

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012825\  
 Data File : VN085530.D  
 Acq On : 28 Jan 2025 11:48  
 Operator : JC\MD  
 Sample : VN0128WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0128WBSD01

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 01/29/2025  
 Supervised By :Semsettin Yesilyurt 01/29/2025

Quant Time: Jan 29 00:36:31 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  | 182154   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 309854   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 273221   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 127977   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 147838   | 50.279   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 100.560% |
| 35) Dibromofluoromethane    | 8.165  | 113   | 107958   | 50.222   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 100.440% |
| 50) Toluene-d8              | 10.565 | 98    | 390099   | 51.076   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 102.160% |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 133187   | 50.978   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 101.960% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 43993  | 17.838  | ug/l   | 98  |
| 3) Chloromethane             | 2.359 | 50  | 47315  | 17.719  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.512 | 62  | 47895  | 17.844  | ug/l   | 98  |
| 5) Bromomethane              | 2.959 | 94  | 29197  | 18.008  | ug/l   | 93  |
| 6) Chloroethane              | 3.118 | 64  | 33369  | 19.610  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.501 | 101 | 75960  | 19.504  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.965 | 74  | 26094  | 19.395  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 44549  | 20.309  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 50174  | 19.974  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 39612  | 117.652 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 38078  | 19.478  | ug/l   | 96  |
| 13) Acrolein                 | 4.183 | 56  | 40971  | 89.143  | ug/l   | 96  |
| 14) Allyl chloride           | 5.024 | 41  | 61288  | 19.320  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.718 | 53  | 117305 | 109.689 | ug/l   | 97  |
| 16) Acetone                  | 4.424 | 43  | 102700 | 108.100 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.712 | 76  | 97539  | 16.205  | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 67889  | 23.500  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.795 | 73  | 139282 | 21.942  | ug/l   | 100 |
| 20) Methylene Chloride       | 5.277 | 84  | 46285  | 19.680  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 39520  | 18.916  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.665 | 45  | 150475 | 21.371  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.600 | 43  | 520716 | 105.676 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 87788  | 20.448  | ug/l   | 99  |
| 25) 2-Butanone               | 7.477 | 43  | 154236 | 110.320 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 7.489 | 77  | 75260  | 21.682  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.483 | 96  | 49722  | 20.206  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 33640  | 16.842  | ug/l   | 97  |
| 29) Tetrahydrofuran          | 7.841 | 42  | 101879 | 114.937 | ug/l   | 100 |
| 30) Chloroform               | 7.965 | 83  | 91378  | 20.593  | ug/l   | 99  |
| 31) Cyclohexane              | 8.253 | 56  | 65567  | 17.571  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 78366  | 20.134  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 57513  | 19.063  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 64941  | 21.326  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 69210  | 20.038  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.600 | 83  | 52898  | 18.659  | ug/l   | 99  |
| 40) Benzene                  | 8.606 | 78  | 183341 | 20.225  | ug/l   | 99  |

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 Sample : VN0128WBSD01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0128WBSD01

Quant Time: Jan 29 00:36:31 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

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 01/29/2025  
 Supervised By :Semsettin Yesilyurt 01/29/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 33920    | 21.410  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 73450    | 21.514  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.683  | 43   | 105226   | 21.565  | ug/l   | 100      |
| 44) Trichloroethene           | 9.353  | 130  | 40907    | 19.386  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 47937    | 20.703  | ug/l   | 98       |
| 46) Dibromomethane            | 9.706  | 93   | 35054    | 20.981  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.882  | 83   | 73992    | 21.738  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.677  | 41   | 48128    | 21.918  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 17249    | 466.467 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 334158   | 118.016 | ug/l   | 100      |
| 52) Toluene                   | 10.624 | 92   | 113049   | 21.523  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 69056    | 21.468  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 74974    | 21.821  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 44789    | 21.547  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 65671    | 19.962  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 78972    | 21.850  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 129996   | 98.550  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 235784   | 118.347 | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.359 | 129  | 54955    | 21.899  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 43841    | 21.189  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 39045    | 20.962  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.888 | 112  | 123448   | 20.625  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 47119    | 21.449  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.959 | 91   | 200961   | 20.614  | ug/l   | 99       |
| 68) m/p-Xylenes               | 12.071 | 106  | 156444   | 43.421  | ug/l   | 98       |
| 69) o-Xylene                  | 12.394 | 106  | 71566    | 20.785  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 121646   | 21.347  | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 35363    | 22.498  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 183110   | 21.200  | ug/l   | 100      |
| 74) N-ethyl acetate           | 12.494 | 43   | 84761    | 21.833  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 66402    | 21.763  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 61286m   | 23.561  | ug/l   |          |
| 77) Bromobenzene              | 12.976 | 156  | 47394    | 21.002  | ug/l   | 100      |
| 78) n-propylbenzene           | 13.035 | 91   | 222149   | 21.726  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 143547   | 21.691  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 155679   | 21.820  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 21365    | 22.223  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 141708   | 21.506  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 126399   | 21.097  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 158115   | 22.236  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 176846   | 21.297  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 144432   | 20.822  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 87193    | 20.981  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 87963    | 20.420  | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.053 | 91   | 121076   | 20.324  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.329 | 117  | 31810    | 20.123  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 84554    | 20.397  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 12008    | 21.553  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 37673    | 19.554  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 20093    | 19.644  | ug/l   | 98       |
| 95) Naphthalene               | 15.641 | 128  | 110672   | 19.250  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 39684    | 20.356  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN012825\  
Data File : VN085530.D  
Acq On : 28 Jan 2025 11:48  
Operator : JC\MD  
Sample : VN0128WBSD01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Manual Integrations  
APPROVED

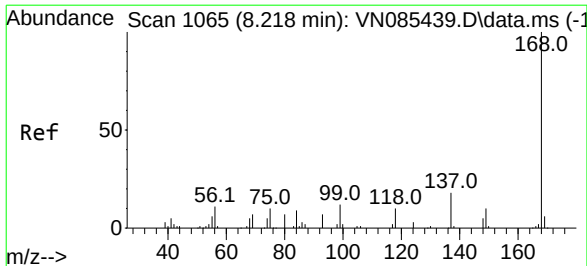
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025

Quant Time: Jan 29 00:36:31 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) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |

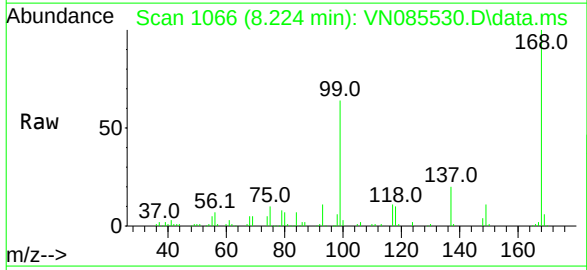
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

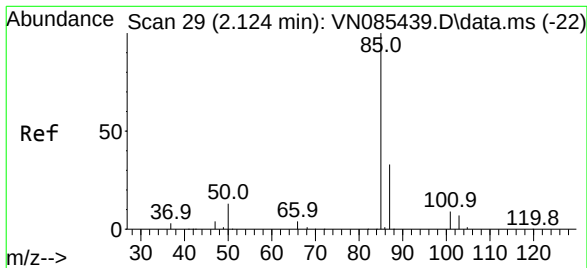
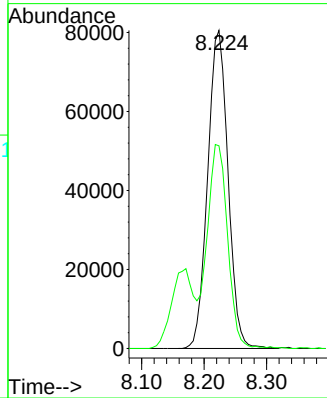
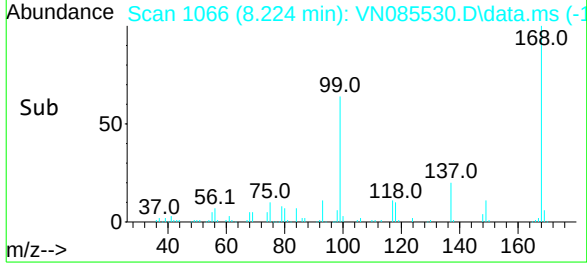
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



Tgt Ion:168 Resp: 182154  
Ion Ratio Lower Upper  
168 100  
99 63.5 53.6 80.4

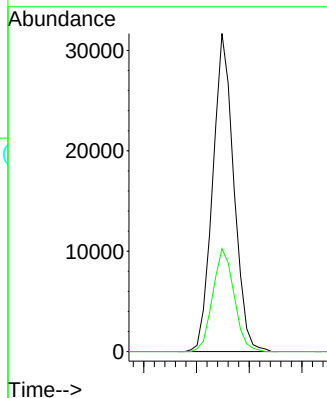
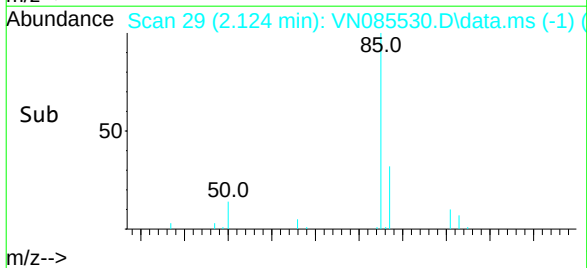
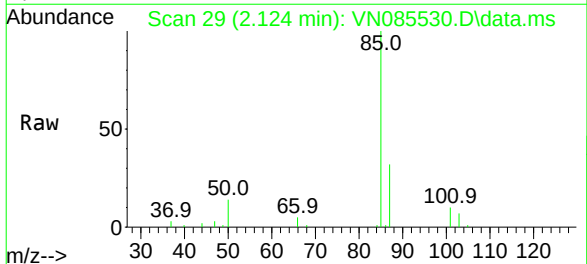
Manual Integrations  
APPROVED

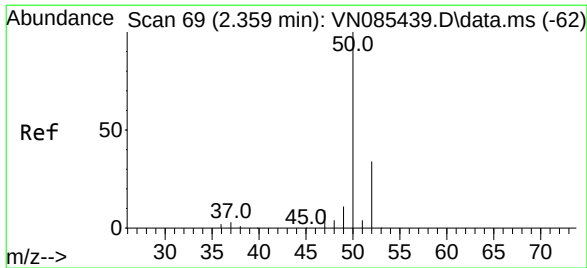
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#2  
Dichlorodifluoromethane  
Concen: 17.838 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

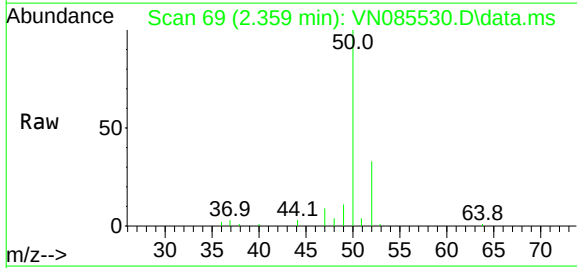
Tgt Ion: 85 Resp: 43993  
Ion Ratio Lower Upper  
85 100  
87 32.3 16.7 50.1





#3  
Chloromethane  
Concen: 17.719 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

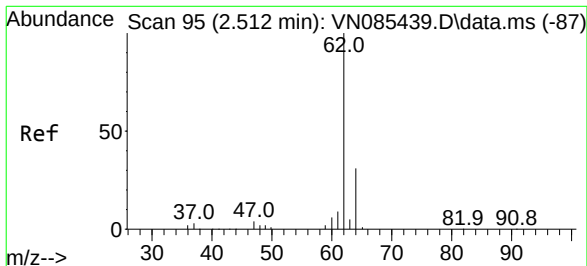
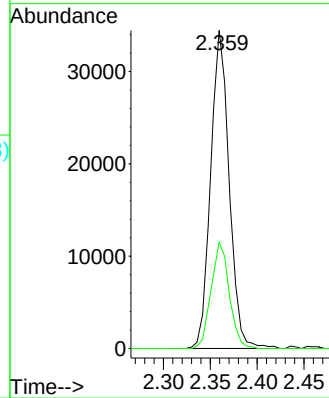
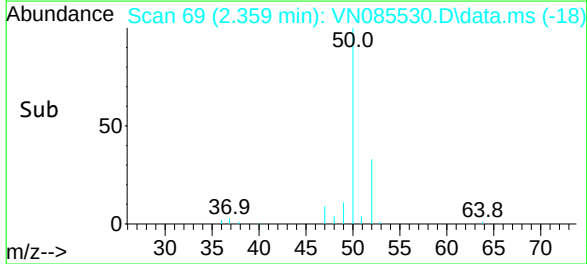
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



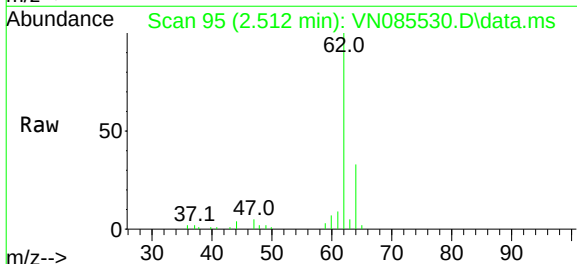
Tgt Ion: 50 Resp: 47315  
Ion Ratio Lower Upper  
50 100  
52 33.4 27.0 40.6

Manual Integrations  
APPROVED

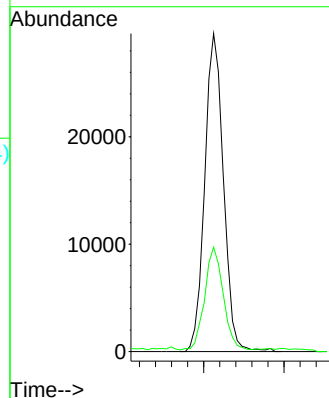
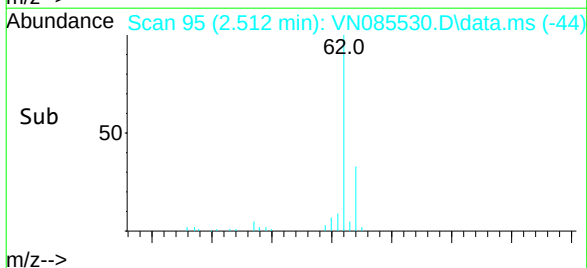
Reviewed By :John Carlone 01/29/2025  
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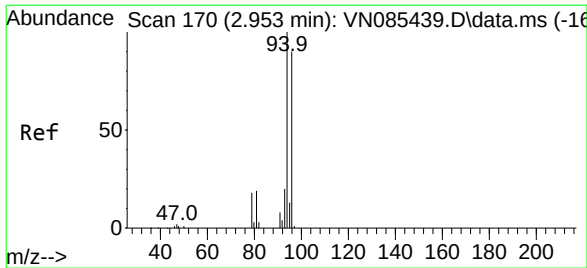


#4  
Vinyl Chloride  
Concen: 17.844 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48



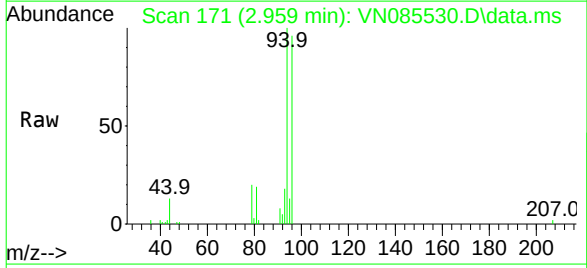
Tgt Ion: 62 Resp: 47895  
Ion Ratio Lower Upper  
62 100  
64 32.3 24.8 37.2





#5  
Bromomethane  
Concen: 18.008 ug/l  
RT: 2.959 min Scan# 171  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

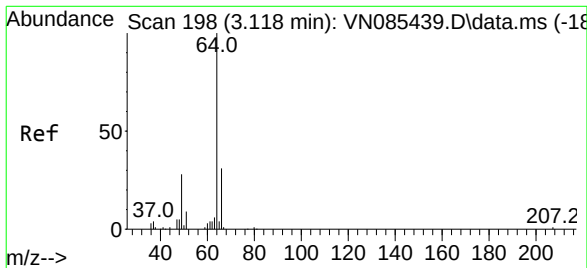
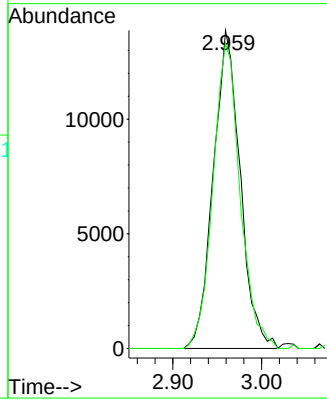
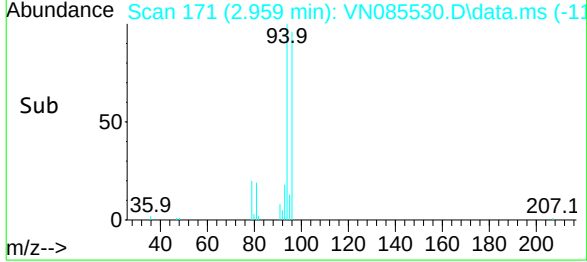
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



Tgt Ion: 94 Resp: 29197  
Ion Ratio Lower Upper  
94 100  
96 95.9 71.8 107.6

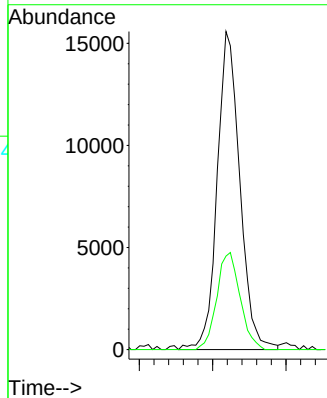
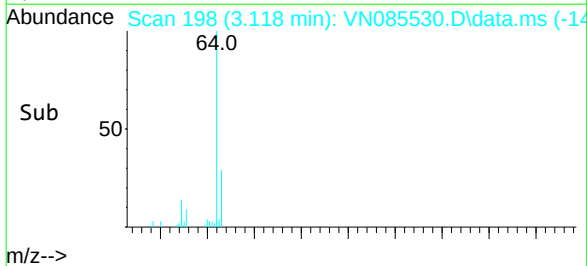
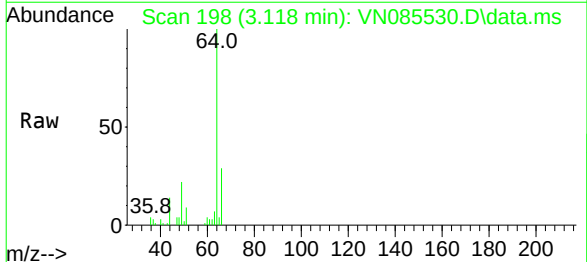
Manual Integrations  
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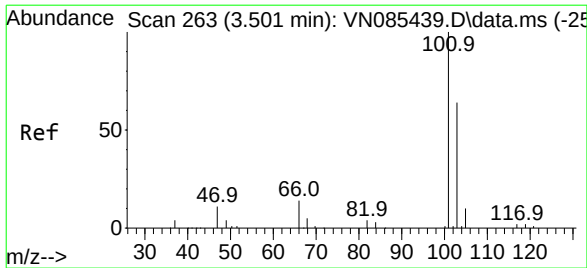
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#6  
Chloroethane  
Concen: 19.610 ug/l  
RT: 3.118 min Scan# 198  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

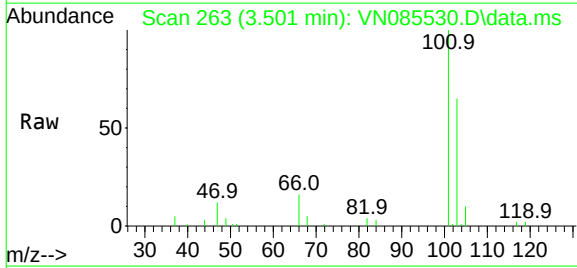
Tgt Ion: 64 Resp: 33369  
Ion Ratio Lower Upper  
64 100  
66 29.4 24.6 36.8





#7  
Trichlorofluoromethane  
Concen: 19.504 ug/l  
RT: 3.501 min Scan# 263  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

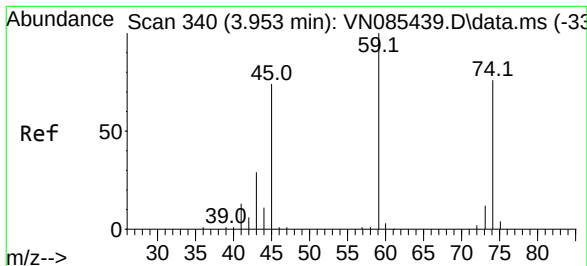
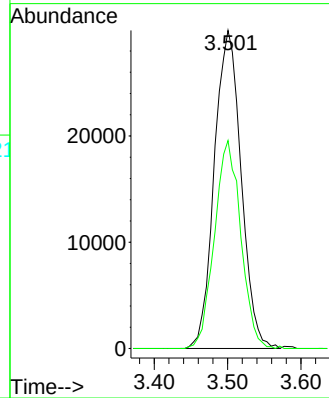
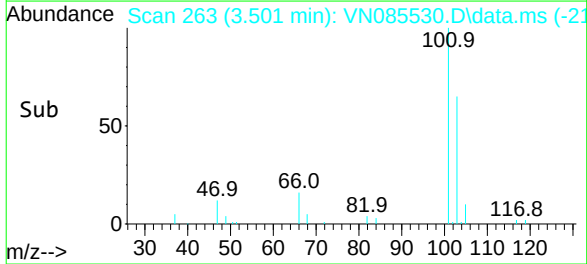
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



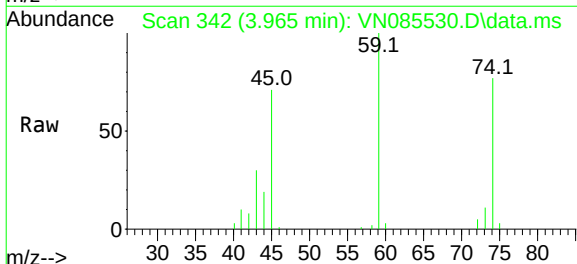
Tgt Ion: 101 Resp: 75960  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.4 77.2

Manual Integrations  
APPROVED

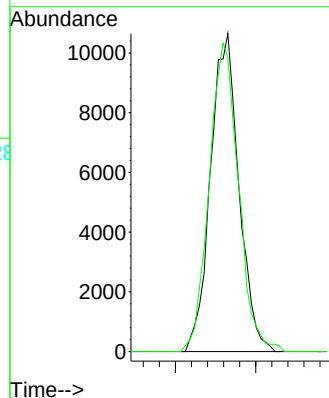
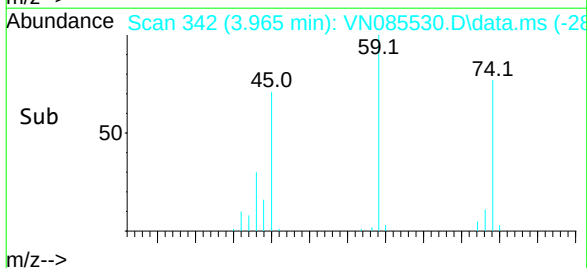
Reviewed By : John Carlone 01/29/2025  
Supervised By : Semsettin Yesilyurt 01/29/2025



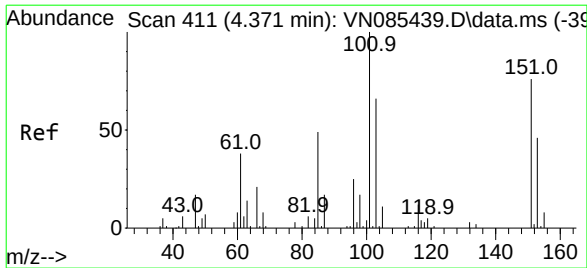
#8  
Diethyl Ether  
Concen: 19.395 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.012 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48



Tgt Ion: 74 Resp: 26094  
Ion Ratio Lower Upper  
74 100  
45 100.4 49.7 149.1







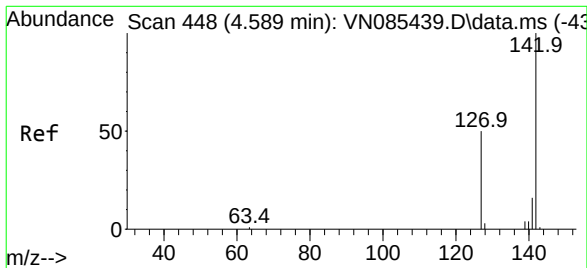
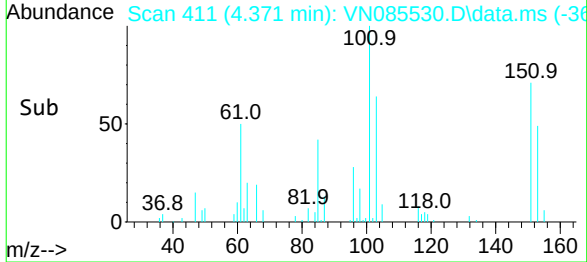
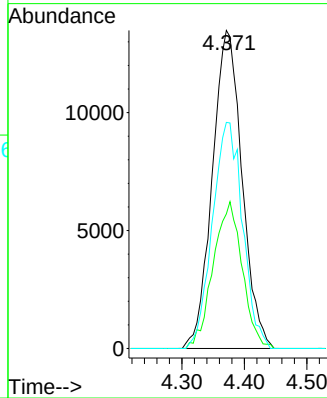
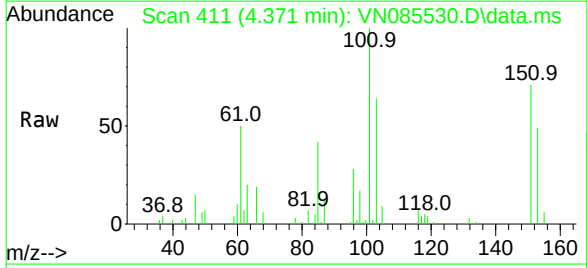
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.309 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion:101 Resp: 44549  
Ion Ratio Lower Upper  
101 100  
85 45.2 37.8 56.8  
151 72.2 58.8 88.2

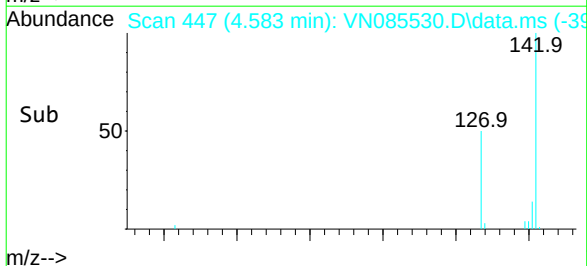
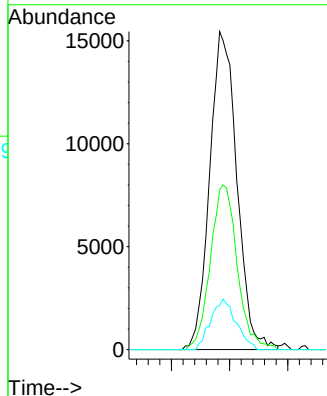
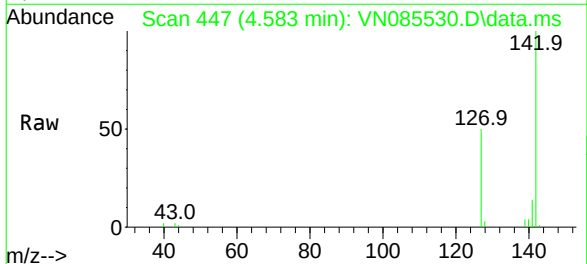
Manual Integrations  
APPROVED

