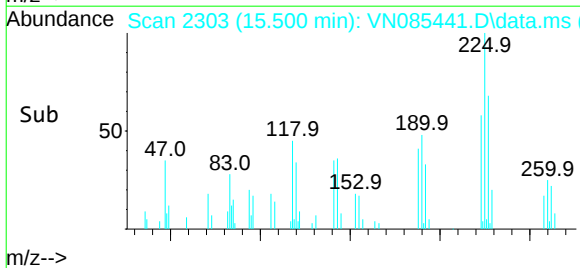
Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025

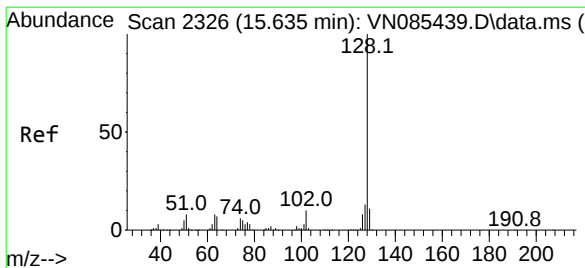


#94  
Hexachlorobutadiene  
Concen: 9.874 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: VN085441.D  
Acq: 14 Jan 2025 16:07



Tgt Ion:225 Resp: 10491  
Ion Ratio Lower Upper  
225 100  
223 63.3 30.7 92.1  
227 62.1 30.9 92.5





#95

Naphthalene

Concen: 8.717 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

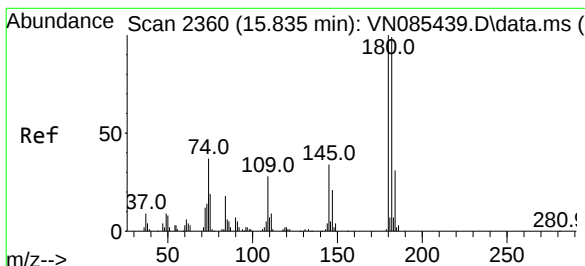
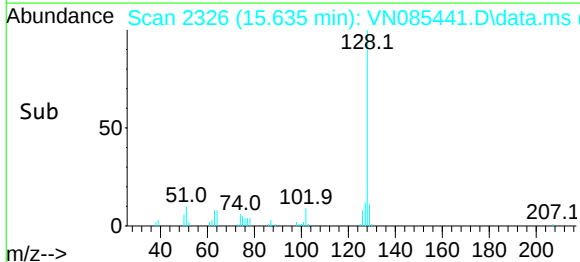
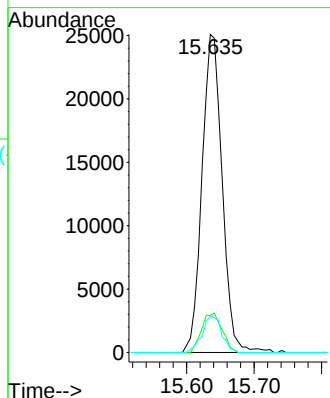
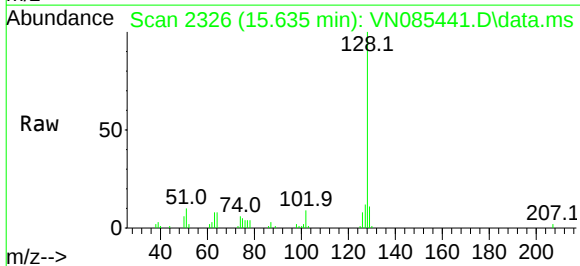
VSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 52054 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.6  | 10.6  | 16.0  |
| 129       | 11.2  | 8.8   | 13.2  |

Manual Integrations

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Reviewed By :John Carlone 01/15/2025  
Supervised By :Mahesh Dadoda 01/15/2025



#96

1,2,3-Trichlorobenzene

Concen: 9.605 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085441.D

Acq: 14 Jan 2025 16:07

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 19450 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 90.3  | 47.4  | 142.2 |
| 145       | 34.7  | 16.9  | 50.7  |

