

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021025\  
 Data File : VN085722.D  
 Acq On : 10 Feb 2025 14:36  
 Operator : JC\MD  
 Sample : VN0210MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/11/2025  
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:21:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 232495     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 390355     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 342656     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788         | 152  | 163261     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 142087     | 37.860   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 75.720%  |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 114983     | 42.459   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 84.920%  |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 403777     | 41.965   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 83.920%# |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 139145     | 42.275   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 84.560%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 71677      | 22.770   | ug/l   | 97       |
| 3) Chloromethane             | 2.359          | 50   | 69147      | 20.288   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512          | 62   | 72075      | 21.039   | ug/l   | 99       |
| 5) Bromomethane              | 2.959          | 94   | 45167      | 21.827   | ug/l   | 100      |
| 6) Chloroethane              | 3.124          | 64   | 45088      | 20.759   | ug/l   | 93       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 102499     | 20.620   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.965          | 74   | 32793      | 19.096   | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 4.371          | 101  | 58253      | 20.806   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.589          | 142  | 71817      | 22.399   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 5.512          | 59   | 43894      | 102.141  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.342          | 96   | 51978      | 20.831   | ug/l   | 91       |
| 13) Acrolein                 | 4.177          | 56   | 45365      | 77.331   | ug/l   | 97       |
| 14) Allyl chloride           | 5.024          | 41   | 69318      | 17.120   | ug/l   | 94       |
| 15) Acrylonitrile            | 5.712          | 53   | 137117     | 100.453  | ug/l   | 97       |
| 16) Acetone                  | 4.430          | 43   | 109739     | 90.498   | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.712          | 76   | 153054     | 19.922   | ug/l   | 96       |
| 18) Methyl Acetate           | 5.018          | 43   | 69862      | 18.946   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.794          | 73   | 165811     | 20.465   | ug/l   | 96       |
| 20) Methylene Chloride       | 5.277          | 84   | 61169      | 20.377   | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.789          | 96   | 53500      | 20.063   | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.671          | 45   | 167294     | 18.615   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.600          | 43   | 591086     | 93.983   | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.565          | 63   | 105966     | 19.338   | ug/l   | 97       |
| 25) 2-Butanone               | 7.483          | 43   | 165770     | 92.896   | ug/l   | 90       |
| 26) 2,2-Dichloropropane      | 7.488          | 77   | 93656      | 21.139   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.483          | 96   | 64373      | 20.495   | ug/l   | 94       |
| 28) Bromochloromethane       | 7.806          | 49   | 43387      | 17.018   | ug/l   | 85       |
| 29) Tetrahydrofuran          | 7.835          | 42   | 109676     | 96.942   | ug/l   | 92       |
| 30) Chloroform               | 7.959          | 83   | 109853     | 19.396   | ug/l   | 96       |
| 31) Cyclohexane              | 8.253          | 56   | 84821      | 17.809   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 98211      | 19.769   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 74569      | 19.620   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.559          | 43   | 70297      | 18.324   | ug/l # | 98       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 88654      | 20.374   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.600          | 83   | 71533      | 20.028   | ug/l   | 95       |
| 40) Benzene                  | 8.600          | 78   | 235422     | 20.615   | ug/l   | 99       |

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 Sample : VN0210MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 02/11/2025  
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:21:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 15 02:16:08 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 35905    | 17.989  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 81293    | 18.900  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 125046   | 20.342  | ug/l   | 98       |
| 44) Trichloroethene           | 9.347  | 130  | 55187    | 20.760  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 57988    | 19.879  | ug/l   | 99       |
| 46) Dibromomethane            | 9.700  | 93   | 42150    | 20.026  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.882  | 83   | 87989    | 20.519  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.676  | 41   | 53387    | 19.299  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 19301    | 414.319 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 346580   | 97.160  | ug/l   | 96       |
| 52) Toluene                   | 10.629 | 92   | 144514   | 21.840  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 81421    | 20.092  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 90599    | 20.930  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 55427    | 21.166  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 76834    | 18.676  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 96038    | 21.092  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 171485   | 103.193 | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 244245   | 97.312  | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.353 | 129  | 64634    | 20.444  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 54180    | 20.785  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 51850    | 22.196  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 155179   | 20.673  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 56205    | 20.401  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.959 | 91   | 250718   | 20.507  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.070 | 106  | 196688   | 43.529  | ug/l   | 97       |
| 69) o-Xylene                  | 12.394 | 106  | 92172    | 21.345  | ug/l   | 96       |
| 70) Styrene                   | 12.406 | 104  | 152856   | 21.389  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 43305    | 21.968  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 228264   | 20.716  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.488 | 43   | 89176    | 18.006  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 78605    | 20.195  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 61778m   | 18.617  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 59400    | 20.634  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.035 | 91   | 264974   | 20.313  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 168741   | 19.988  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 191275   | 21.016  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 26604m   | 21.691  | ug/l   |          |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 171538   | 20.407  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 154006   | 20.149  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 191646   | 21.127  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 218921   | 20.666  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 176413   | 19.982  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 108114   | 20.393  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 108033   | 19.659  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 142915   | 18.805  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 36727    | 18.212  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 102541   | 19.390  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 14455    | 20.337  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 46061    | 18.740  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 25214    | 19.323  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 137240   | 18.712  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 47933    | 19.274  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021025\  
Data File : VN085722.D  
Acq On : 10 Feb 2025 14:36  
Operator : JC\MD  
Sample : VN0210MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Manual Integrations  
APPROVED

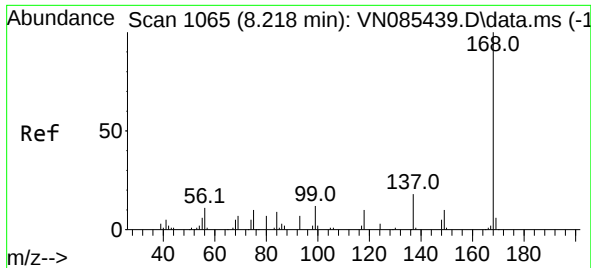
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 03:21:47 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011425W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 15 02:16:08 2025  
Response via : Initial Calibration

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

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





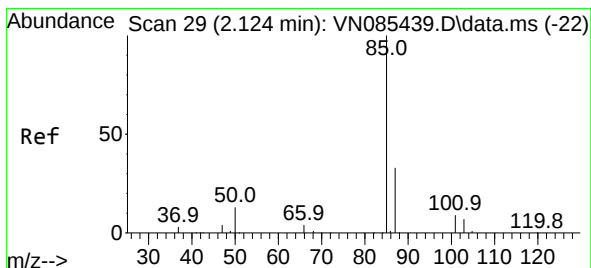
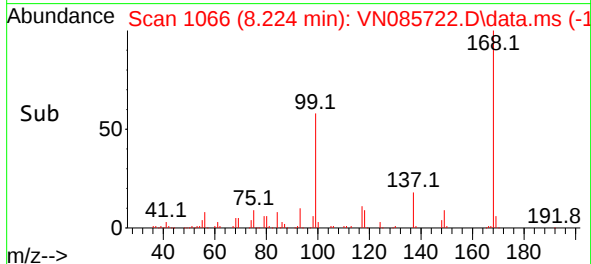
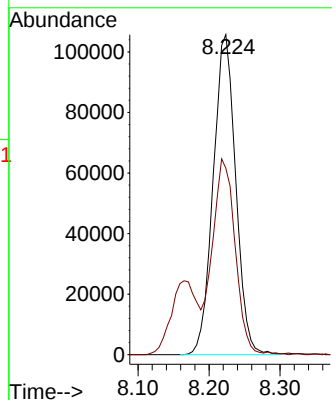
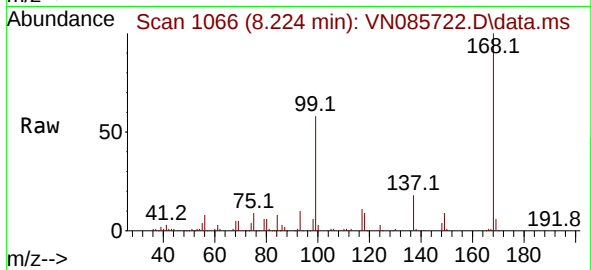
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:168 Resp: 23249  
Ion Ratio Lower Upper  
168 100  
99 58.0 53.6 80.4

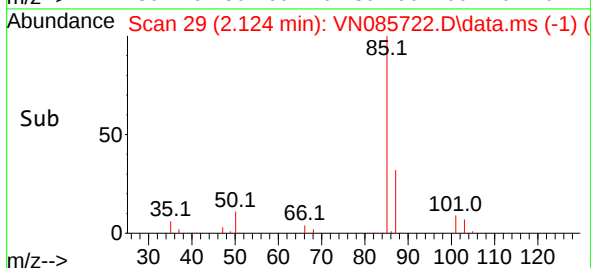
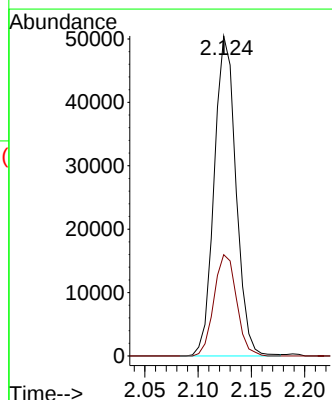
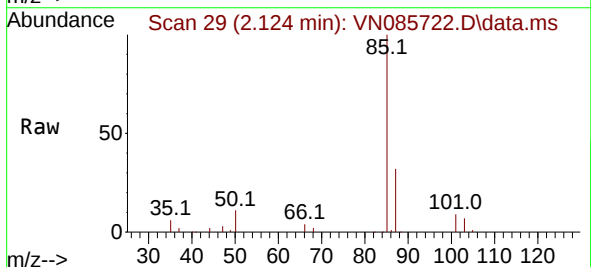
Manual Integrations  
APPROVED

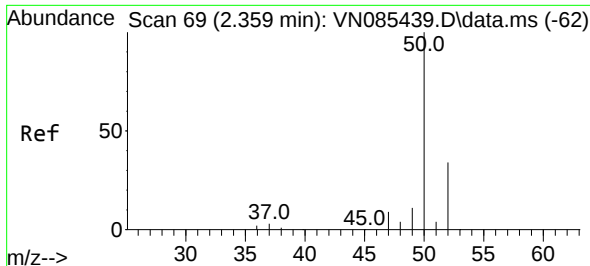
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#2  
Dichlorodifluoromethane  
Concen: 22.770 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion: 85 Resp: 71677  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.7 50.1





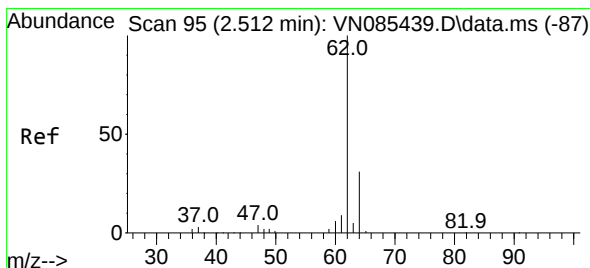
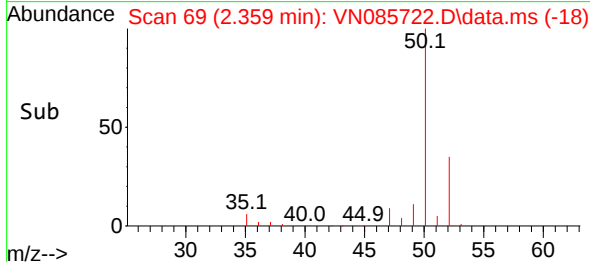
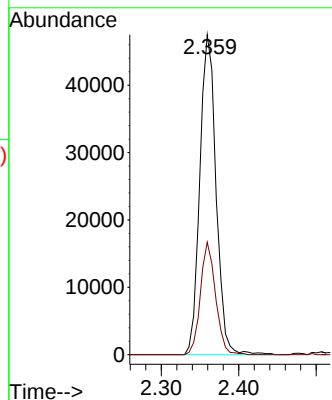
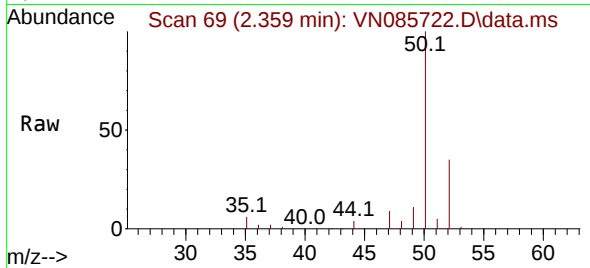
#3  
Chloromethane  
Concen: 20.288 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 50 Resp: 6914  
Ion Ratio Lower Upper  
50 100  
52 35.2 27.0 40.6

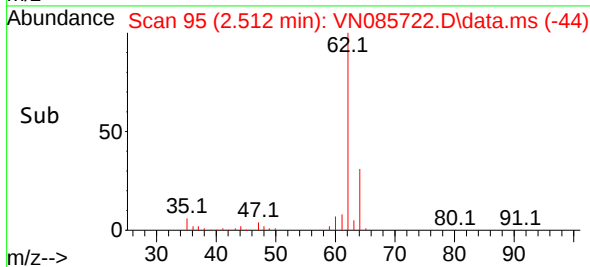
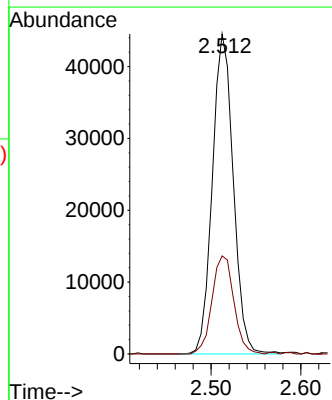
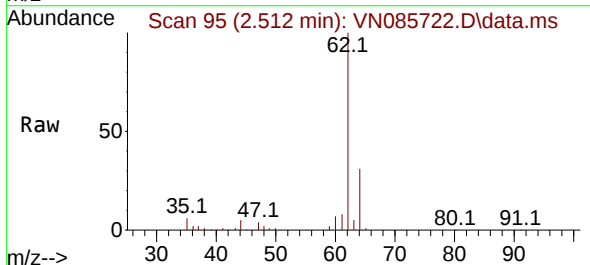
Manual Integrations  
APPROVED

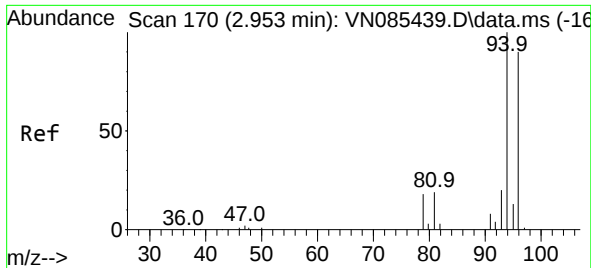
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#4  
Vinyl Chloride  
Concen: 21.039 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

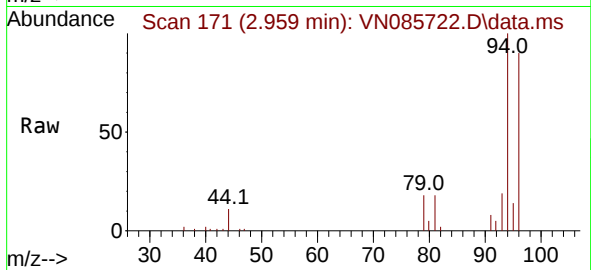
Tgt Ion: 62 Resp: 72075  
Ion Ratio Lower Upper  
62 100  
64 30.6 24.8 37.2





#5  
Bromomethane  
Concen: 21.827 ug/l  
RT: 2.959 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

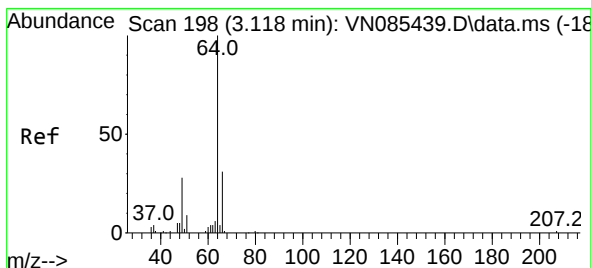
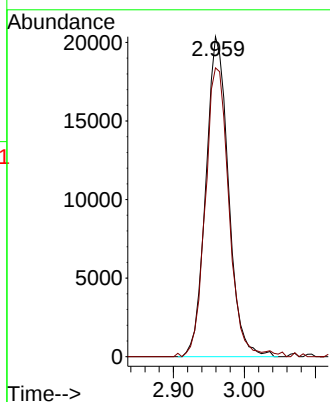
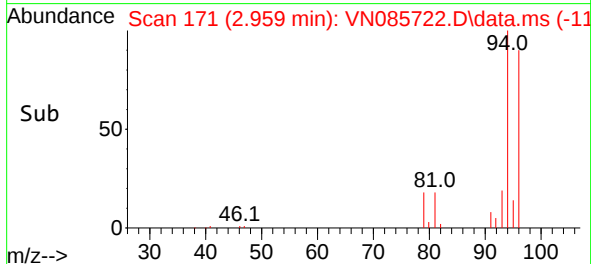
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



Tgt Ion: 94 Resp: 4516  
Ion Ratio Lower Upper  
94 100  
96 89.5 71.8 107.6

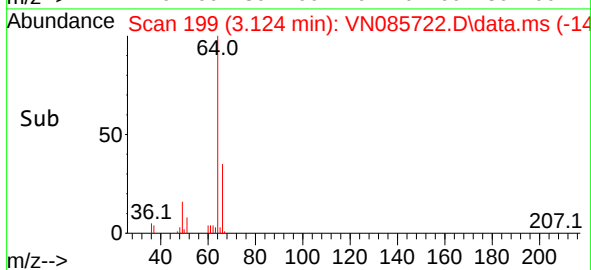
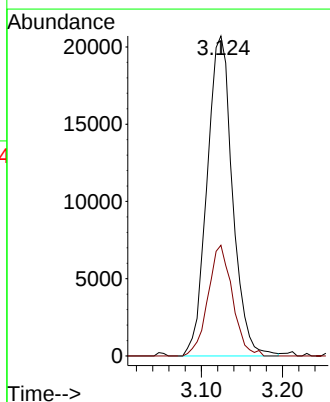
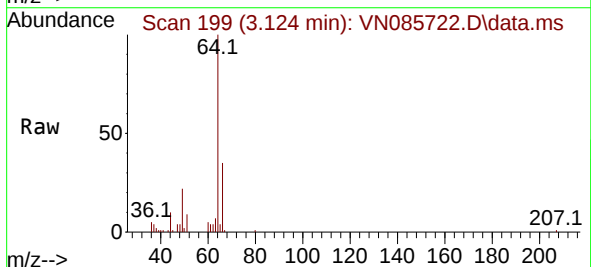
Manual Integrations  
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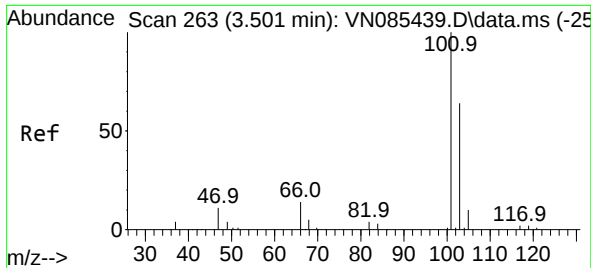
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#6  
Chloroethane  
Concen: 20.759 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

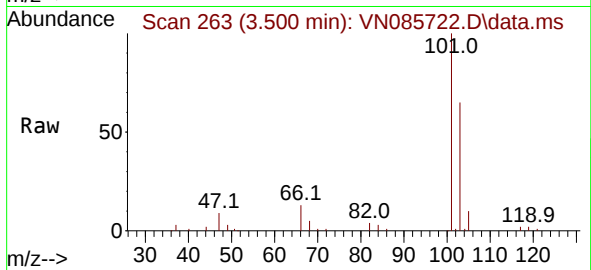
Tgt Ion: 64 Resp: 45088  
Ion Ratio Lower Upper  
64 100  
66 34.6 24.6 36.8





#7  
 Trichlorofluoromethane  
 Concen: 20.620 ug/l  
 RT: 3.500 min Scan# 210  
 Delta R.T. -0.000 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36

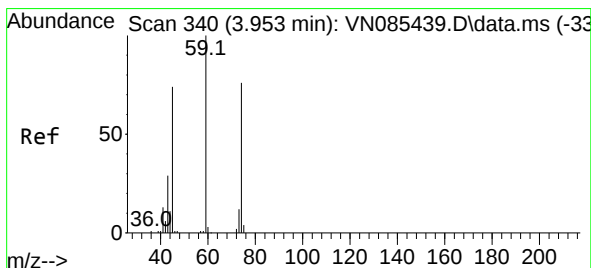
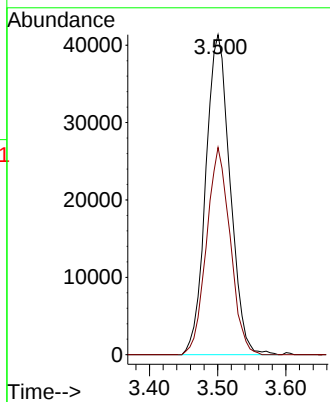
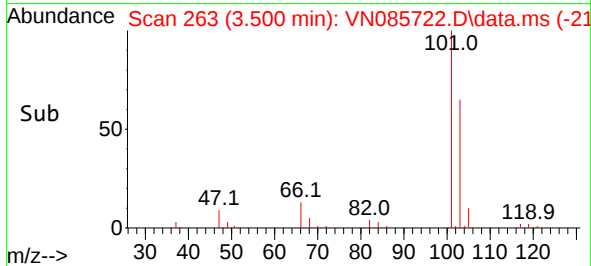
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210MBS01



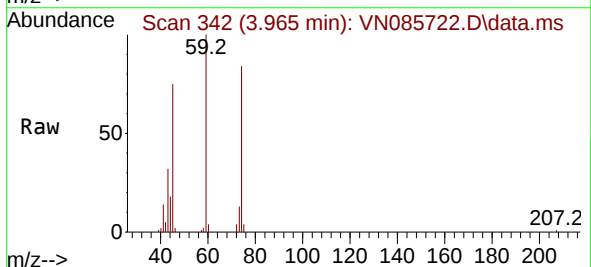
Tgt Ion:101 Resp: 102499  
 Ion Ratio Lower Upper  
 101 100  
 103 64.7 51.4 77.2

Manual Integrations  
 APPROVED

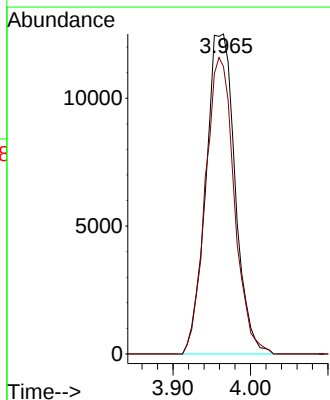
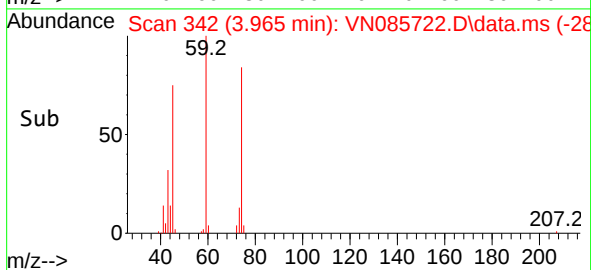
Reviewed By :John Carlone 02/11/2025  
 Supervised By :Mahesh Dadoda 02/11/2025

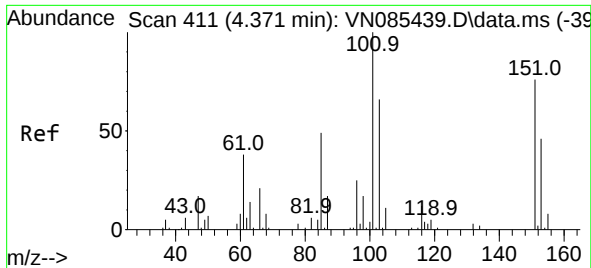


#8  
 Diethyl Ether  
 Concen: 19.096 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.012 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36



Tgt Ion: 74 Resp: 32793  
 Ion Ratio Lower Upper  
 74 100  
 45 91.1 49.7 149.1





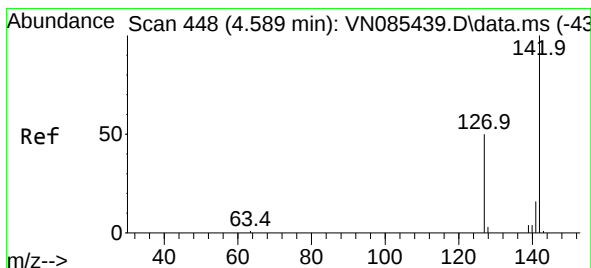
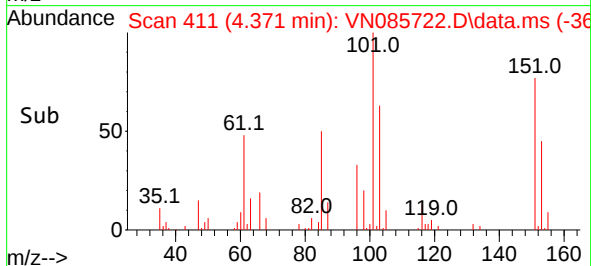
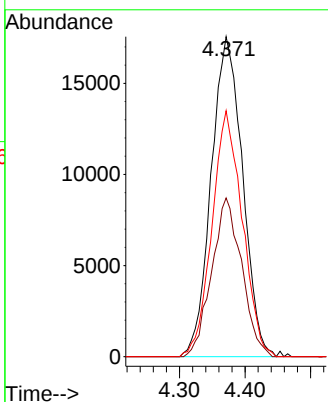
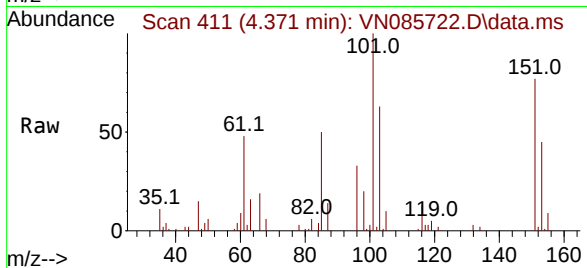
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.806 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:101 Resp: 5825  
Ion Ratio Lower Upper  
101 100  
85 47.5 37.8 56.8  
151 74.3 58.8 88.2

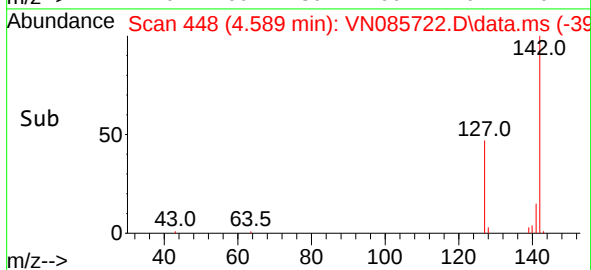
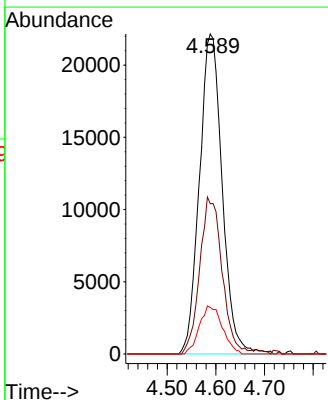
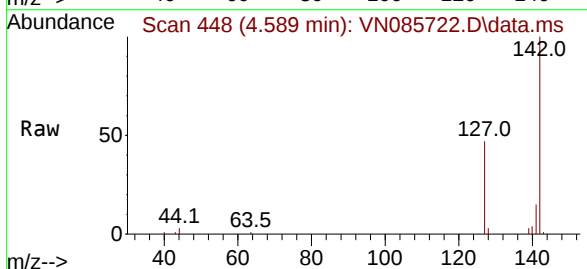
Manual Integrations  
APPROVED