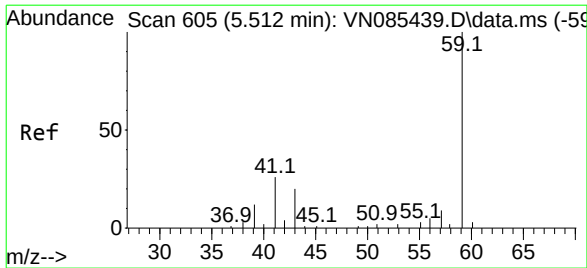
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#10  
Methyl Iodide  
Concen: 19.974 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:142 Resp: 50174  
Ion Ratio Lower Upper  
142 100  
127 50.2 40.3 60.5  
141 13.9 12.8 19.2





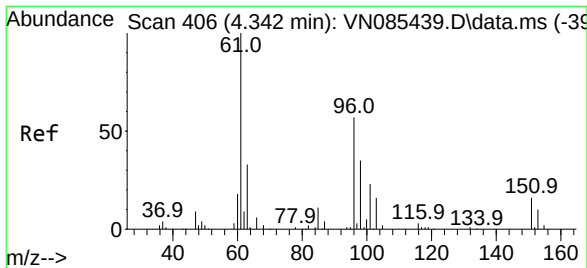
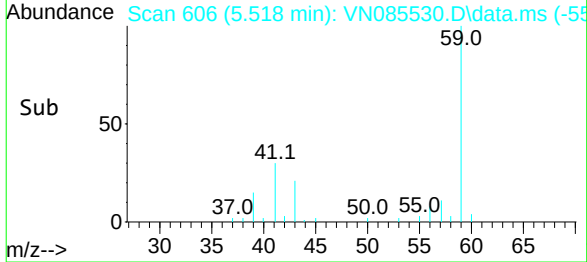
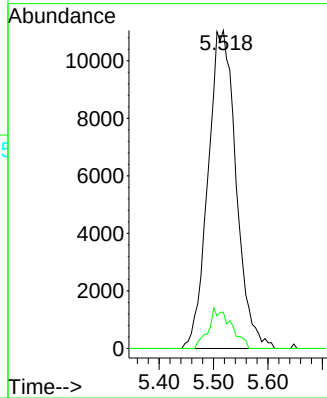
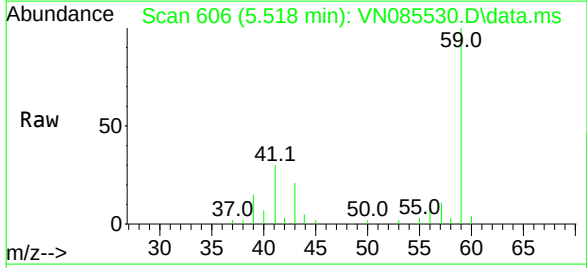
#11  
Tert butyl alcohol  
Concen: 117.652 ug/l  
RT: 5.518 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 59 Resp: 39612  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.6 13.0

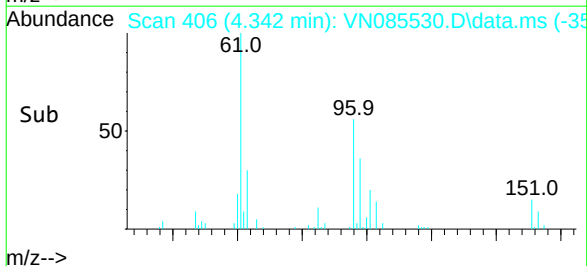
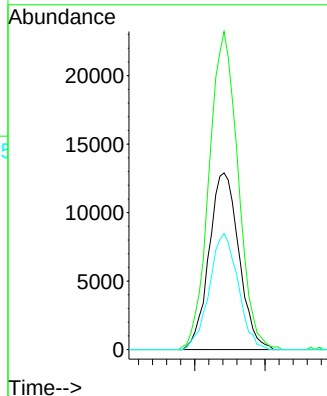
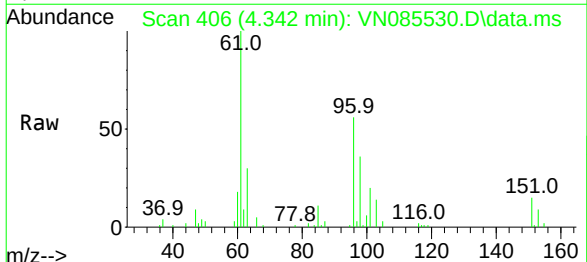
Manual Integrations  
APPROVED

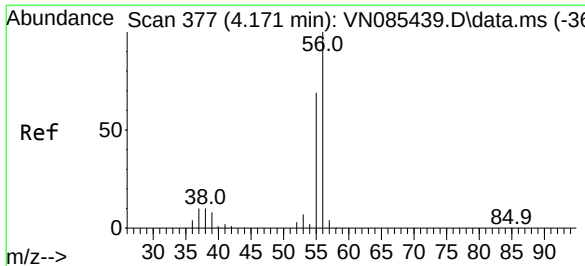
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#12  
1,1-Dichloroethene  
Concen: 19.478 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 96 Resp: 38078  
Ion Ratio Lower Upper  
96 100  
61 180.1 141.0 211.4  
98 65.7 49.0 73.6





#13

Acrolein

Concen: 89.143 ug/l

RT: 4.183 min Scan# 377

Delta R.T. 0.012 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01

Tgt Ion: 56 Resp: 40971

Ion Ratio Lower Upper

56 100

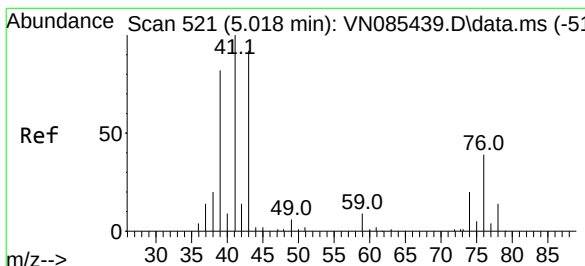
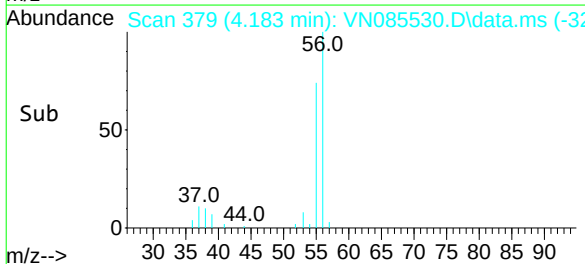
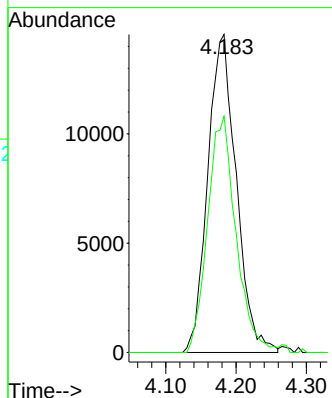
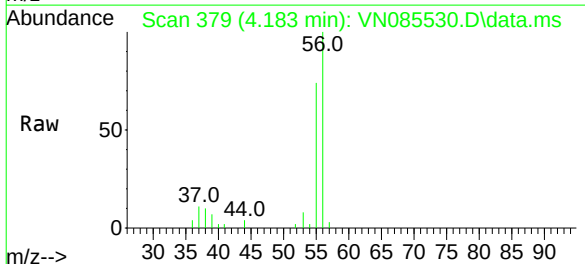
55 73.7 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#14

Allyl chloride

Concen: 19.320 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

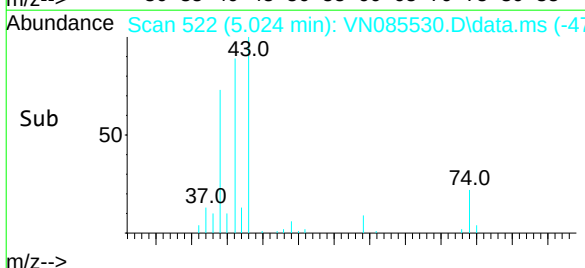
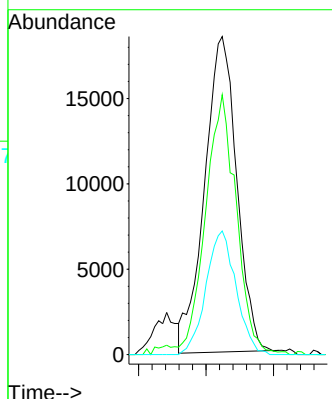
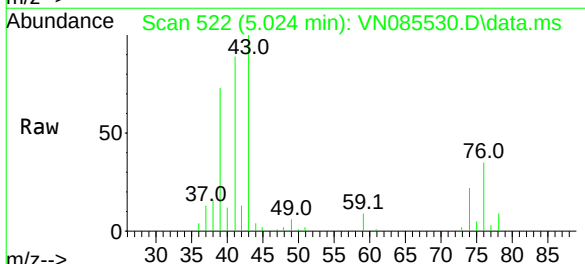
Tgt Ion: 41 Resp: 61288

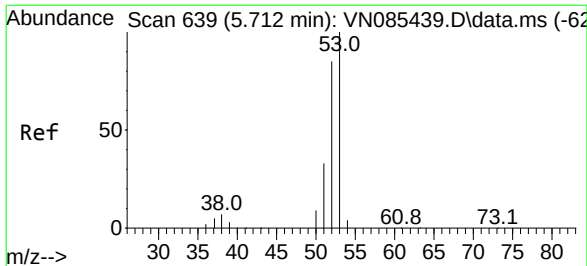
Ion Ratio Lower Upper

41 100

39 78.5 64.4 96.6

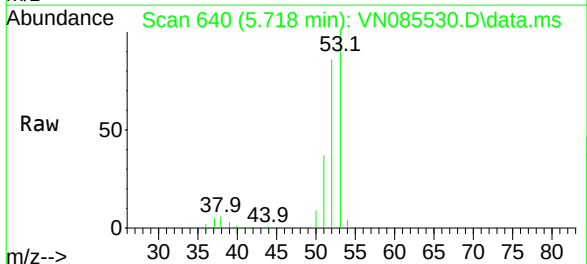
76 36.5 30.5 45.7





#15  
Acrylonitrile  
Concen: 109.689 ug/l  
RT: 5.718 min Scan# 64  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

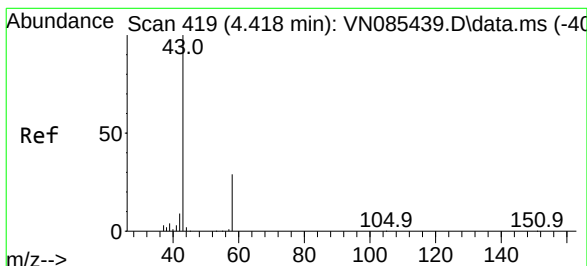
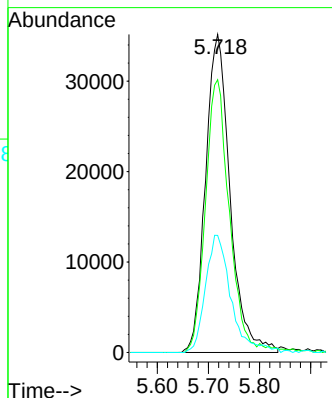
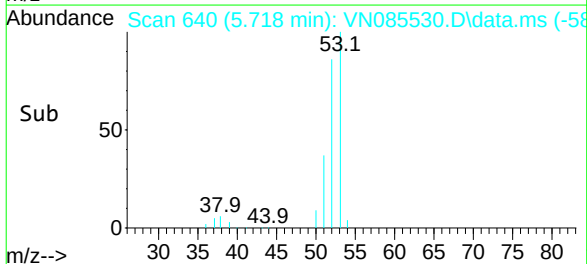
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



Tgt Ion: 53 Resp: 117305  
Ion Ratio Lower Upper  
53 100  
52 84.6 65.5 98.3  
51 38.2 29.8 44.8

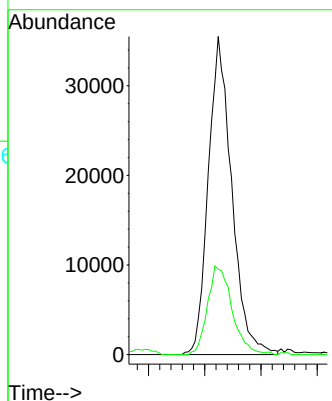
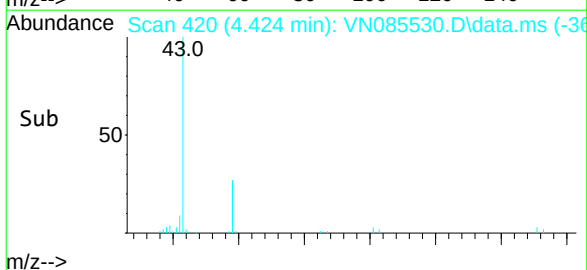
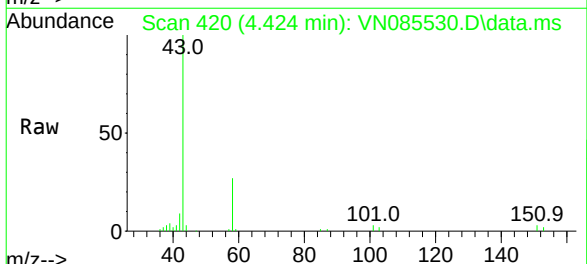
Manual Integrations  
APPROVED

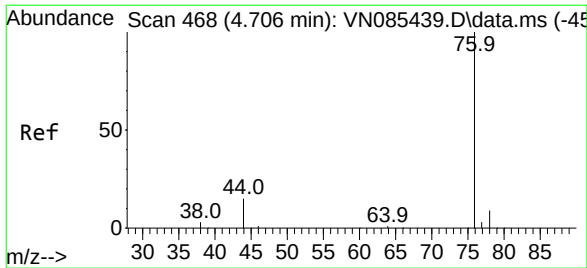
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#16  
Acetone  
Concen: 108.100 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

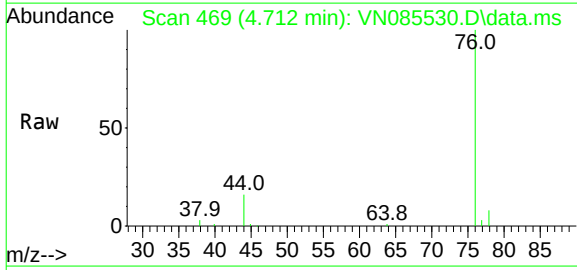
Tgt Ion: 43 Resp: 102700  
Ion Ratio Lower Upper  
43 100  
58 26.8 23.8 35.6





#17  
Carbon Disulfide  
Concen: 16.205 ug/l  
RT: 4.712 min Scan# 468  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

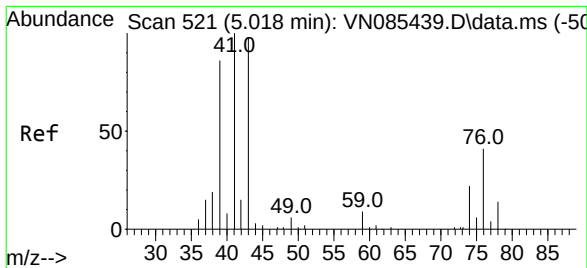
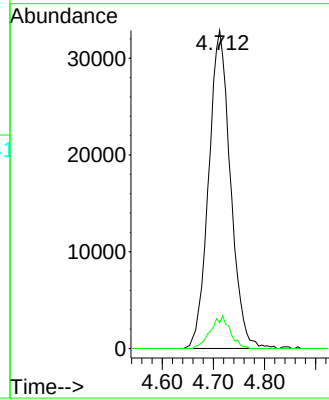
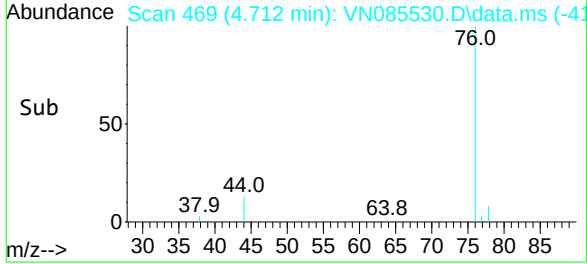
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



Tgt Ion: 76 Resp: 97539  
Ion Ratio Lower Upper  
76 100  
78 8.1 6.9 10.3

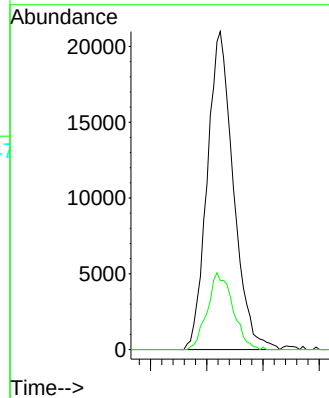
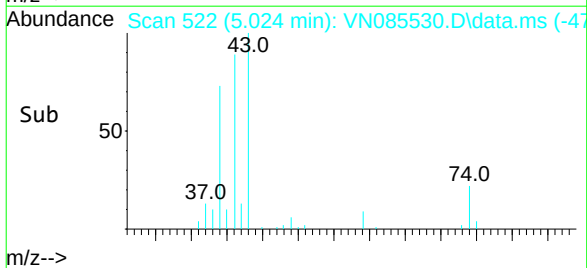
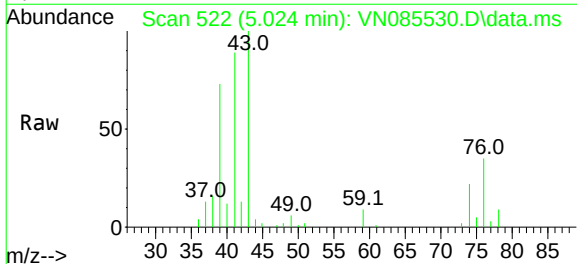
Manual Integrations  
APPROVED

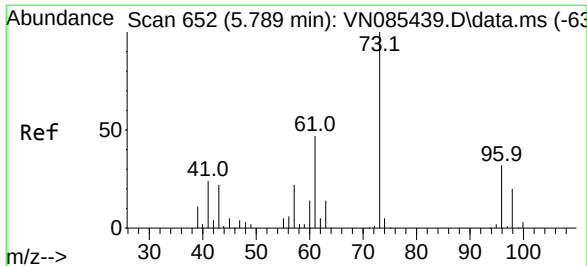
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#18  
Methyl Acetate  
Concen: 23.500 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 43 Resp: 67889  
Ion Ratio Lower Upper  
43 100  
74 23.5 18.6 28.0





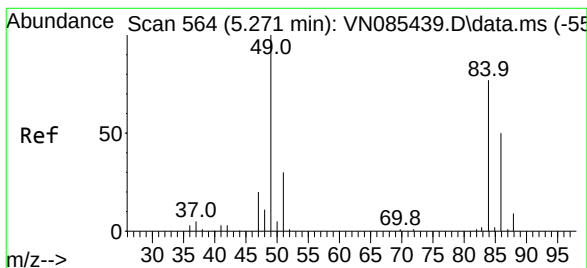
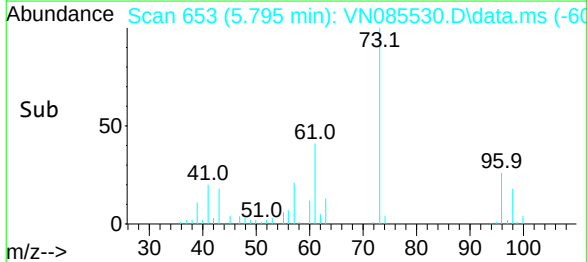
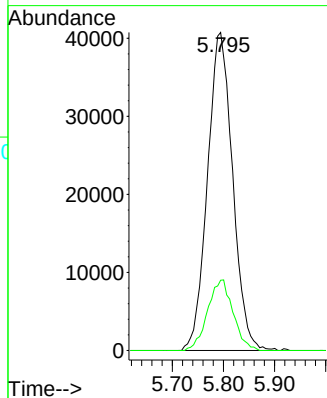
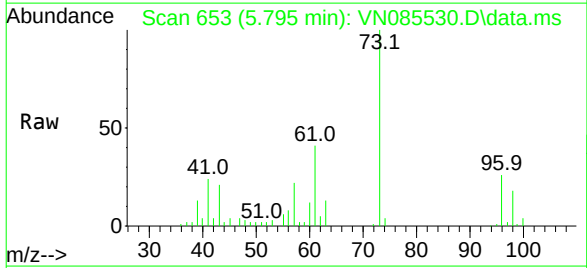
#19  
Methyl tert-butyl Ether  
Concen: 21.942 ug/l  
RT: 5.795 min Scan# 65  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 73 Resp: 139282  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.8 26.8

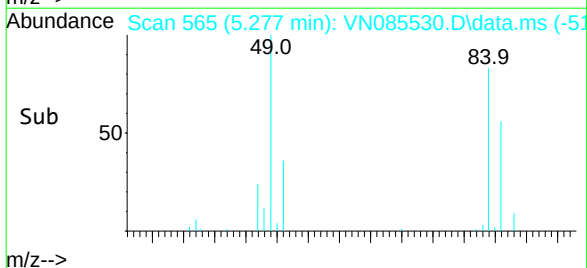
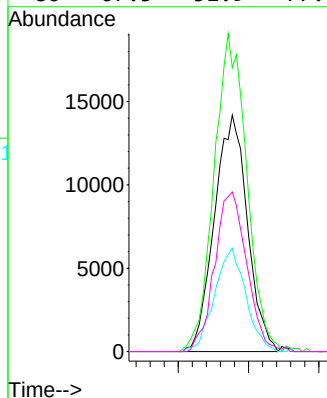
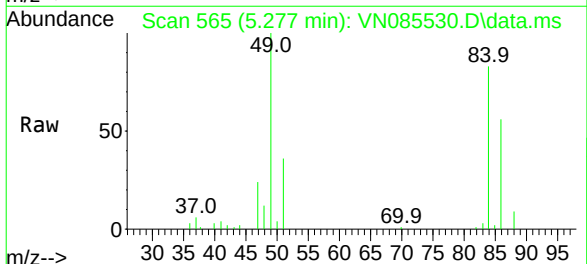
Manual Integrations  
APPROVED

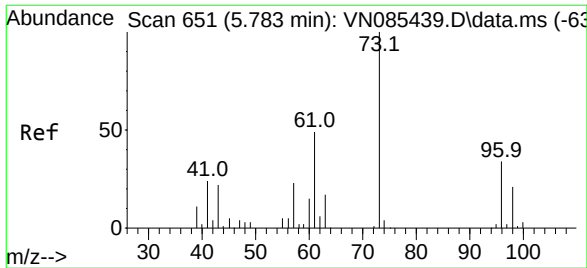
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#20  
Methylene Chloride  
Concen: 19.680 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 84 Resp: 46285  
Ion Ratio Lower Upper  
84 100  
49 120.0 104.1 156.1  
51 43.7 31.0 46.4  
86 67.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 18.916 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085530.D

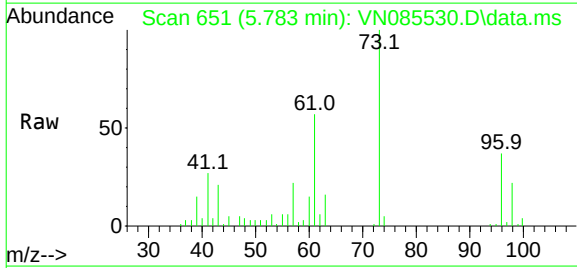
Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01



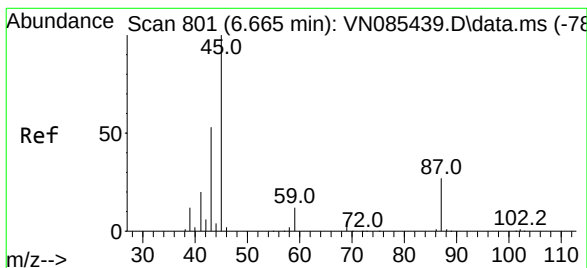
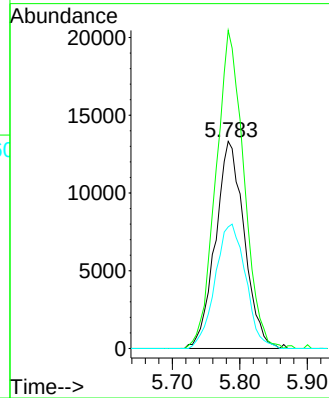
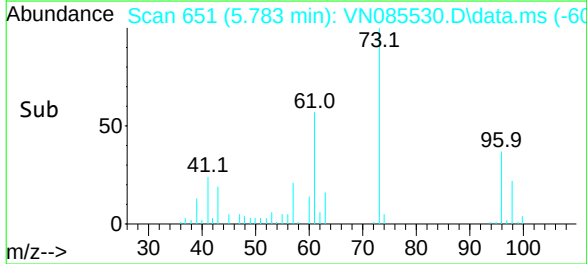
| Tgt Ion: | 96    | Resp: | 39520 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 153.6 | 115.7 | 173.5 |
| 98       | 58.7  | 49.8  | 74.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#22

Diisopropyl ether

Concen: 21.371 ug/l

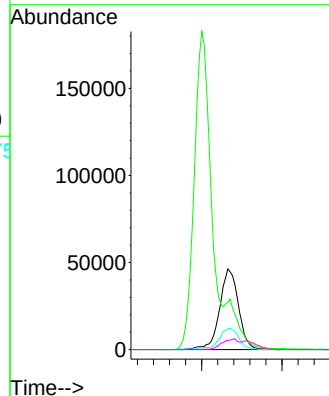
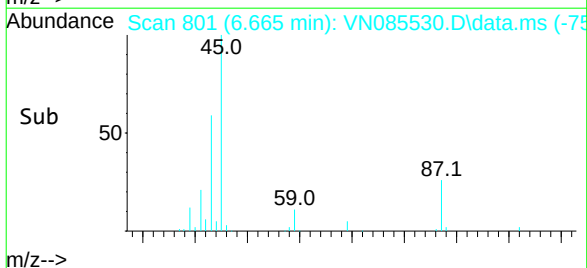
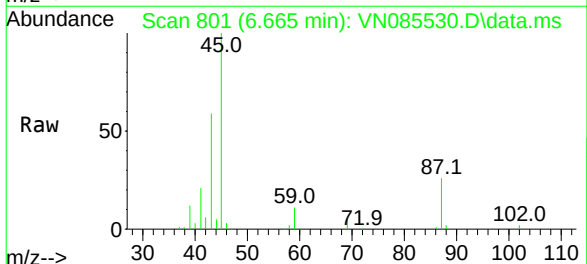
RT: 6.665 min Scan# 801

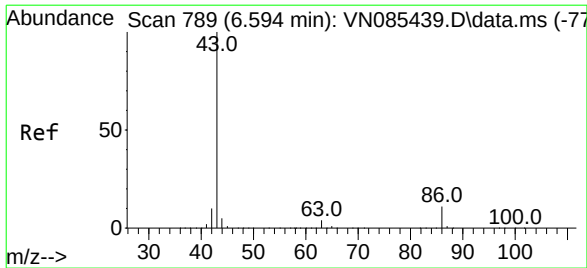
Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

| Tgt Ion: | 45    | Resp: | 150475 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 57.5  | 45.0  | 67.6   |
| 87       | 25.7  | 21.8  | 32.8   |
| 59       | 11.4  | 10.2  | 15.2   |





#23

Vinyl Acetate

Concen: 105.676 ug/l

RT: 6.600 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01

Tgt Ion: 43 Resp: 520716

Ion Ratio Lower Upper

43 100

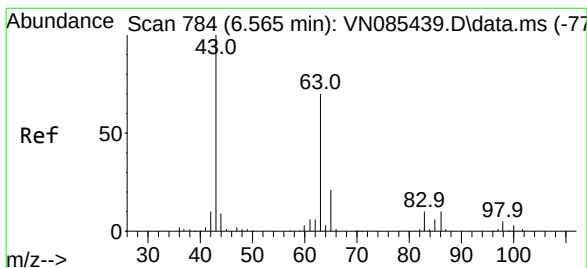
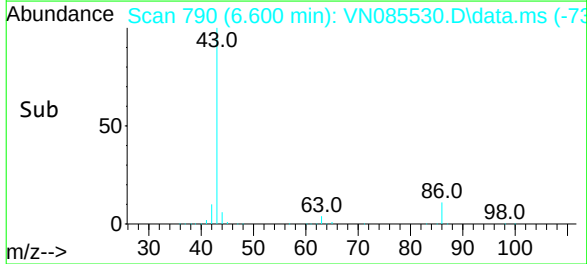
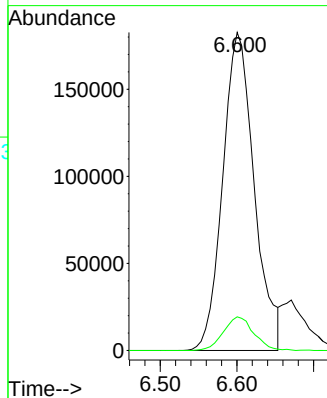
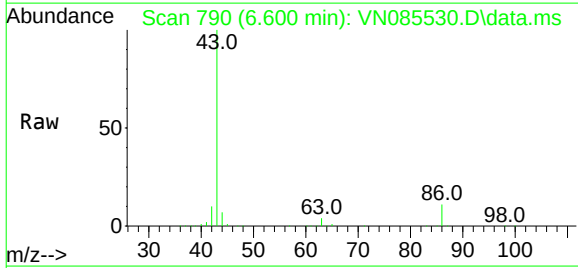
86 10.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#24

1,1-Dichloroethane

Concen: 20.448 ug/l

RT: 6.565 min Scan# 784

Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

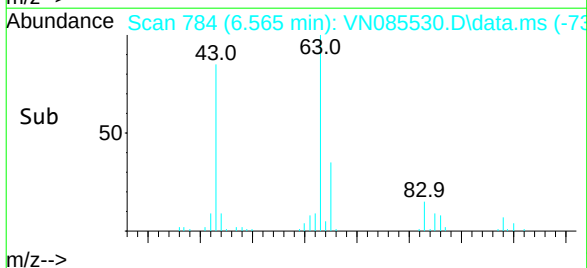
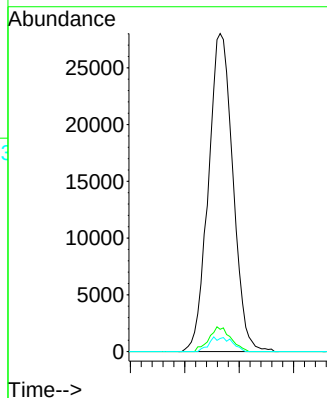
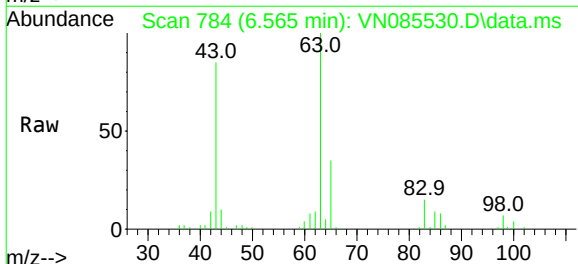
Tgt Ion: 63 Resp: 87788

Ion Ratio Lower Upper

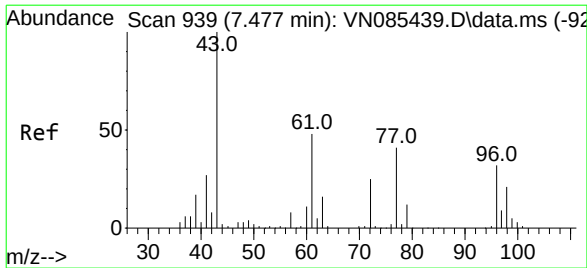
63 100

98 7.0 3.3 9.8

100 4.1 2.0 6.0







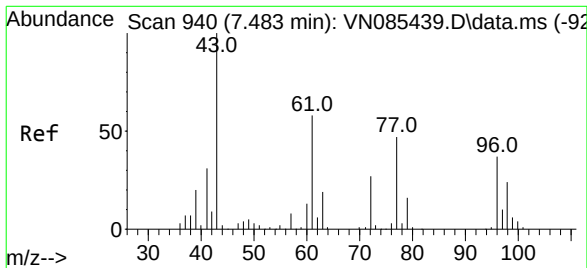
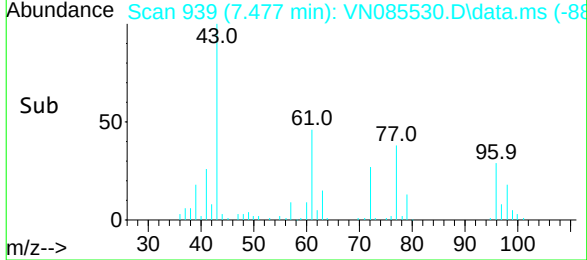
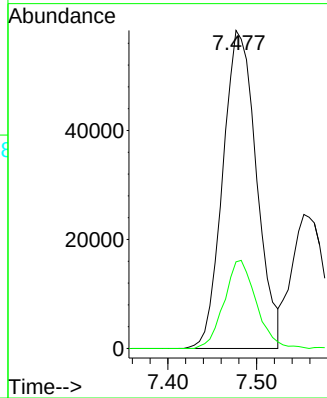
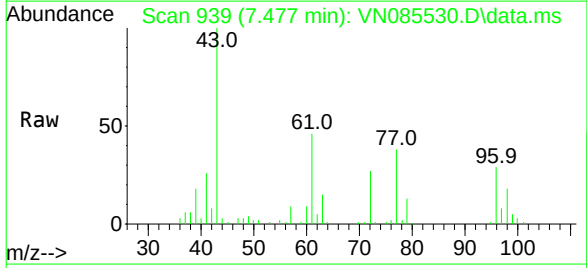
#25  
2-Butanone  
Concen: 110.320 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 43 Resp: 154236  
Ion Ratio Lower Upper  
43 100  
72 27.2 20.2 30.4

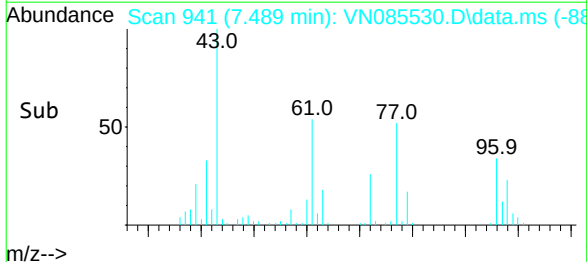
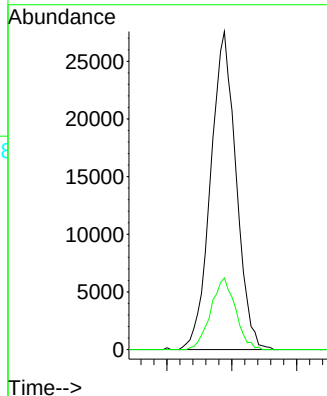
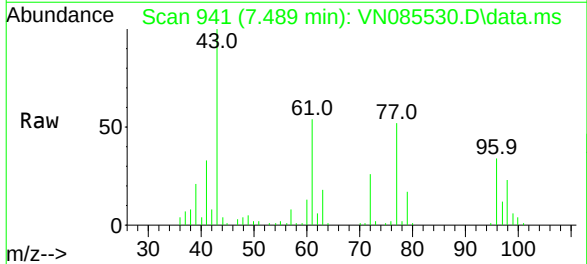
Manual Integrations  
APPROVED

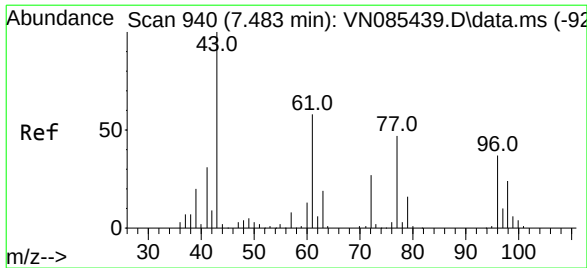
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#26  
2,2-Dichloropropane  
Concen: 21.682 ug/l  
RT: 7.489 min Scan# 941  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

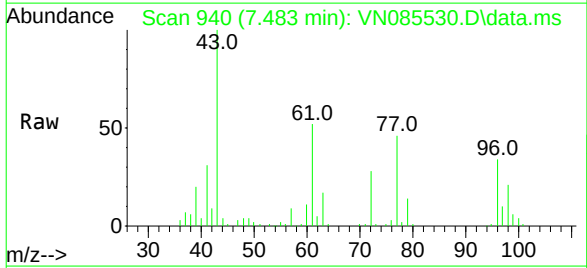
Tgt Ion: 77 Resp: 75260  
Ion Ratio Lower Upper  
77 100  
97 21.8 10.7 32.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 20.206 ug/l  
 RT: 7.483 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48

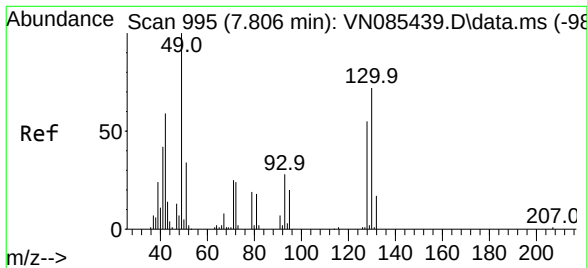
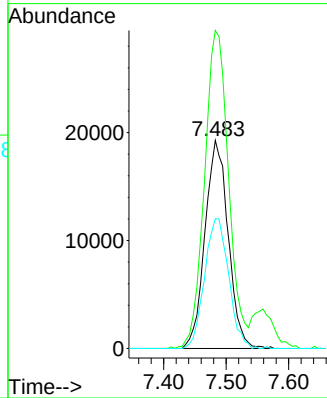
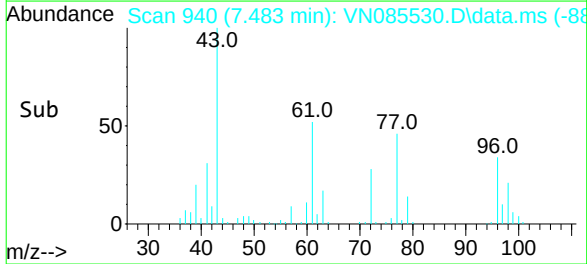
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0128WBSD01



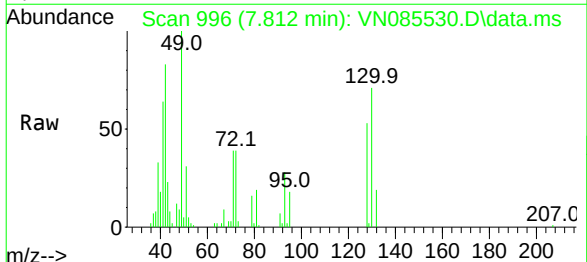
Tgt Ion: 96 Resp: 49722  
 Ion Ratio Lower Upper  
 96 100  
 61 158.8 0.0 311.8  
 98 64.8 0.0 126.0

Manual Integrations  
 APPROVED

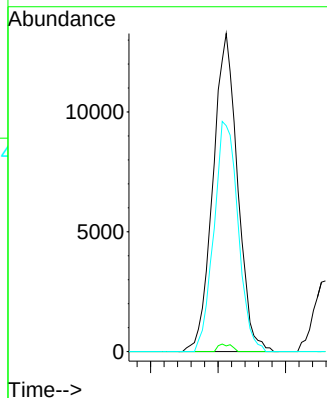
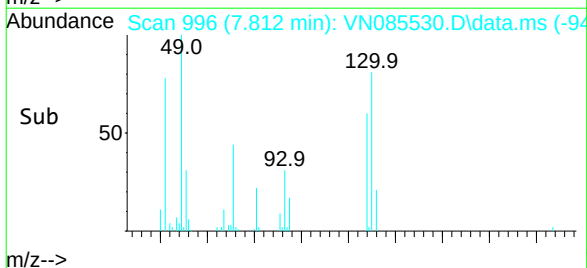
Reviewed By :John Carlone 01/29/2025  
 Supervised By :Semsettin Yesilyurt 01/29/2025

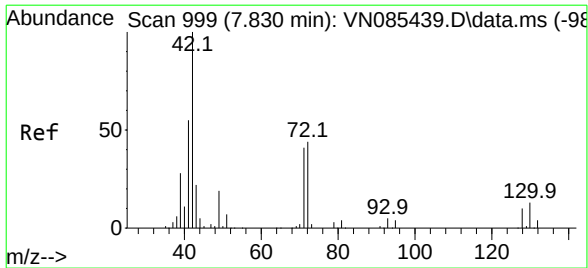


#28  
 Bromochloromethane  
 Concen: 16.842 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48



Tgt Ion: 49 Resp: 33640  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 4.4  
 130 71.1 55.0 82.4





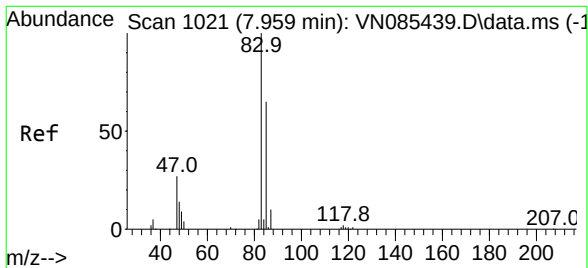
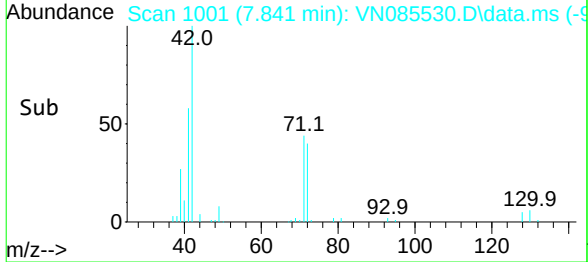
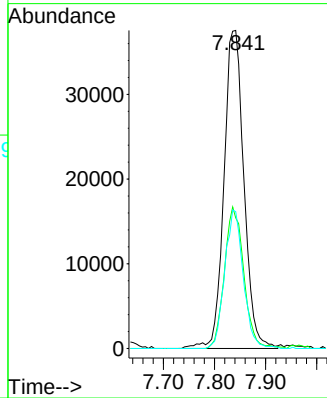
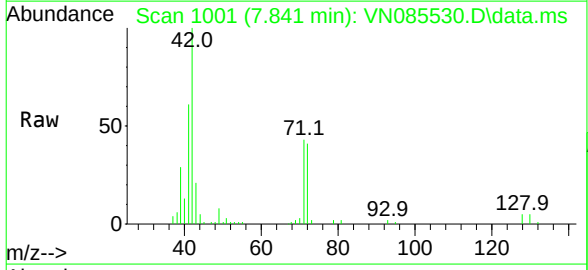
#29  
Tetrahydrofuran  
Concen: 114.937 ug/l  
RT: 7.841 min Scan# 1018  
Delta R.T. 0.012 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 42 Resp: 101879  
Ion Ratio Lower Upper  
42 100  
72 43.2 34.2 51.2  
71 40.7 32.5 48.7

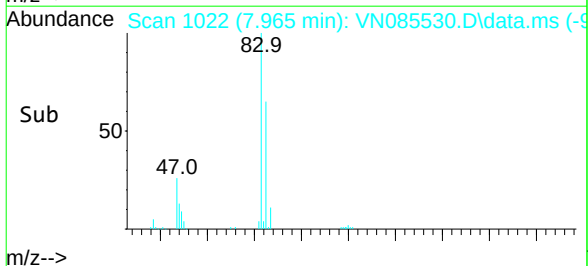
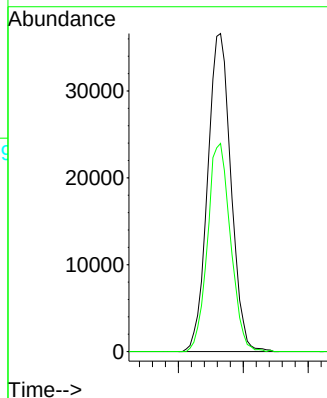
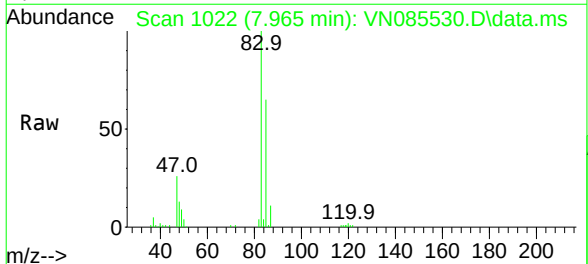
Manual Integrations  
APPROVED

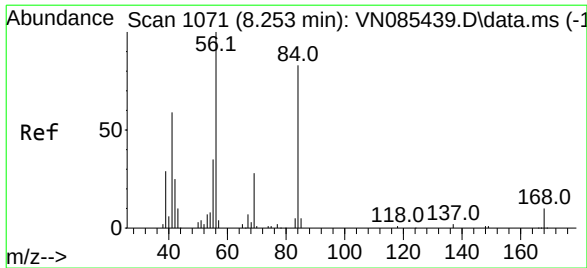
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#30  
Chloroform  
Concen: 20.593 ug/l  
RT: 7.965 min Scan# 1022  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 83 Resp: 91378  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.8 77.6





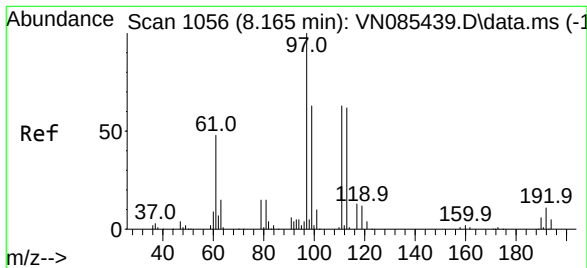
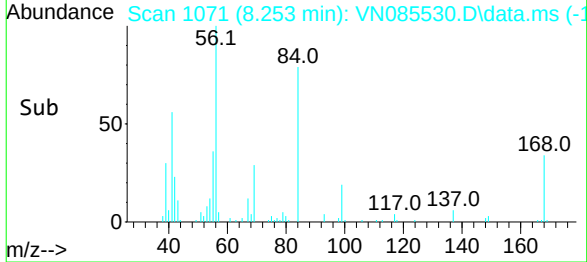
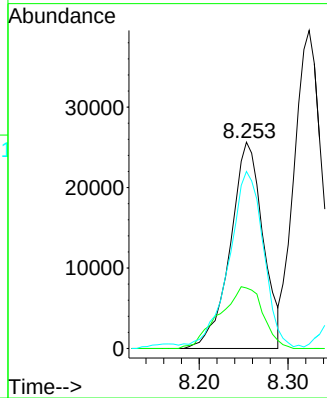
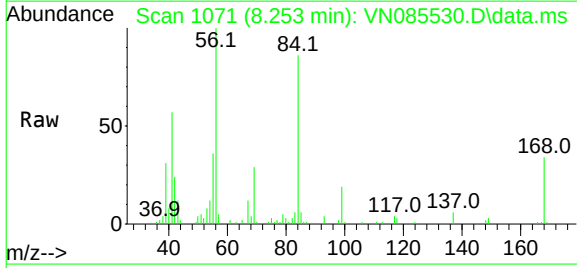
#31  
Cyclohexane  
Concen: 17.571 ug/l  
RT: 8.253 min Scan# 1071  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

| Tgt Ion:  | 56    | Resp: | 65567 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 29.3  | 22.2  | 33.4  |
| 84        | 84.2  | 66.4  | 99.6  |

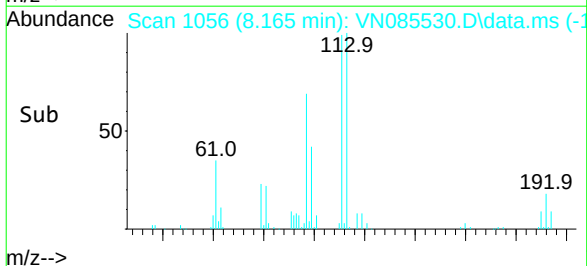
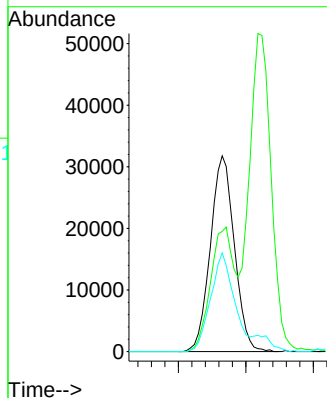
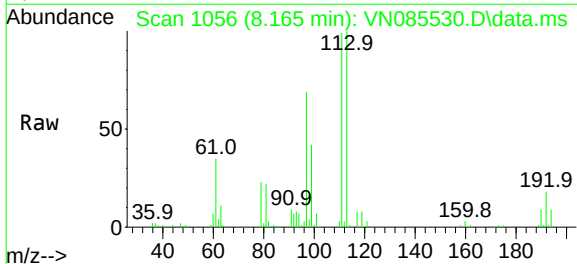
Manual Integrations  
APPROVED

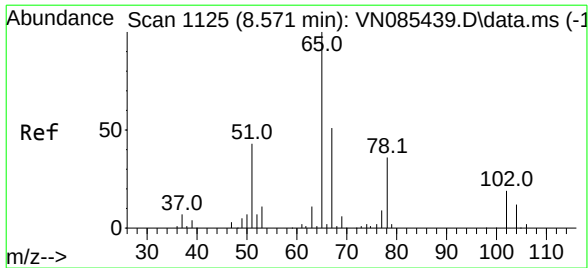
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#32  
1,1,1-Trichloroethane  
Concen: 20.134 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

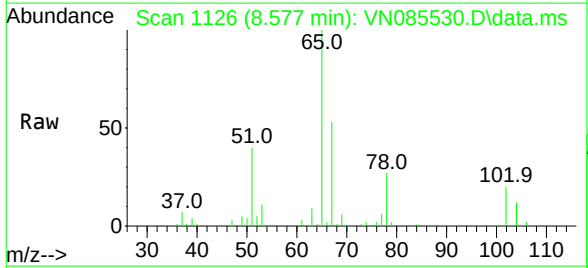
| Tgt Ion:  | 97    | Resp: | 78366 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 63.6  | 49.8  | 74.6  |
| 61        | 50.8  | 41.4  | 62.2  |





#33  
1,2-Dichloroethane-d4  
Concen: 50.279 ug/l  
RT: 8.577 min Scan# 1125  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

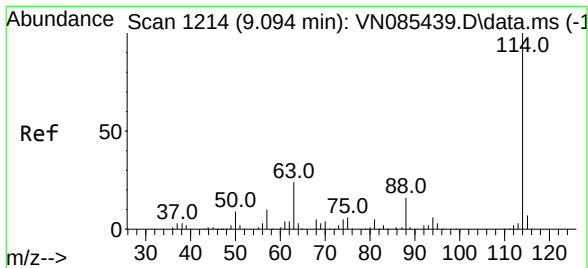
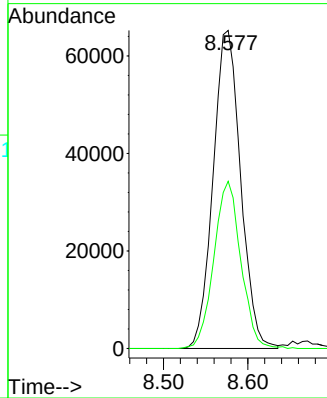
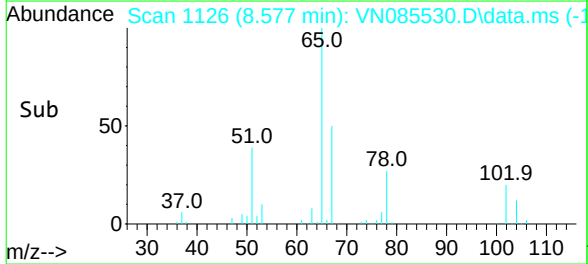
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



Tgt Ion: 65 Resp: 147838  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 101.6

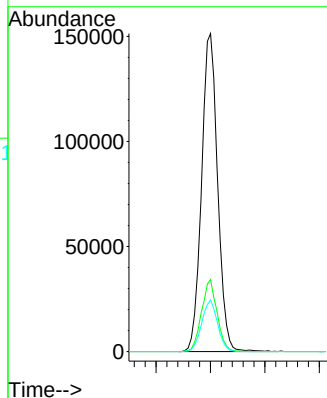
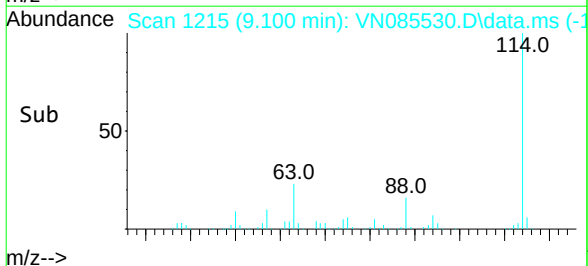
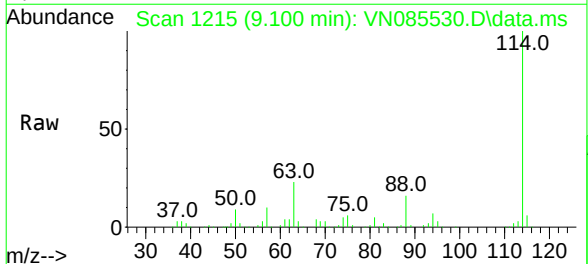
Manual Integrations  
APPROVED

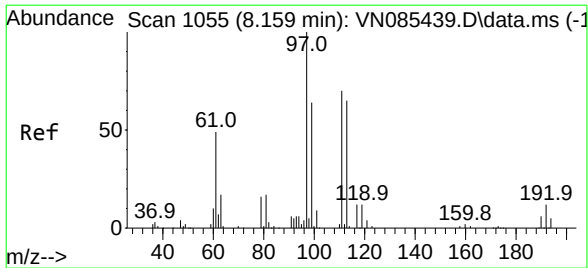
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 9.100 min Scan# 1215  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