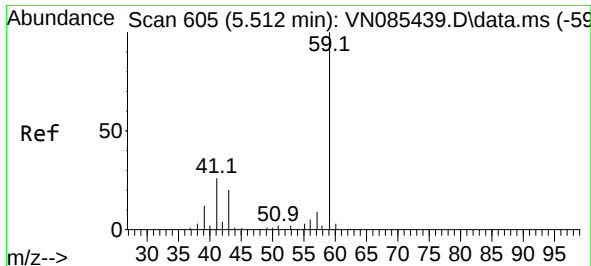
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#10  
Methyl Iodide  
Concen: 22.399 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

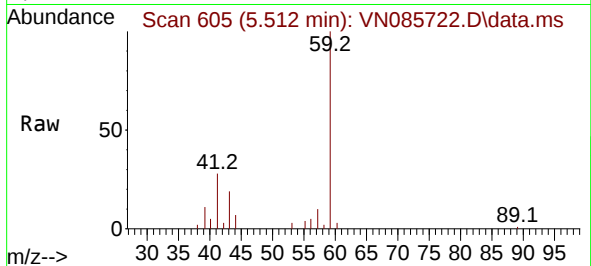
Tgt Ion:142 Resp: 71817  
Ion Ratio Lower Upper  
142 100  
127 47.0 40.3 60.5  
141 14.5 12.8 19.2





#11  
Tert butyl alcohol  
Concen: 102.141 ug/l  
RT: 5.512 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

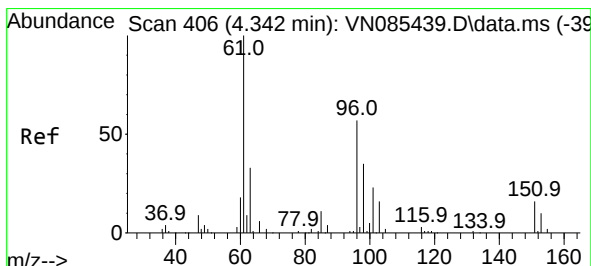
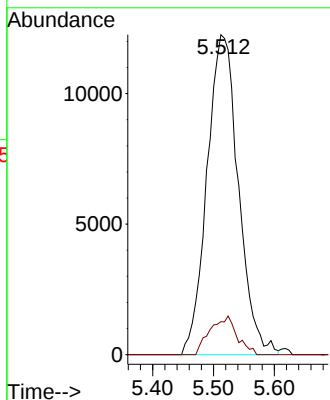
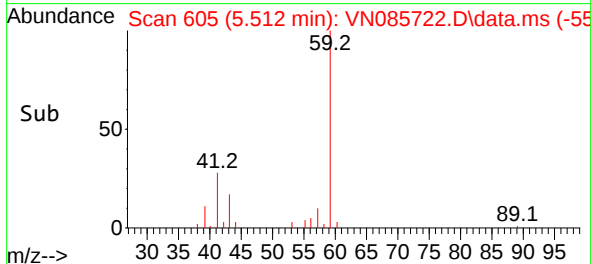
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



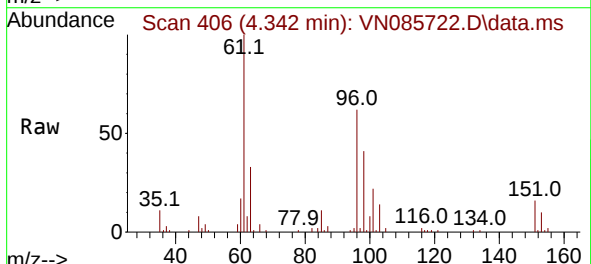
Tgt Ion: 59 Resp: 43894  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.6 13.0

Manual Integrations  
APPROVED

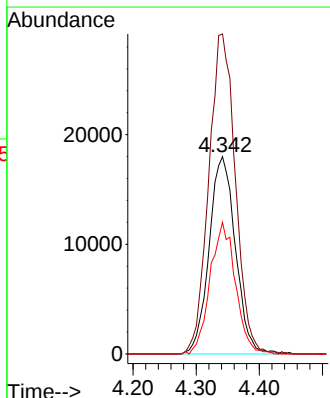
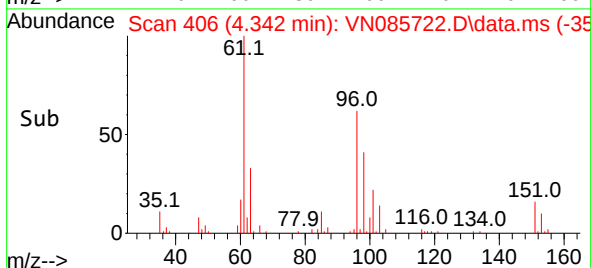
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#12  
1,1-Dichloroethene  
Concen: 20.831 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion: 96 Resp: 51978  
Ion Ratio Lower Upper  
96 100  
61 162.2 141.0 211.4  
98 66.8 49.0 73.6





#13

Acrolein

Concen: 77.331 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 56 Resp: 4536

Ion Ratio Lower Upper

56 100

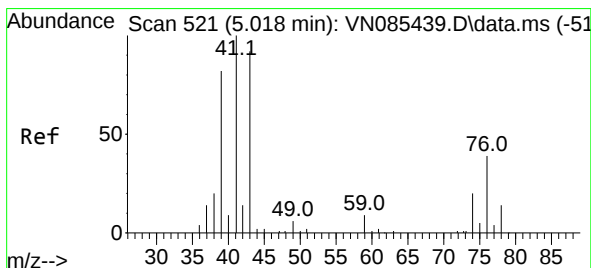
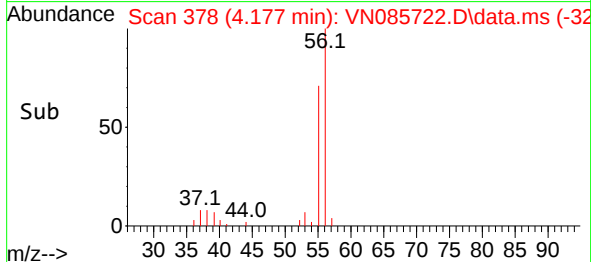
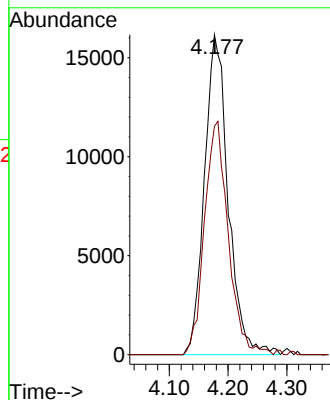
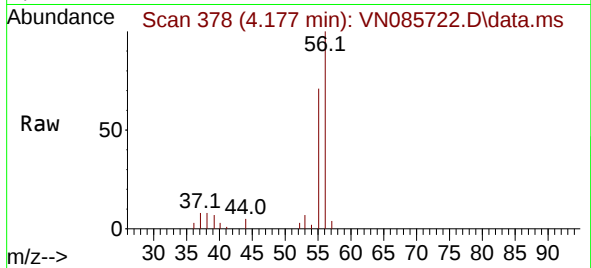
55 73.1 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#14

Allyl chloride

Concen: 17.120 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

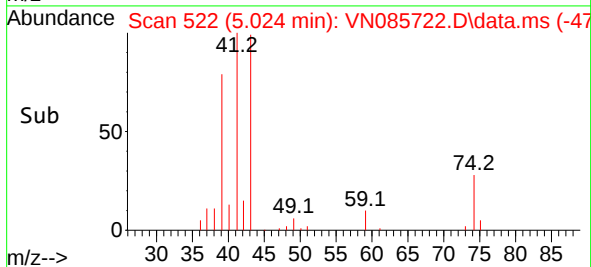
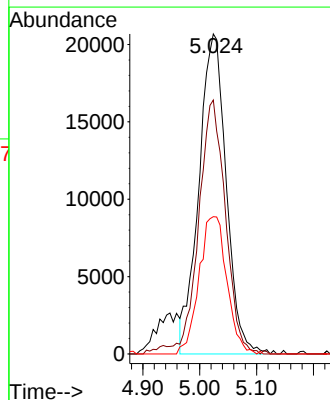
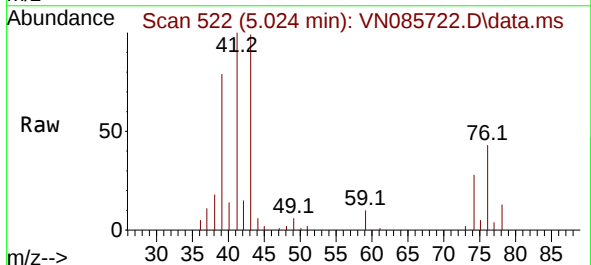
Tgt Ion: 41 Resp: 69318

Ion Ratio Lower Upper

41 100

39 76.8 64.4 96.6

76 43.4 30.5 45.7





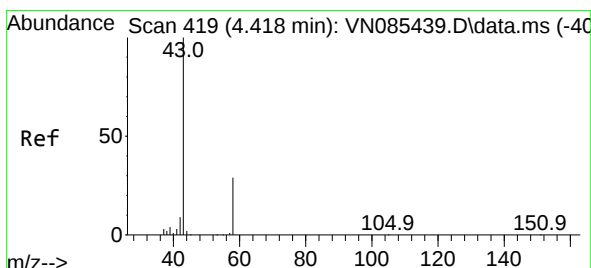
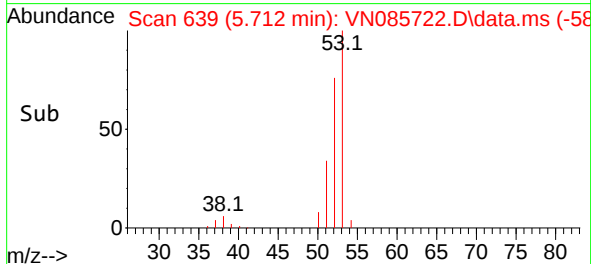
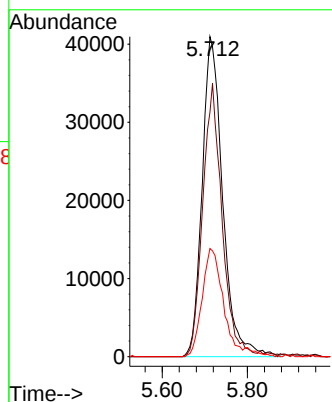
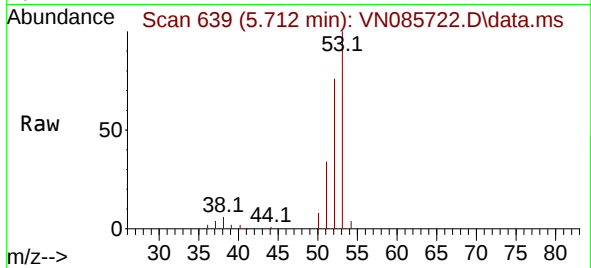
#15  
Acrylonitrile  
Concen: 100.453 ug/l  
RT: 5.712 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 53 Resp: 137117  
Ion Ratio Lower Upper  
53 100  
52 79.9 65.5 98.3  
51 34.1 29.8 44.8

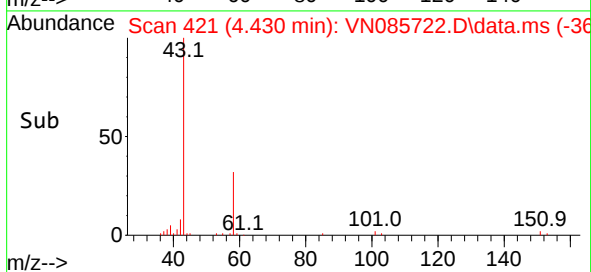
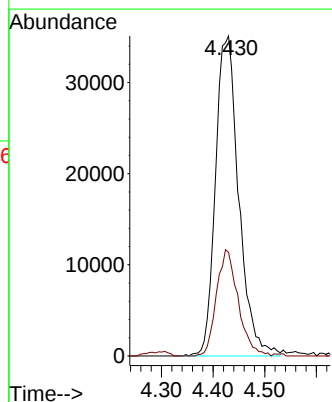
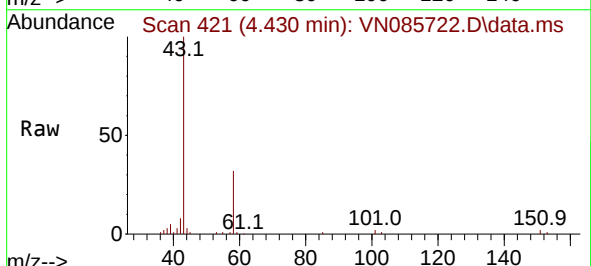
Manual Integrations  
APPROVED

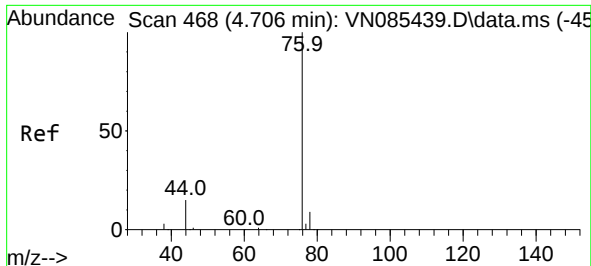
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#16  
Acetone  
Concen: 90.498 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.012 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

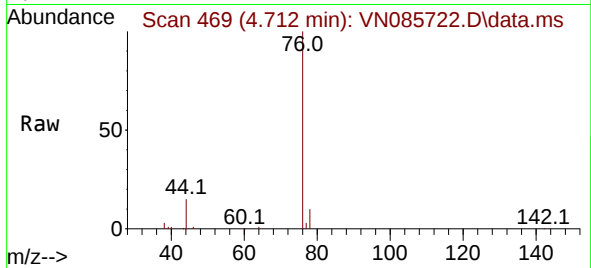
Tgt Ion: 43 Resp: 109739  
Ion Ratio Lower Upper  
43 100  
58 32.4 23.8 35.6





#17  
Carbon Disulfide  
Concen: 19.922 ug/l  
RT: 4.712 min Scan# 469  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

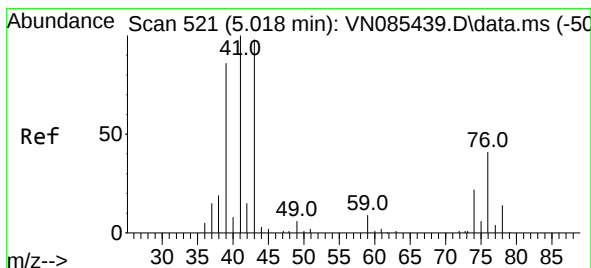
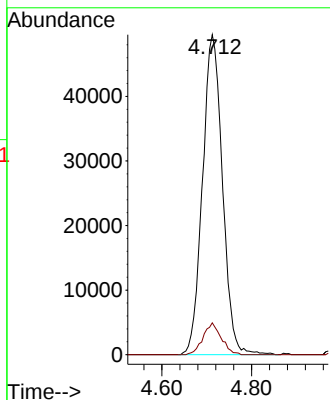
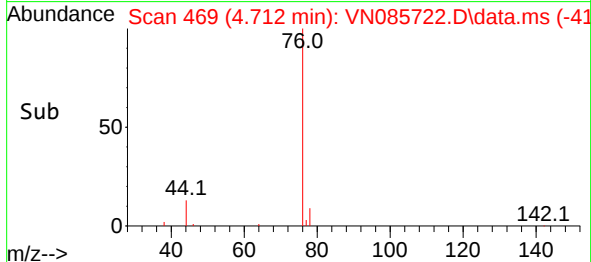
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



Tgt Ion: 76 Resp: 153054  
Ion Ratio Lower Upper  
76 100  
78 10.0 6.9 10.3

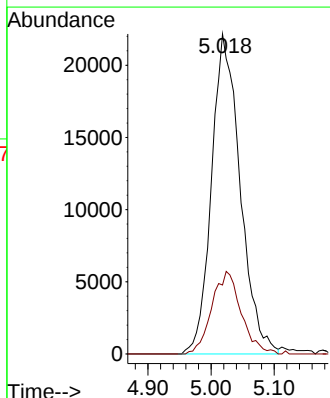
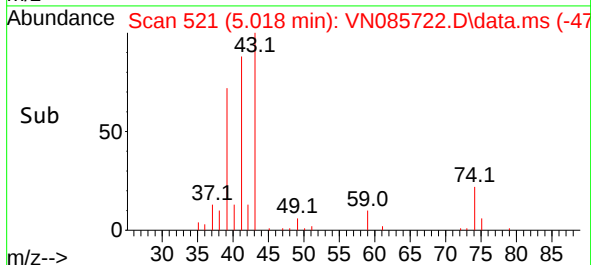
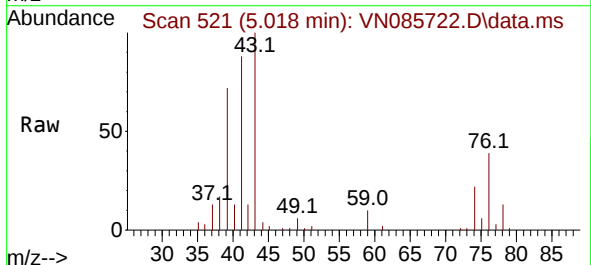
Manual Integrations  
APPROVED

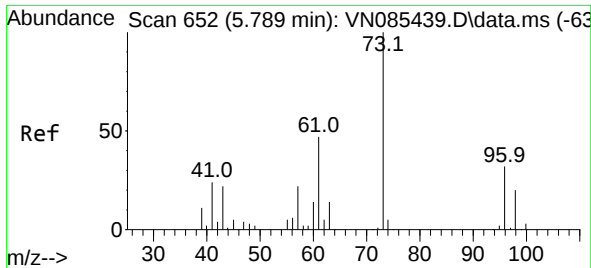
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#18  
Methyl Acetate  
Concen: 18.946 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion: 43 Resp: 69862  
Ion Ratio Lower Upper  
43 100  
74 26.4 18.6 28.0





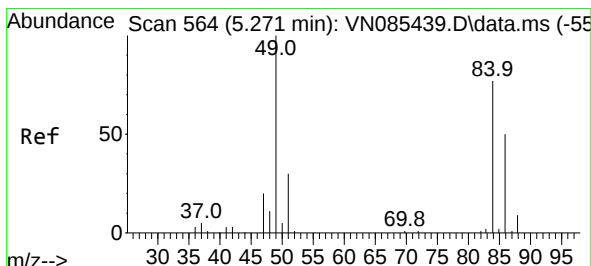
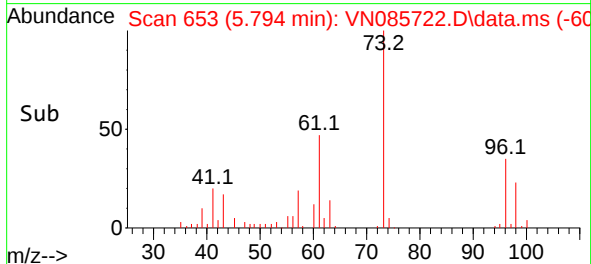
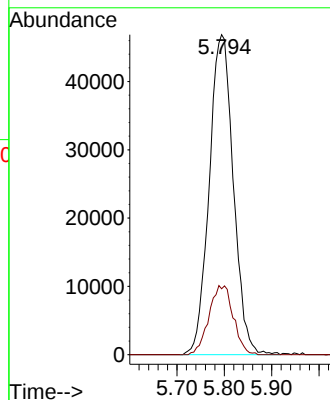
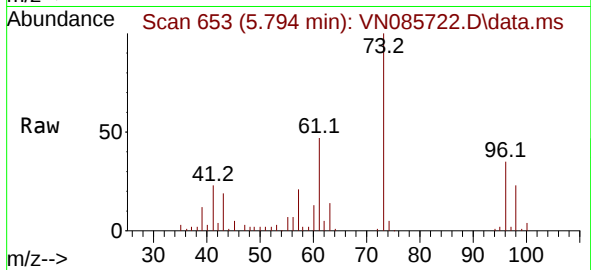
#19  
Methyl tert-butyl Ether  
Concen: 20.465 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 73 Resp: 16581  
Ion Ratio Lower Upper  
73 100  
57 20.6 17.8 26.8

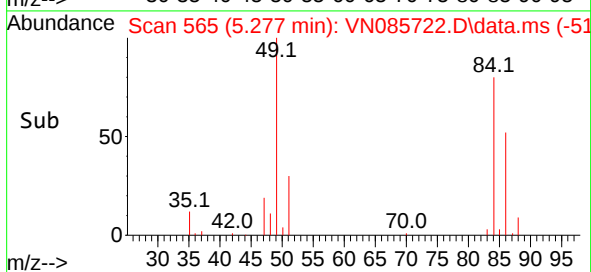
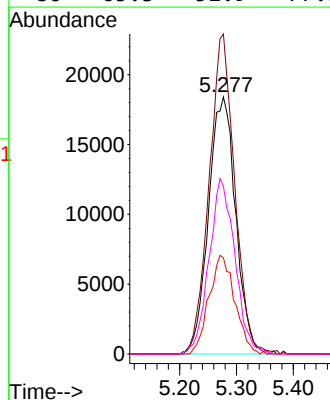
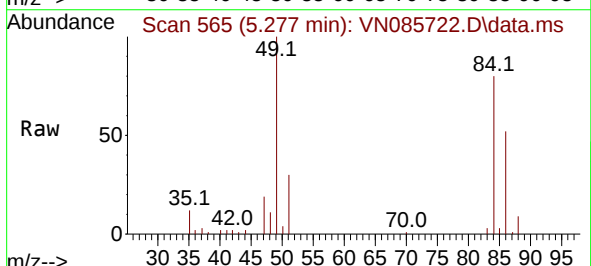
Manual Integrations  
APPROVED

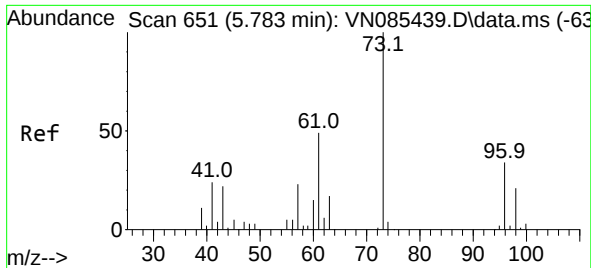
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#20  
Methylene Chloride  
Concen: 20.377 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

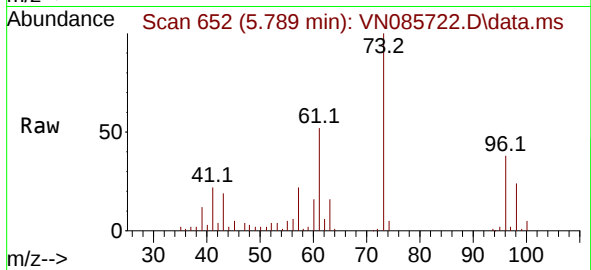
Tgt Ion: 84 Resp: 61169  
Ion Ratio Lower Upper  
84 100  
49 124.5 104.1 156.1  
51 37.4 31.0 46.4  
86 65.3 51.9 77.9





#21  
trans-1,2-Dichloroethene  
Concen: 20.063 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

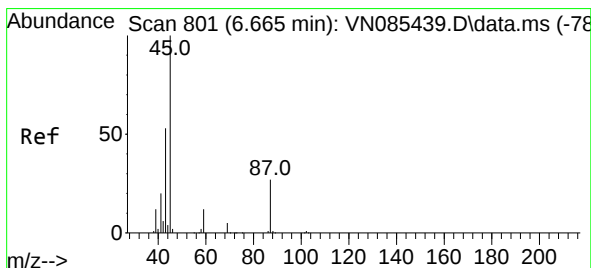
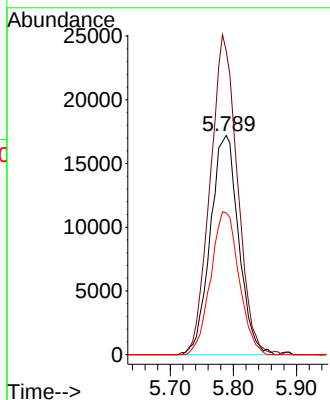
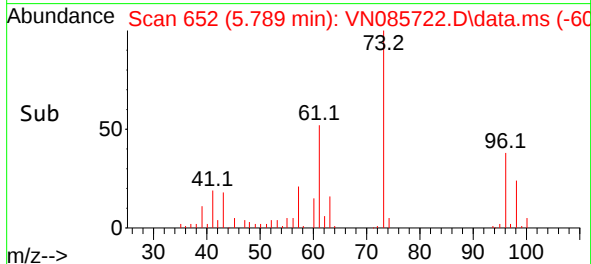
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



Tgt Ion: 96 Resp: 53500  
Ion Ratio Lower Upper  
96 100  
61 138.5 115.7 173.5  
98 64.7 49.8 74.8

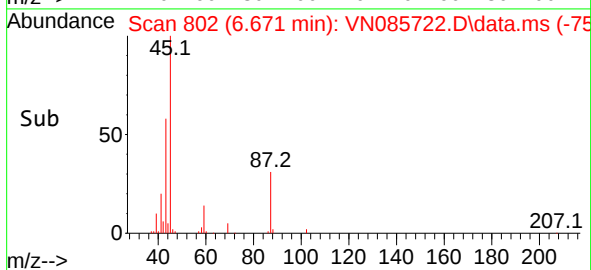
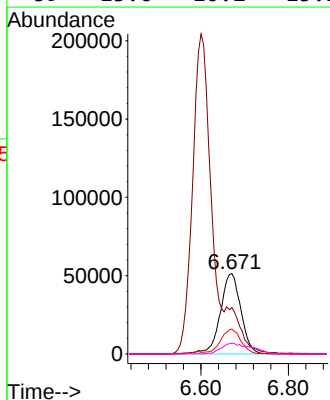
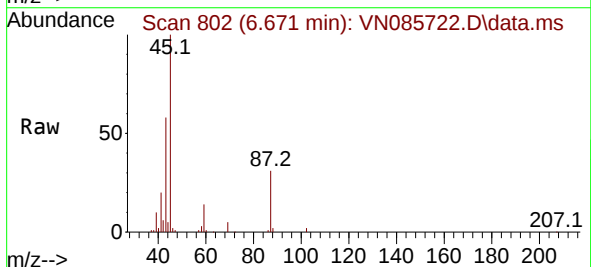
Manual Integrations  
APPROVED