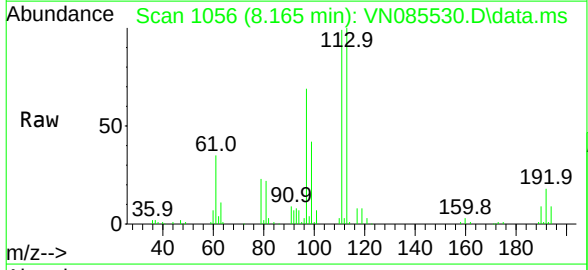
Tgt Ion:114 Resp: 309854  
Ion Ratio Lower Upper  
114 100  
63 22.7 0.0 47.6  
88 16.2 0.0 32.6





#35  
Dibromofluoromethane  
Concen: 50.222 ug/l  
RT: 8.165 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

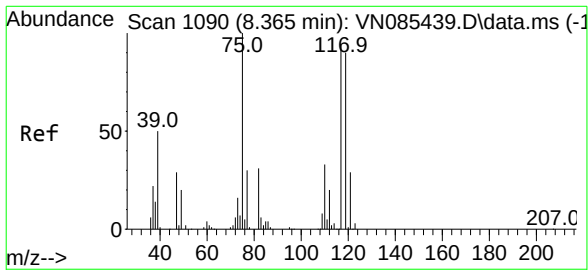
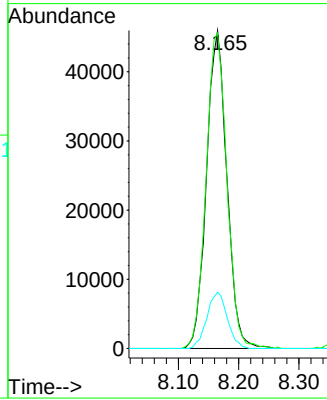
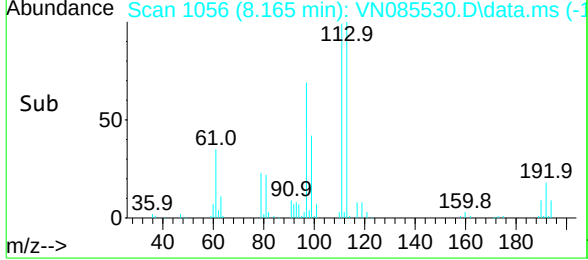
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



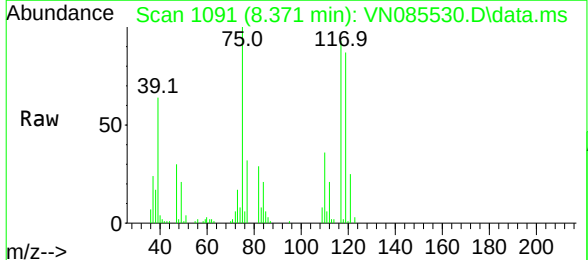
Tgt Ion: 113 Resp: 107958  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.7 124.1  
192 17.7 14.3 21.5

Manual Integrations  
APPROVED

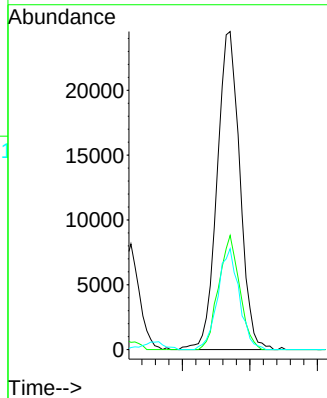
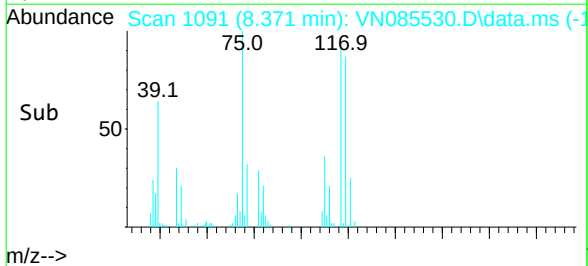
Reviewed By : John Carlone 01/29/2025  
Supervised By : Semsettin Yesilyurt 01/29/2025

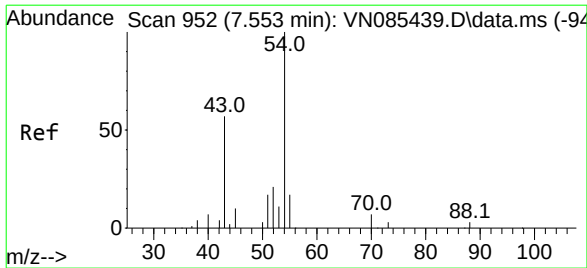


#36  
1,1-Dichloropropene  
Concen: 19.063 ug/l  
RT: 8.371 min Scan# 1091  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48



Tgt Ion: 75 Resp: 57513  
Ion Ratio Lower Upper  
75 100  
110 33.1 16.5 49.5  
77 29.9 24.4 36.6





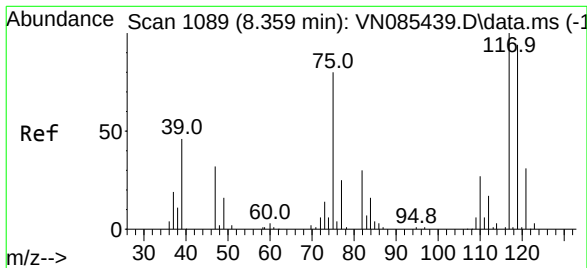
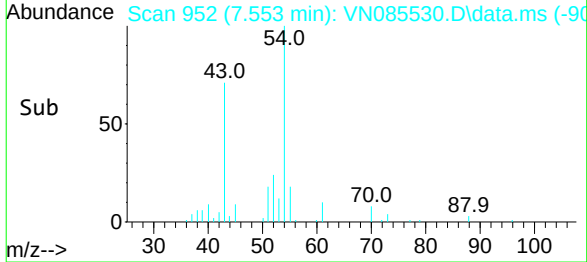
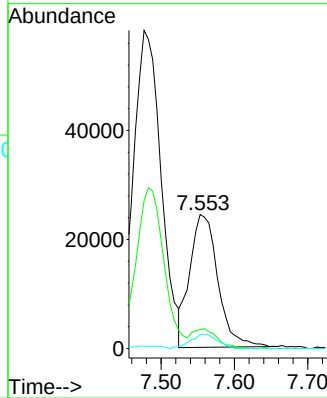
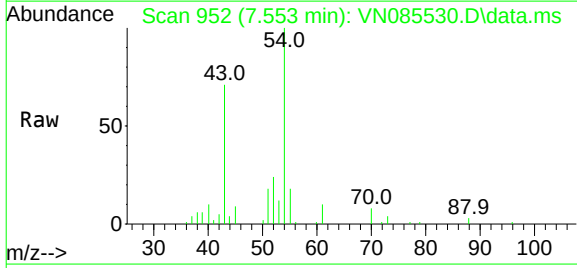
#37  
Ethyl Acetate  
Concen: 21.326 ug/l  
RT: 7.553 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 64941 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.2  | 10.9  | 16.3  |
| 70       | 10.2  | 7.5   | 11.3  |

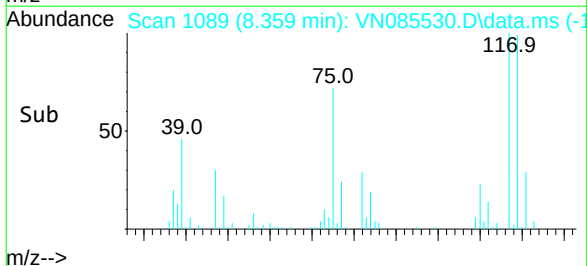
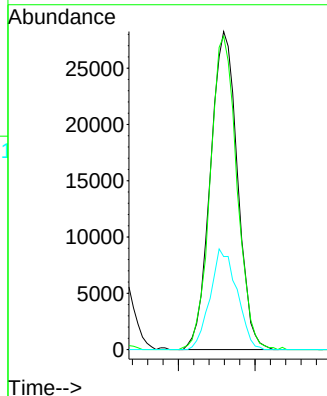
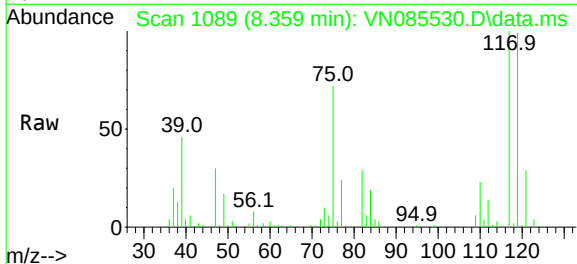
Manual Integrations  
APPROVED

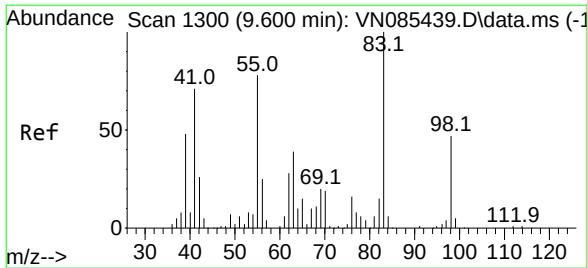
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#38  
Carbon Tetrachloride  
Concen: 20.038 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 69210 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.5  | 75.4  | 113.2 |
| 121      | 29.3  | 24.6  | 37.0  |





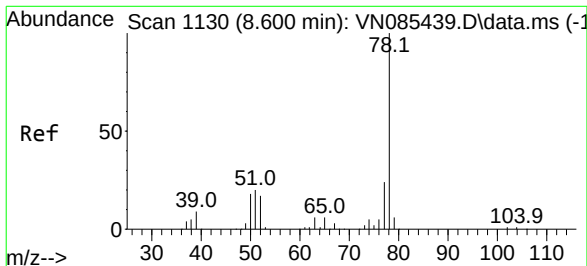
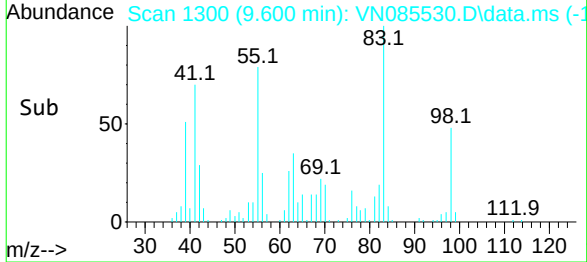
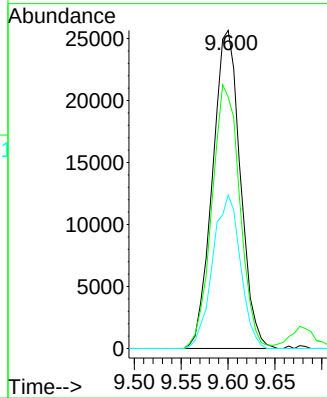
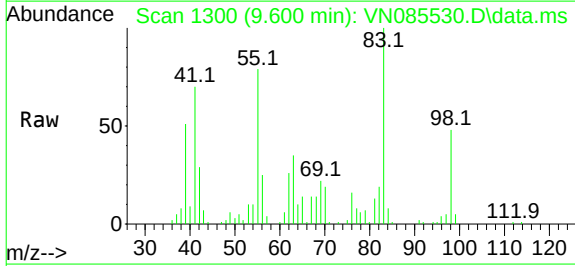
#39  
Methylcyclohexane  
Concen: 18.659 ug/l  
RT: 9.600 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 79.0  | 62.6  | 94.0  |
| 98      | 48.2  | 37.7  | 56.5  |

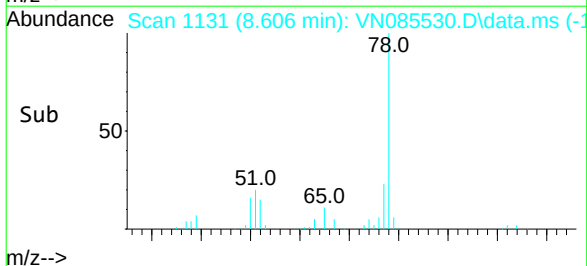
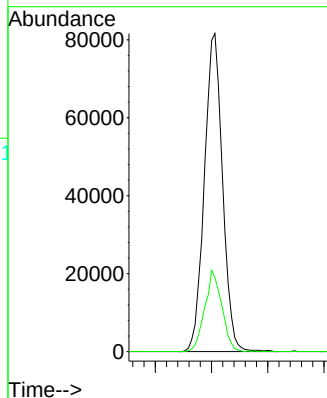
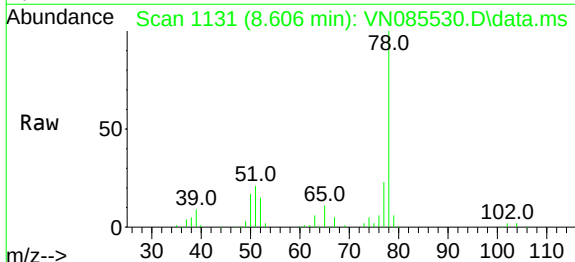
Manual Integrations  
**APPROVED**

Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025

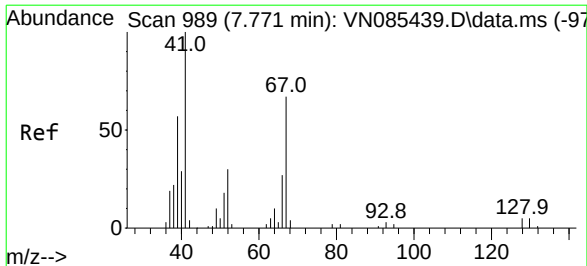


#40  
Benzene  
Concen: 20.225 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 19.0  | 28.6  |







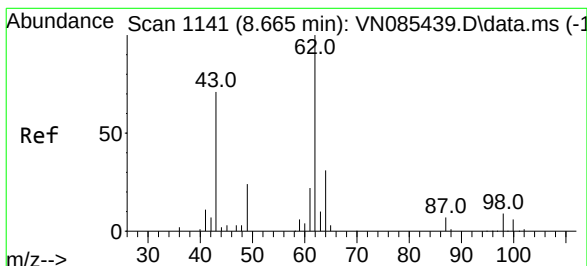
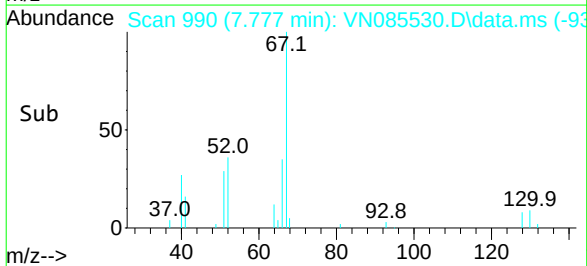
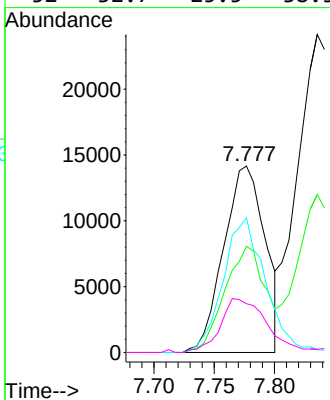
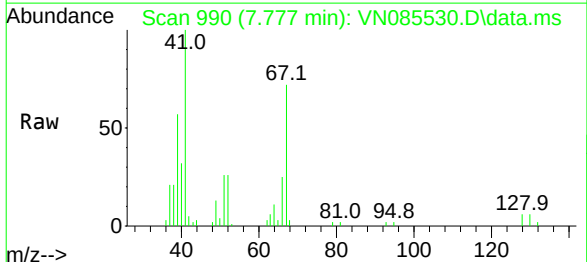
#41  
Methacrylonitrile  
Concen: 21.410 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 33920 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.6  | 46.0  | 69.0  |
| 67       | 73.8  | 57.4  | 86.2  |
| 52       | 32.7  | 25.5  | 38.3  |

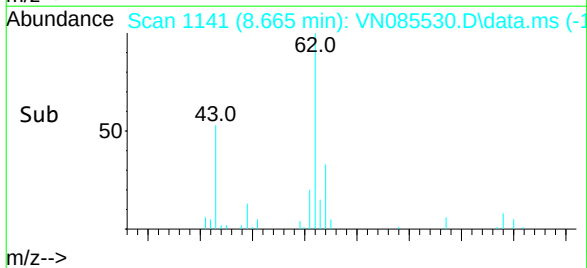
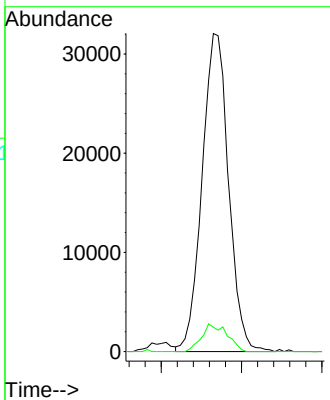
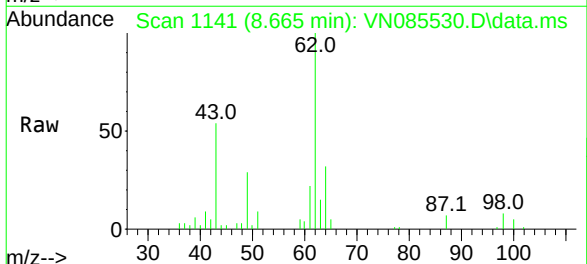
Manual Integrations  
APPROVED

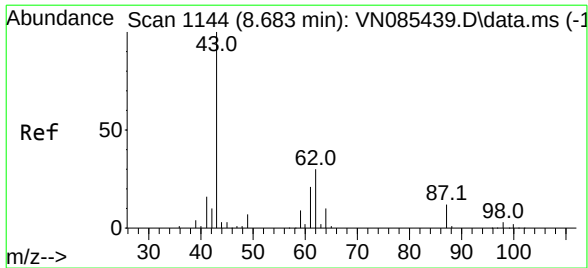
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#42  
1,2-Dichloroethane  
Concen: 21.514 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 73450 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.4   | 0.0   | 17.0  |





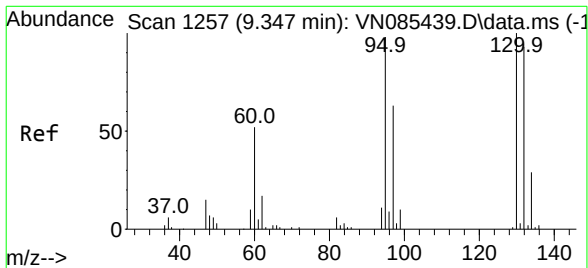
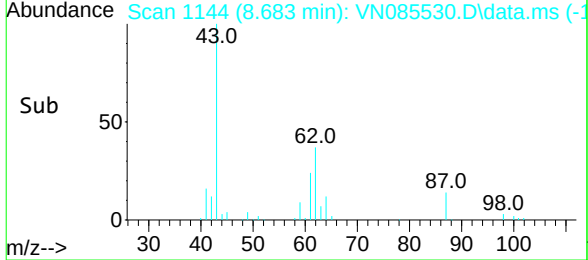
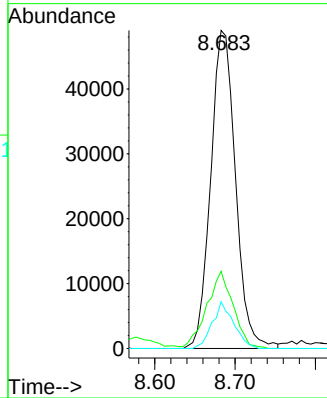
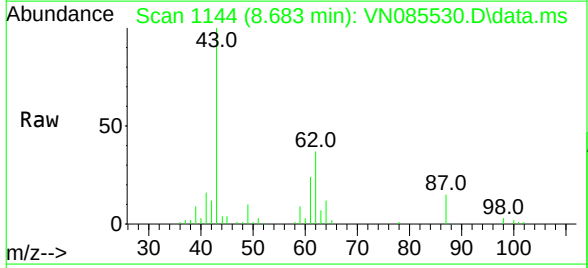
#43  
Isopropyl Acetate  
Concen: 21.565 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 43 Resp: 105226  
Ion Ratio Lower Upper  
43 100  
61 26.0 20.7 31.1  
87 12.7 9.8 14.8

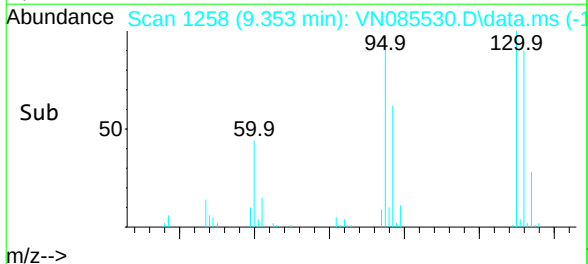
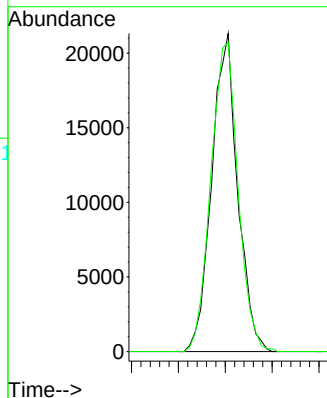
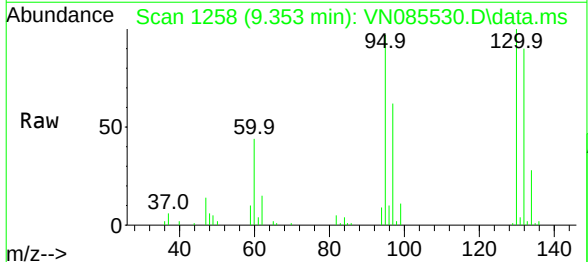
Manual Integrations  
APPROVED

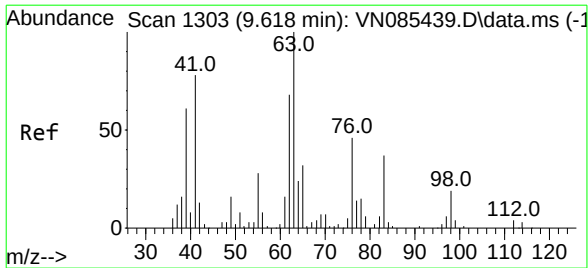
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#44  
Trichloroethene  
Concen: 19.386 ug/l  
RT: 9.353 min Scan# 1258  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:130 Resp: 40907  
Ion Ratio Lower Upper  
130 100  
95 97.3 0.0 195.8





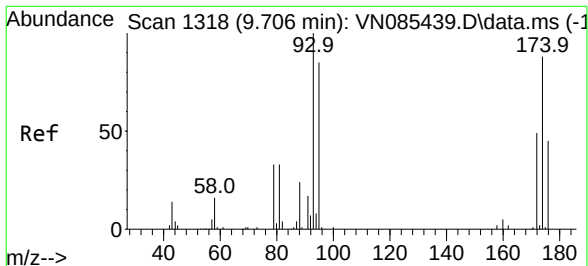
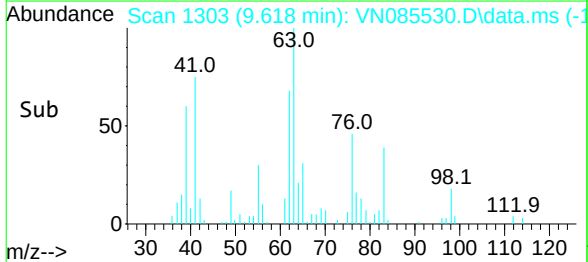
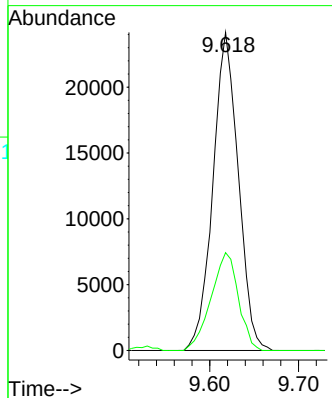
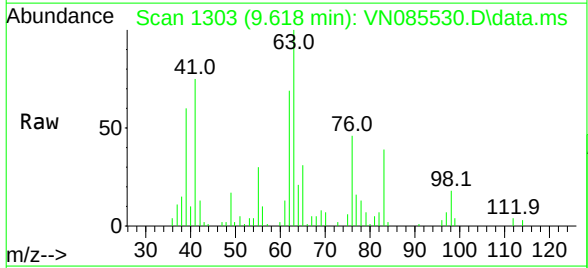
#45  
1,2-Dichloropropane  
Concen: 20.703 ug/l  
RT: 9.618 min Scan# 1303  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 63 Resp: 47937  
Ion Ratio Lower Upper  
63 100  
65 30.8 25.6 38.4

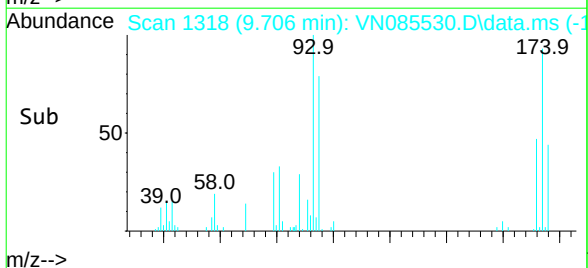
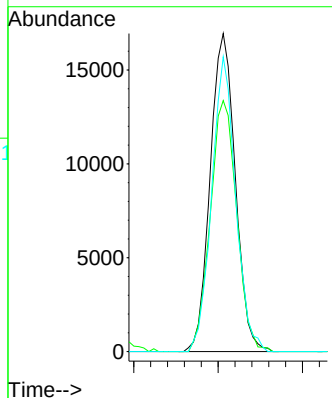
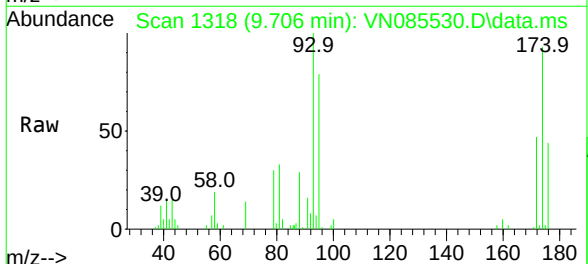
Manual Integrations  
APPROVED

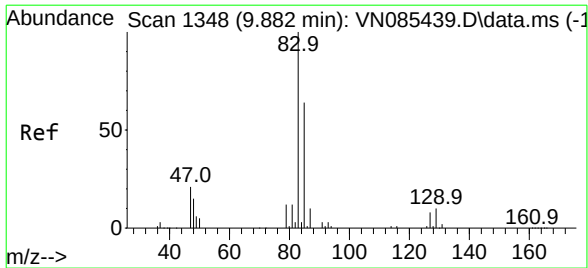
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#46  
Dibromomethane  
Concen: 20.981 ug/l  
RT: 9.706 min Scan# 1318  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 93 Resp: 35054  
Ion Ratio Lower Upper  
93 100  
95 82.8 64.7 97.1  
174 88.1 69.0 103.4





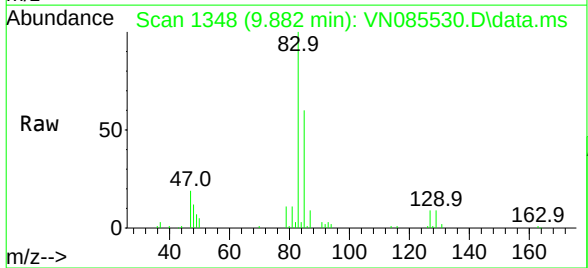
#47  
 Bromodichloromethane  
 Concen: 21.738 ug/l  
 RT: 9.882 min Scan# 1348  
 Delta R.T. 0.000 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

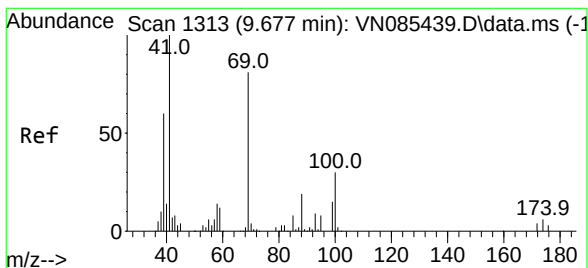
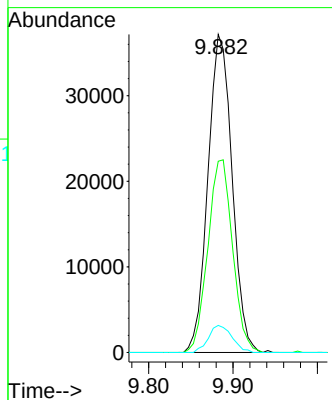
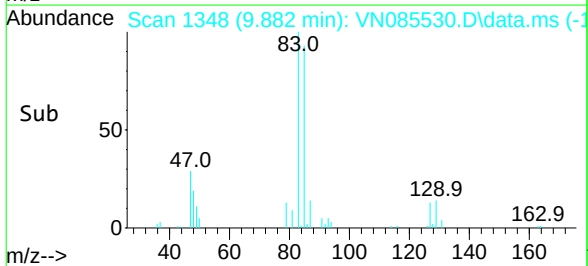
VN0128WBSD01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 73992 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.1  | 51.2  | 76.8  |
| 127      | 8.5   | 6.5   | 9.7   |

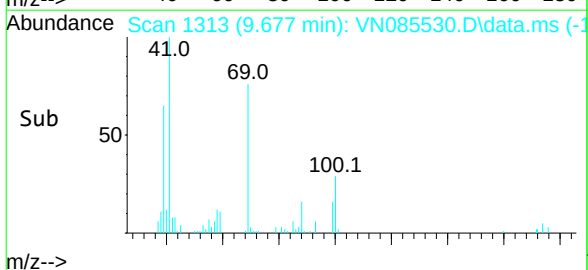
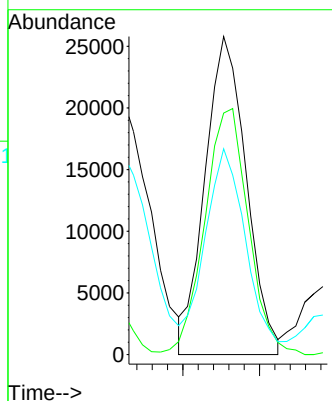
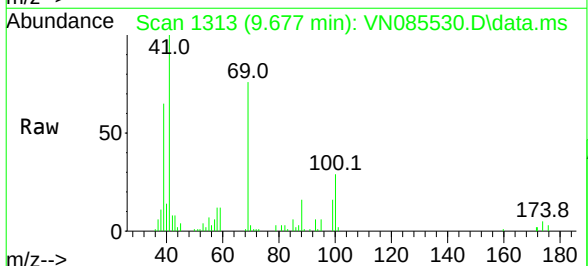
Manual Integrations  
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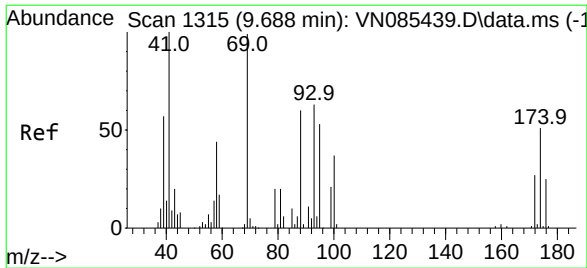
Reviewed By :John Carlone 01/29/2025  
 Supervised By :Semsettin Yesilyurt 01/29/2025



#48  
 Methyl methacrylate  
 Concen: 21.918 ug/l  
 RT: 9.677 min Scan# 1313  
 Delta R.T. -0.000 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48

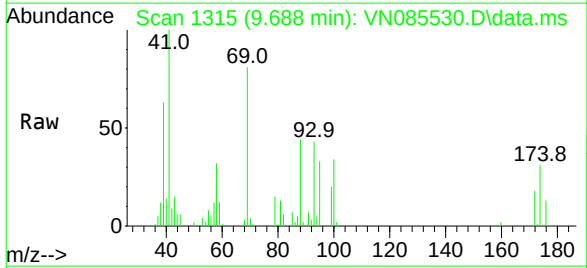
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 48128 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.9  | 64.7  | 97.1  |
| 39       | 65.4  | 49.0  | 73.6  |





#49  
1,4-Dioxane  
Concen: 466.467 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

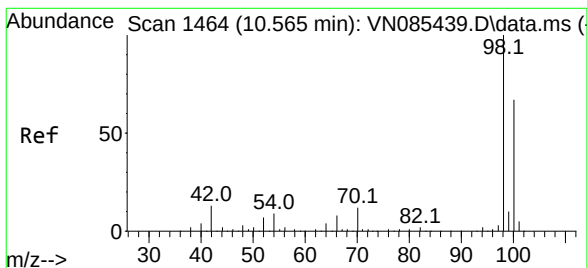
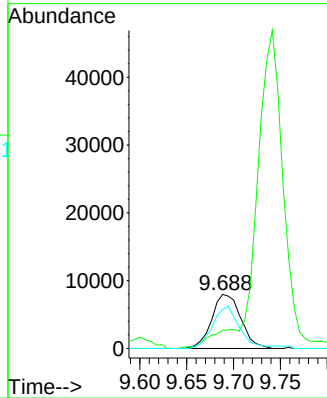
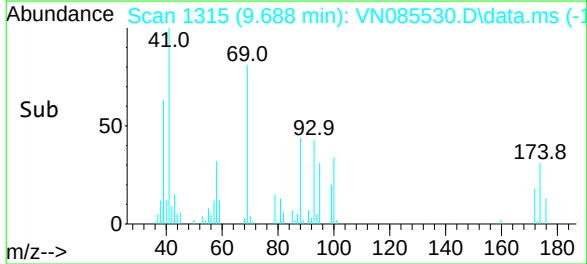
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



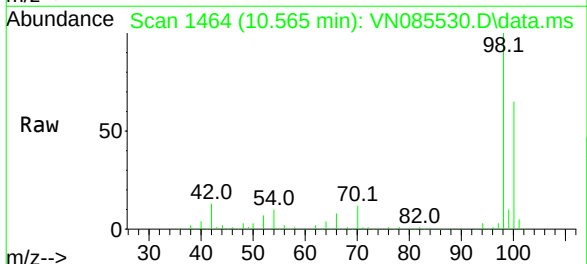
Tgt Ion: 88 Resp: 17249  
Ion Ratio Lower Upper  
88 100  
43 0.0 26.6 39.8#  
58 72.4 59.5 89.3

Manual Integrations  
APPROVED

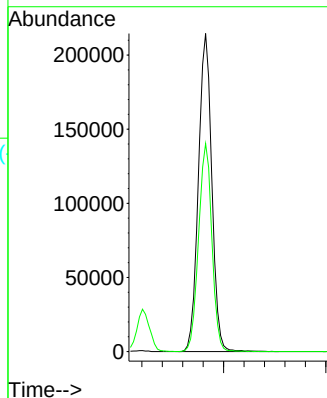
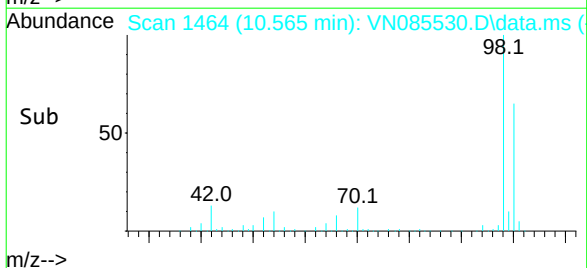
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025

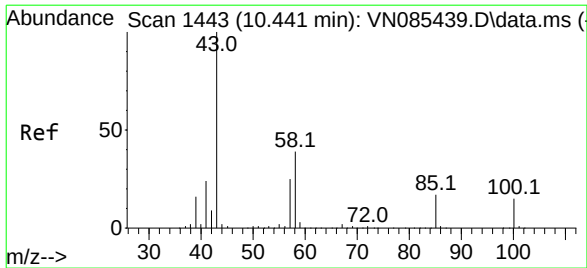


#50  
Toluene-d8  
Concen: 51.076 ug/l  
RT: 10.565 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48



Tgt Ion: 98 Resp: 390099  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.2 78.4





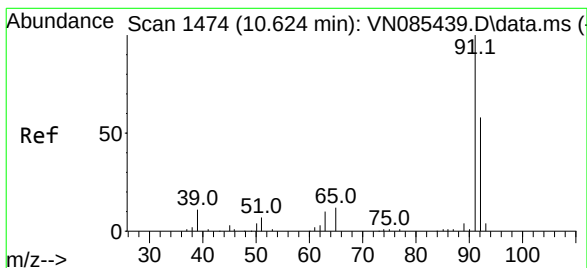
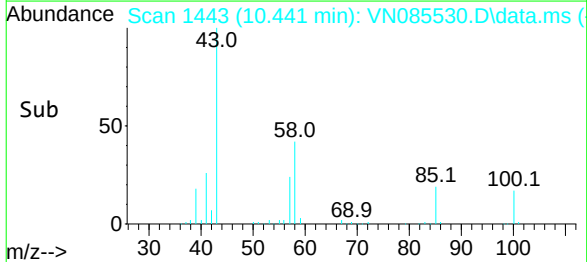
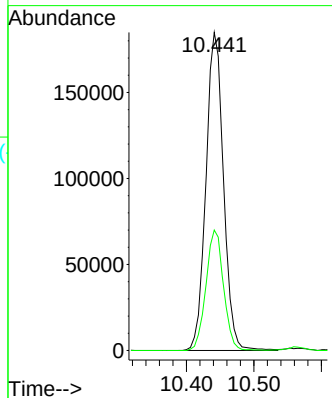
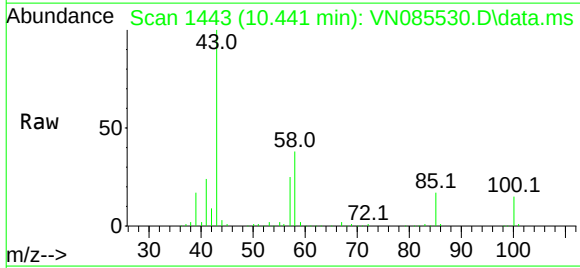
#51  
4-Methyl-2-Pentanone  
Concen: 118.016 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 43 Resp: 334158  
Ion Ratio Lower Upper  
43 100  
58 37.9 30.5 45.7

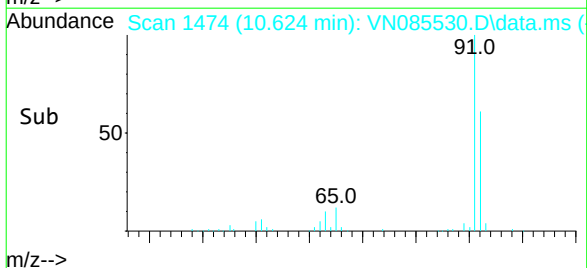
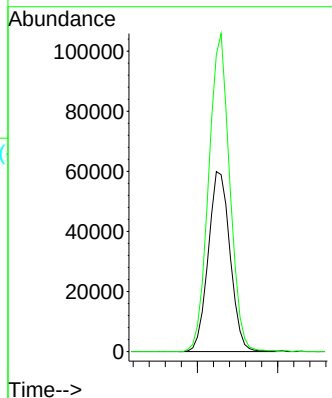
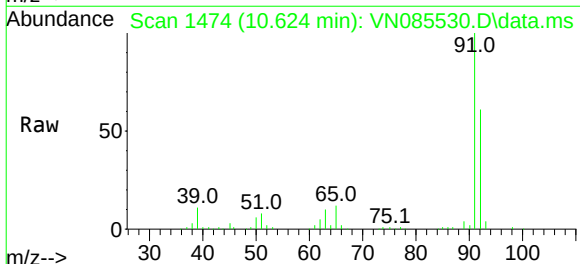
Manual Integrations  
APPROVED

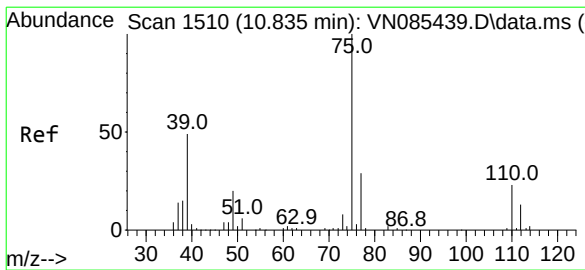
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#52  
Toluene  
Concen: 21.523 ug/l  
RT: 10.624 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

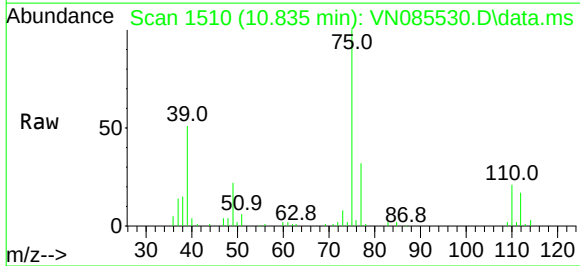
Tgt Ion: 92 Resp: 113049  
Ion Ratio Lower Upper  
92 100  
91 170.5 139.2 208.8





#53  
 t-1,3-Dichloropropene  
 Concen: 21.468 ug/l  
 RT: 10.835 min Scan# 1510  
 Delta R.T. 0.000 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48

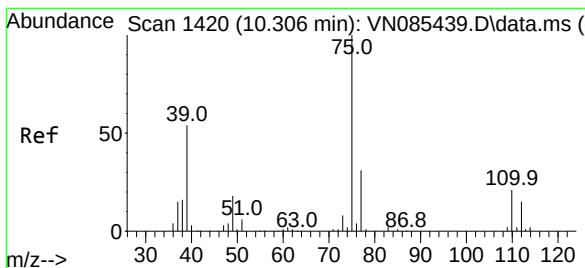
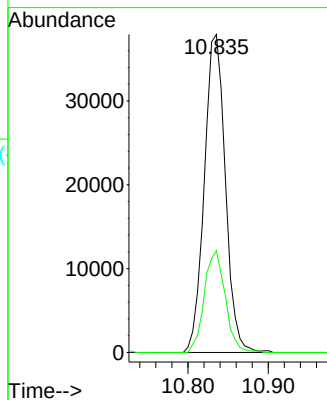
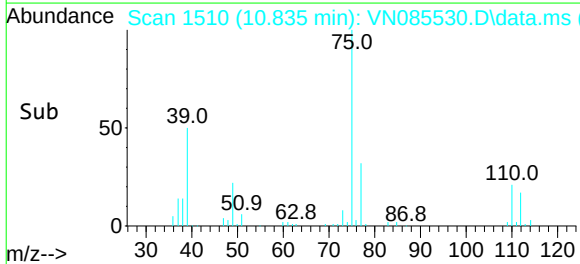
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0128WBSD01



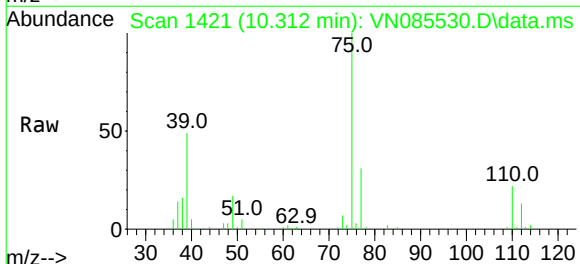
Tgt Ion: 75 Resp: 69056  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 23.5 35.3

Manual Integrations  
 APPROVED

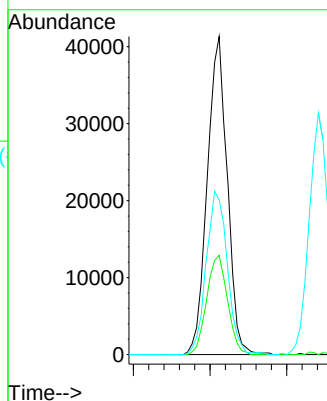
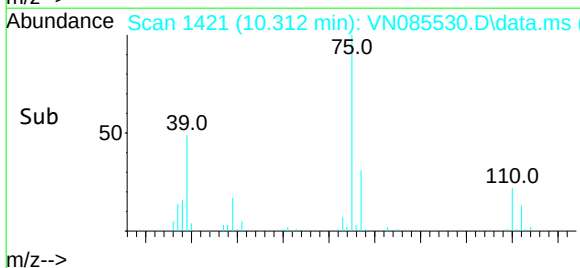
Reviewed By :John Carlone 01/29/2025  
 Supervised By :Semsettin Yesilyurt 01/29/2025

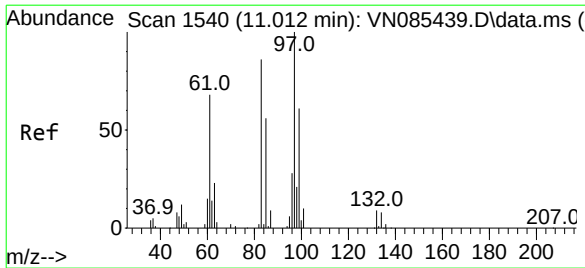


#54  
 cis-1,3-Dichloropropene  
 Concen: 21.821 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. 0.006 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48



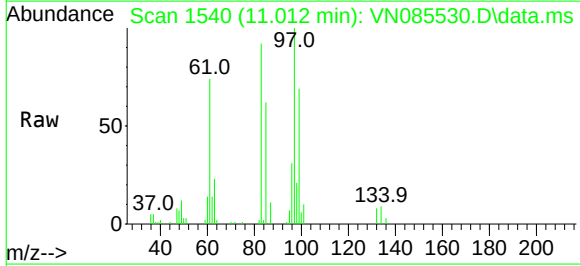
Tgt Ion: 75 Resp: 74974  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.0 37.4  
 39 48.6 43.1 64.7





#55  
1,1,2-Trichloroethane  
Concen: 21.547 ug/l  
RT: 11.012 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

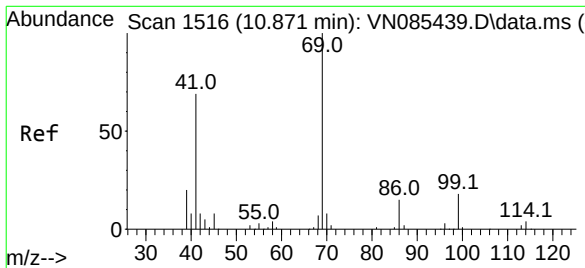
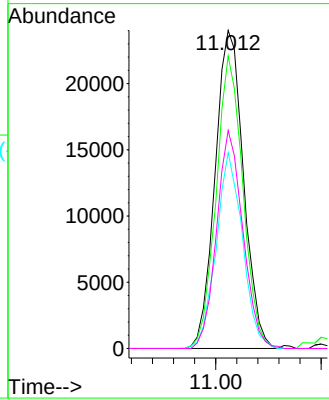
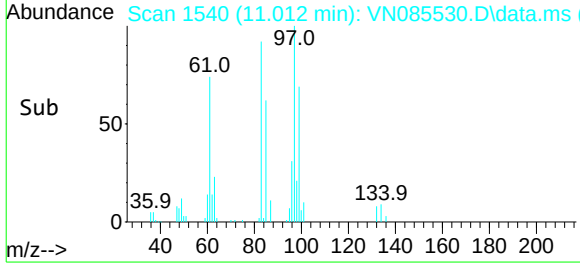
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



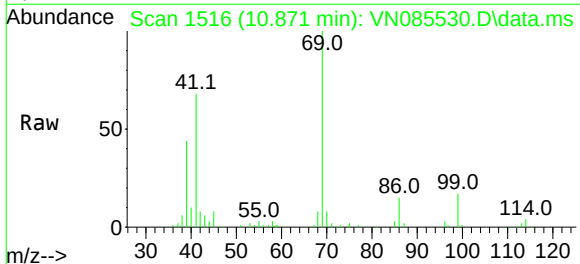
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 92.0  | 69.0  | 103.6 |
| 85      | 61.6  | 44.6  | 66.8  |
| 99      | 68.5  | 48.6  | 72.8  |

Manual Integrations  
APPROVED

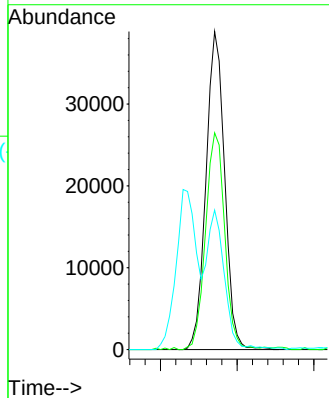
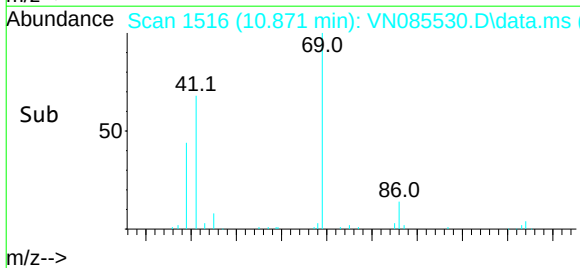
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



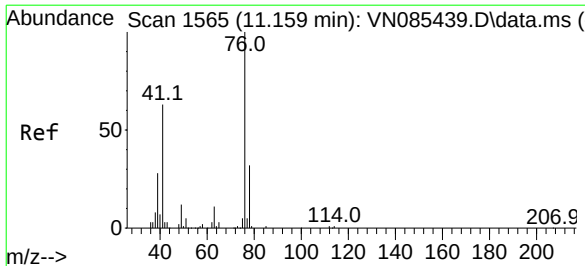
#56  
Ethyl methacrylate  
Concen: 19.962 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 70.1  | 54.6  | 82.0  |
| 39      | 41.9  | 32.4  | 48.6  |

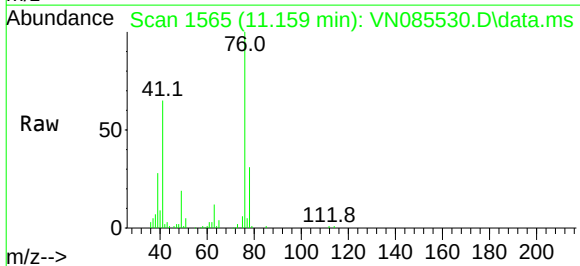






#57  
1,3-Dichloropropane  
Concen: 21.850 ug/l  
RT: 11.159 min Scan# 1565  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

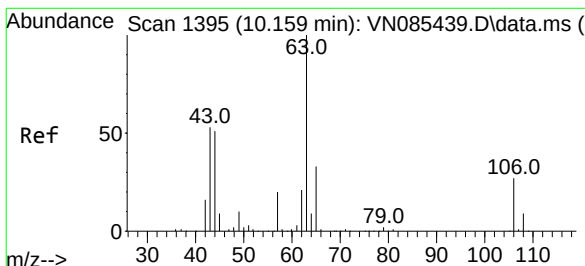
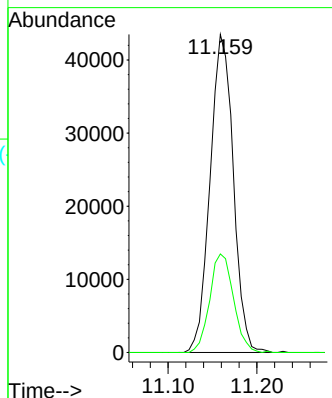
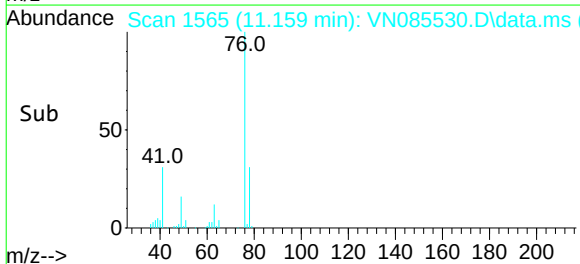
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



Tgt Ion: 76 Resp: 78972  
Ion Ratio Lower Upper  
76 100  
78 31.8 25.6 38.4

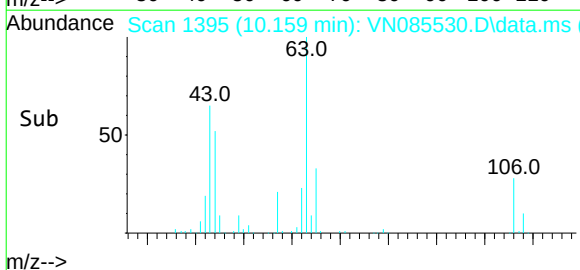
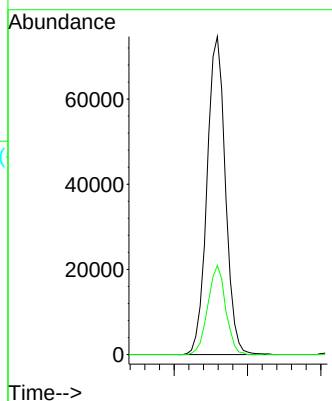
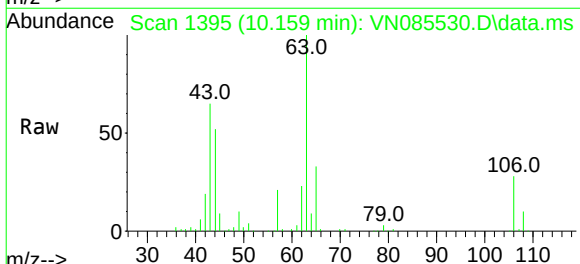
Manual Integrations  
APPROVED

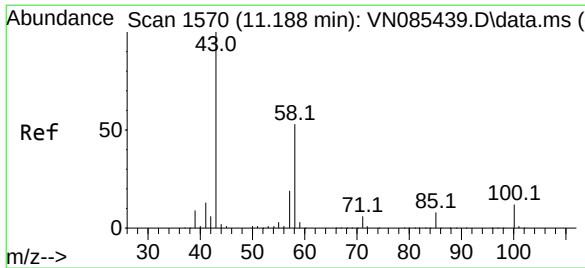
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#58  
2-Chloroethyl Vinyl ether  
Concen: 98.550 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 63 Resp: 129996  
Ion Ratio Lower Upper  
63 100  
106 27.2 21.6 32.4