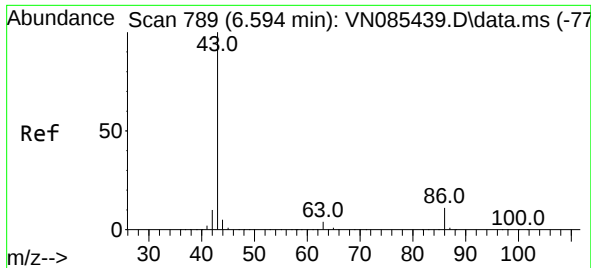
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#22  
Diisopropyl ether  
Concen: 18.615 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion: 45 Resp: 167294  
Ion Ratio Lower Upper  
45 100  
43 56.8 45.0 67.6  
87 31.1 21.8 32.8  
59 13.6 10.2 15.2





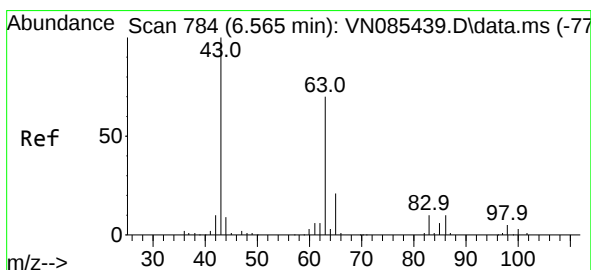
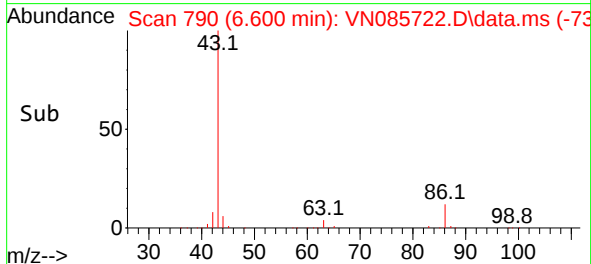
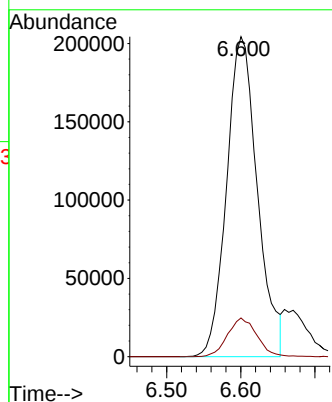
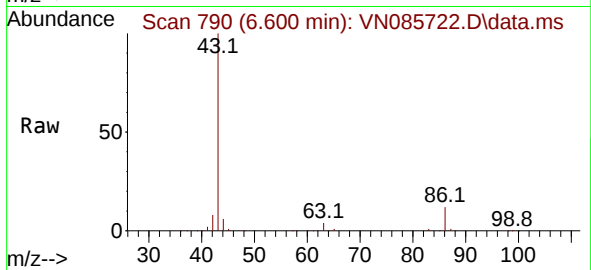
#23  
 Vinyl Acetate  
 Concen: 93.983 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210MBS01

Tgt Ion: 43 Resp: 591086  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 8.4 12.6

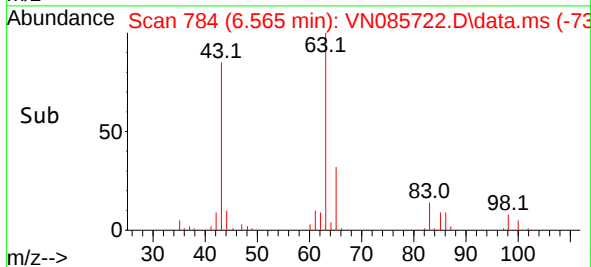
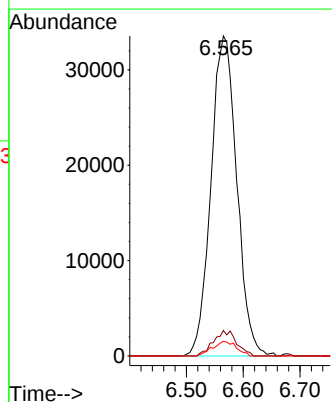
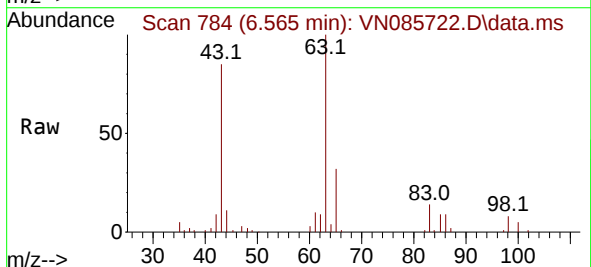
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 02/11/2025  
 Supervised By :Mahesh Dadoda 02/11/2025



#24  
 1,1-Dichloroethane  
 Concen: 19.338 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36

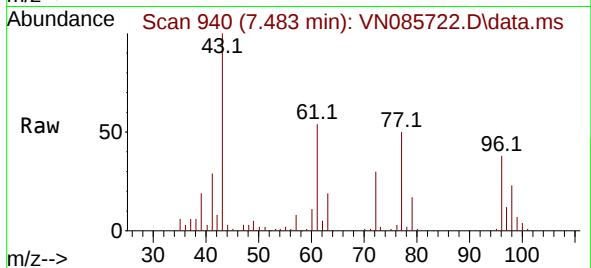
Tgt Ion: 63 Resp: 105966  
 Ion Ratio Lower Upper  
 63 100  
 98 7.9 3.3 9.8  
 100 4.6 2.0 6.0





#25  
2-Butanone  
Concen: 92.896 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

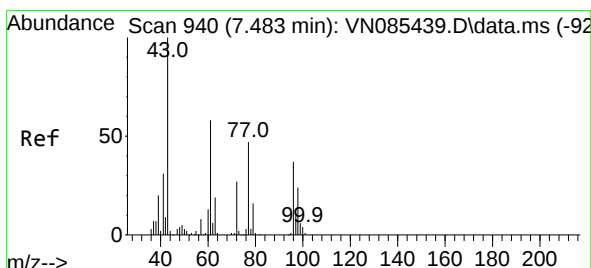
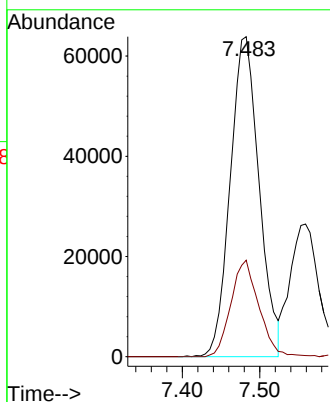
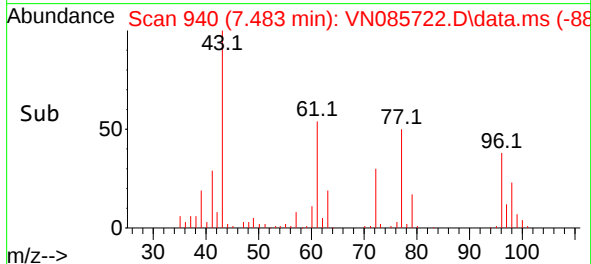
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



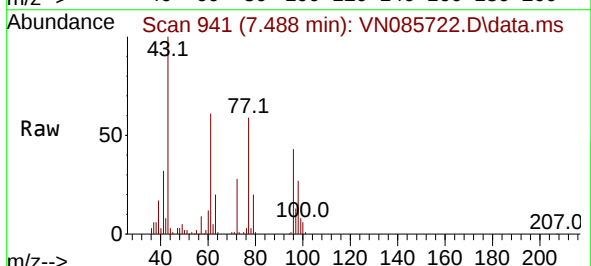
Tgt Ion: 43 Resp: 165770  
Ion Ratio Lower Upper  
43 100  
72 30.1 20.2 30.4

Manual Integrations  
APPROVED

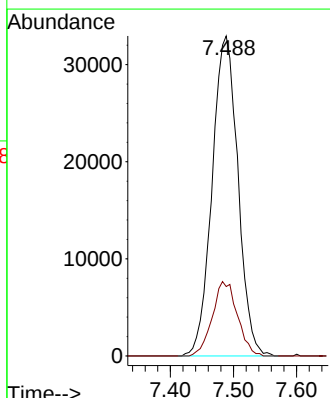
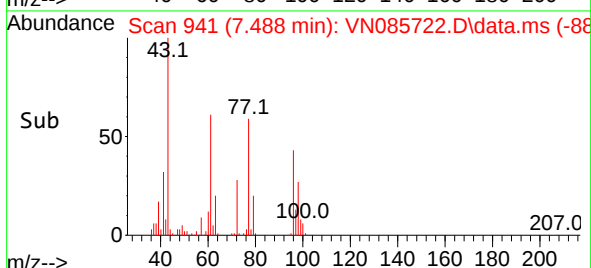
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

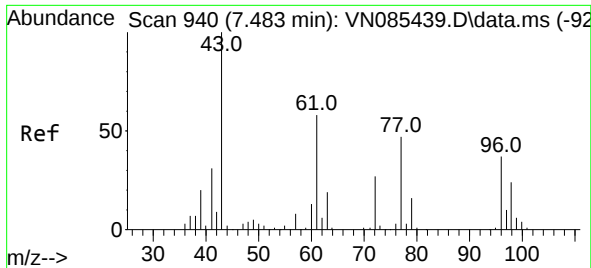


#26  
2,2-Dichloropropane  
Concen: 21.139 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



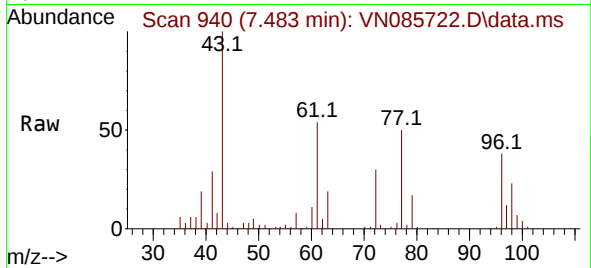
Tgt Ion: 77 Resp: 93656  
Ion Ratio Lower Upper  
77 100  
97 22.5 10.7 32.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 20.495 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. -0.000 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36

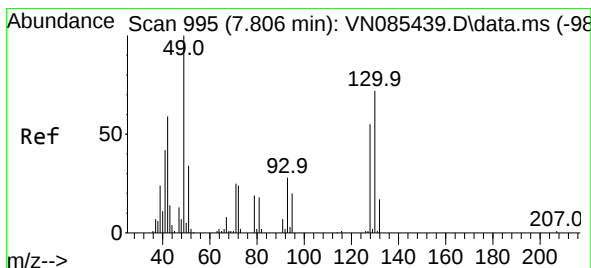
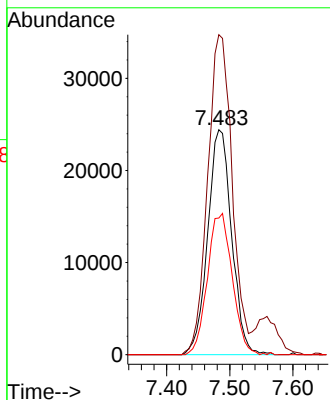
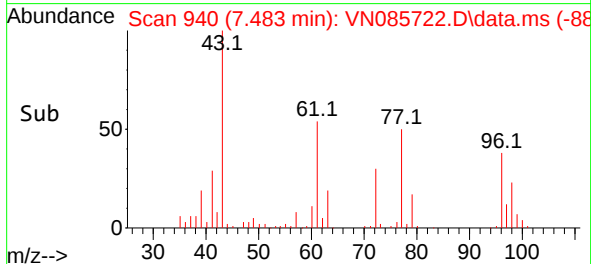
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210MBS01



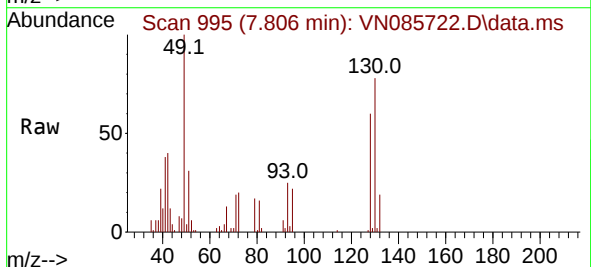
Tgt Ion: 96 Resp: 6437  
 Ion Ratio Lower Upper  
 96 100  
 61 146.5 0.0 311.8  
 98 65.0 0.0 126.0

Manual Integrations  
 APPROVED

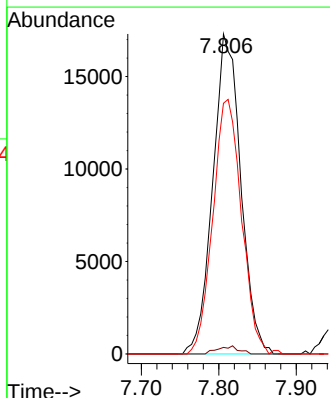
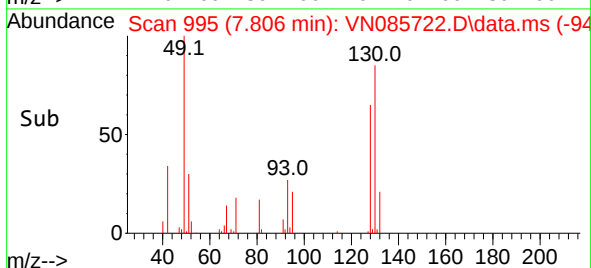
Reviewed By :John Carlone 02/11/2025  
 Supervised By :Mahesh Dadoda 02/11/2025

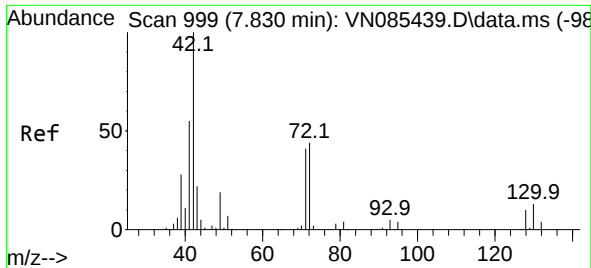


#28  
 Bromochloromethane  
 Concen: 17.018 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. -0.000 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36



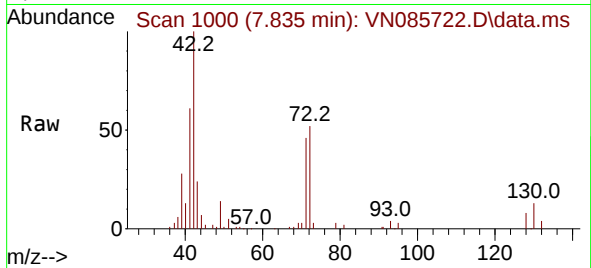
Tgt Ion: 49 Resp: 43387  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 4.4  
 130 81.5 55.0 82.4





#29  
Tetrahydrofuran  
Concen: 96.942 ug/l  
RT: 7.835 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

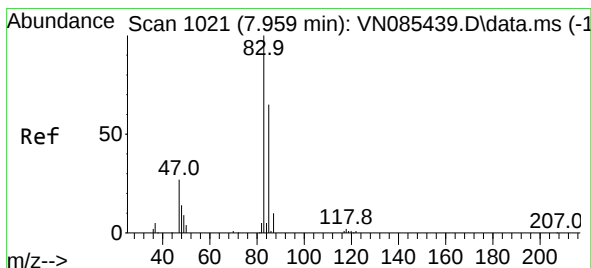
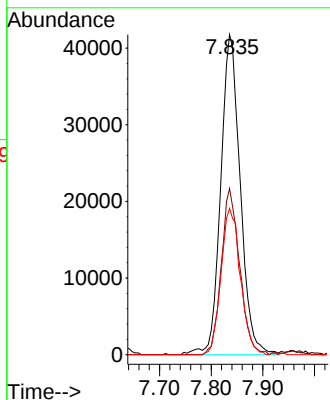
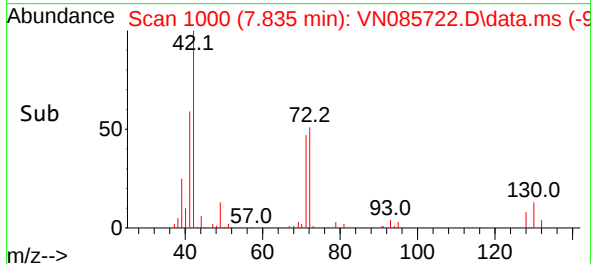
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



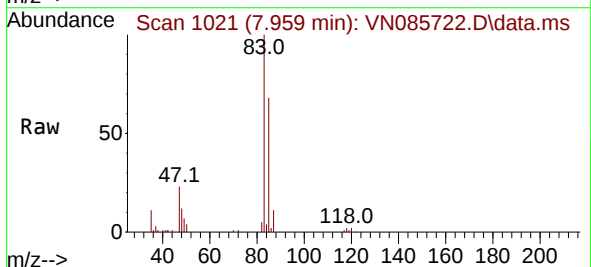
Tgt Ion: 42 Resp: 109670  
Ion Ratio Lower Upper  
42 100  
72 48.6 34.2 51.2  
71 45.3 32.5 48.7

Manual Integrations  
APPROVED

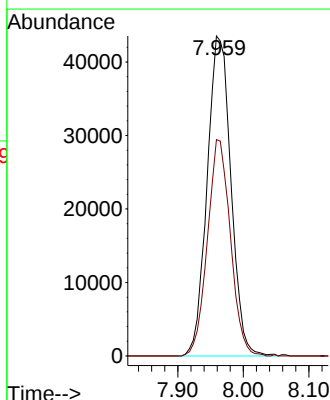
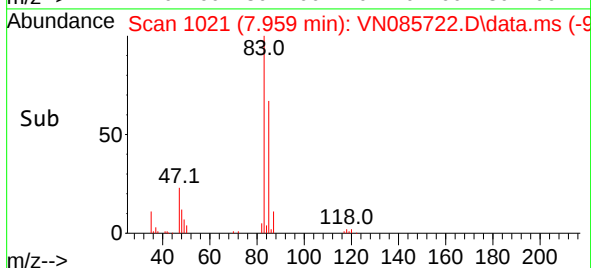
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

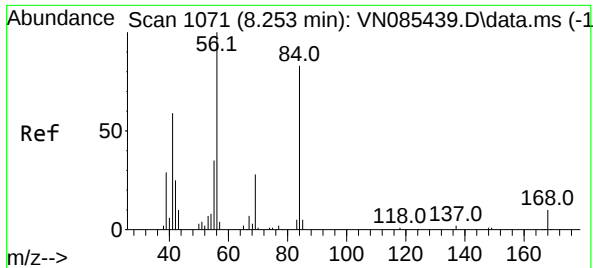


#30  
Chloroform  
Concen: 19.396 ug/l  
RT: 7.959 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



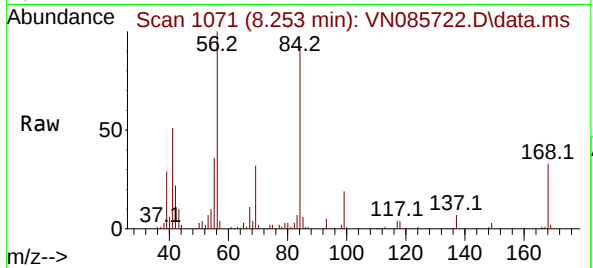
Tgt Ion: 83 Resp: 109853  
Ion Ratio Lower Upper  
83 100  
85 67.6 51.8 77.6





#31  
Cyclohexane  
Concen: 17.809 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

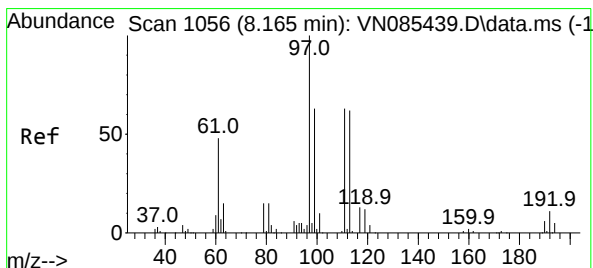
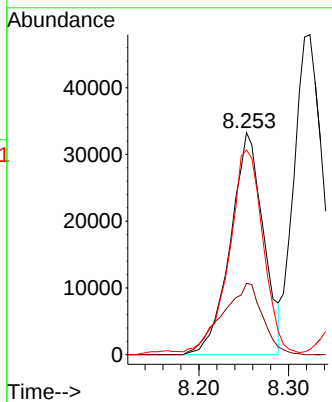
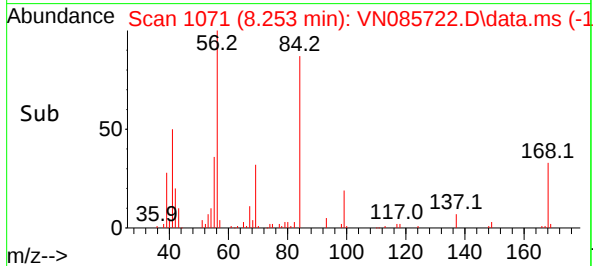
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



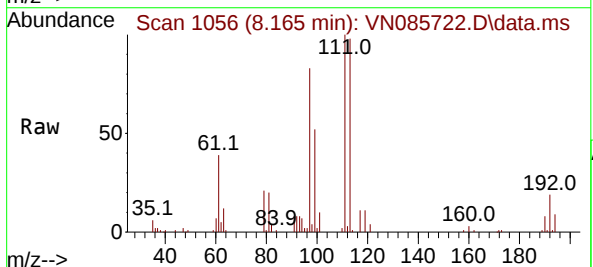
Tgt Ion: 56 Resp: 8482  
Ion Ratio Lower Upper  
56 100  
69 32.1 22.2 33.4  
84 90.7 66.4 99.6

Manual Integrations  
APPROVED

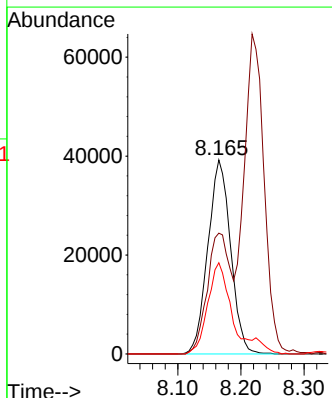
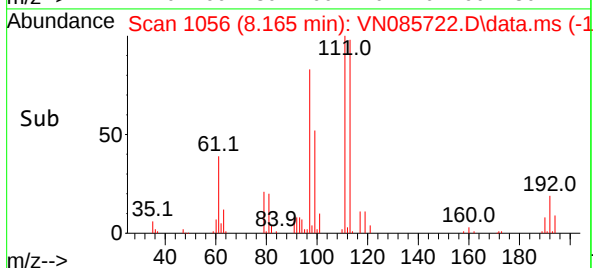
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

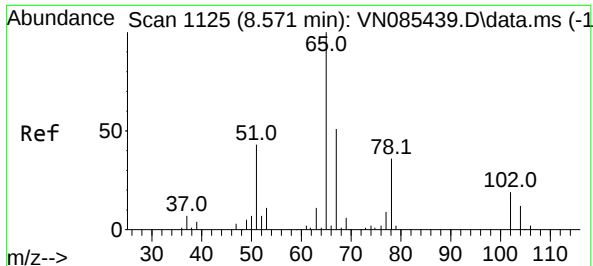


#32  
1,1,1-Trichloroethane  
Concen: 19.769 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



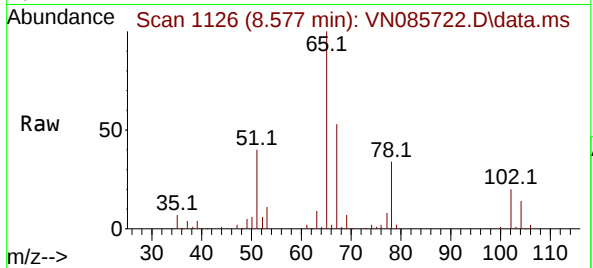
Tgt Ion: 97 Resp: 98211  
Ion Ratio Lower Upper  
97 100  
99 63.4 49.8 74.6  
61 51.6 41.4 62.2





#33  
1,2-Dichloroethane-d4  
Concen: 37.860 ug/l  
RT: 8.577 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

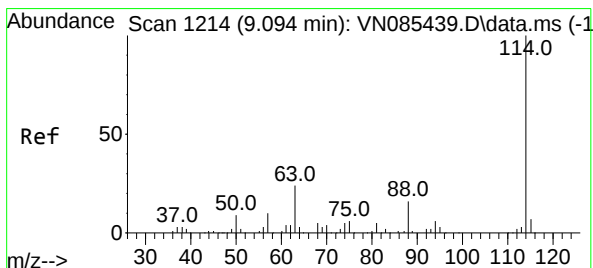
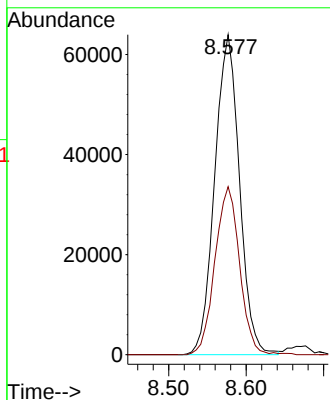
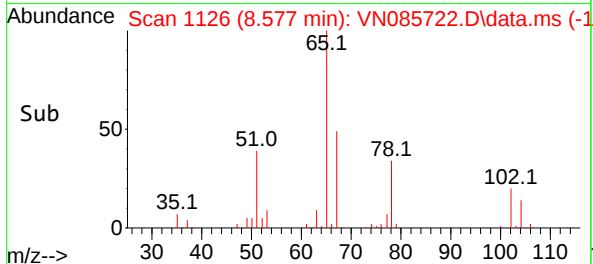
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



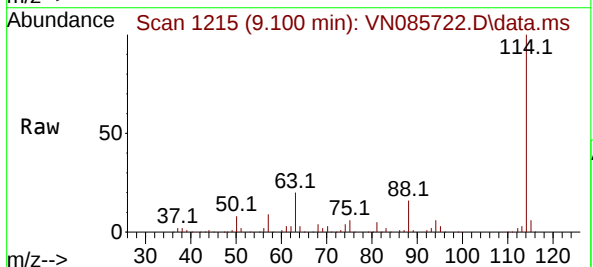
Tgt Ion: 65 Resp: 14208  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 101.6

Manual Integrations  
APPROVED

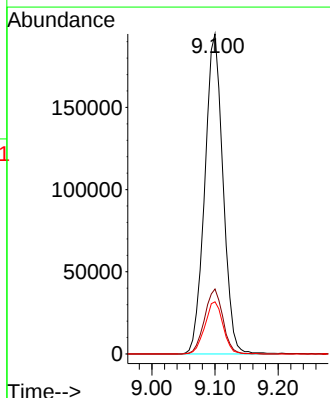
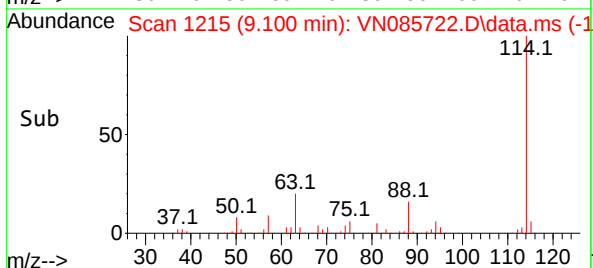
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



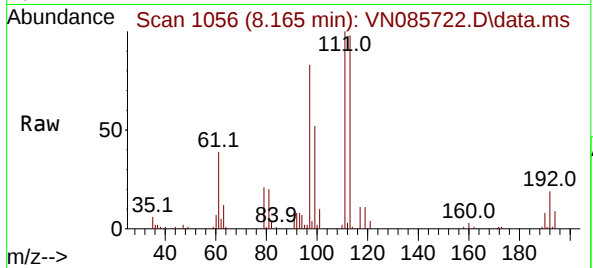
Tgt Ion:114 Resp: 390355  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 47.6  
88 16.3 0.0 32.6