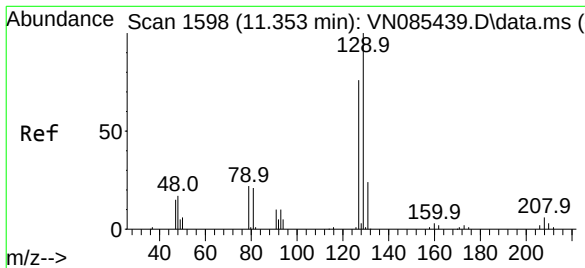
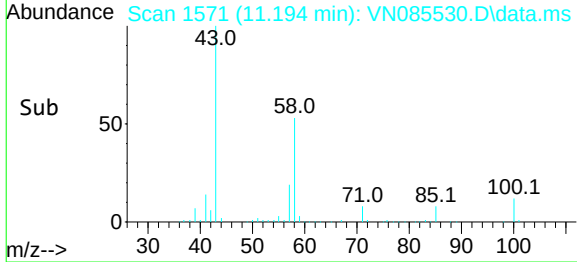
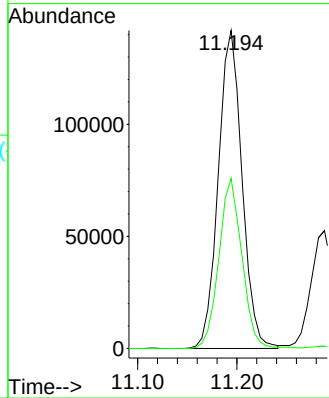
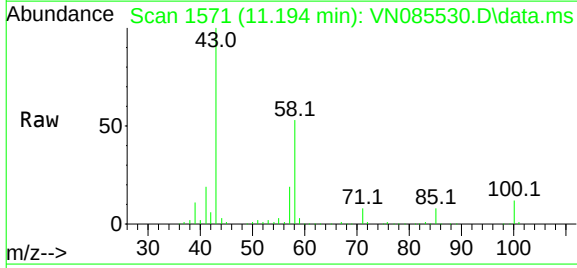
#59  
2-Hexanone  
Concen: 118.347 ug/l  
RT: 11.194 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 43 Resp: 235784  
Ion Ratio Lower Upper  
43 100  
58 52.0 26.2 78.6

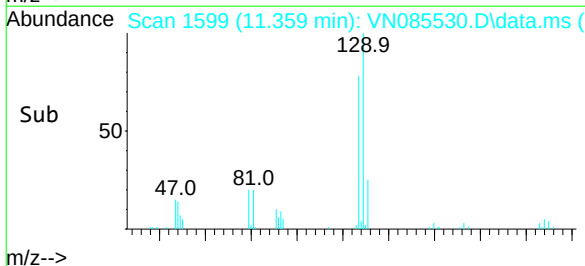
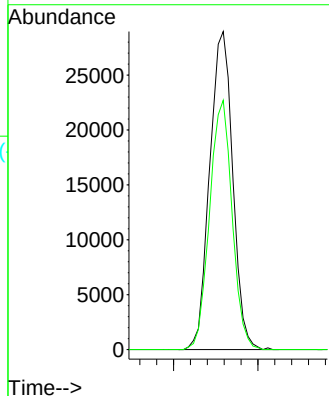
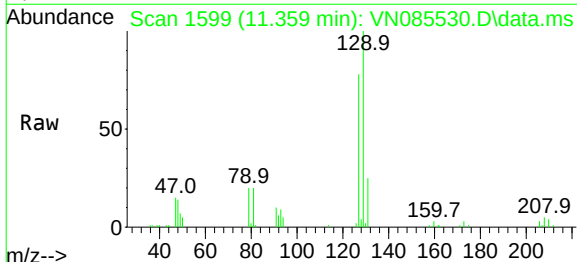
Manual Integrations  
APPROVED

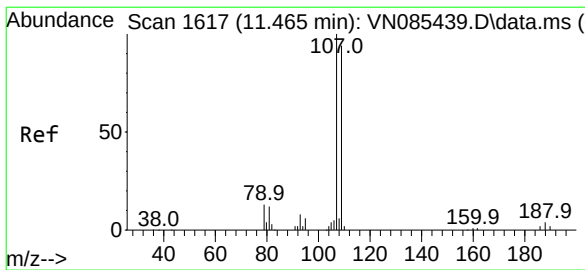
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#60  
Dibromochloromethane  
Concen: 21.899 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:129 Resp: 54955  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.6 115.8





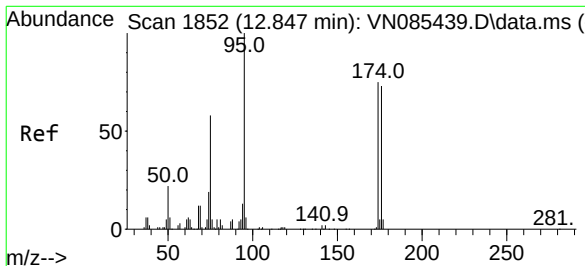
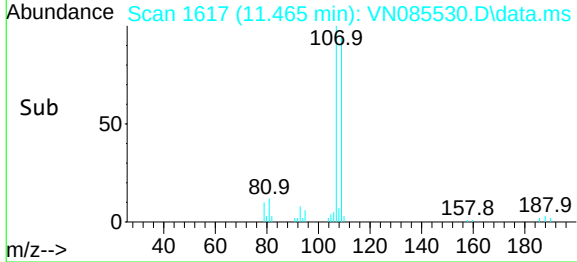
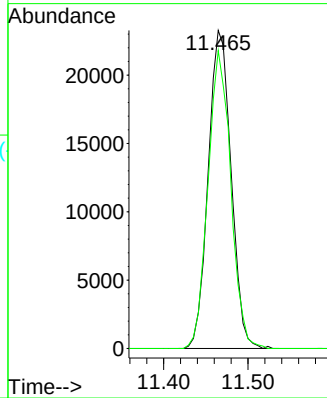
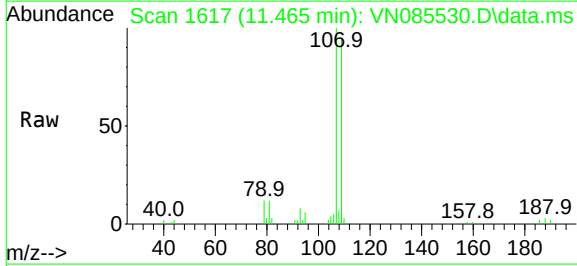
#61  
1,2-Dibromoethane  
Concen: 21.189 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 107 Resp: 43841  
Ion Ratio Lower Upper  
107 100  
109 93.3 75.9 113.9

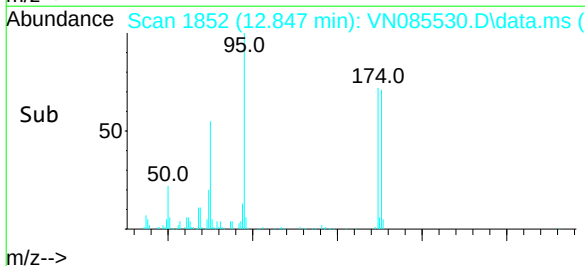
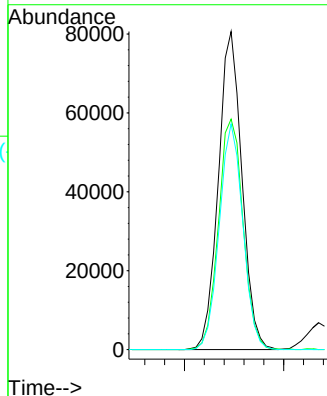
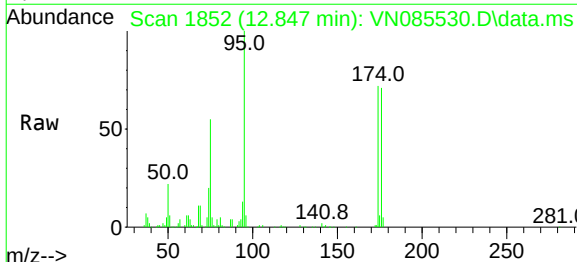
Manual Integrations  
APPROVED

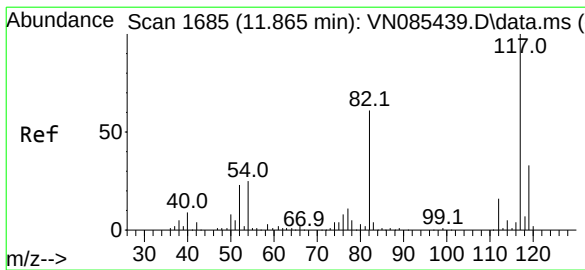
Reviewed By : John Carlone 01/29/2025  
Supervised By : Semsettin Yesilyurt 01/29/2025



#62  
4-Bromofluorobenzene  
Concen: 50.978 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 95 Resp: 133187  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 145.0  
176 70.9 0.0 142.4





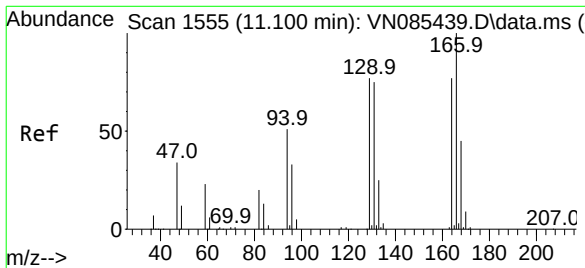
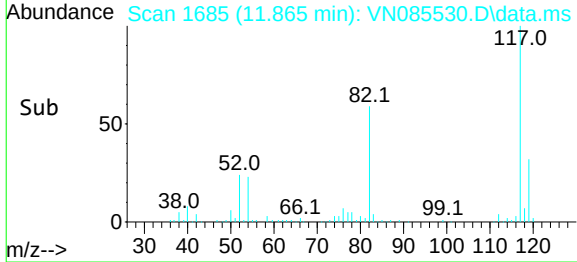
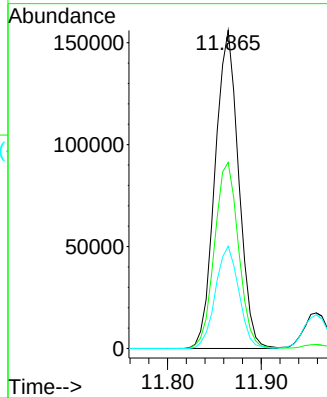
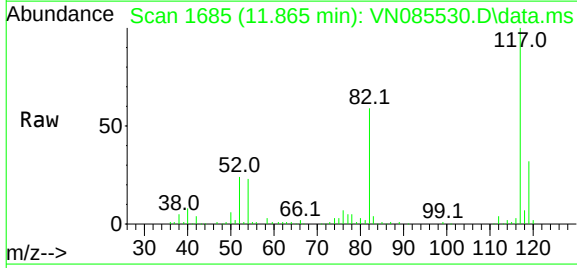
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 273221 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 58.5  | 48.6  | 72.8   |
| 119      | 32.2  | 26.6  | 39.8   |

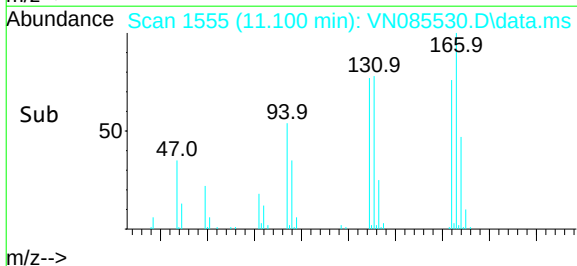
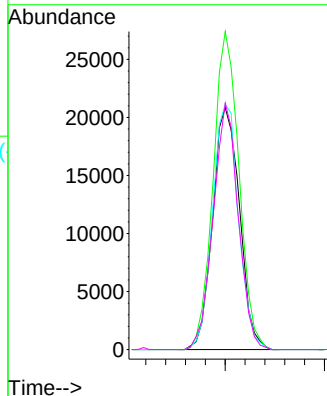
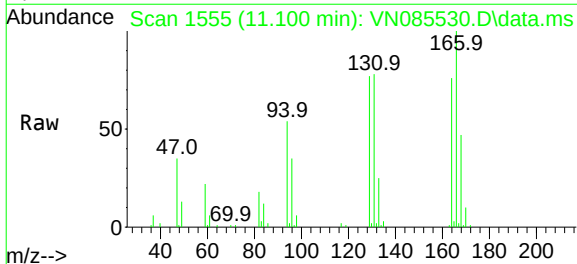
Manual Integrations  
APPROVED

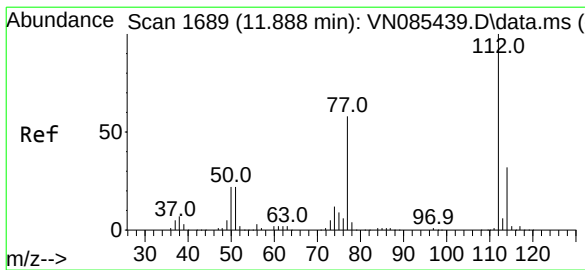
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#64  
Tetrachloroethene  
Concen: 20.962 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 39045 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 166      | 131.5 | 103.4 | 155.2 |
| 129      | 101.5 | 79.2  | 118.8 |
| 131      | 101.9 | 77.1  | 115.7 |





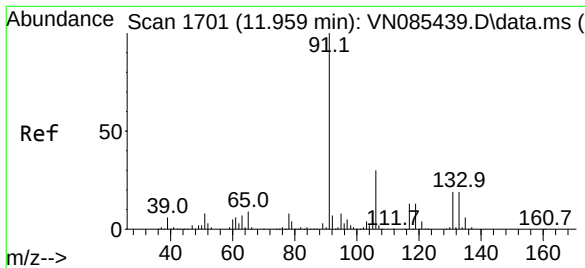
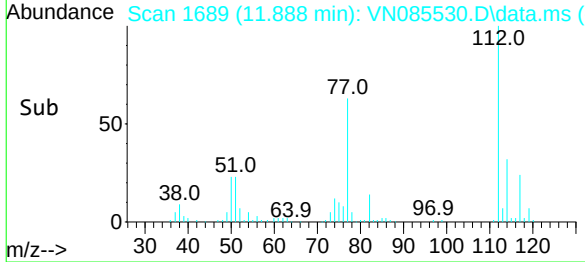
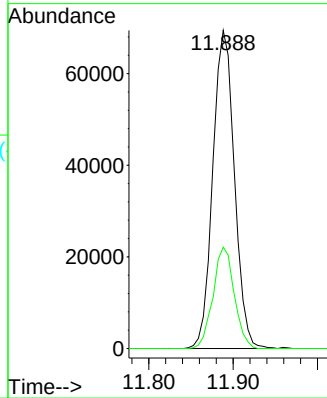
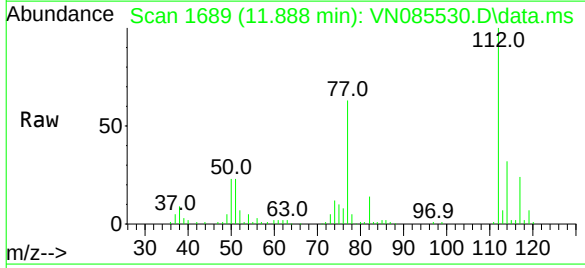
#65  
Chlorobenzene  
Concen: 20.625 ug/l  
RT: 11.888 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion:112 Resp: 123448  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.3 37.9

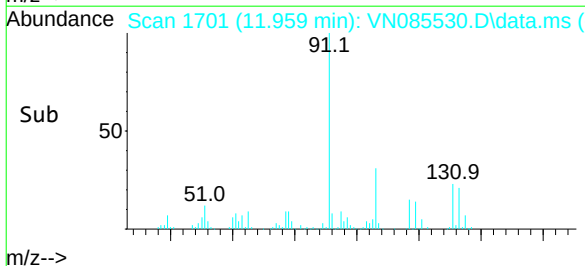
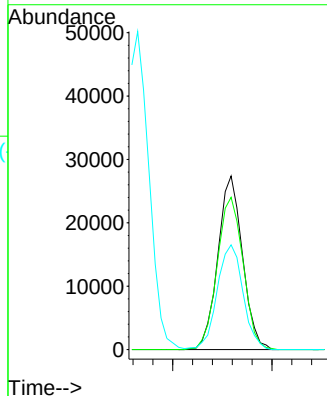
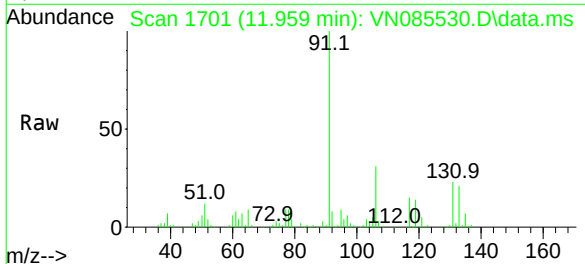
Manual Integrations  
APPROVED

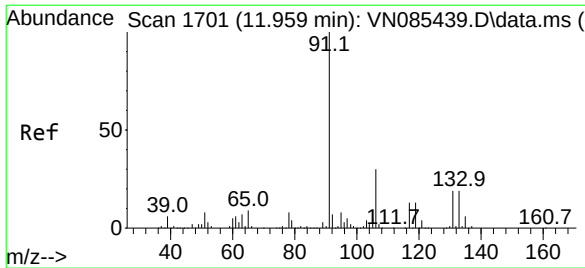
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.449 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:131 Resp: 47119  
Ion Ratio Lower Upper  
131 100  
133 92.4 47.4 142.3  
119 63.4 33.1 99.5





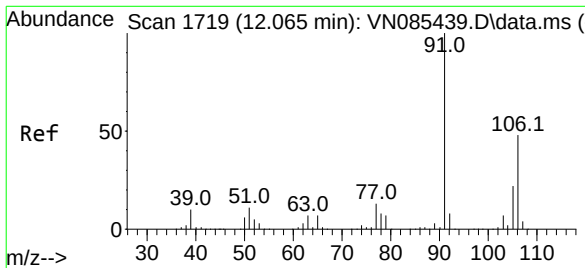
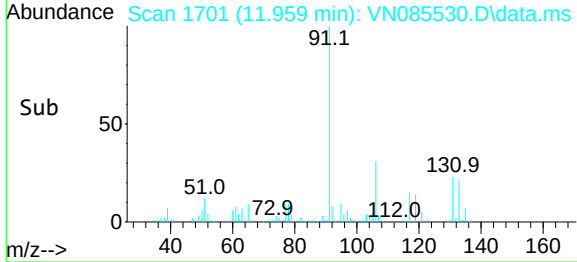
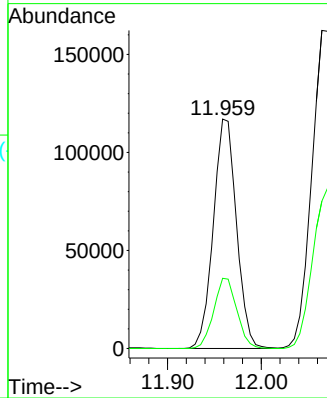
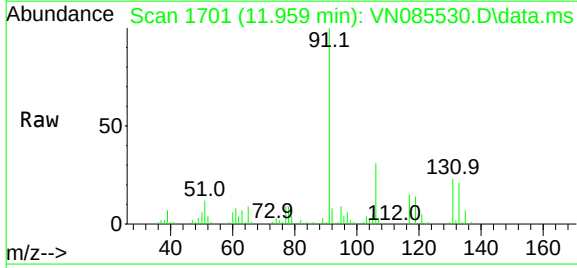
#67  
Ethyl Benzene  
Concen: 20.614 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 91 Resp: 200961  
Ion Ratio Lower Upper  
91 100  
106 30.6 23.8 35.8

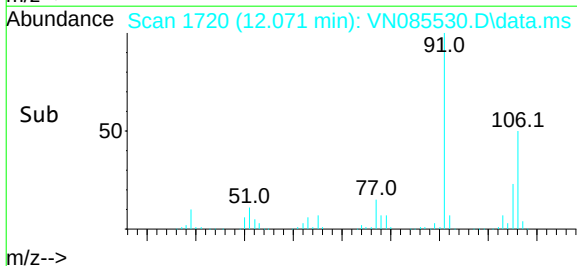
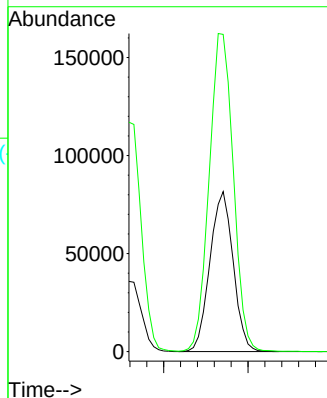
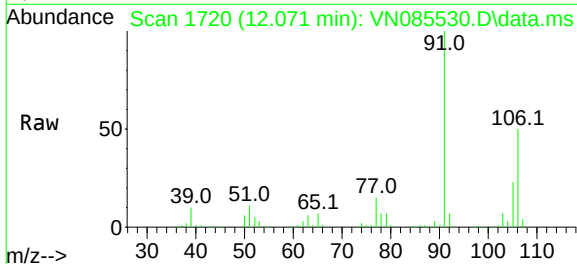
Manual Integrations  
APPROVED

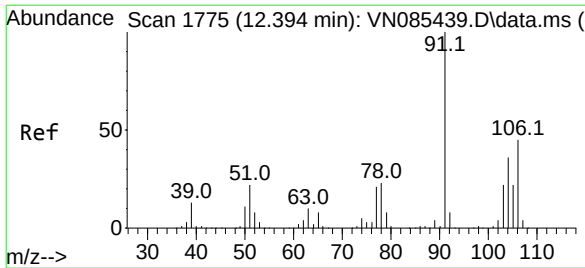
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#68  
m/p-Xylenes  
Concen: 43.421 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:106 Resp: 156444  
Ion Ratio Lower Upper  
106 100  
91 206.6 167.7 251.5





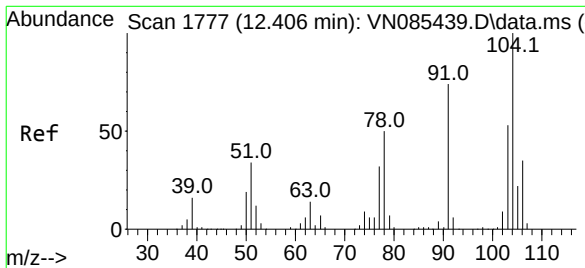
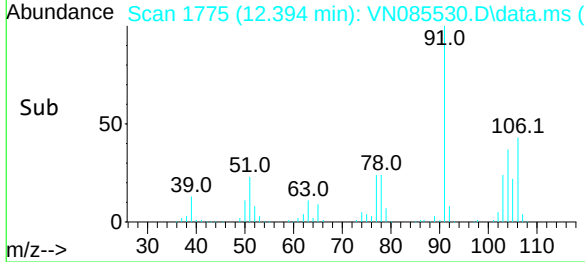
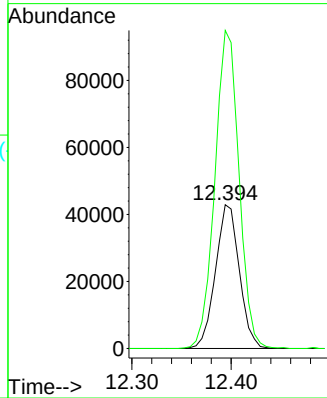
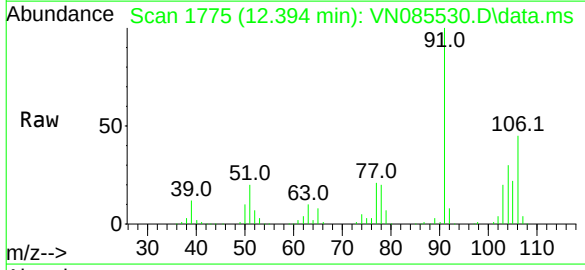
#69  
o-Xylene  
Concen: 20.785 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion:106 Resp: 71566  
Ion Ratio Lower Upper  
106 100  
91 224.0 110.4 331.2

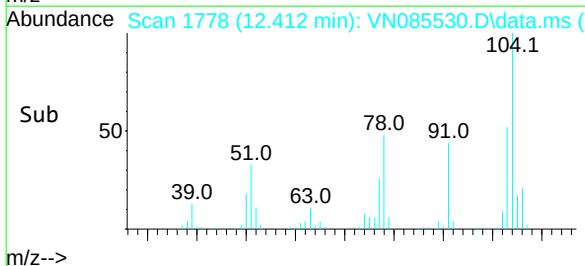
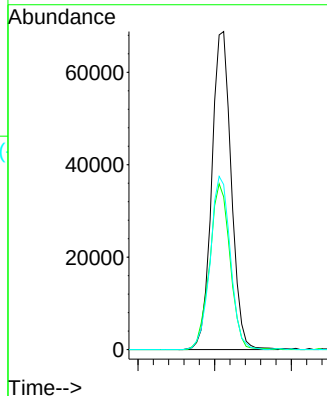
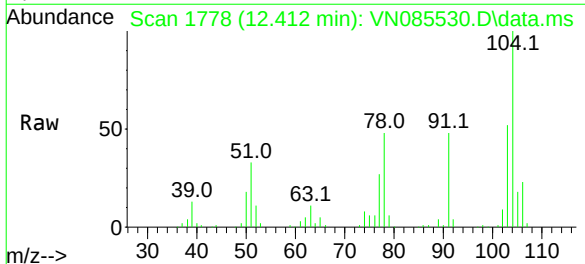
Manual Integrations  
APPROVED

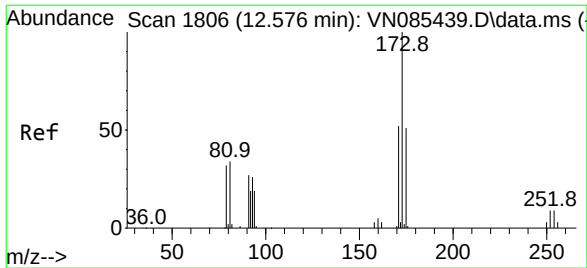
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#70  
Styrene  
Concen: 21.347 ug/l  
RT: 12.412 min Scan# 1778  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:104 Resp: 121646  
Ion Ratio Lower Upper  
104 100  
78 54.5 42.5 63.7  
103 56.3 43.8 65.8