#35  
Dibromofluoromethane  
Concen: 42.459 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

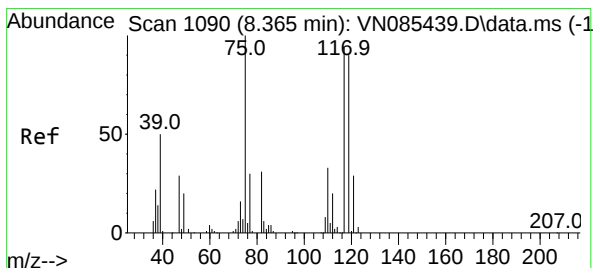
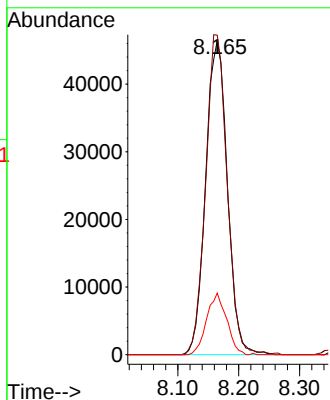
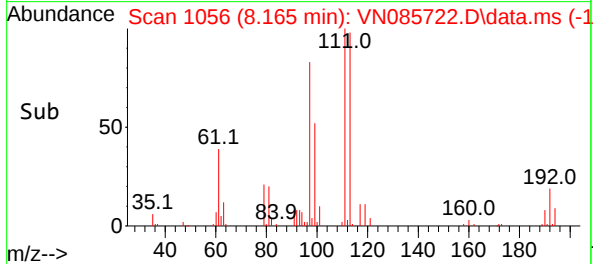
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



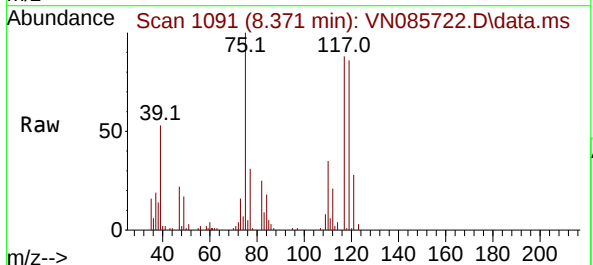
Tgt Ion: 113 Resp: 11498  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.7 124.1  
192 18.0 14.3 21.5

Manual Integrations  
APPROVED

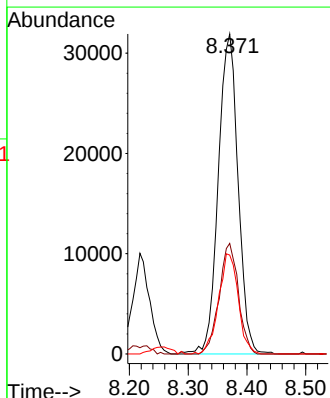
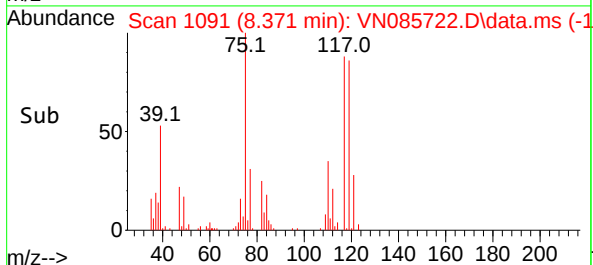
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

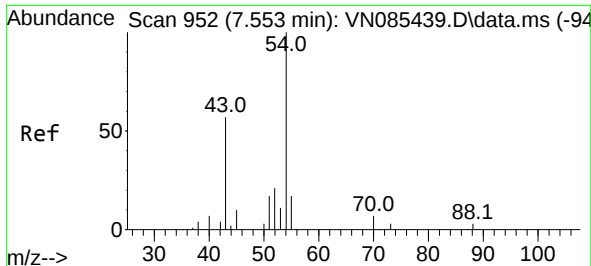


#36  
1,1-Dichloropropene  
Concen: 19.620 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



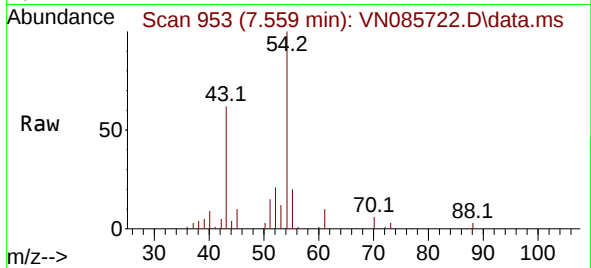
Tgt Ion: 75 Resp: 74569  
Ion Ratio Lower Upper  
75 100  
110 33.6 16.5 49.5  
77 31.1 24.4 36.6





#37  
Ethyl Acetate  
Concen: 18.324 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

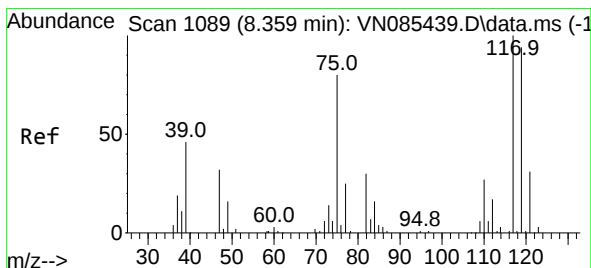
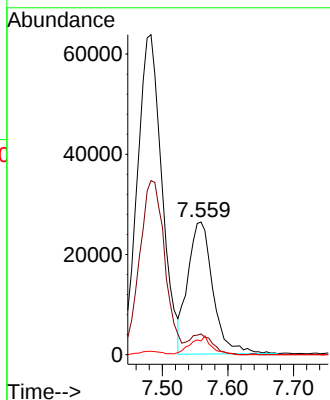
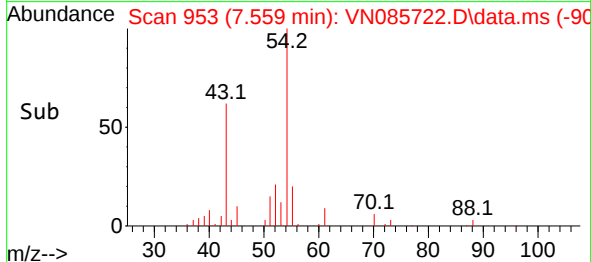
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



Tgt Ion: 43 Resp: 7029  
Ion Ratio Lower Upper  
43 100  
61 13.7 10.9 16.3  
70 11.4 7.5 11.3

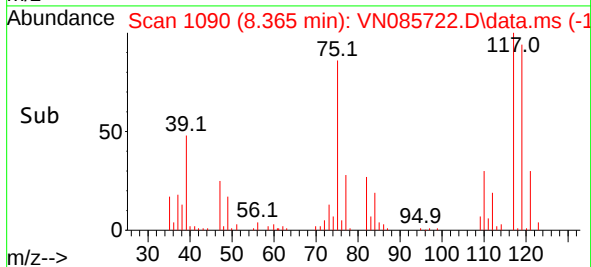
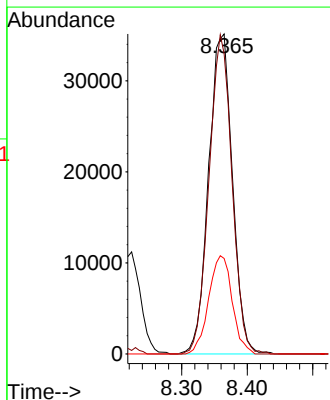
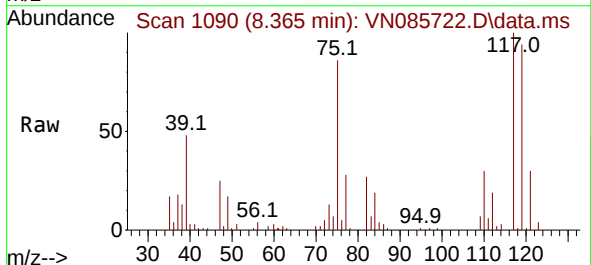
Manual Integrations  
APPROVED

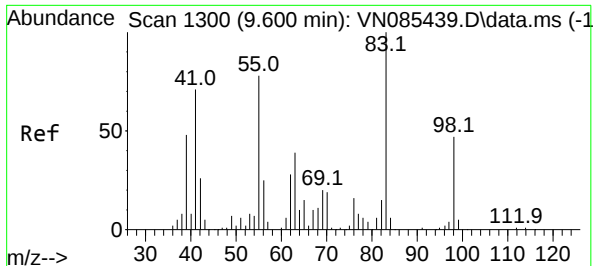
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#38  
Carbon Tetrachloride  
Concen: 20.374 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion:117 Resp: 88654  
Ion Ratio Lower Upper  
117 100  
119 93.8 75.4 113.2  
121 29.9 24.6 37.0





#39

Methylcyclohexane

Concen: 20.028 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 83 Resp: 7153

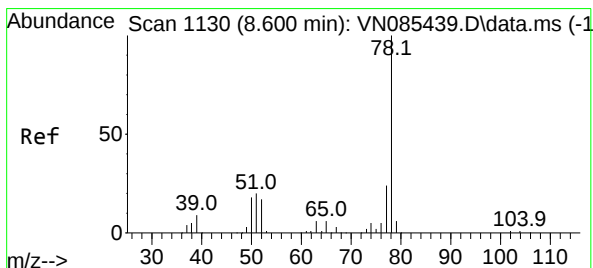
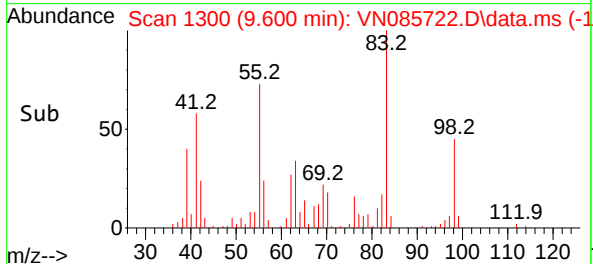
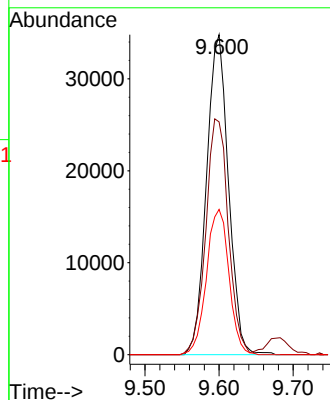
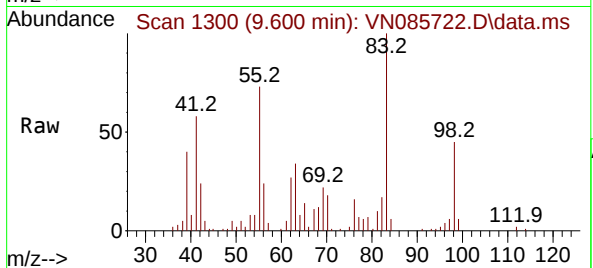
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 72.7  | 62.6  | 94.0  |
| 98  | 45.4  | 37.7  | 56.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40

Benzene

Concen: 20.615 ug/l

RT: 8.600 min Scan# 1130

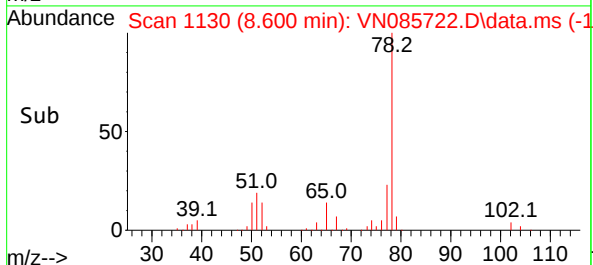
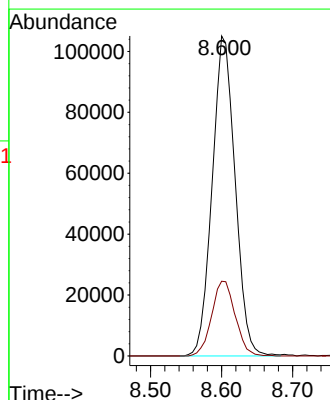
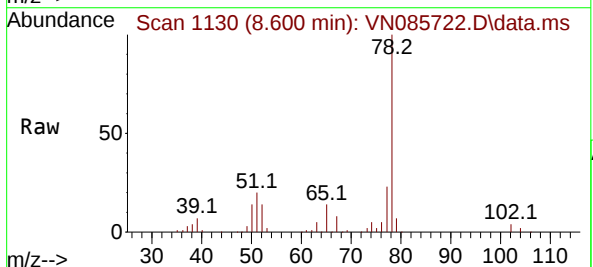
Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Tgt Ion: 78 Resp: 235422

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.4  | 19.0  | 28.6  |





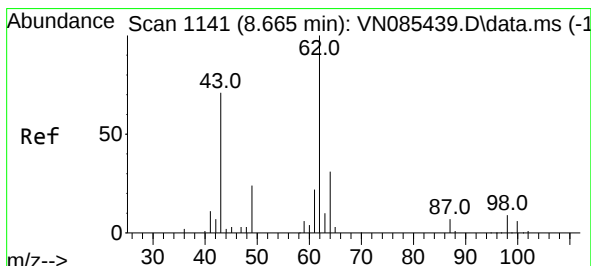
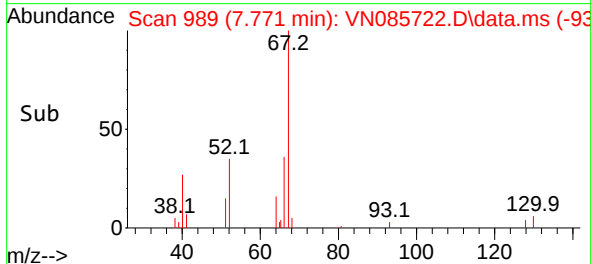
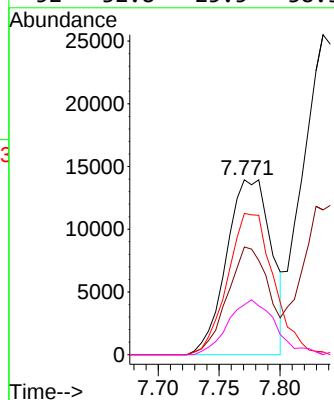
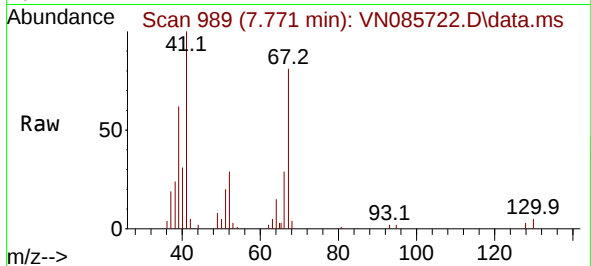
#41  
Methacrylonitrile  
Concen: 17.989 ug/l  
RT: 7.771 min Scan# 989  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 41 Resp: 3590  
Ion Ratio Lower Upper  
41 100  
39 56.7 46.0 69.0  
67 82.2 57.4 86.2  
52 32.8 25.5 38.3

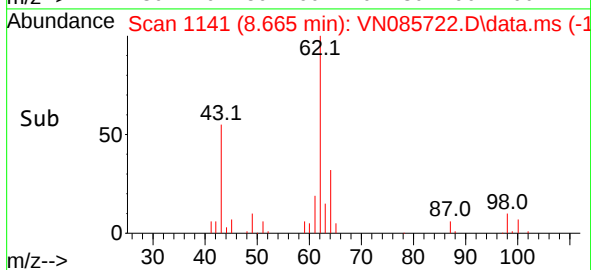
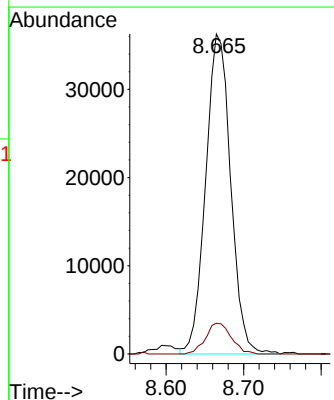
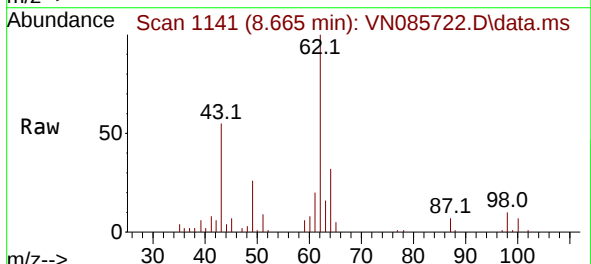
Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#42  
1,2-Dichloroethane  
Concen: 18.900 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

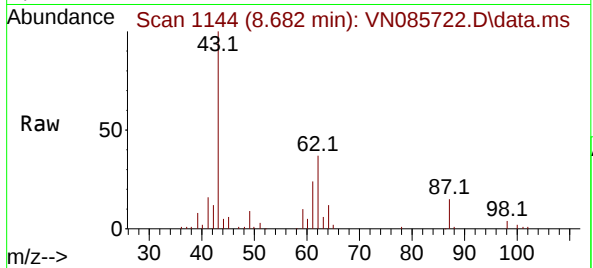
Tgt Ion: 62 Resp: 81293  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 17.0





#43  
Isopropyl Acetate  
Concen: 20.342 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

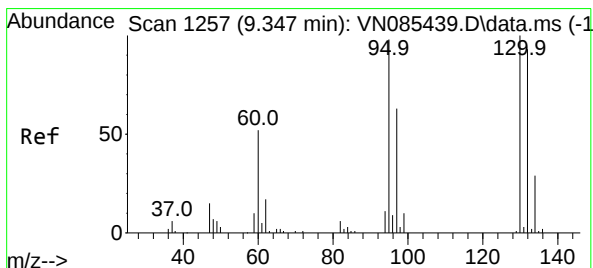
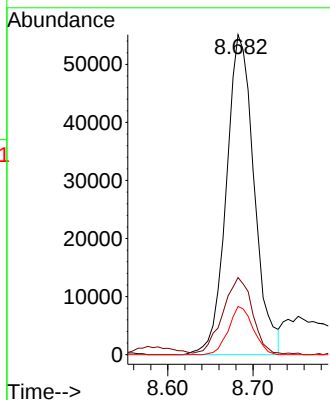
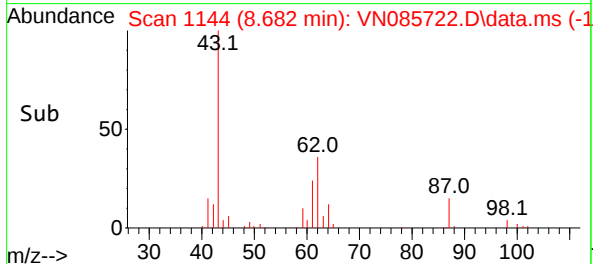
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



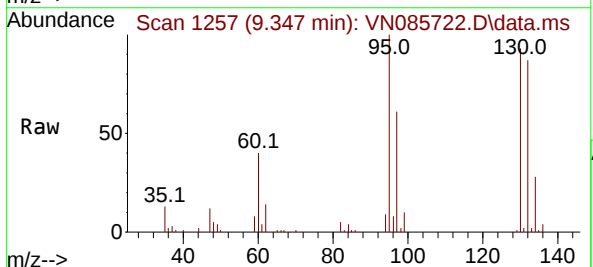
Tgt Ion: 43 Resp: 125040  
Ion Ratio Lower Upper  
43 100  
61 25.2 20.7 31.1  
87 13.3 9.8 14.8

Manual Integrations  
APPROVED

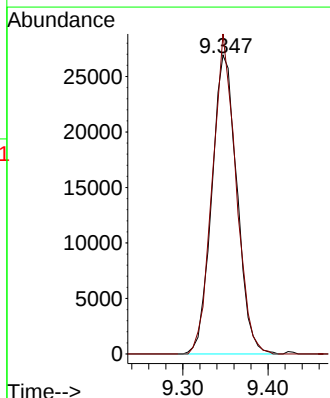
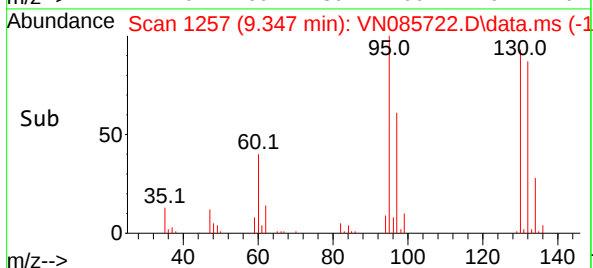
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

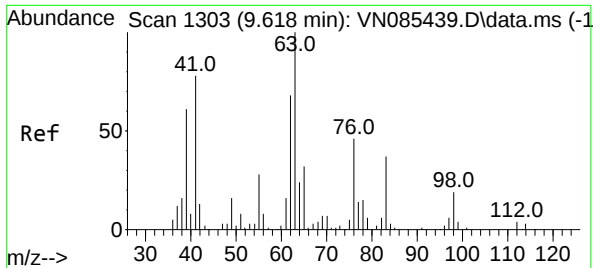


#44  
Trichloroethene  
Concen: 20.760 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion:130 Resp: 55187  
Ion Ratio Lower Upper  
130 100  
95 107.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 19.879 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 63 Resp: 5798

Ion Ratio Lower Upper

63 100

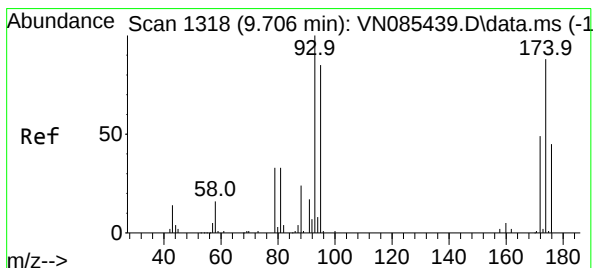
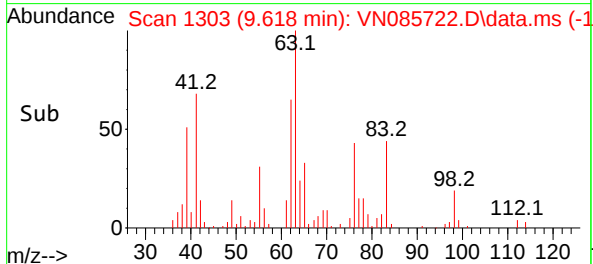
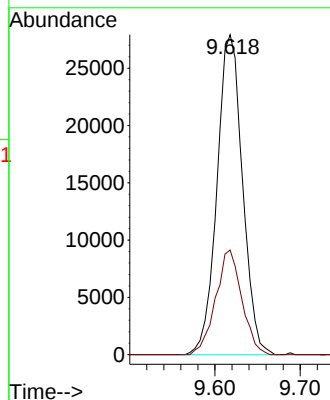
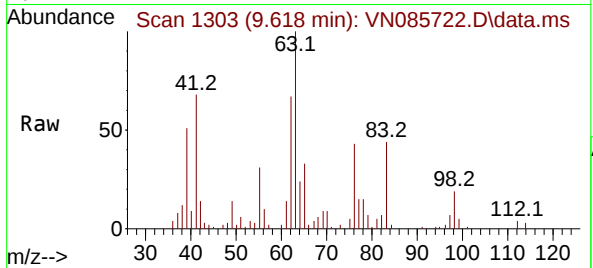
65 32.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#46

Dibromomethane

Concen: 20.026 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

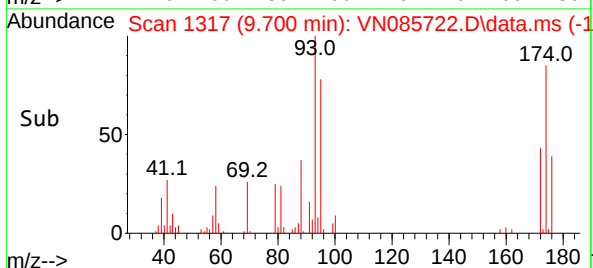
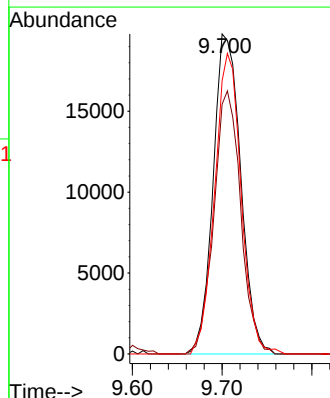
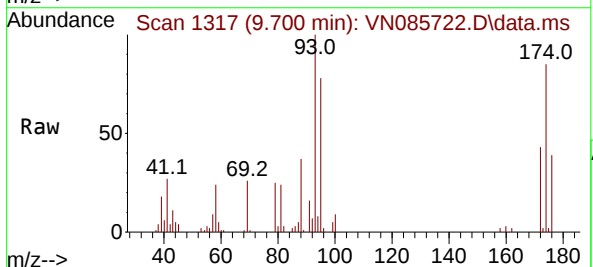
Tgt Ion: 93 Resp: 42150

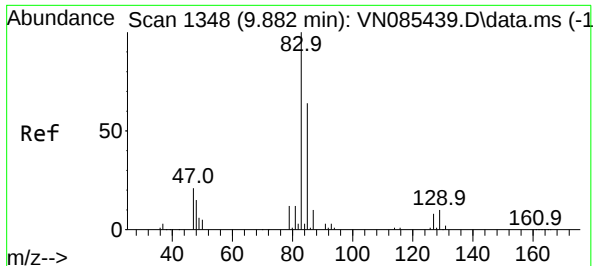
Ion Ratio Lower Upper

93 100

95 80.3 64.7 97.1

174 90.3 69.0 103.4





#47

Bromodichloromethane

Concen: 20.519 ug/l

RT: 9.882 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

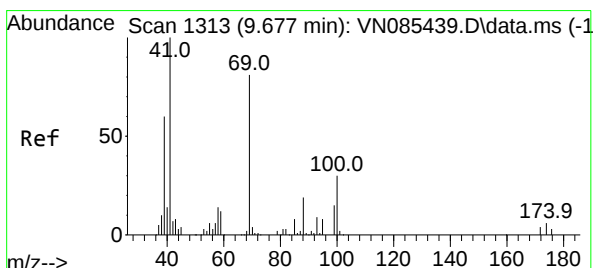
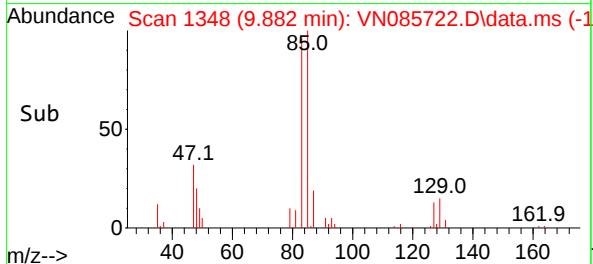
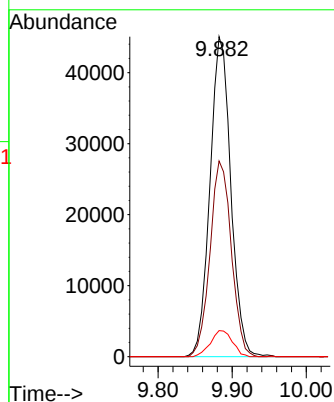
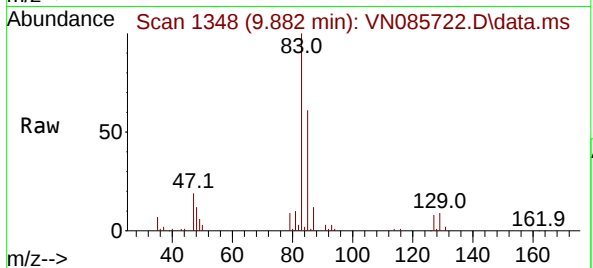
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 87989 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 61.2  | 51.2  | 76.8  |
| 127       | 8.2   | 6.5   | 9.7   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#48