#71

Bromoform

Concen: 22.498 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01

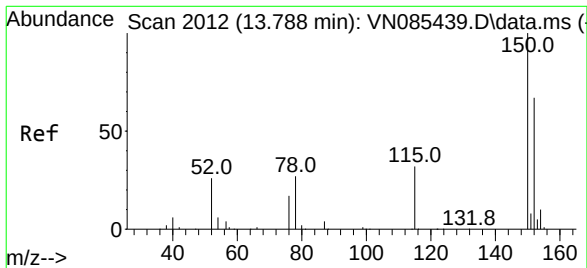
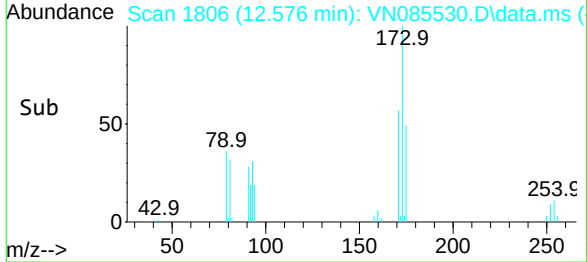
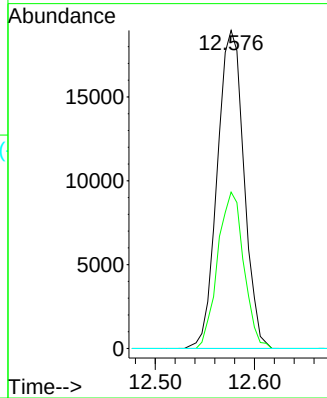
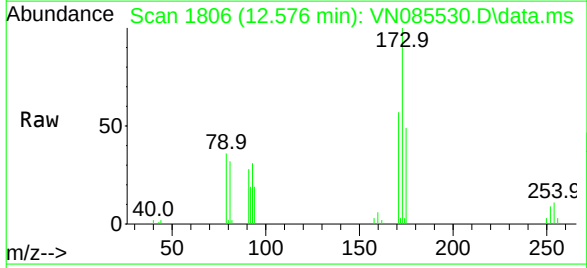
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 35363 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.3  | 24.4  | 73.2  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

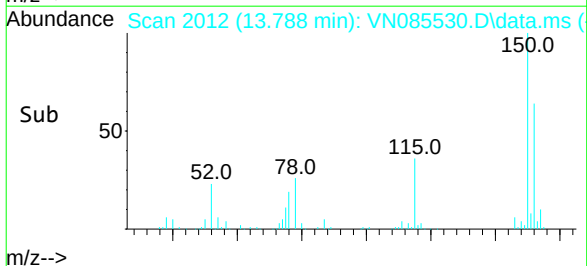
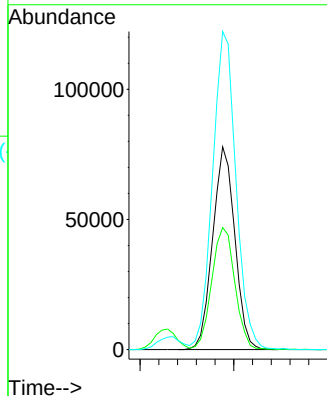
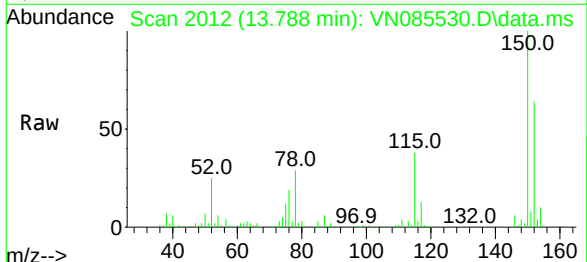
RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

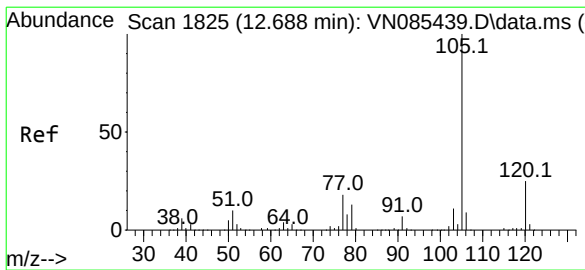
Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 127977 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 62.9  | 31.1  | 93.3   |
| 150       | 165.8 | 0.0   | 343.6  |







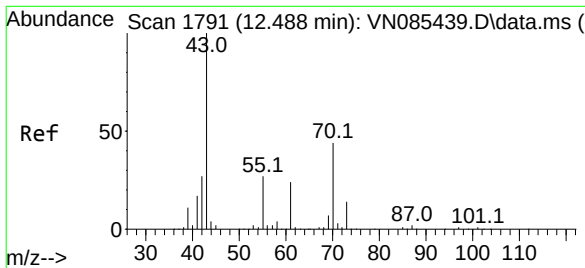
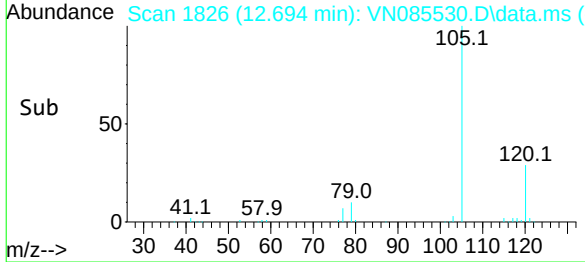
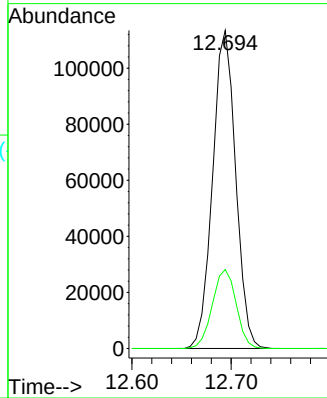
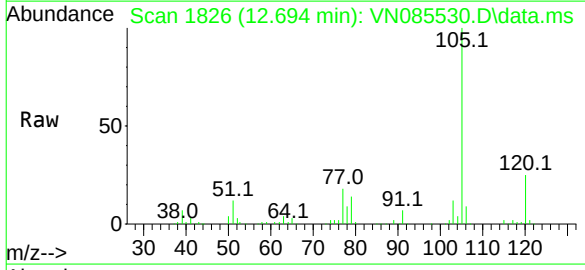
#73  
Isopropylbenzene  
Concen: 21.200 ug/l  
RT: 12.694 min Scan# 1825  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 105 Resp: 183110  
Ion Ratio Lower Upper  
105 100  
120 25.6 12.8 38.3

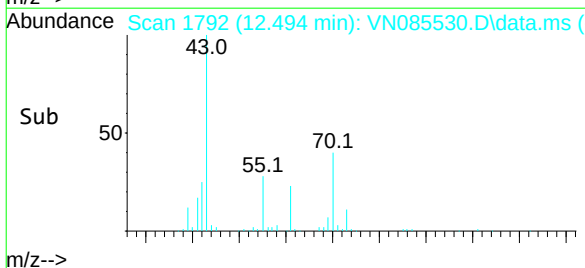
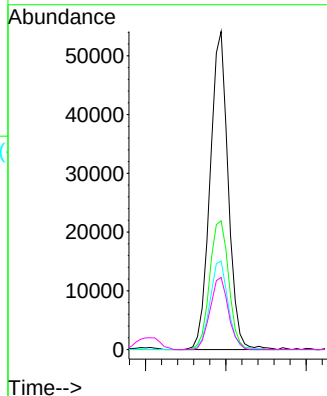
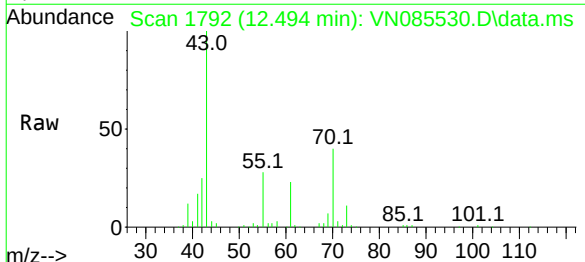
Manual Integrations  
APPROVED

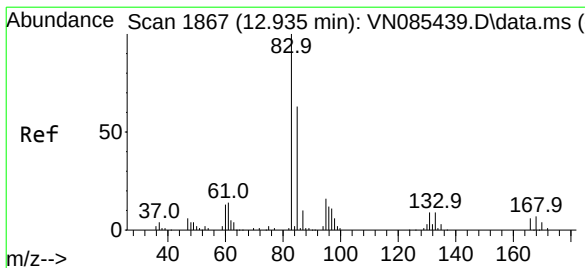
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#74  
N-ethyl acetate  
Concen: 21.833 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 43 Resp: 84761  
Ion Ratio Lower Upper  
43 100  
70 42.4 34.0 51.0  
55 27.8 21.4 32.2  
61 23.0 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.763 ug/l

RT: 12.935 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01

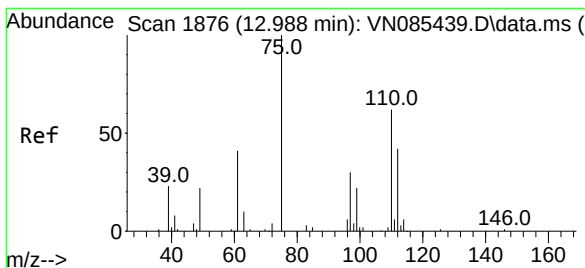
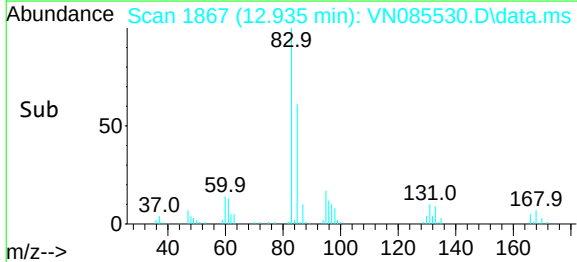
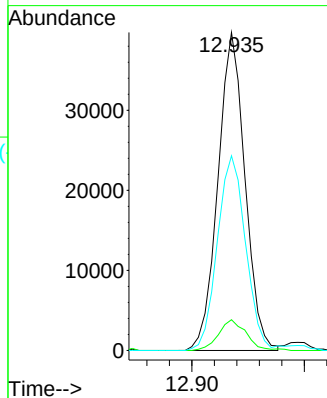
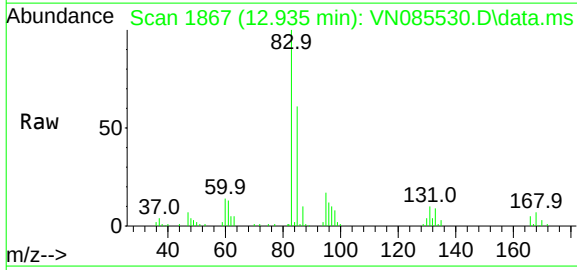
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 66402 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.9   | 4.8   | 14.4  |
| 85       | 64.2  | 32.2  | 96.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#76

1,2,3-Trichloropropane

Concen: 23.561 ug/l m

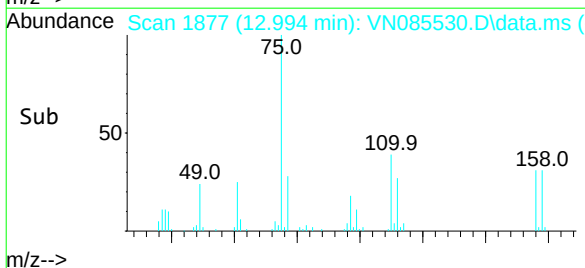
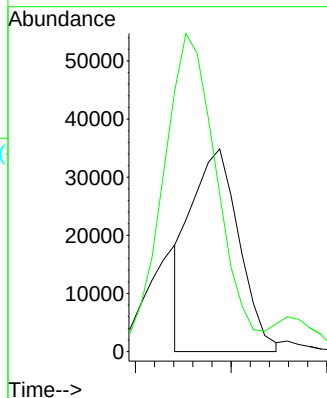
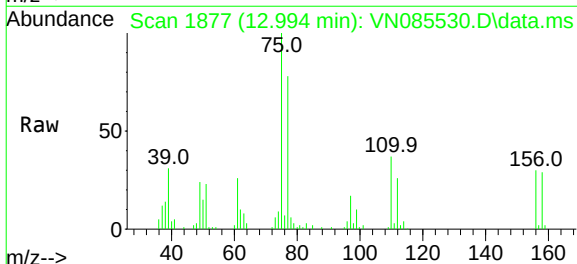
RT: 12.994 min Scan# 1877

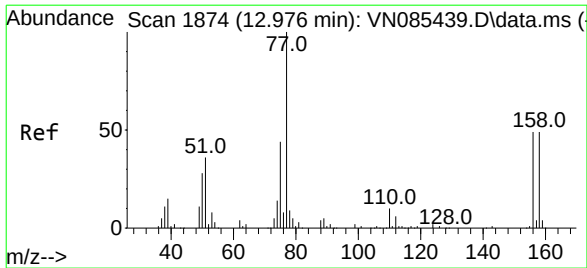
Delta R.T. 0.006 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 61286 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 176.6 | 109.7 | 329.2 |





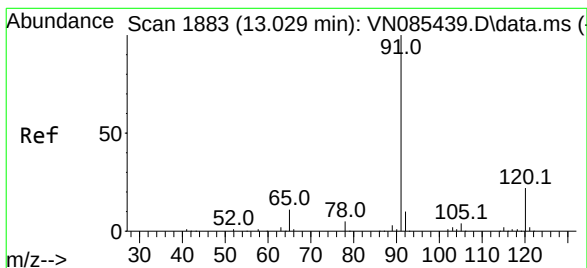
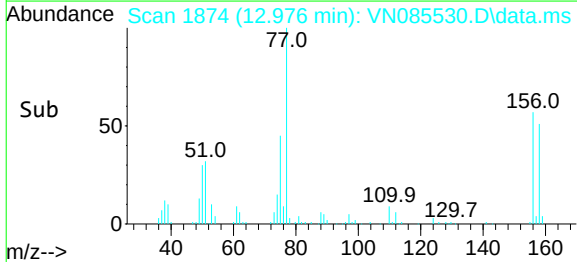
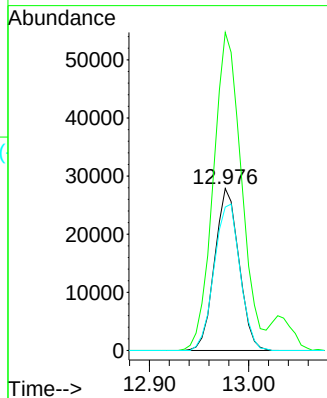
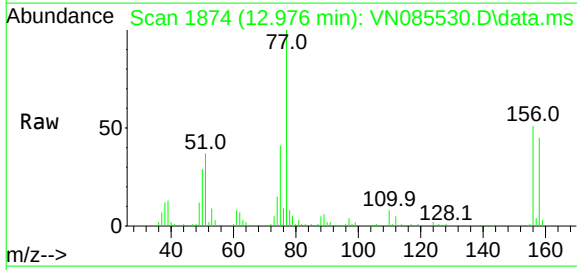
#77  
Bromobenzene  
Concen: 21.002 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion:156 Resp: 47394  
Ion Ratio Lower Upper  
156 100  
77 228.3 114.1 342.4  
158 96.4 48.9 146.8

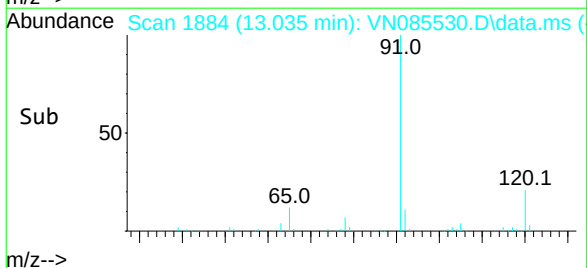
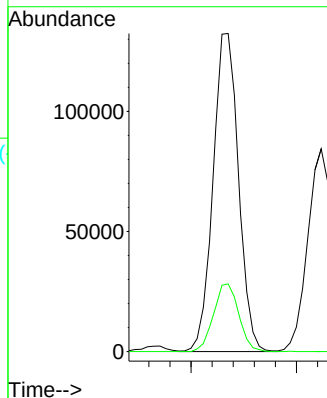
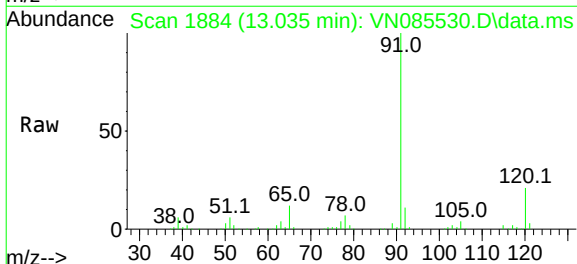
Manual Integrations  
APPROVED

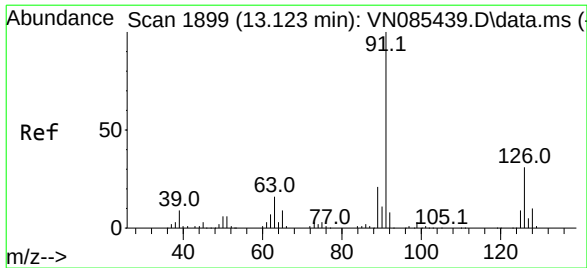
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#78  
n-propylbenzene  
Concen: 21.726 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 91 Resp: 222149  
Ion Ratio Lower Upper  
91 100  
120 21.0 10.9 32.6





#79

2-Chlorotoluene

Concen: 21.691 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01

Tgt Ion: 91 Resp: 143547

Ion Ratio Lower Upper

91 100

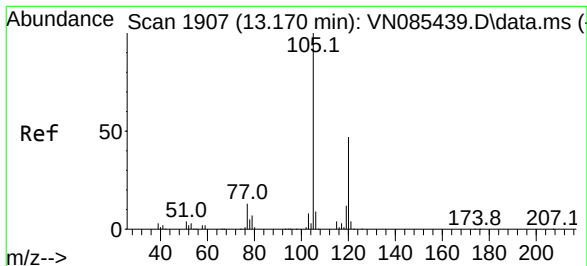
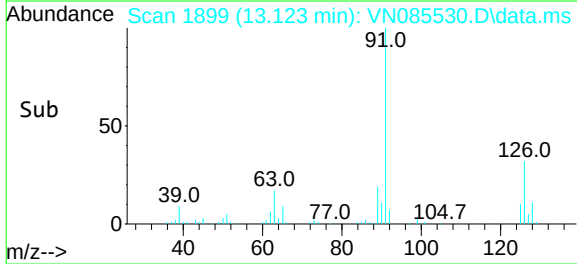
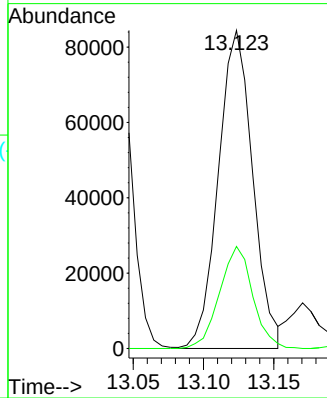
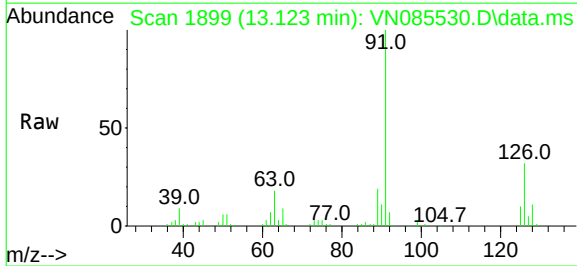
126 30.9 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#80

1,3,5-Trimethylbenzene

Concen: 21.820 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085530.D

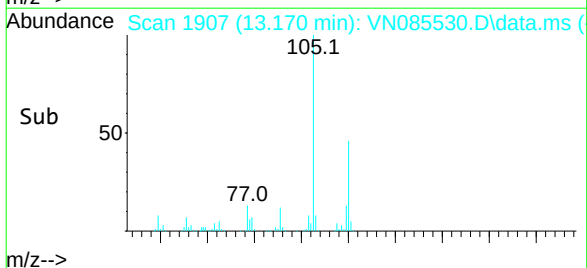
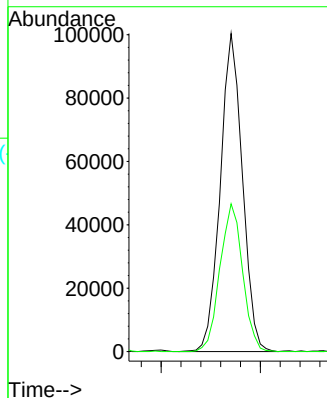
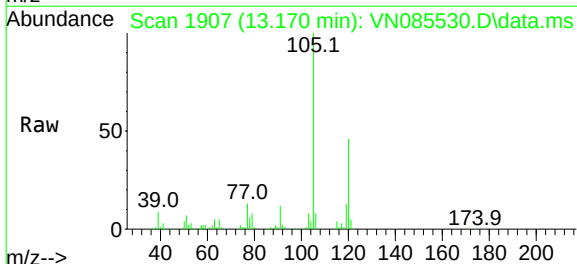
Acq: 28 Jan 2025 11:48

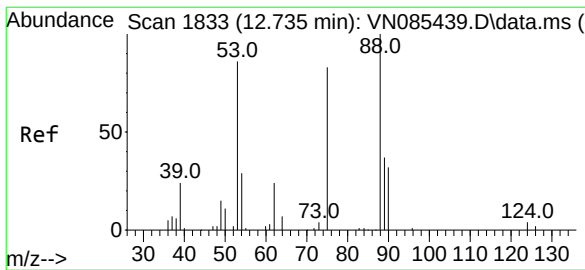
Tgt Ion:105 Resp: 155679

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7





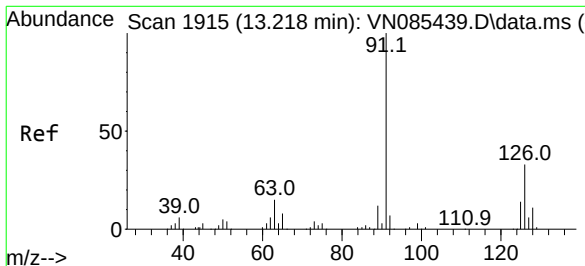
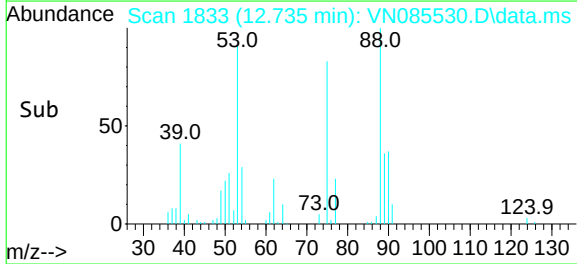
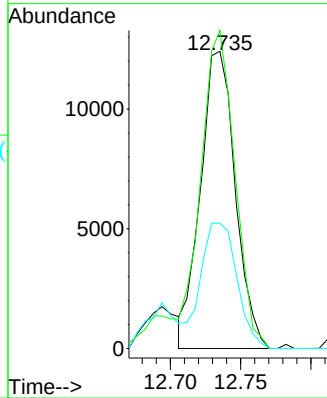
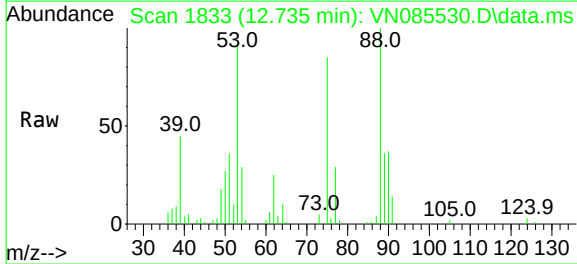
#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.223 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 75 Resp: 21365  
Ion Ratio Lower Upper  
75 100  
53 115.4 95.6 143.4  
89 44.8 37.0 55.6

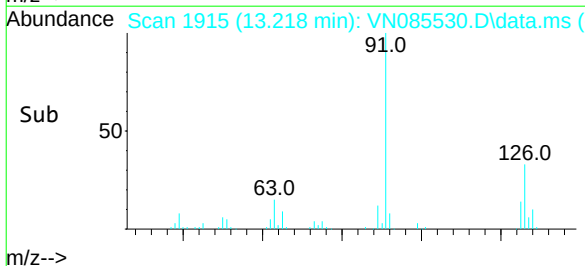
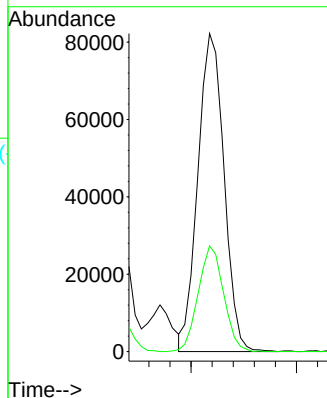
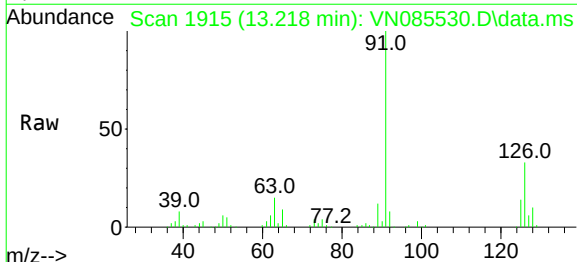
Manual Integrations  
APPROVED

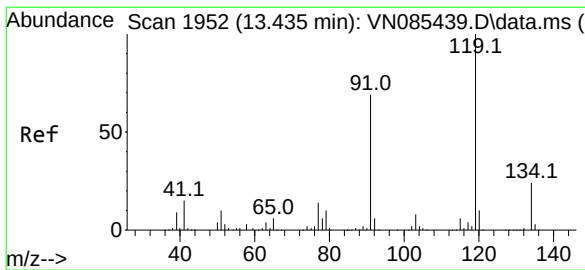
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#82  
4-Chlorotoluene  
Concen: 21.506 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion: 91 Resp: 141708  
Ion Ratio Lower Upper  
91 100  
126 32.2 15.9 47.7





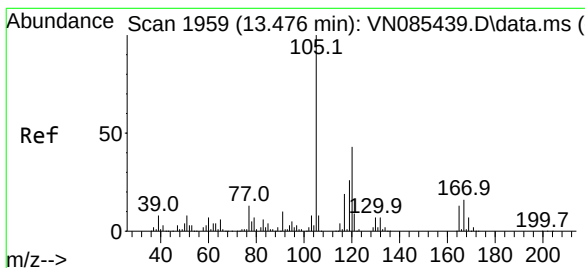
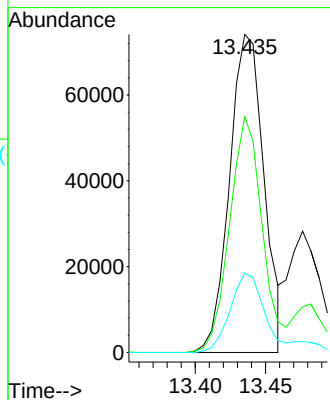
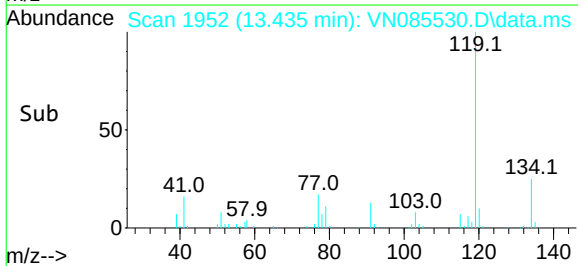
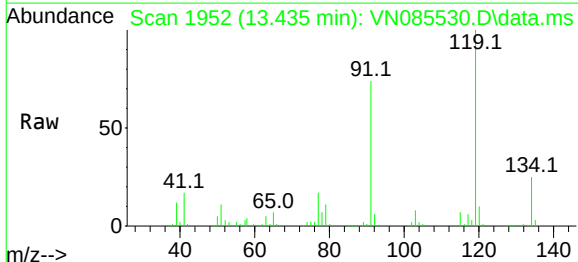
#83  
tert-Butylbenzene  
Concen: 21.097 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion:119 Resp: 126399  
Ion Ratio Lower Upper  
119 100  
91 70.5 35.1 105.3  
134 27.3 12.0 36.1