Methyl methacrylate

Concen: 19.299 ug/l

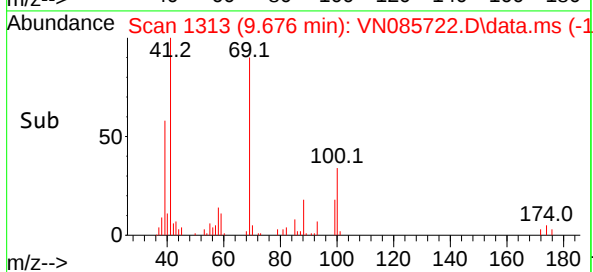
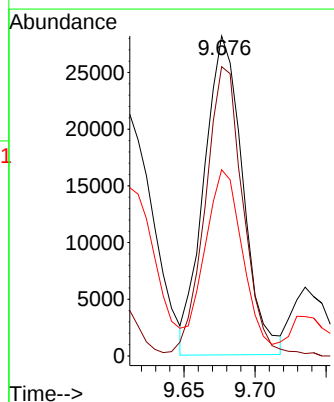
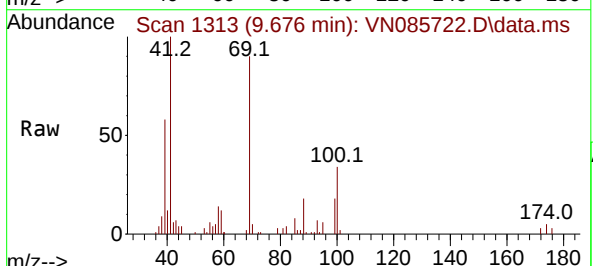
RT: 9.676 min Scan# 1313

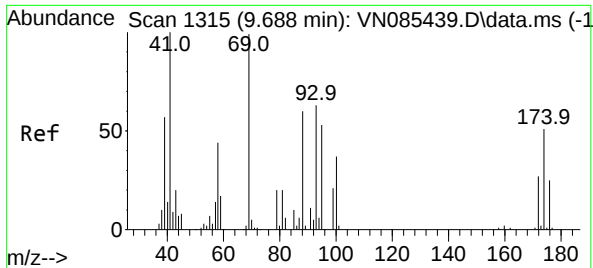
Delta R.T. -0.001 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 53387 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 88.9  | 64.7  | 97.1  |
| 39        | 57.6  | 49.0  | 73.6  |





#49

1,4-Dioxane

Concen: 414.319 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 88 Resp: 1930

Ion Ratio Lower Upper

88 100

43 26.0 26.6 39.8

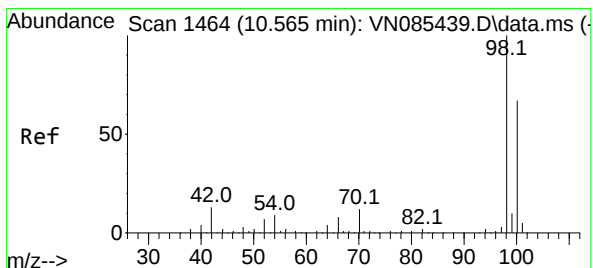
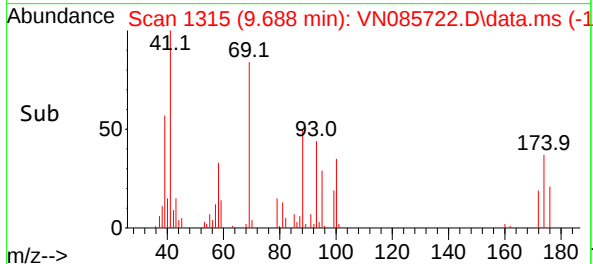
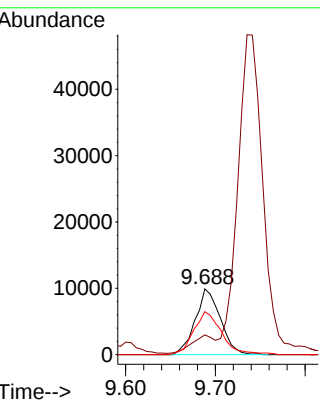
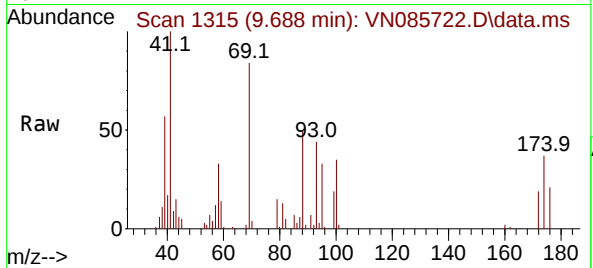
58 73.1 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 41.965 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085722.D

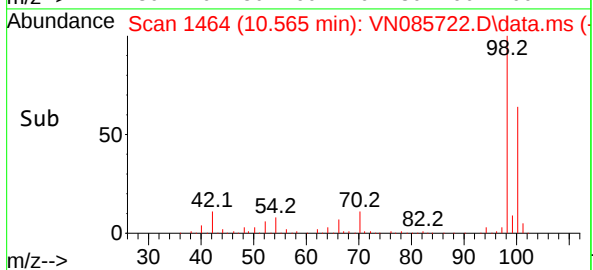
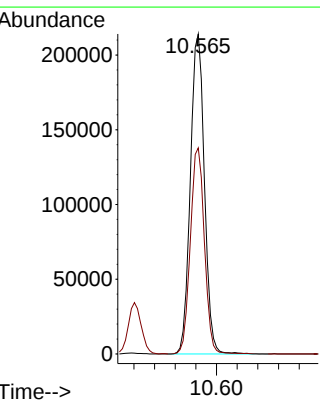
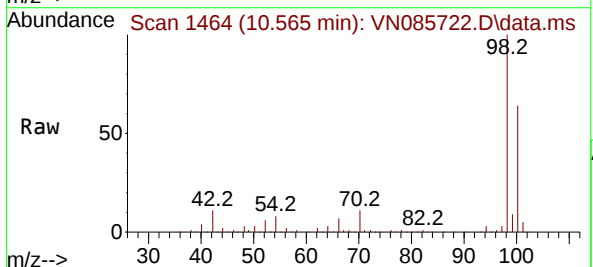
Acq: 10 Feb 2025 14:36

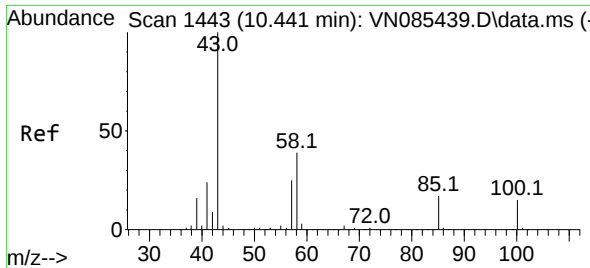
Tgt Ion: 98 Resp: 403777

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4





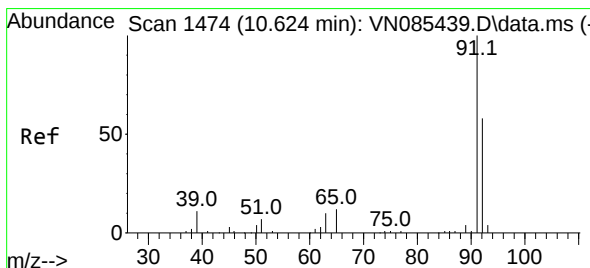
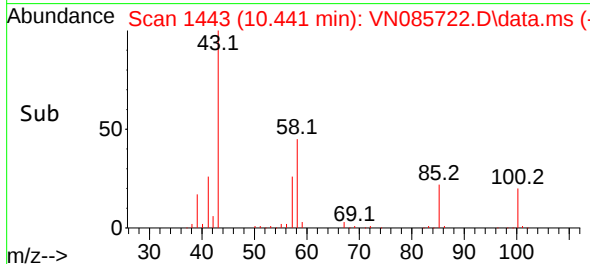
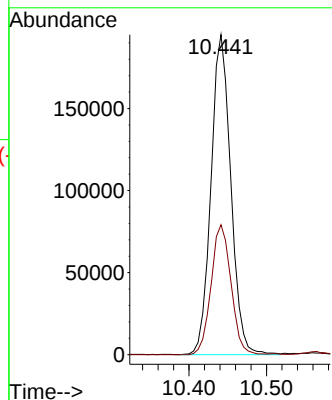
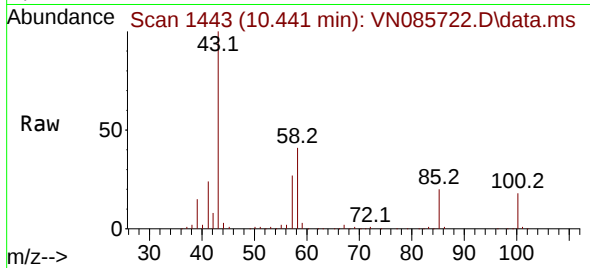
#51  
4-Methyl-2-Pentanone  
Concen: 97.160 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 43 Resp: 346580  
Ion Ratio Lower Upper  
43 100  
58 40.7 30.5 45.7

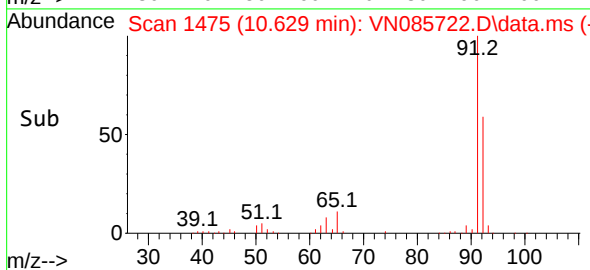
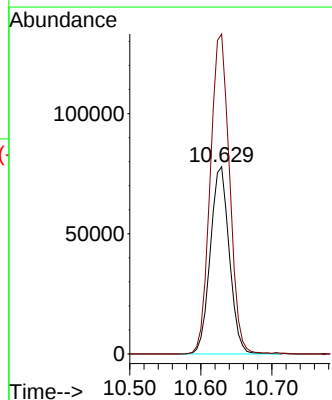
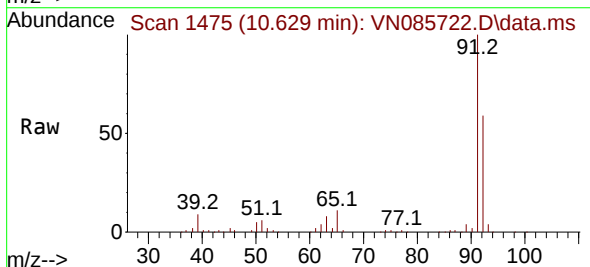
Manual Integrations  
APPROVED

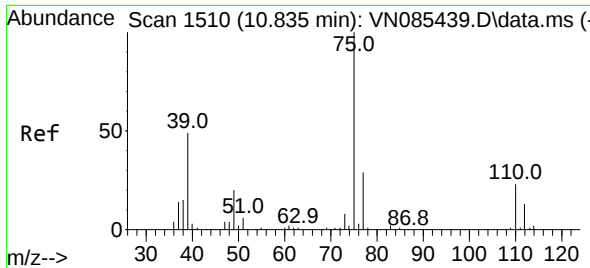
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#52  
Toluene  
Concen: 21.840 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. 0.005 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion: 92 Resp: 144514  
Ion Ratio Lower Upper  
92 100  
91 173.7 139.2 208.8





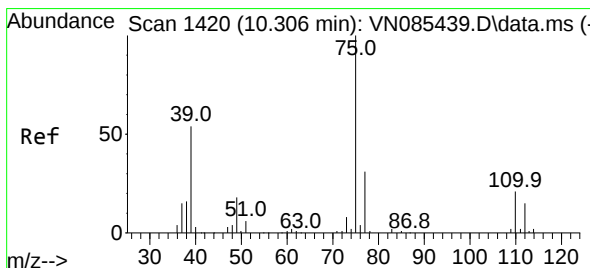
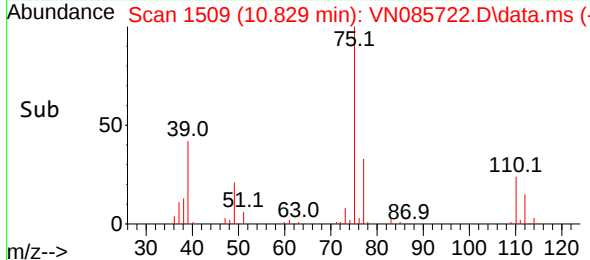
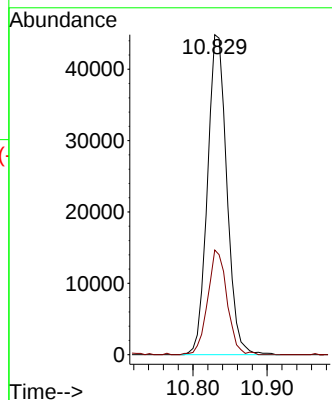
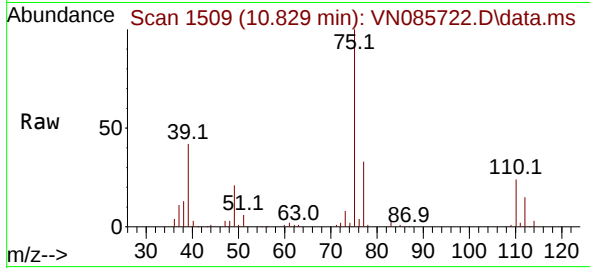
#53  
t-1,3-Dichloropropene  
Concen: 20.092 ug/l  
RT: 10.829 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 75 Resp: 8142  
Ion Ratio Lower Upper  
75 100  
77 32.7 23.5 35.3

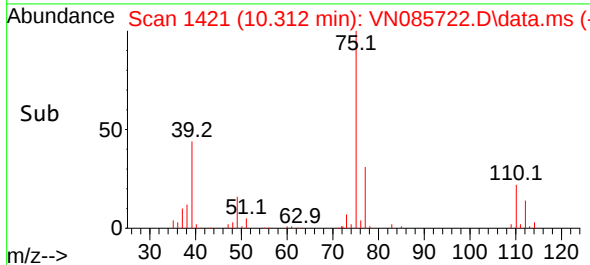
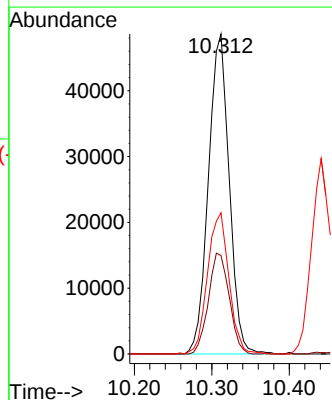
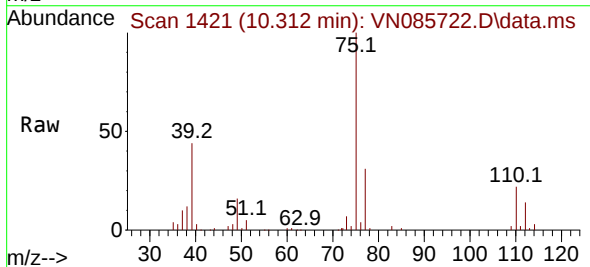
Manual Integrations  
APPROVED

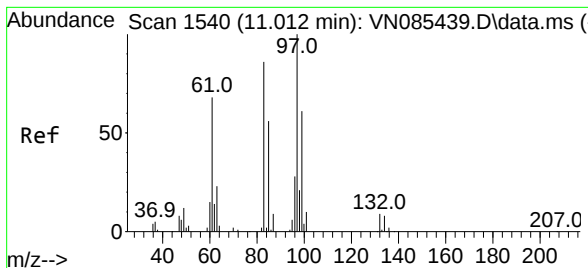
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#54  
cis-1,3-Dichloropropene  
Concen: 20.930 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

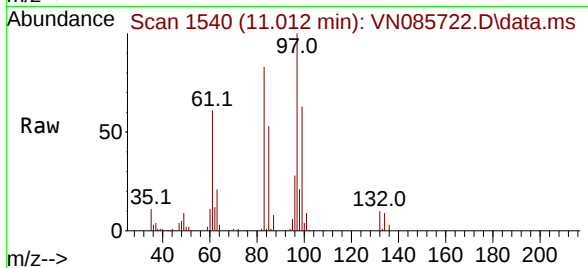
Tgt Ion: 75 Resp: 90599  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.0 37.4  
39 44.2 43.1 64.7





#55  
1,1,2-Trichloroethane  
Concen: 21.166 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

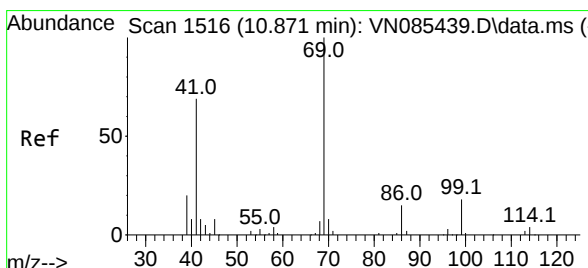
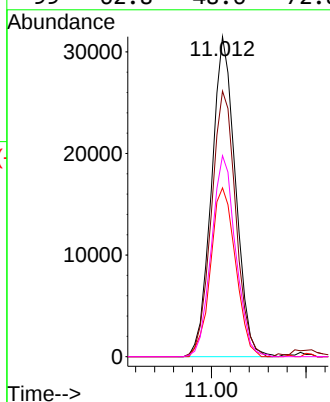
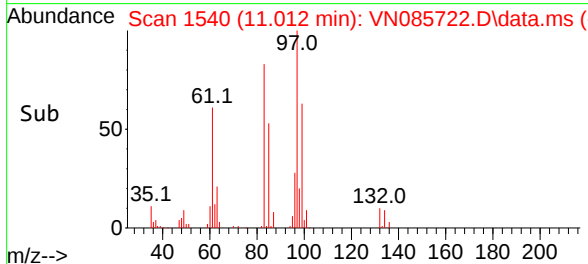
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



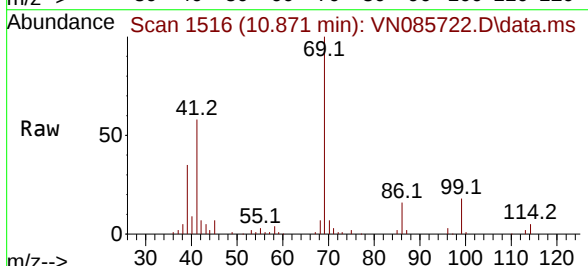
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 5542  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.0     | 69.0 103.6  |
| 85 52.8     | 44.6 66.8   |
| 99 62.8     | 48.6 72.8   |

Manual Integrations  
APPROVED

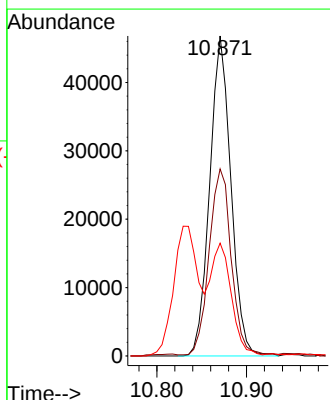
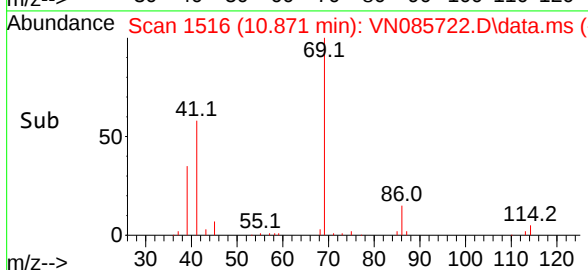
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

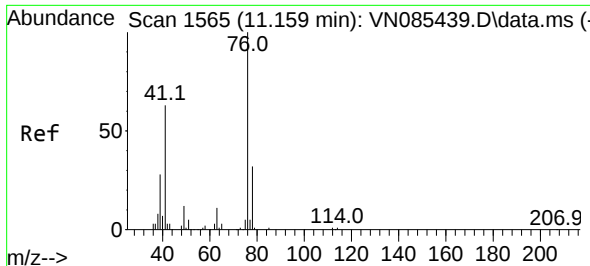


#56  
Ethyl methacrylate  
Concen: 18.676 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 76834 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 60.3     | 54.6 82.0   |
| 39 34.0     | 32.4 48.6   |





#57

1,3-Dichloropropane

Concen: 21.092 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

Tgt Ion: 76 Resp: 96038

Ion Ratio Lower Upper

76 100

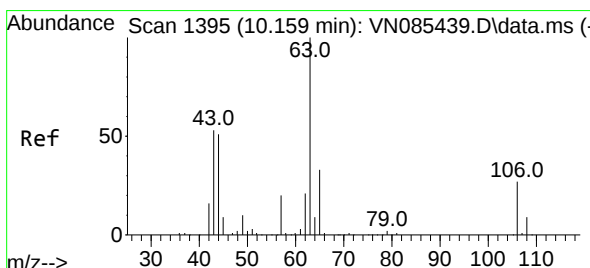
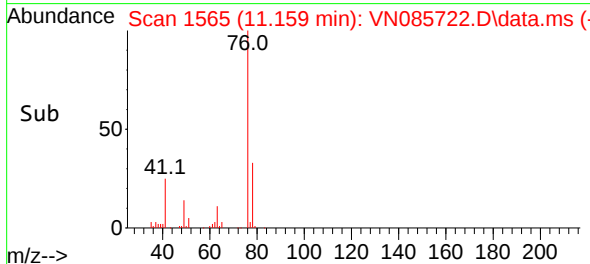
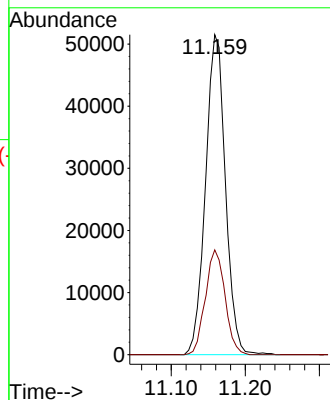
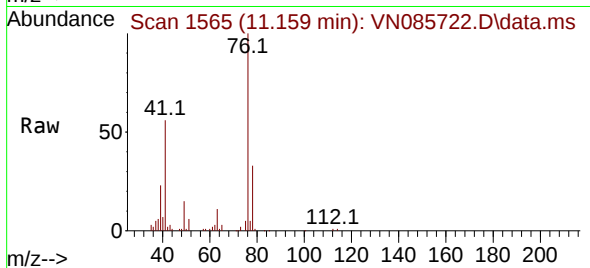
78 32.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 103.193 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085722.D

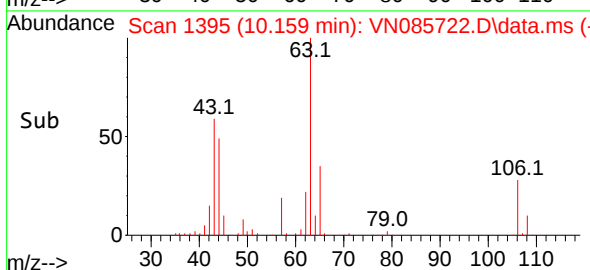
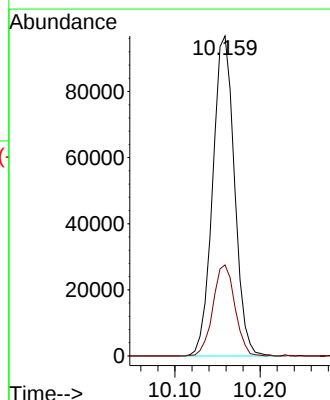
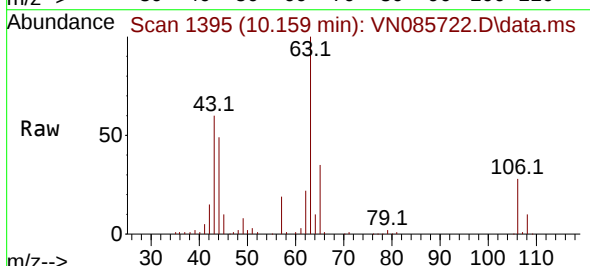
Acq: 10 Feb 2025 14:36

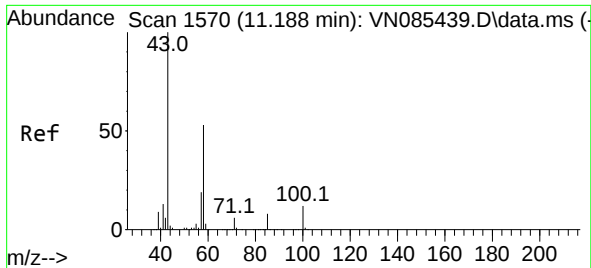
Tgt Ion: 63 Resp: 171485

Ion Ratio Lower Upper

63 100

106 28.7 21.6 32.4





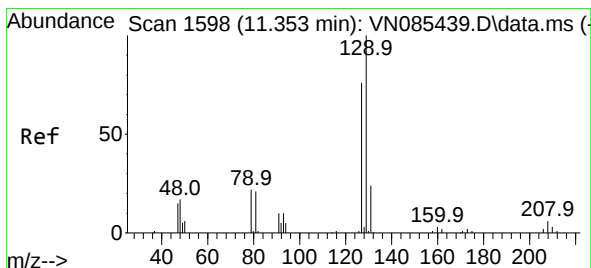
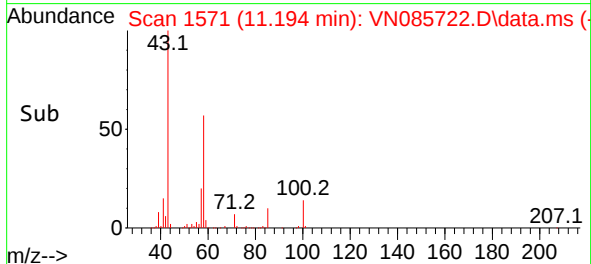
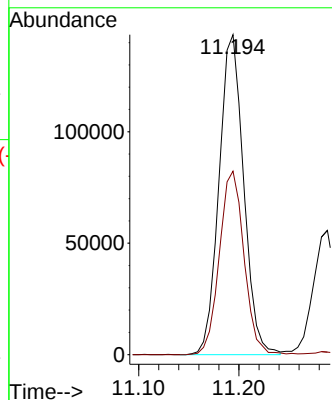
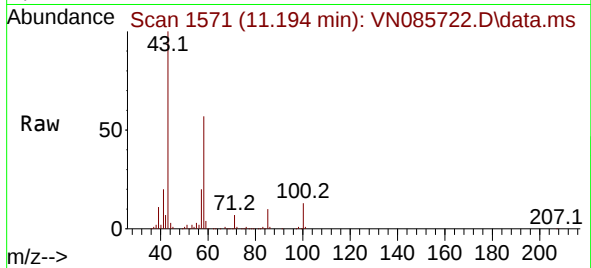
#59  
2-Hexanone  
Concen: 97.312 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 43 Resp: 244245  
Ion Ratio Lower Upper  
43 100  
58 57.5 26.2 78.6

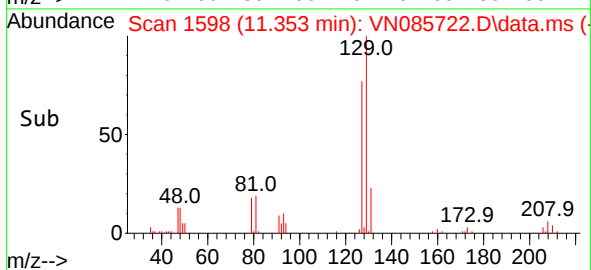
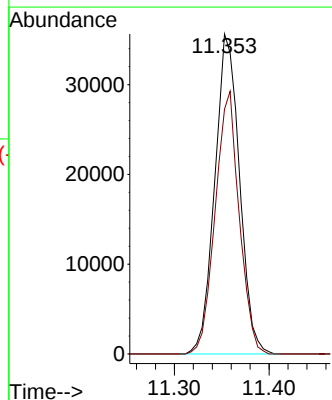
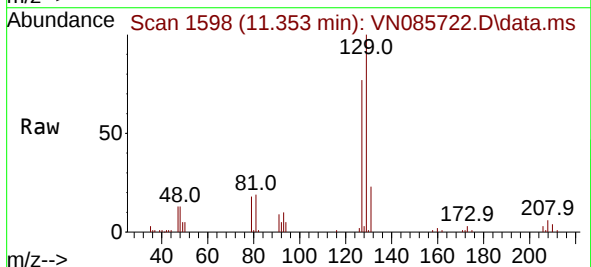
Manual Integrations  
APPROVED

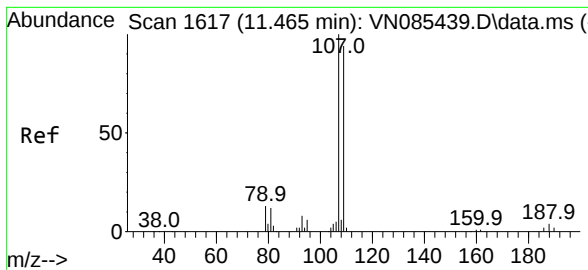
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#60  
Dibromochloromethane  
Concen: 20.444 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

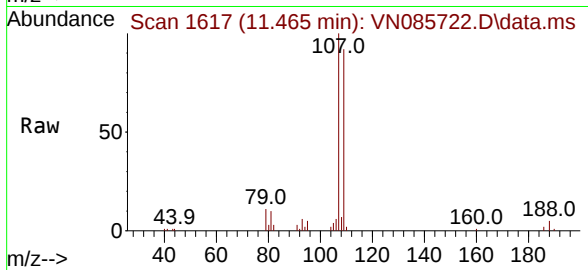
Tgt Ion:129 Resp: 64634  
Ion Ratio Lower Upper  
129 100  
127 79.5 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 20.785 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

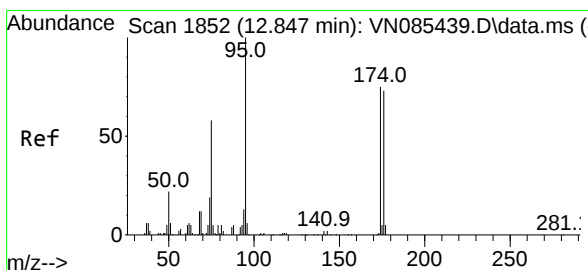
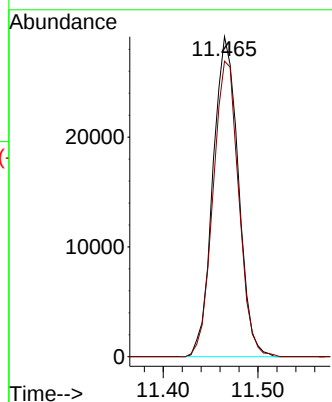
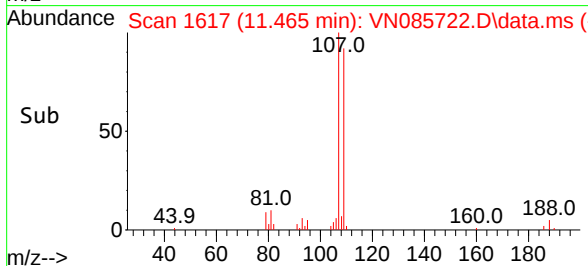
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



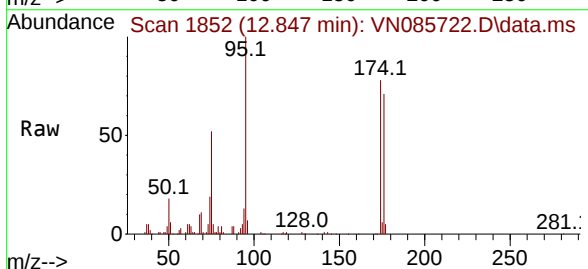
Tgt Ion:107 Resp: 54180  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.9 113.9

Manual Integrations  
APPROVED

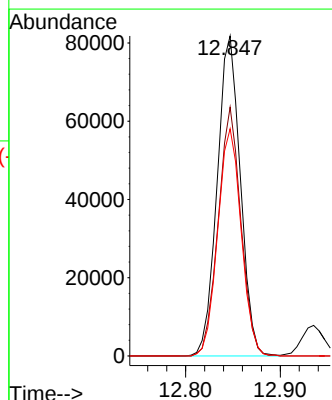
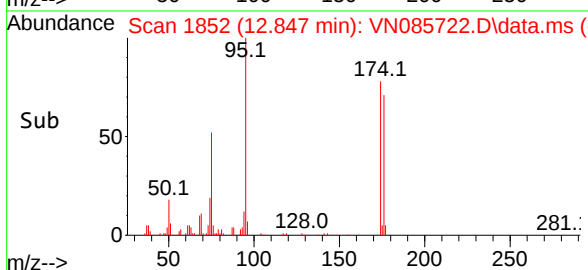
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

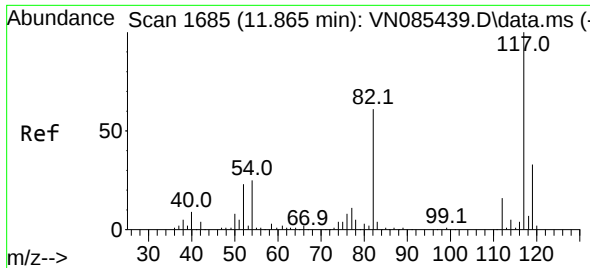


#62  
4-Bromofluorobenzene  
Concen: 42.275 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



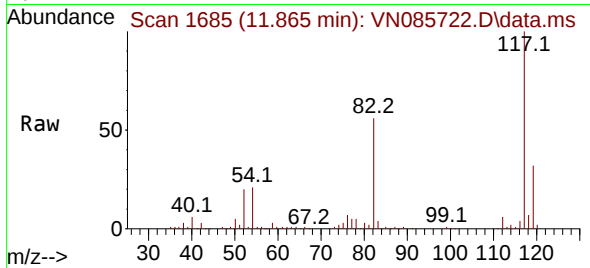
Tgt Ion: 95 Resp: 139145  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 145.0  
176 71.7 0.0 142.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

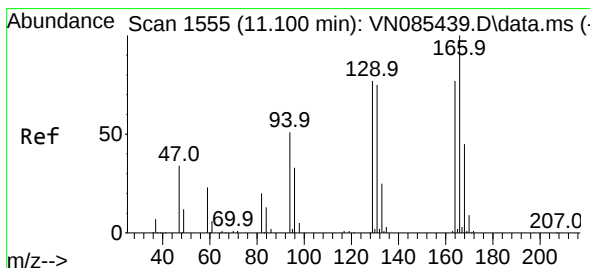
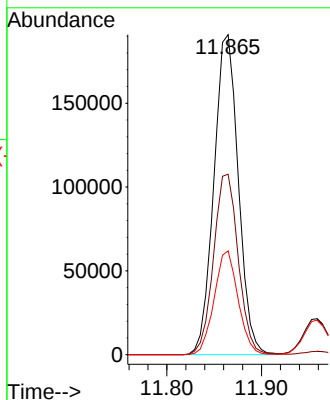
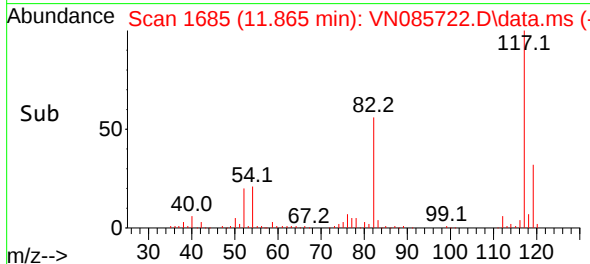
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



Tgt Ion:117 Resp: 342650  
Ion Ratio Lower Upper  
117 100  
82 56.4 48.6 72.8  
119 32.4 26.6 39.8

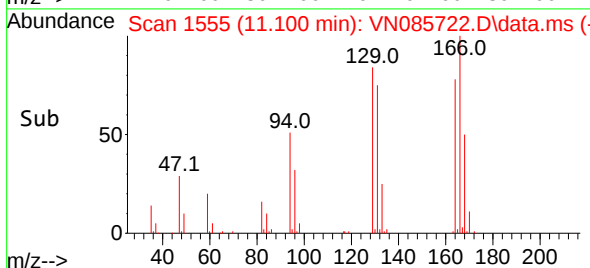
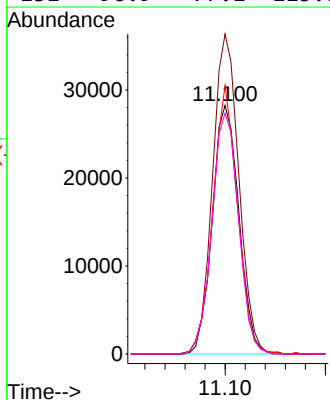
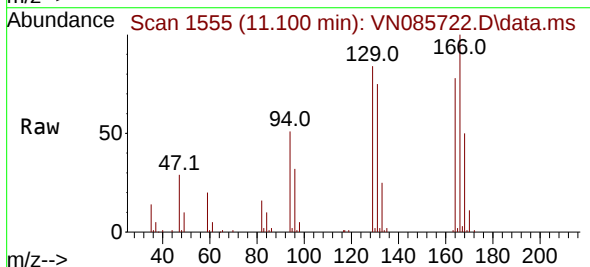
Manual Integrations  
APPROVED

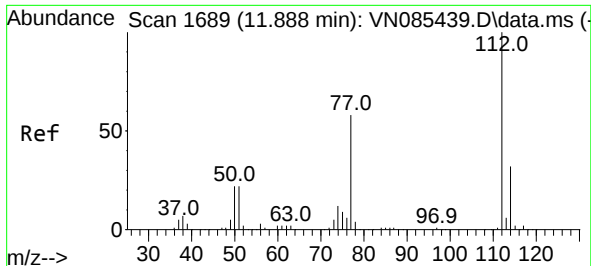
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#64  
Tetrachloroethene  
Concen: 22.196 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

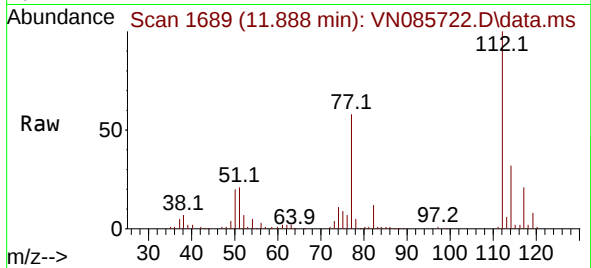
Tgt Ion:164 Resp: 51850  
Ion Ratio Lower Upper  
164 100  
166 128.8 103.4 155.2  
129 108.0 79.2 118.8  
131 96.9 77.1 115.7





#65  
Chlorobenzene  
Concen: 20.673 ug/l  
RT: 11.888 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

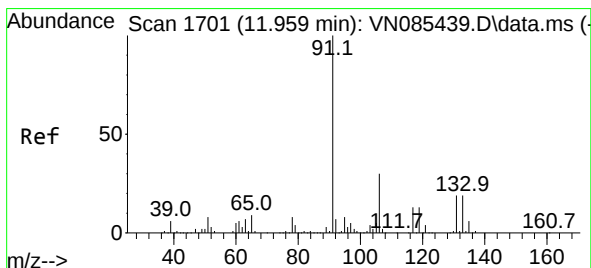
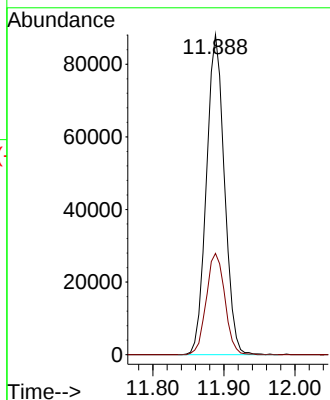
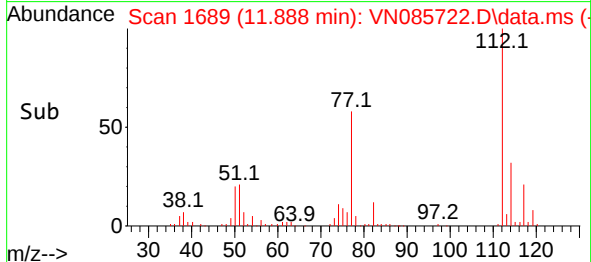
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



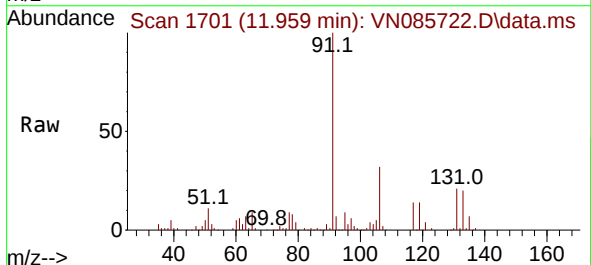
Tgt Ion:112 Resp: 155179  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.3 37.9

Manual Integrations  
APPROVED

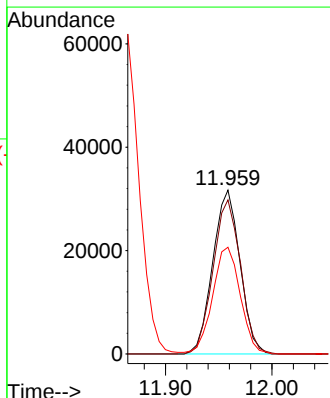
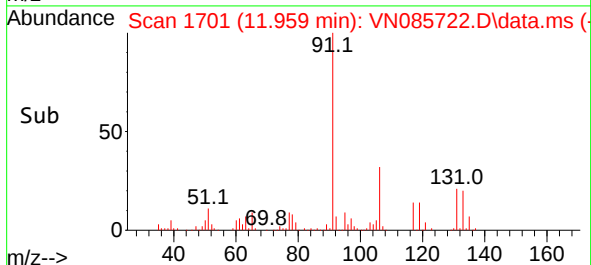
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

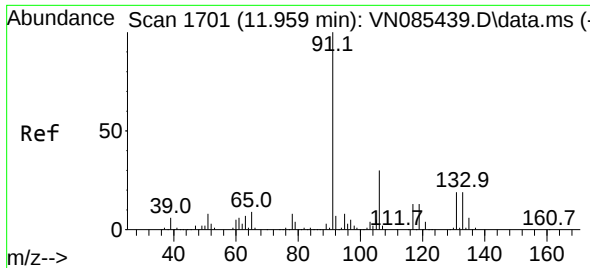


#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.401 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



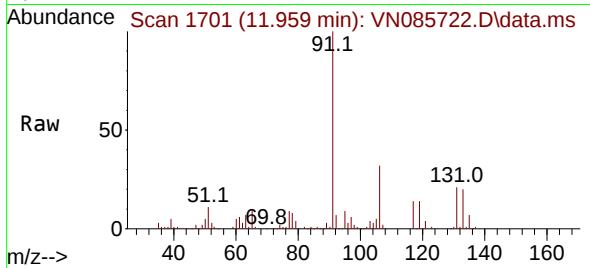
Tgt Ion:131 Resp: 56205  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.4 142.3  
119 66.5 33.1 99.5





#67  
Ethyl Benzene  
Concen: 20.507 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

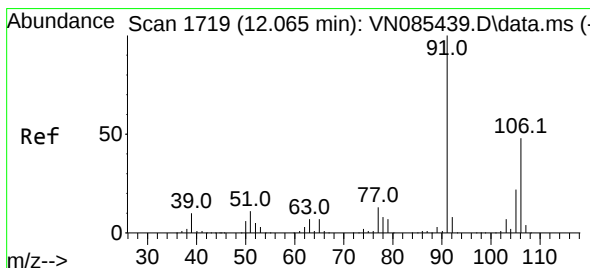
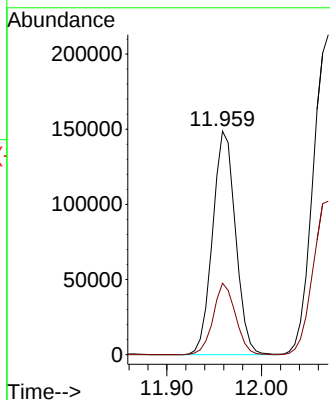
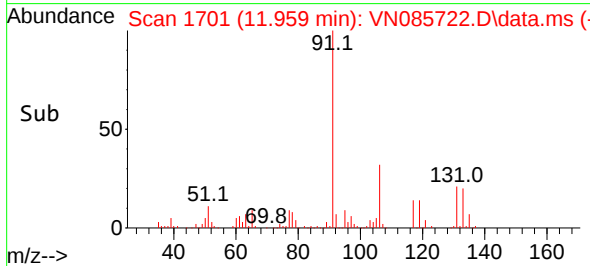
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



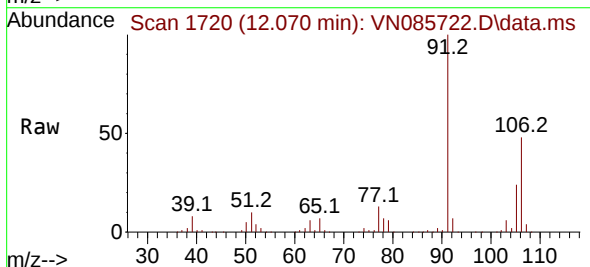
Tgt Ion: 91 Resp: 250718  
Ion Ratio Lower Upper  
91 100  
106 32.0 23.8 35.8

Manual Integrations  
APPROVED

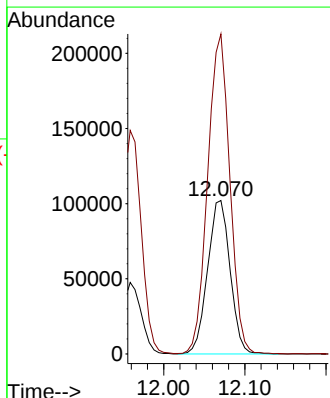
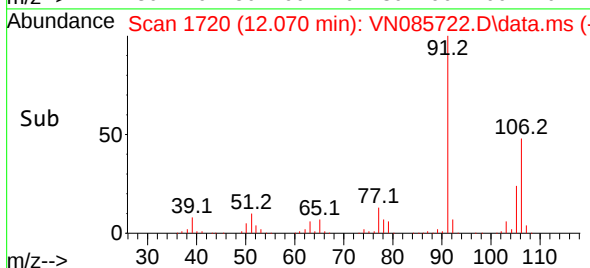
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#68  
m/p-Xylenes  
Concen: 43.529 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion:106 Resp: 196688  
Ion Ratio Lower Upper  
106 100  
91 205.4 167.7 251.5





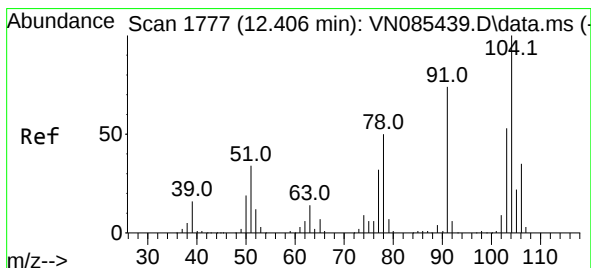
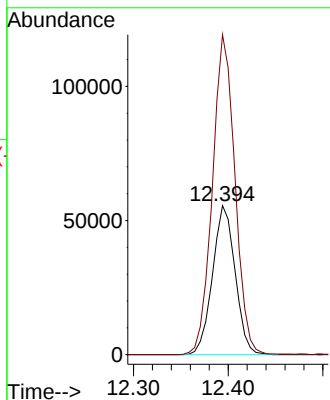
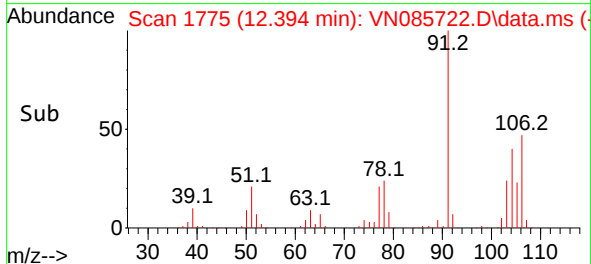
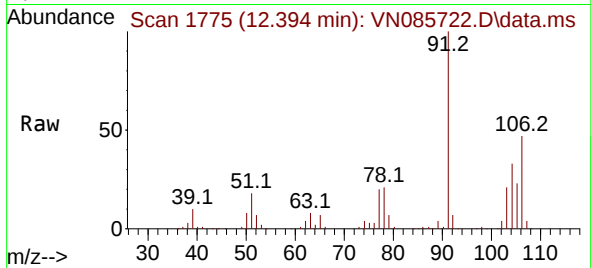
#69  
o-Xylene  
Concen: 21.345 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:106 Resp: 92172  
Ion Ratio Lower Upper  
106 100  
91 214.2 110.4 331.2

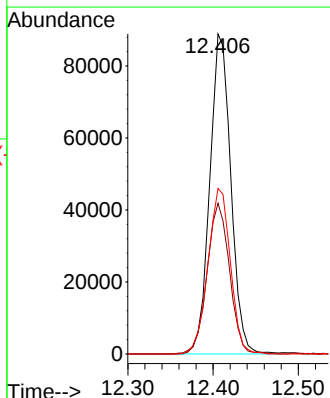
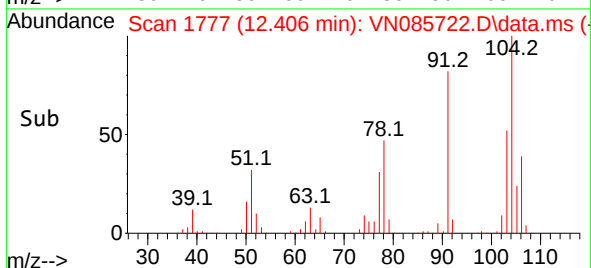
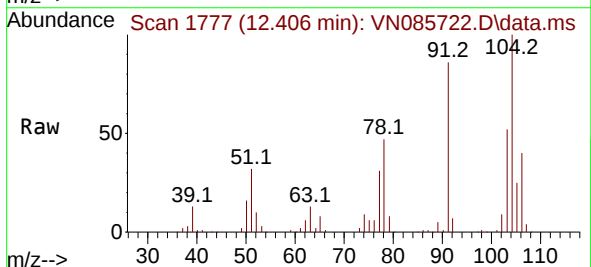
Manual Integrations  
APPROVED

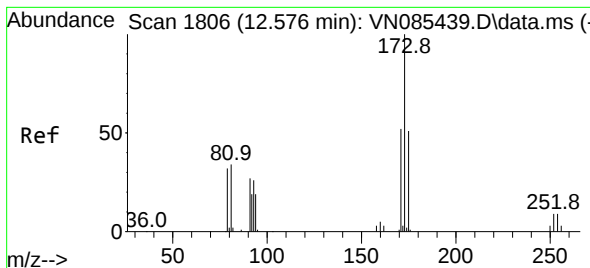
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#70  
Styrene  
Concen: 21.389 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion:104 Resp: 152856  
Ion Ratio Lower Upper  
104 100  
78 50.1 42.5 63.7  
103 54.9 43.8 65.8





#71

Bromoform

Concen: 21.968 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

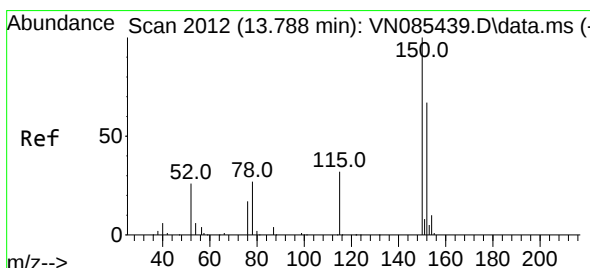
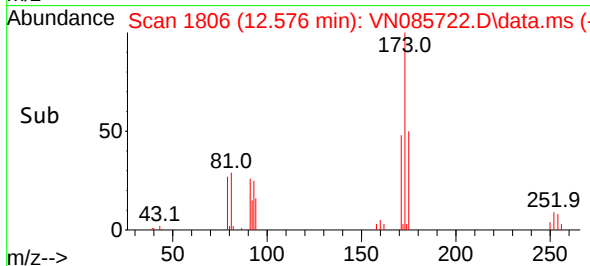
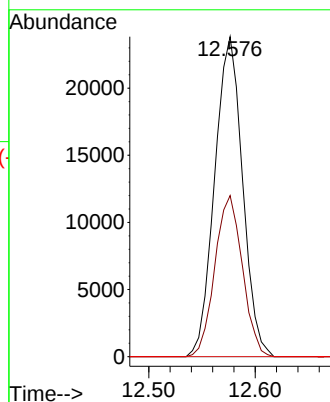
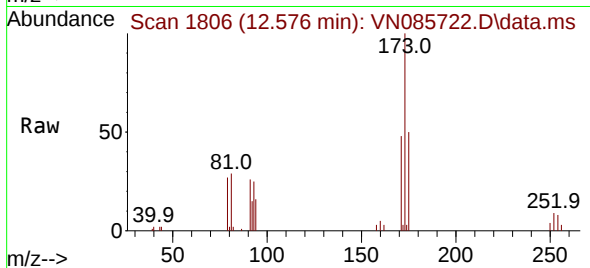
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 4330 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 49.6  | 24.4  | 73.2 |
| 254       | 0.0   | 0.0   | 0.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

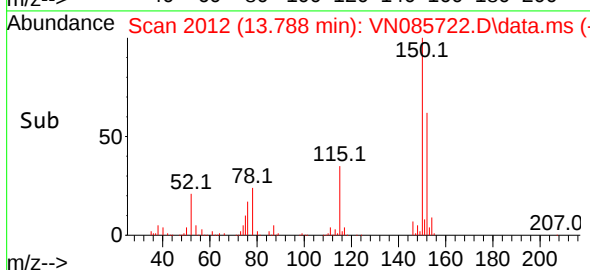
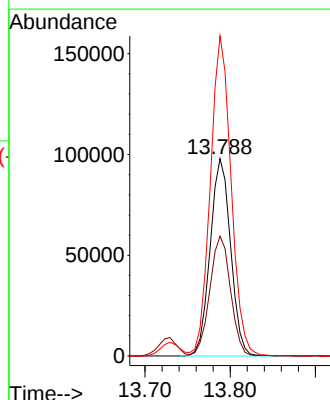
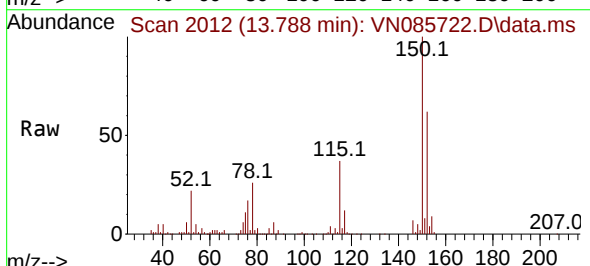
RT: 13.788 min Scan# 2012

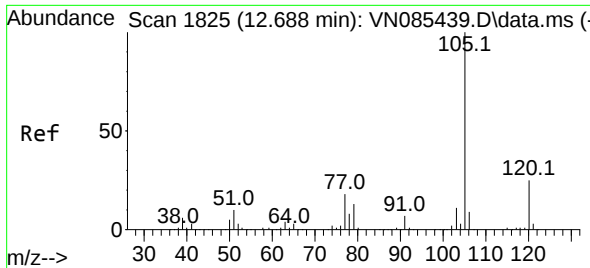
Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 163261 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 61.5  | 31.1  | 93.3   |
| 150       | 164.8 | 0.0   | 343.6  |





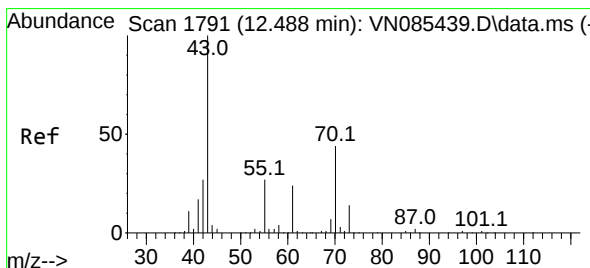
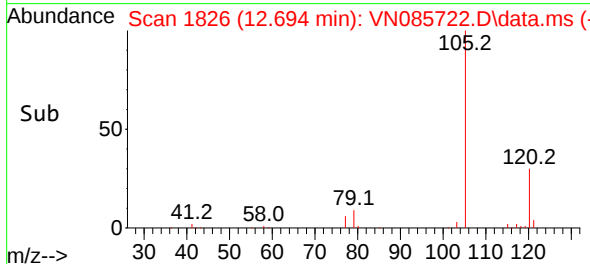
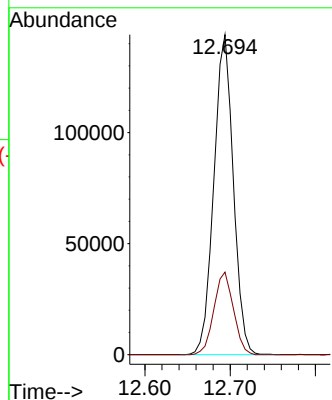
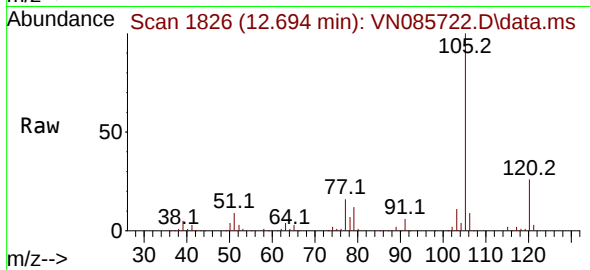
#73  
Isopropylbenzene  
Concen: 20.716 ug/l  
RT: 12.694 min Scan# 1825  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:105 Resp: 228264  
Ion Ratio Lower Upper  
105 100  
120 25.8 12.8 38.3

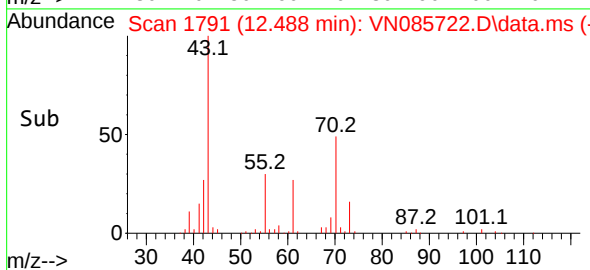
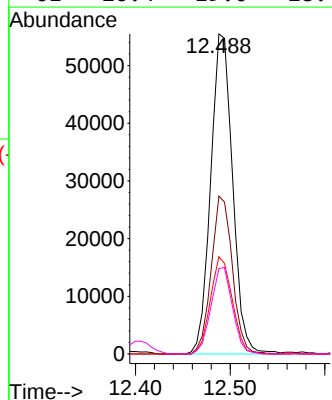
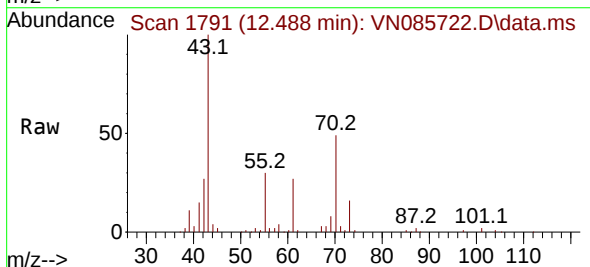
Manual Integrations  
APPROVED

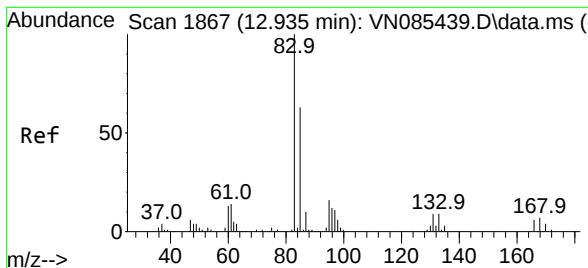
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#74  
N-ethyl acetate  
Concen: 18.006 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

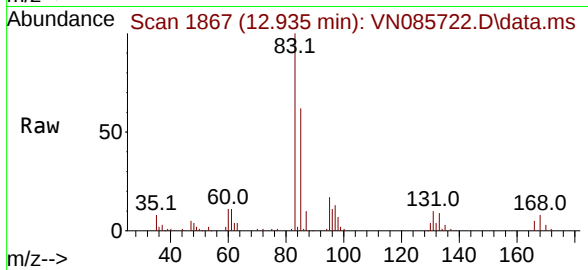
Tgt Ion: 43 Resp: 89176  
Ion Ratio Lower Upper  
43 100  
70 47.5 34.0 51.0  
55 30.2 21.4 32.2  
61 26.4 19.0 28.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.195 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

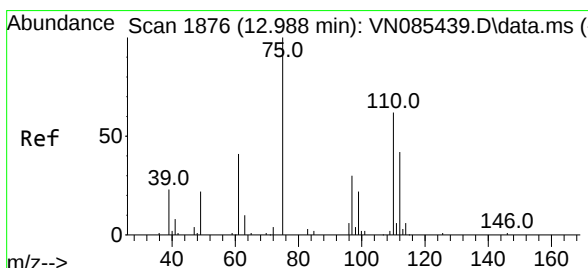
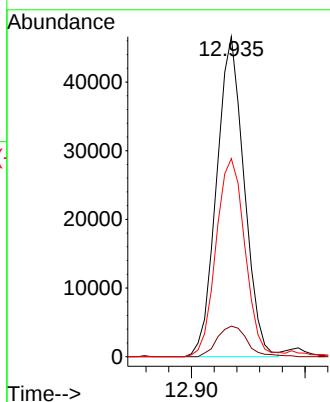
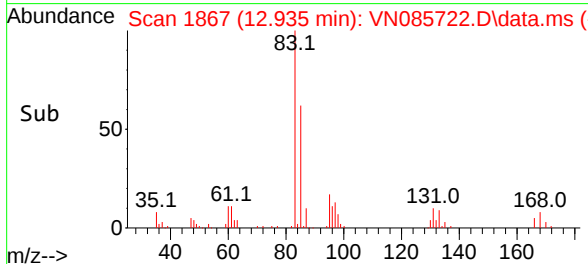
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



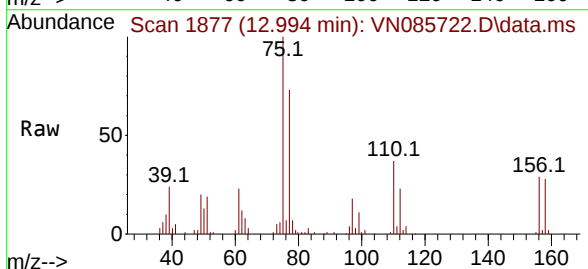
Tgt Ion: 83 Resp: 7860  
Ion Ratio Lower Upper  
83 100  
131 10.4 4.8 14.4  
85 65.0 32.2 96.6

Manual Integrations  
APPROVED

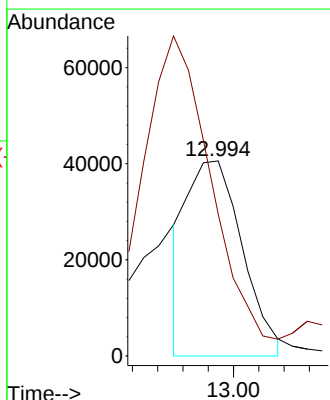
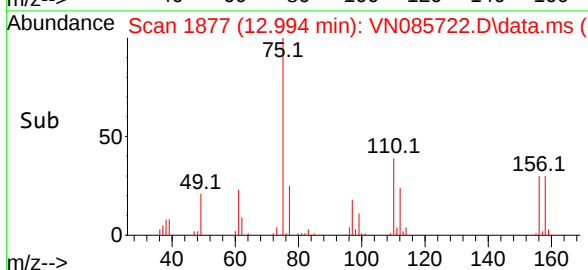
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

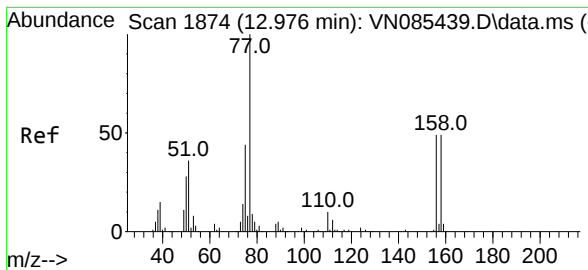


#76  
1,2,3-Trichloropropane  
Concen: 18.617 ug/l m  
RT: 12.994 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion: 75 Resp: 61778  
Ion Ratio Lower Upper  
75 100  
77 211.1 109.7 329.2





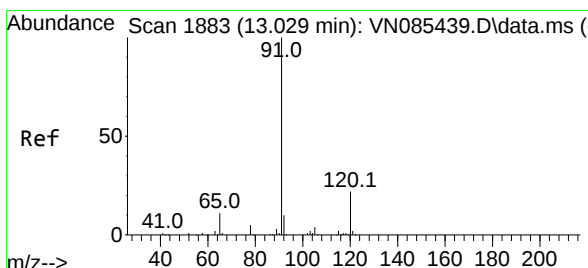
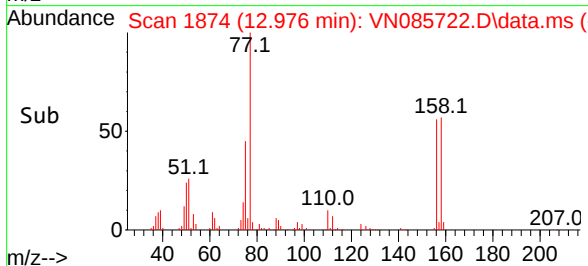
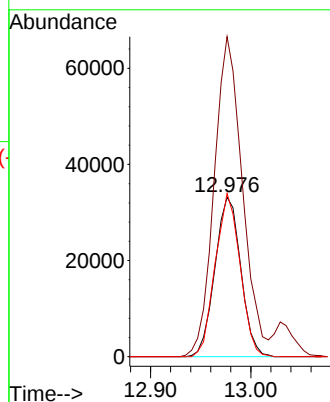
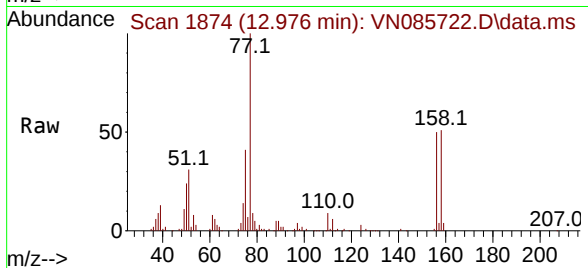
#77  
Bromobenzene  
Concen: 20.634 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:156 Resp: 59400  
Ion Ratio Lower Upper  
156 100  
77 219.5 114.1 342.4  
158 97.9 48.9 146.8

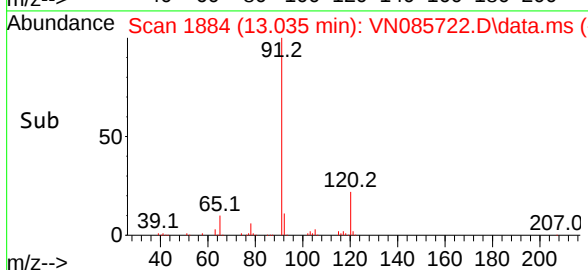
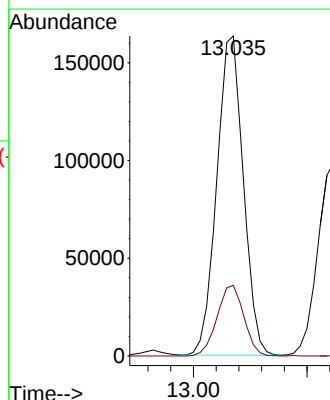
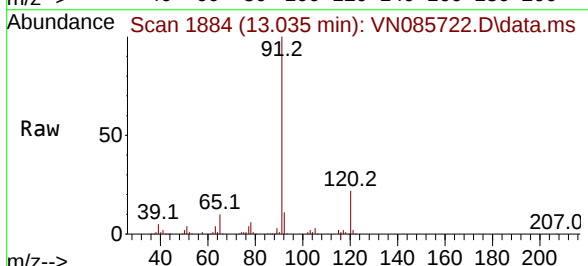
Manual Integrations  
APPROVED

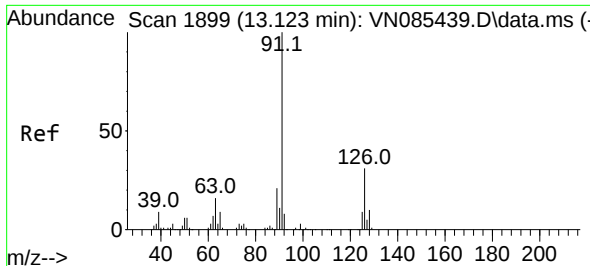
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#78  
n-propylbenzene  
Concen: 20.313 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Tgt Ion: 91 Resp: 264974  
Ion Ratio Lower Upper  
91 100  
120 22.3 10.9 32.6





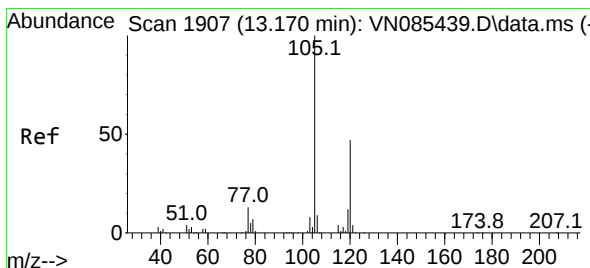
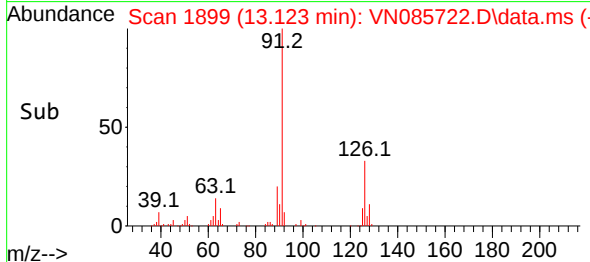
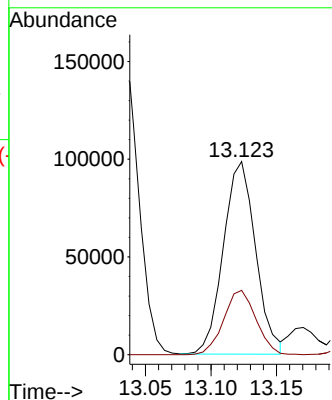
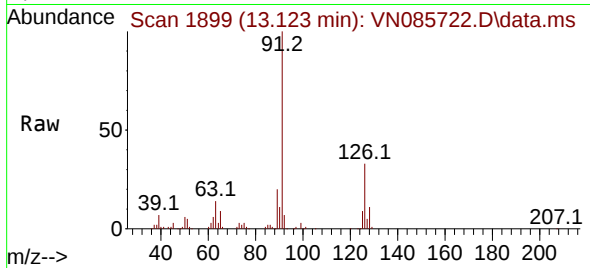
#79  
2-Chlorotoluene  
Concen: 19.988 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion: 91 Resp: 16874  
Ion Ratio Lower Upper  
91 100  
126 33.5 15.7 47.1

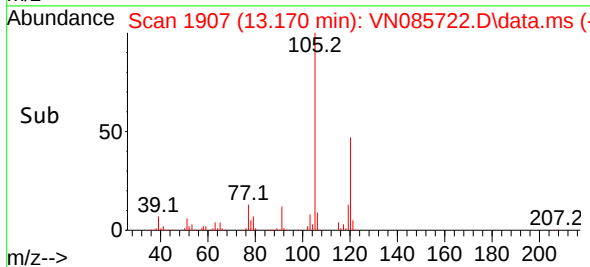
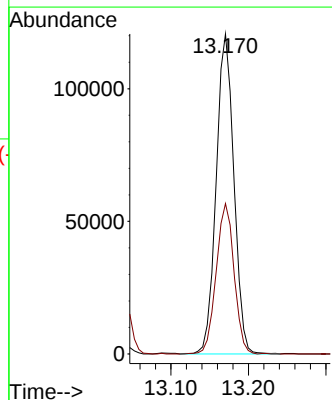
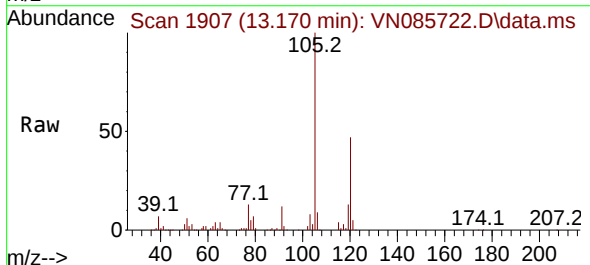
Manual Integrations  
APPROVED

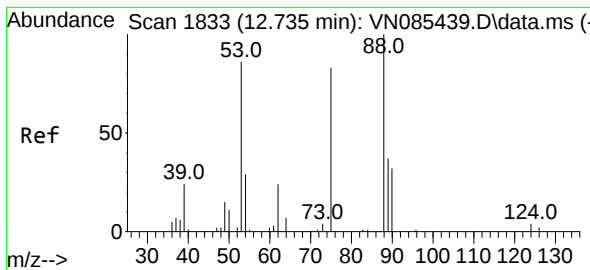
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 21.016 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

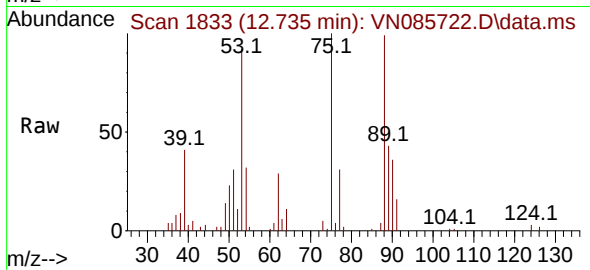
Tgt Ion:105 Resp: 191275  
Ion Ratio Lower Upper  
105 100  
120 47.5 23.9 71.7





#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.691 ug/l m  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

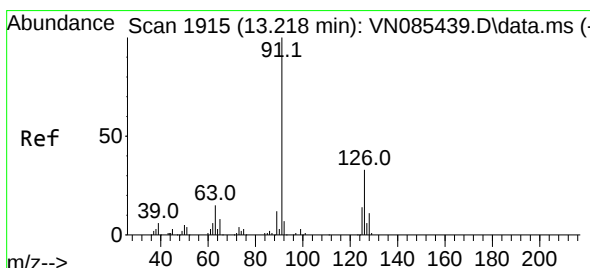
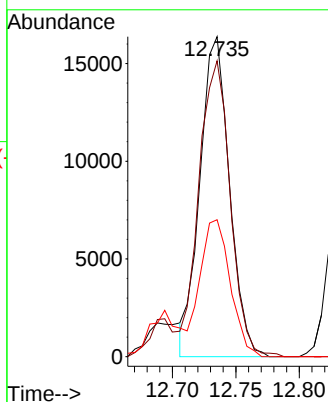
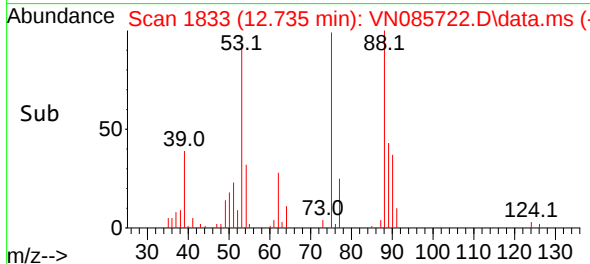
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



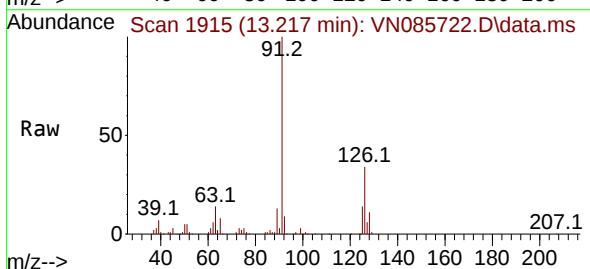
Tgt Ion: 75 Resp: 26604  
Ion Ratio Lower Upper  
75 100  
53 99.2 95.6 143.4  
89 43.3 37.0 55.6

Manual Integrations  
APPROVED

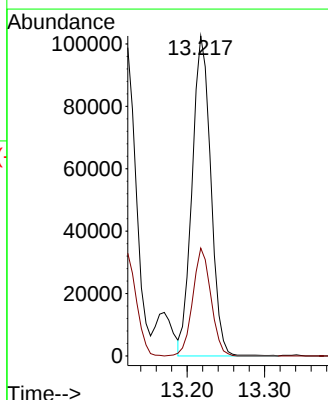
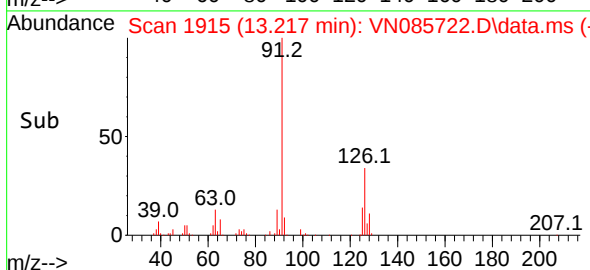
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

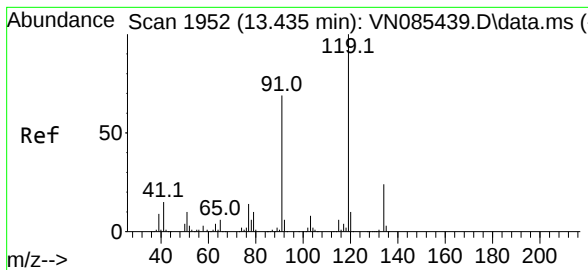


#82  
4-Chlorotoluene  
Concen: 20.407 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion: 91 Resp: 171538  
Ion Ratio Lower Upper  
91 100  
126 32.9 15.9 47.7





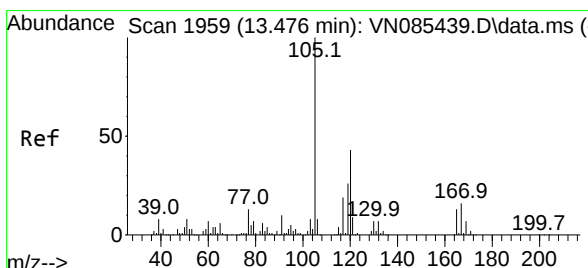
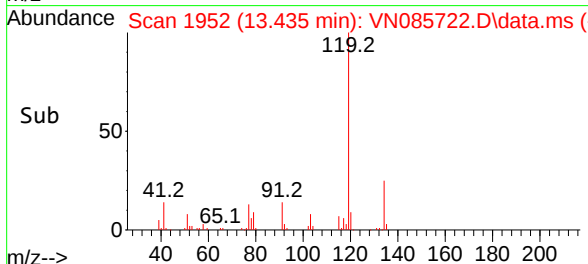
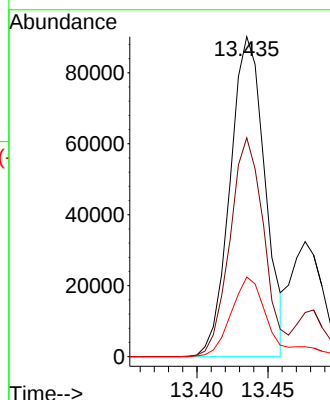
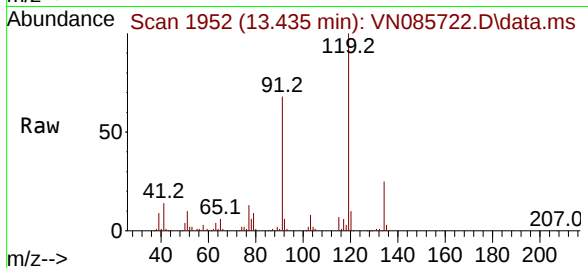
#83  
tert-Butylbenzene  
Concen: 20.149 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:119 Resp: 154000  
Ion Ratio Lower Upper  
119 100  
91 67.4 35.1 105.3  
134 26.9 12.0 36.1

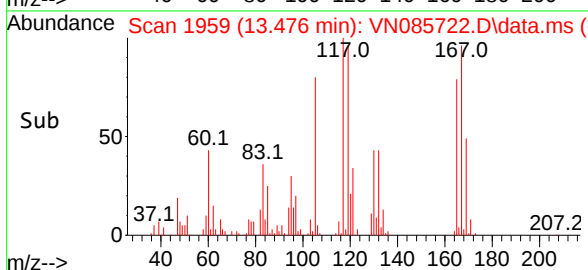
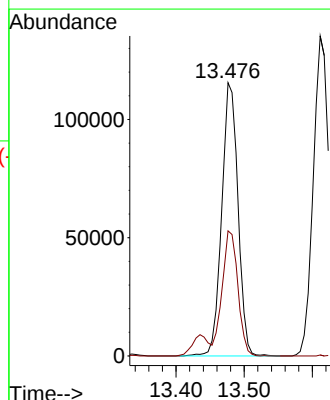
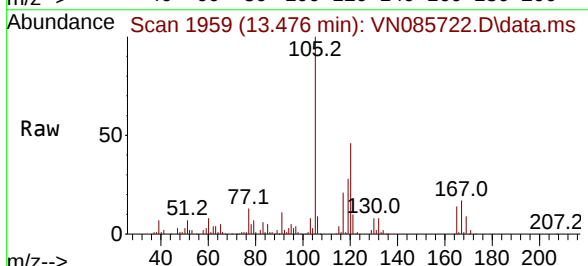
Manual Integrations  
APPROVED

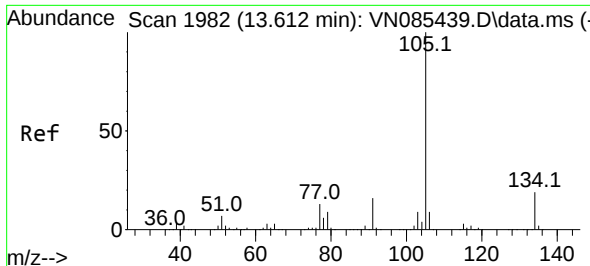
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#84  
1,2,4-Trimethylbenzene  
Concen: 21.127 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

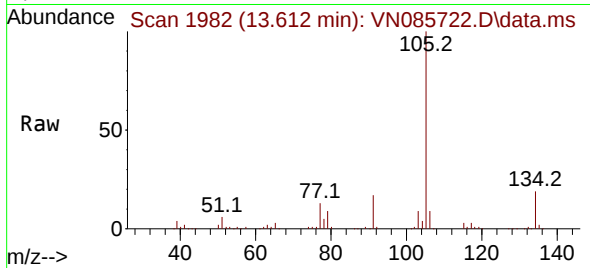
Tgt Ion:105 Resp: 191646  
Ion Ratio Lower Upper  
105 100  
120 44.2 21.6 65.0





#85  
 sec-Butylbenzene  
 Concen: 20.666 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36

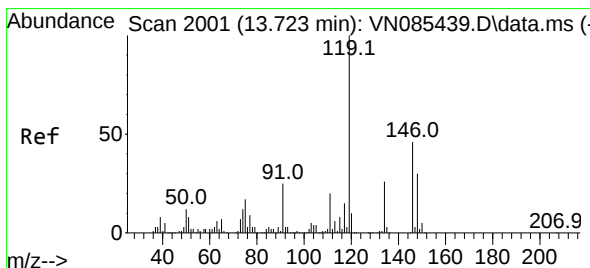
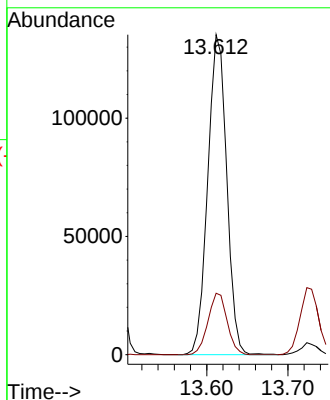
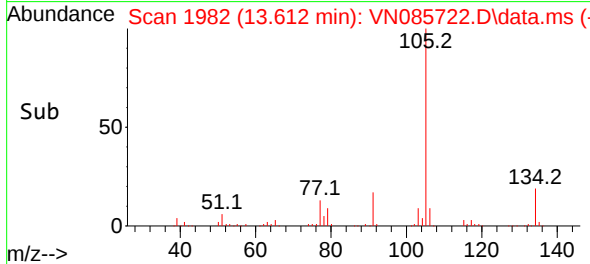
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0210MBS01



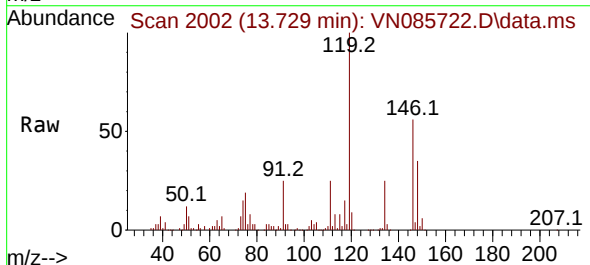
Tgt Ion:105 Resp: 21892  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 28.9

Manual Integrations  
 APPROVED

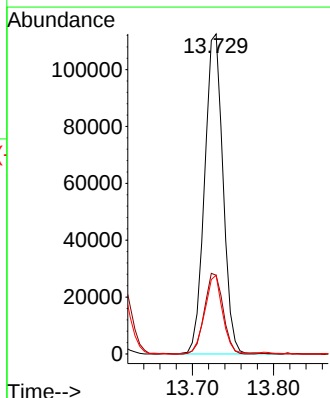
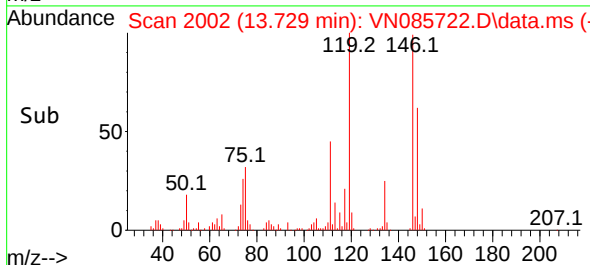
Reviewed By :John Carlone 02/11/2025  
 Supervised By :Mahesh Dadoda 02/11/2025

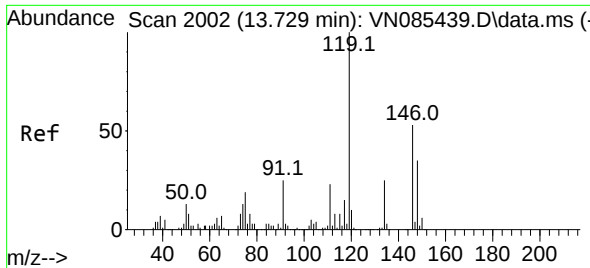


#86  
 p-Isopropyltoluene  
 Concen: 19.982 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.006 min  
 Lab File: VN085722.D  
 Acq: 10 Feb 2025 14:36



Tgt Ion:119 Resp: 176413  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.7 38.0  
 91 24.0 12.7 38.1





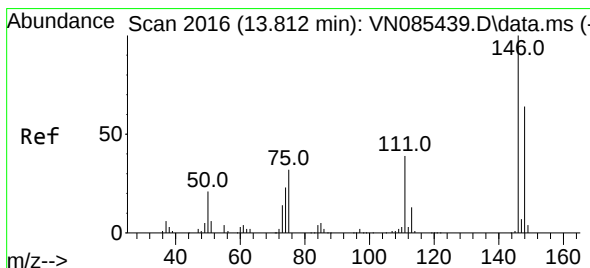
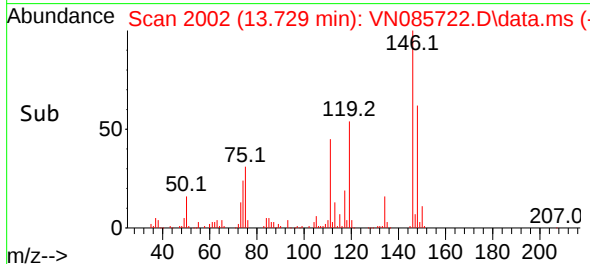
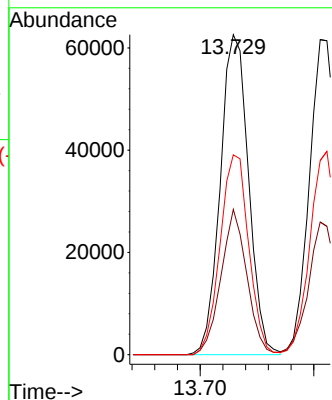
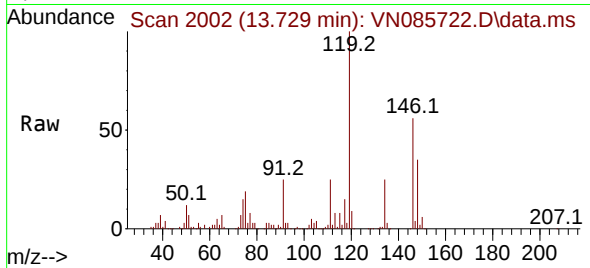
#87  
1,3-Dichlorobenzene  
Concen: 20.393 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01

Tgt Ion:146 Resp: 108114  
Ion Ratio Lower Upper  
146 100  
111 41.6 21.4 64.3  
148 63.3 32.3 96.9

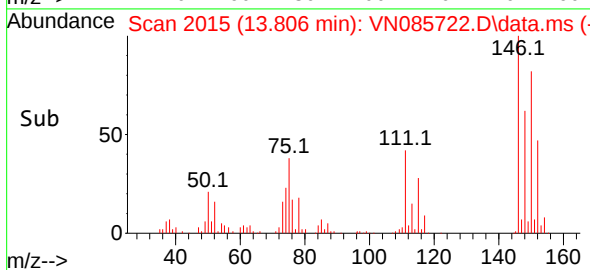
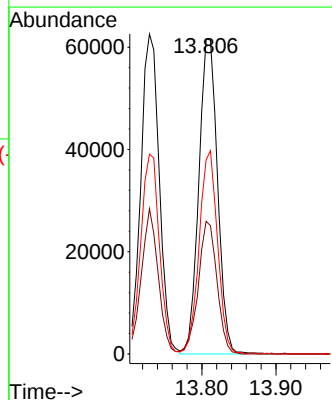
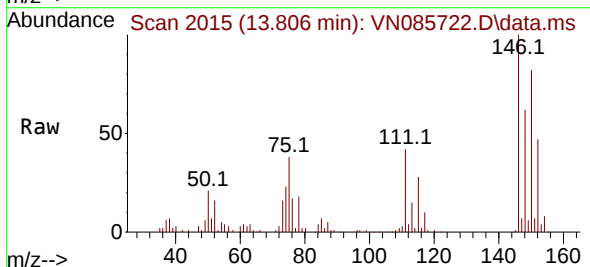
Manual Integrations  
APPROVED

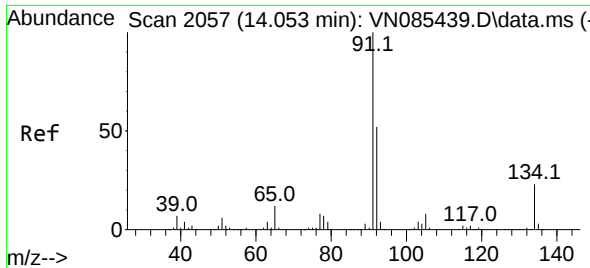
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#88  
1,4-Dichlorobenzene  
Concen: 19.659 ug/l  
RT: 13.806 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

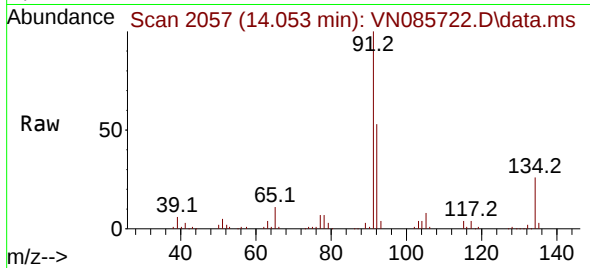
Tgt Ion:146 Resp: 108033  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.3 63.7  
148 63.3 32.4 97.0





#89  
n-Butylbenzene  
Concen: 18.805 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

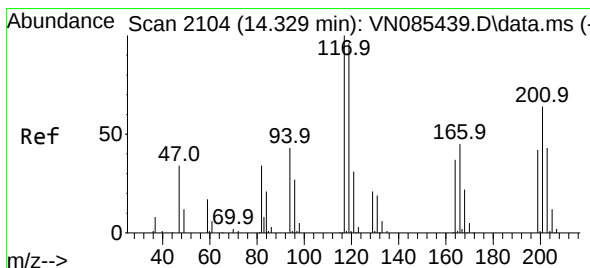
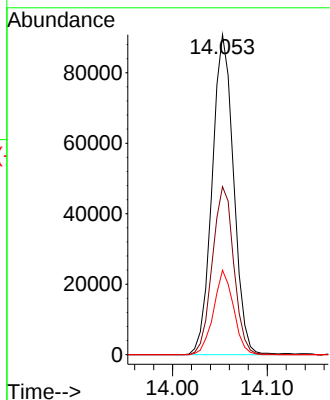
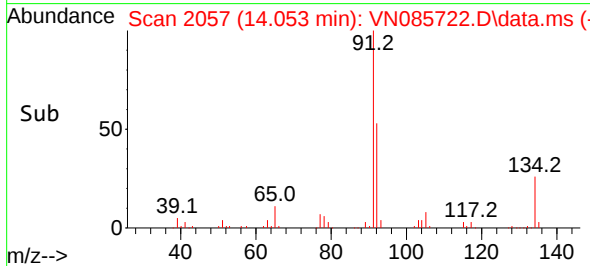
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



Tgt Ion: 91 Resp: 142915  
Ion Ratio Lower Upper  
91 100  
92 52.4 25.8 77.3  
134 24.5 11.7 35.1

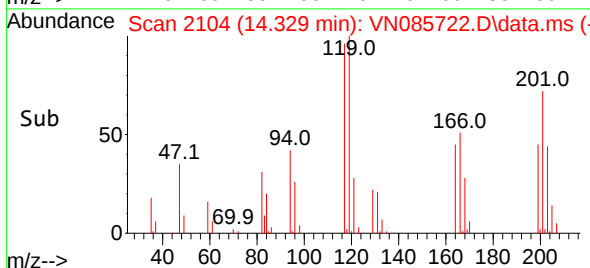
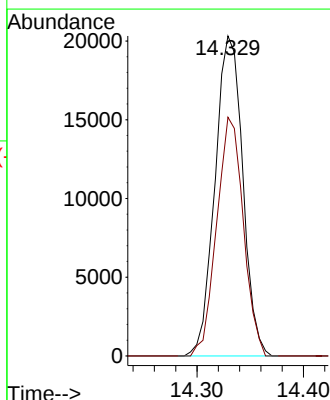
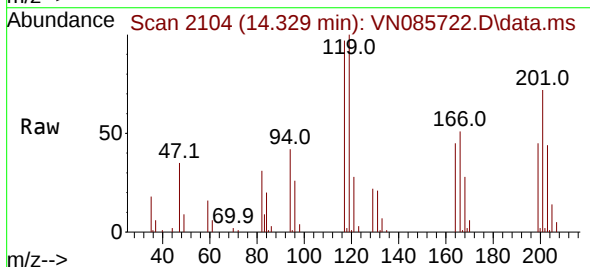
Manual Integrations  
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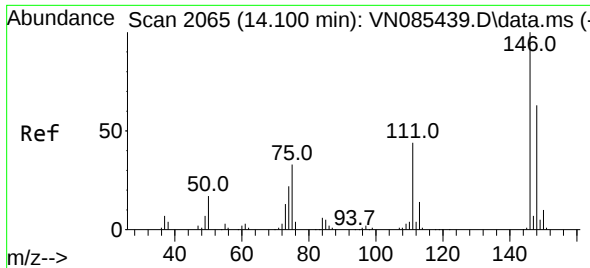
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#90  
Hexachloroethane  
Concen: 18.212 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

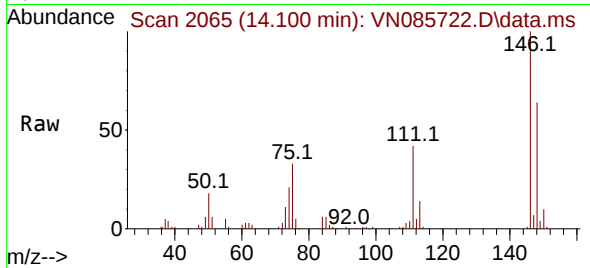
Tgt Ion:117 Resp: 36727  
Ion Ratio Lower Upper  
117 100  
201 71.7 33.7 101.0





#91  
1,2-Dichlorobenzene  
Concen: 19.390 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

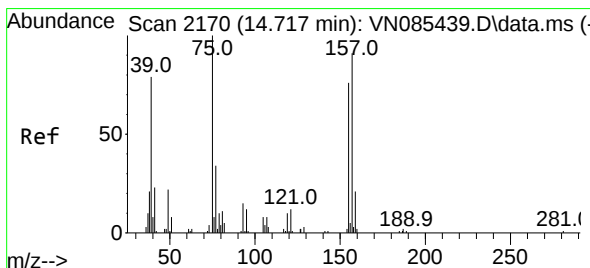
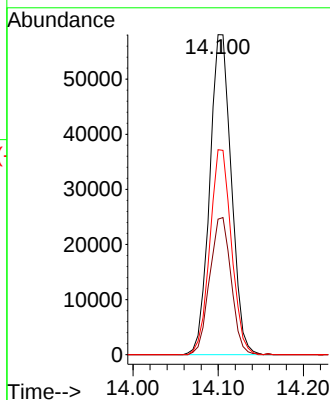
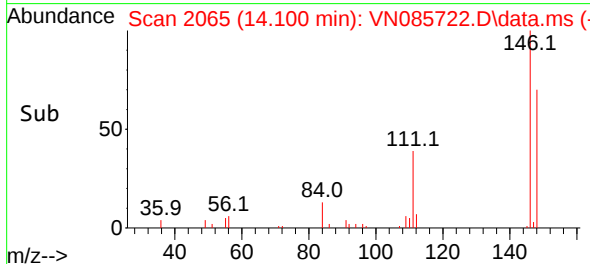
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



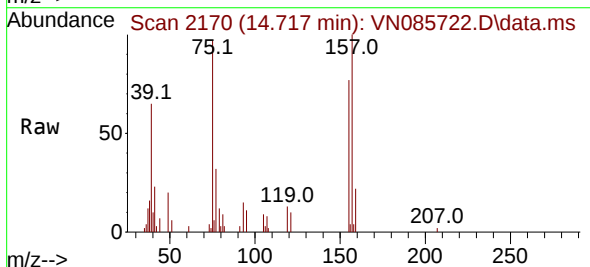
Tgt Ion:146 Resp: 10254  
Ion Ratio Lower Upper  
146 100  
111 42.4 21.7 65.1  
148 63.9 31.4 94.2

Manual Integrations  
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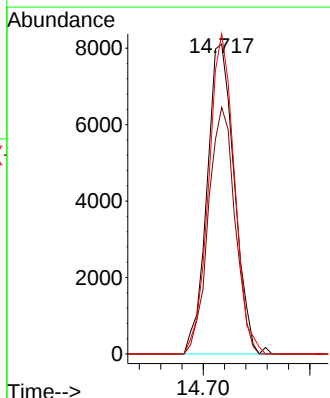
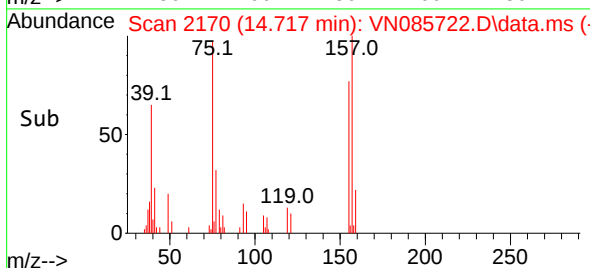
Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025

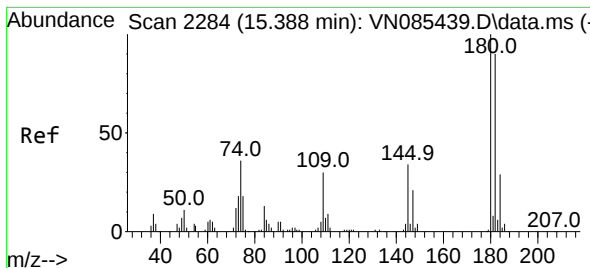


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.337 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion: 75 Resp: 14455  
Ion Ratio Lower Upper  
75 100  
155 77.3 36.4 109.2  
157 96.9 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 18.740 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

Instrument :

MSVOA\_N

ClientSampleId :

VN0210MBS01

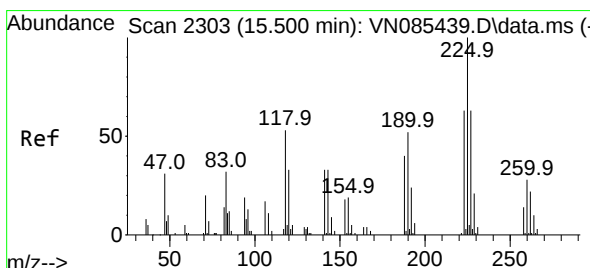
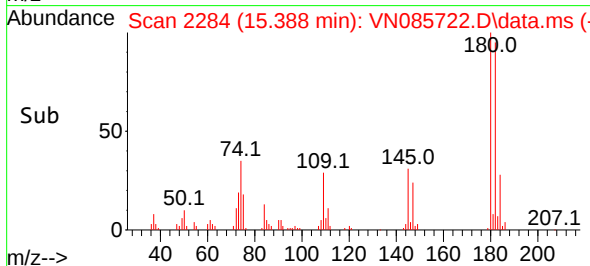
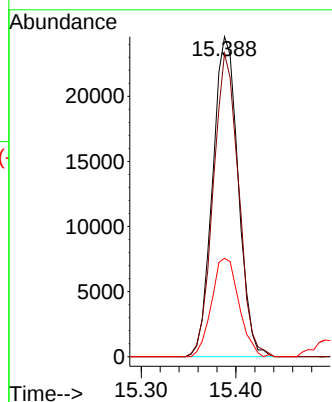
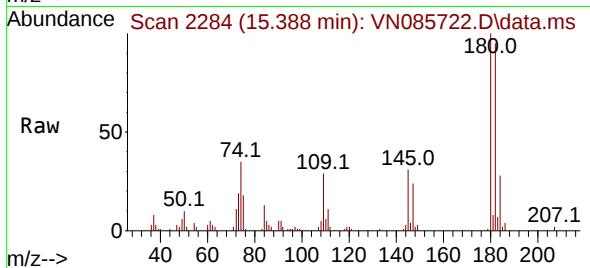
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 4606       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.8  | 46.8 140.3 |
| 145         | 33.0  | 16.0 48.0  |

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#94

Hexachlorobutadiene

Concen: 19.323 ug/l

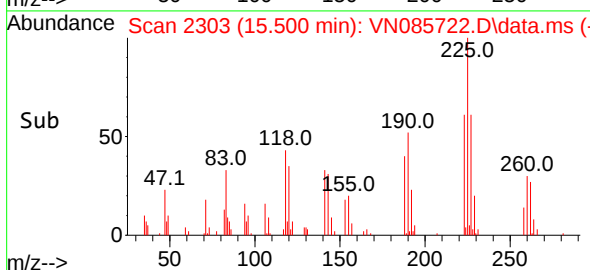
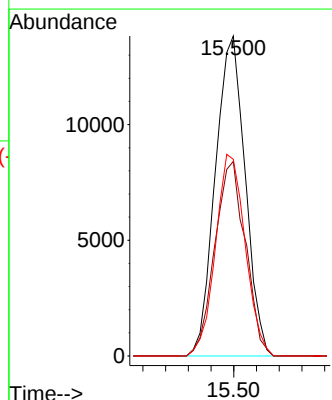
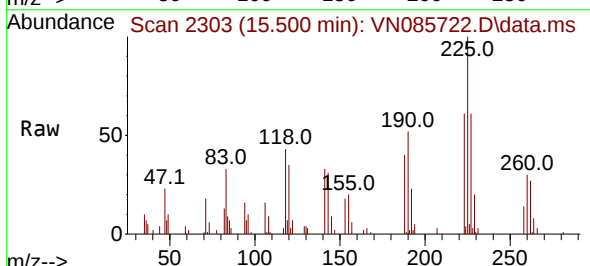
RT: 15.500 min Scan# 2303

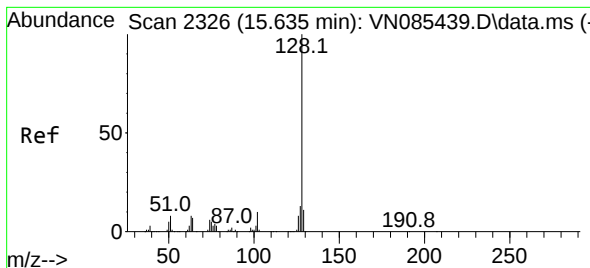
Delta R.T. -0.000 min

Lab File: VN085722.D

Acq: 10 Feb 2025 14:36

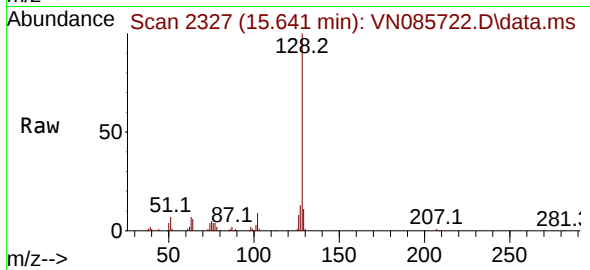
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 25214     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.2  | 30.7 92.1 |
| 227         | 62.8  | 30.9 92.5 |





#95  
Naphthalene  
Concen: 18.712 ug/l  
RT: 15.641 min Scan# 2327  
Delta R.T. 0.006 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36

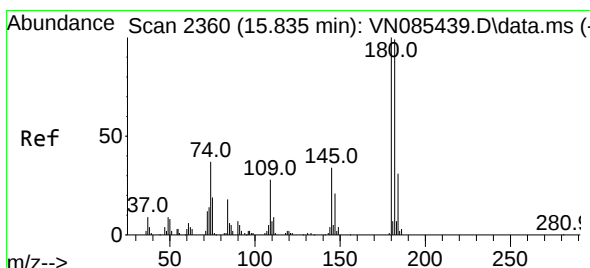
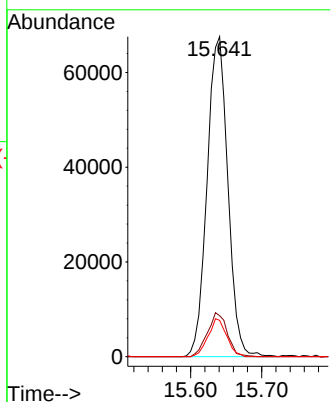
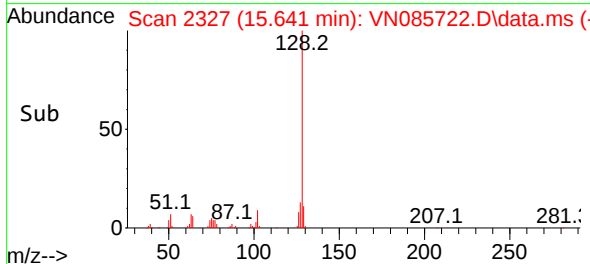
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0210MBS01



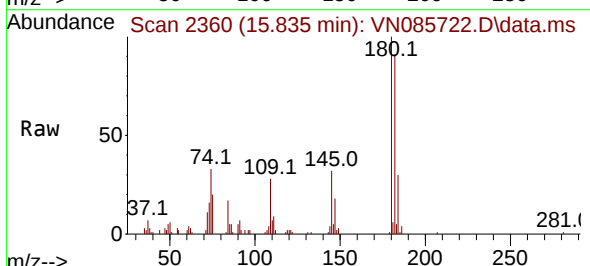
Tgt Ion:128 Resp: 137240  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 16.0  
129 10.6 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 02/11/2025  
Supervised By :Mahesh Dadoda 02/11/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 19.274 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN085722.D  
Acq: 10 Feb 2025 14:36



Tgt Ion:180 Resp: 47933  
Ion Ratio Lower Upper  
180 100  
182 94.2 47.4 142.2  
145 32.9 16.9 50.7