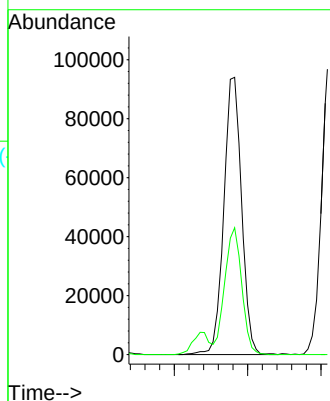
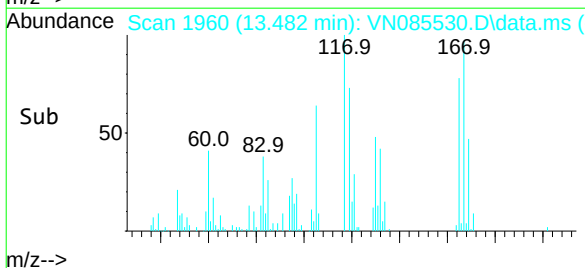
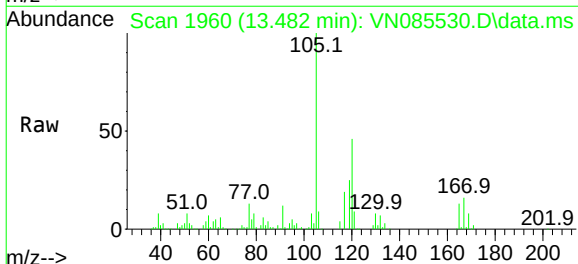
Manual Integrations  
APPROVED

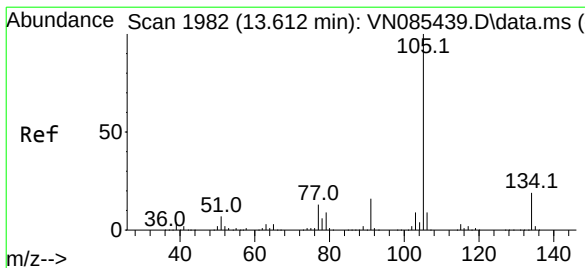
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#84  
1,2,4-Trimethylbenzene  
Concen: 22.236 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

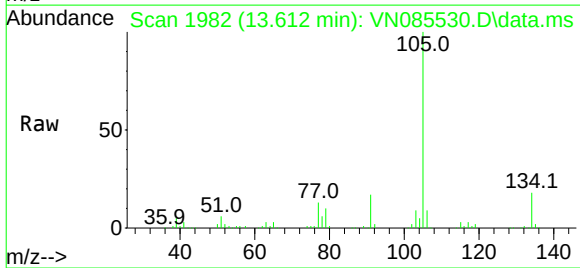
Tgt Ion:105 Resp: 158115  
Ion Ratio Lower Upper  
105 100  
120 43.9 21.6 65.0





#85  
 sec-Butylbenzene  
 Concen: 21.297 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48

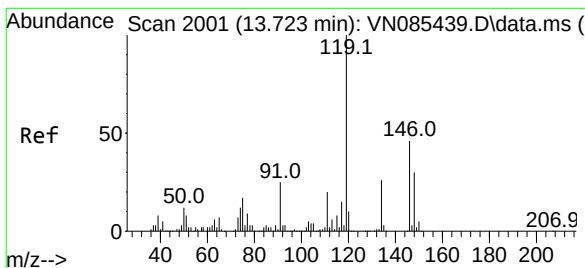
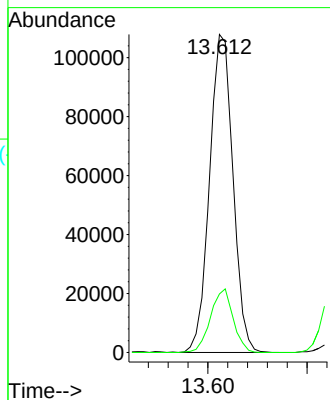
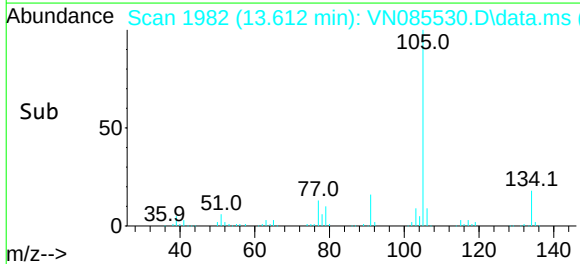
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0128WBSD01



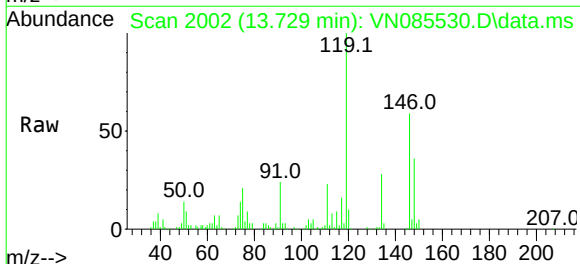
Tgt Ion:105 Resp: 176846  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 28.9

Manual Integrations  
 APPROVED

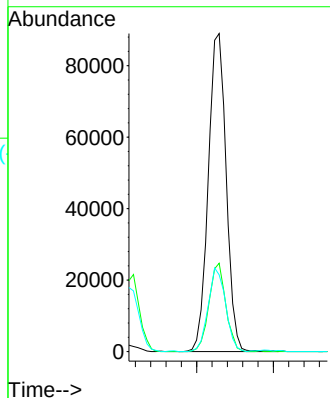
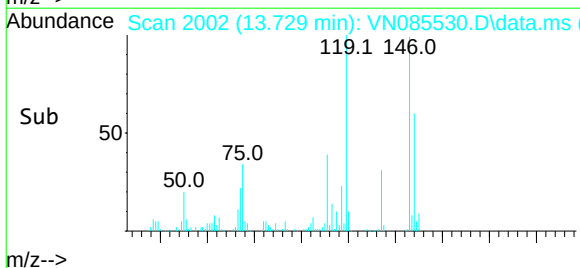
Reviewed By :John Carlone 01/29/2025  
 Supervised By :Semsettin Yesilyurt 01/29/2025

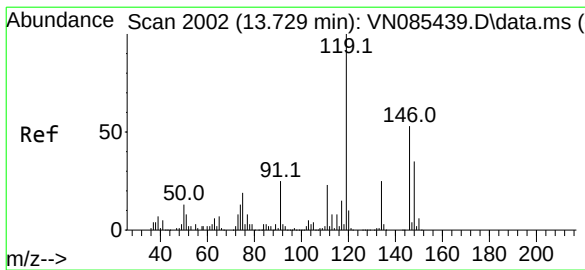


#86  
 p-Isopropyltoluene  
 Concen: 20.822 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.006 min  
 Lab File: VN085530.D  
 Acq: 28 Jan 2025 11:48



Tgt Ion:119 Resp: 144432  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.7 38.0  
 91 25.6 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 20.981 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

ClientSampleId :

VN0128WBSD01

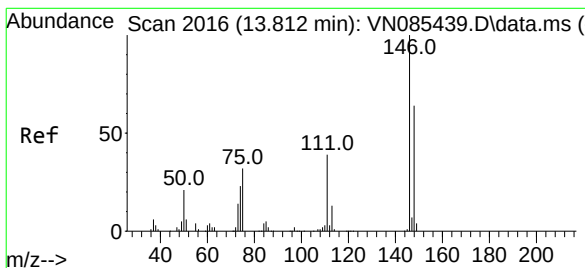
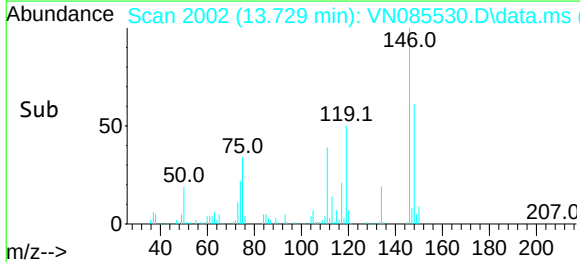
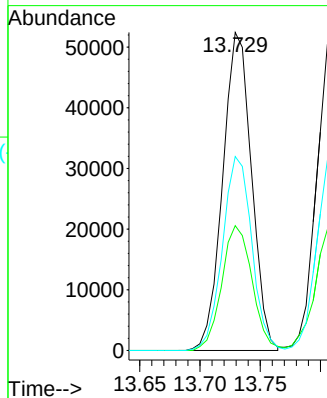
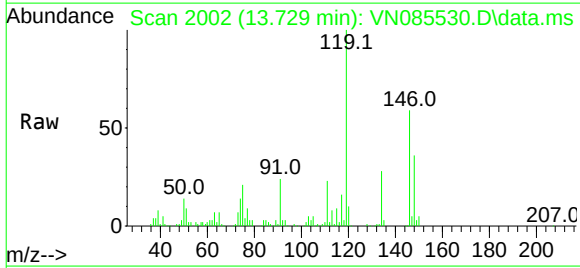
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 87193 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.4  | 21.4  | 64.3  |
| 148       | 62.2  | 32.3  | 96.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/29/2025

Supervised By :Semsettin Yesilyurt 01/29/2025



#88

1,4-Dichlorobenzene

Concen: 20.420 ug/l

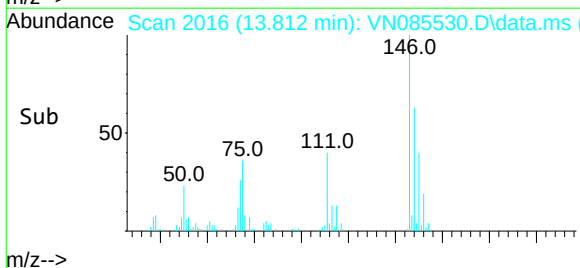
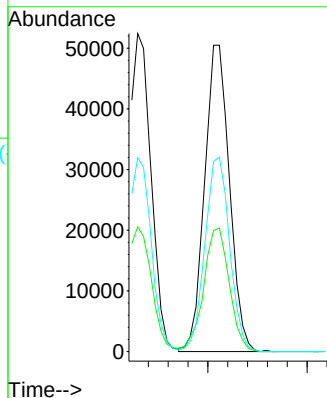
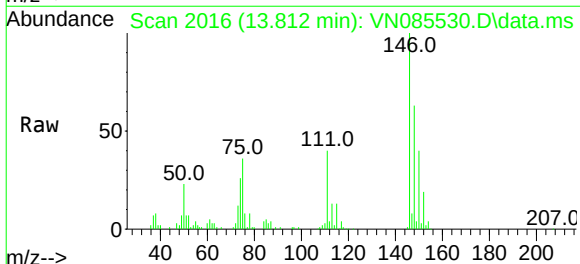
RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

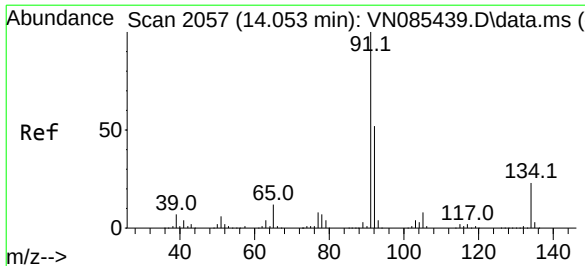
Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 87963 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 41.6  | 21.3  | 63.7  |
| 148       | 63.2  | 32.4  | 97.0  |







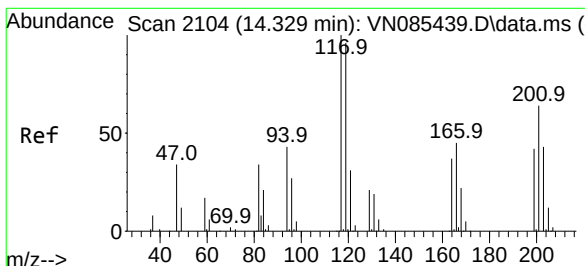
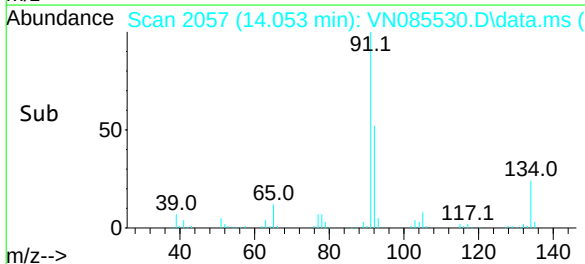
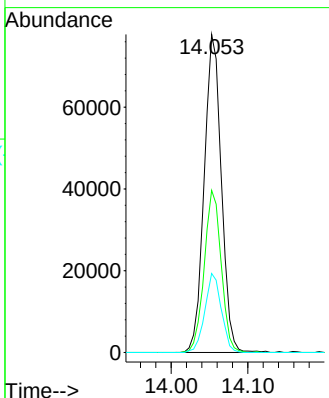
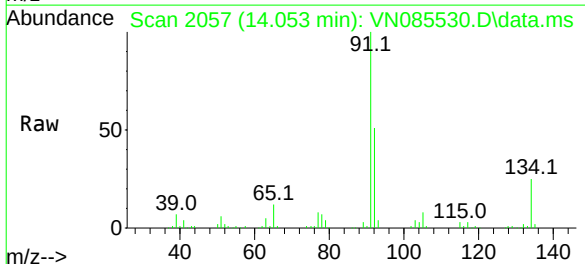
#89  
n-Butylbenzene  
Concen: 20.324 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion: 91 Resp: 121076  
Ion Ratio Lower Upper  
91 100  
92 50.3 25.8 77.3  
134 23.8 11.7 35.1

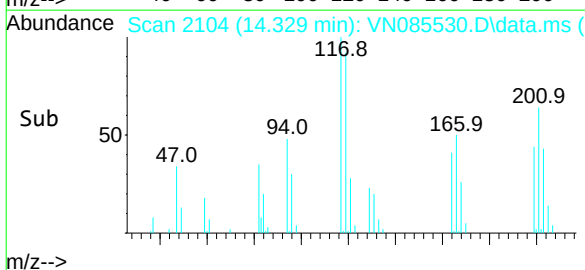
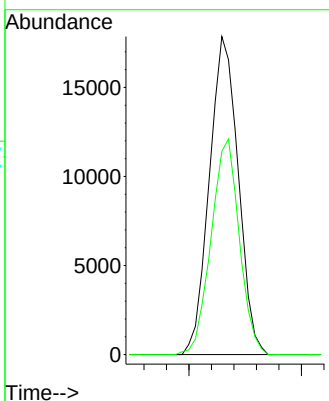
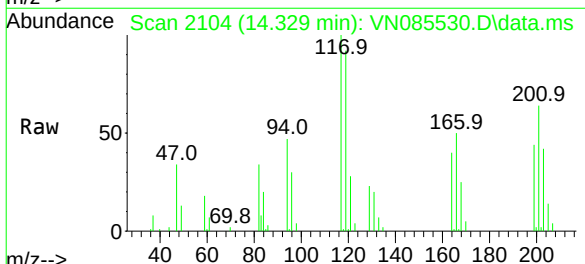
Manual Integrations  
APPROVED

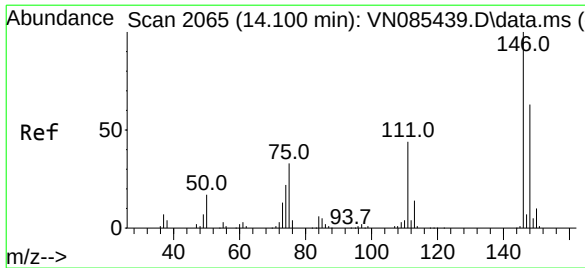
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#90  
Hexachloroethane  
Concen: 20.123 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Tgt Ion:117 Resp: 31810  
Ion Ratio Lower Upper  
117 100  
201 66.3 33.7 101.0





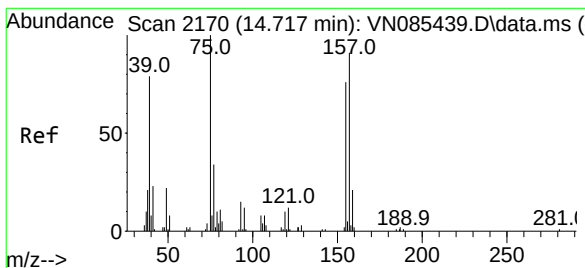
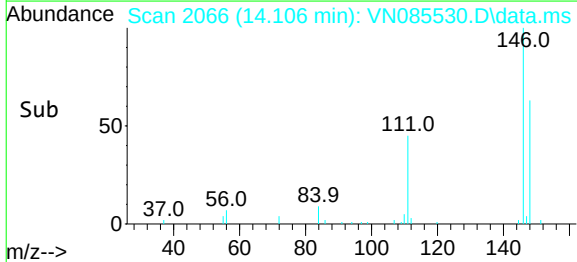
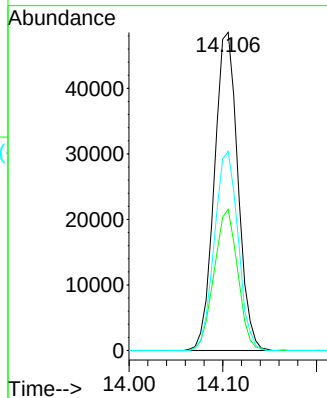
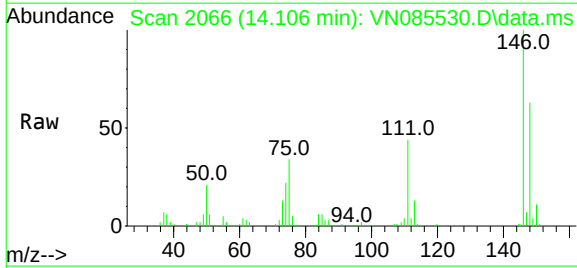
#91  
1,2-Dichlorobenzene  
Concen: 20.397 ug/l  
RT: 14.106 min Scan# 2065  
Delta R.T. 0.006 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01

Tgt Ion:146 Resp: 84554  
Ion Ratio Lower Upper  
146 100  
111 44.6 21.7 65.1  
148 63.0 31.4 94.2

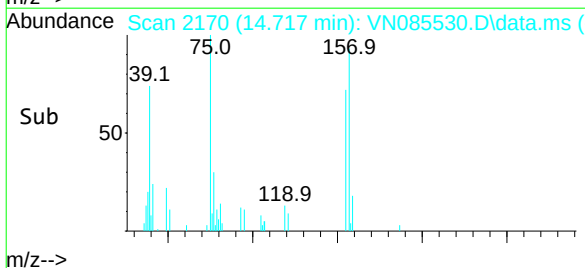
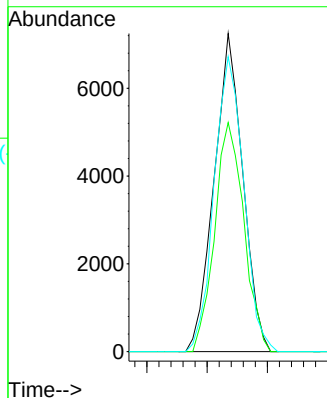
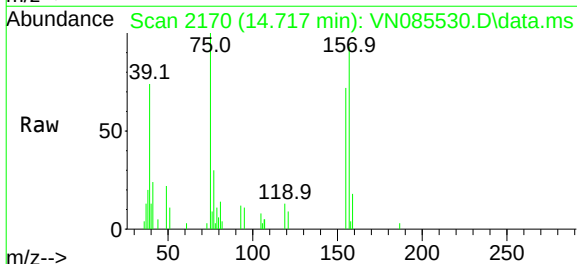
Manual Integrations  
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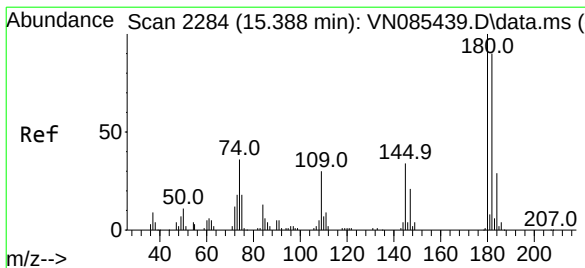
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 21.553 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

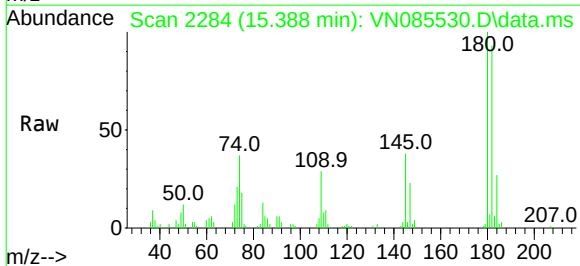
Tgt Ion: 75 Resp: 12008  
Ion Ratio Lower Upper  
75 100  
155 73.1 36.4 109.2  
157 95.1 45.4 136.1





#93  
1,2,4-Trichlorobenzene  
Concen: 19.554 ug/l  
RT: 15.388 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

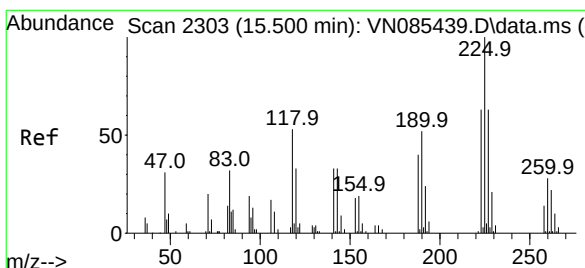
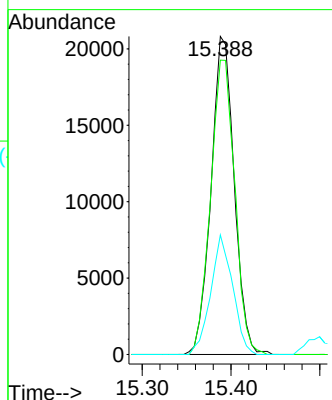
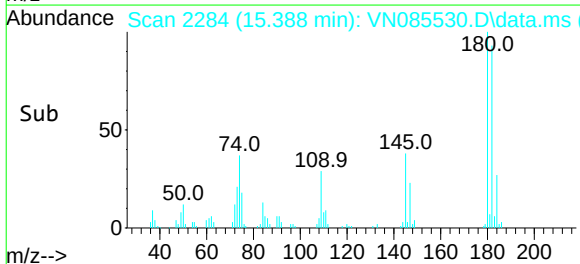
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0128WBSD01



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 46.8  | 140.3 |
| 145     | 35.9  | 16.0  | 48.0  |

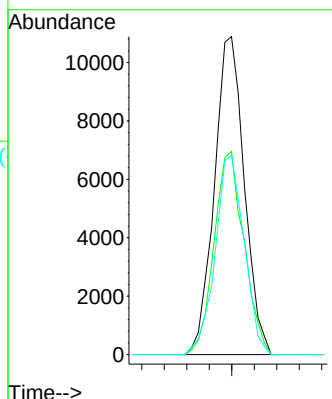
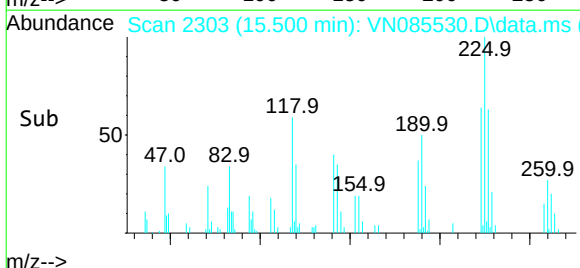
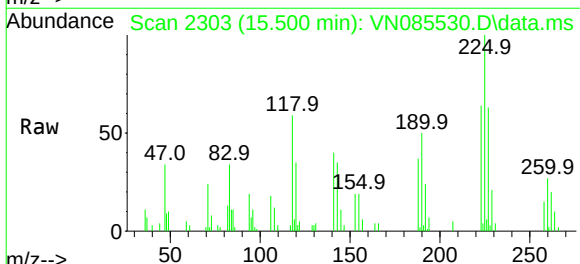
Manual Integrations  
APPROVED

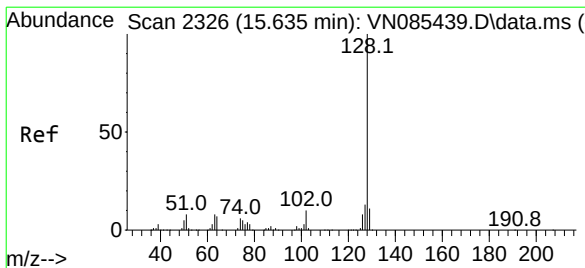
Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#94  
Hexachlorobutadiene  
Concen: 19.644 ug/l  
RT: 15.500 min Scan# 2303  
Delta R.T. 0.000 min  
Lab File: VN085530.D  
Acq: 28 Jan 2025 11:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.7  | 30.7  | 92.1  |
| 227     | 60.8  | 30.9  | 92.5  |





#95

Naphthalene

Concen: 19.250 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

Instrument :

MSVOA\_N

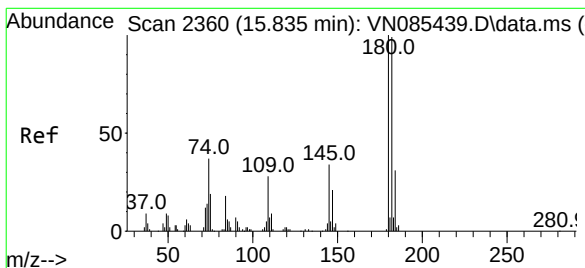
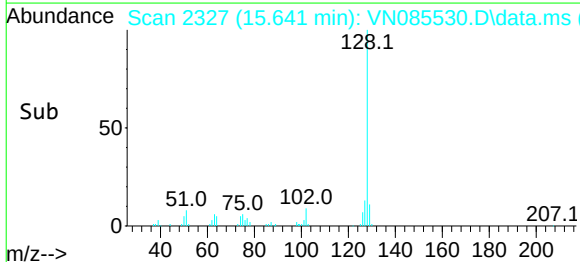
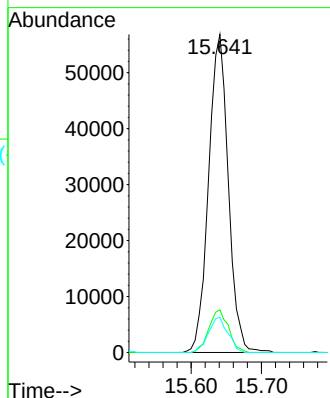
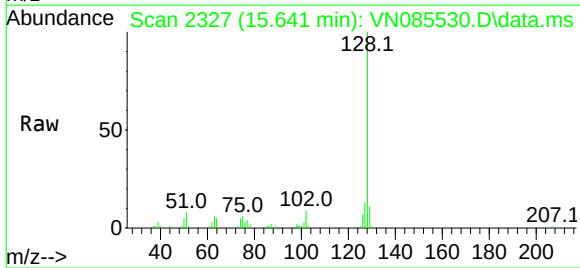
ClientSampleId :

VN0128WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 110672 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.6  | 16.0   |
| 129       | 11.0  | 8.8   | 13.2   |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/29/2025  
Supervised By :Semsettin Yesilyurt 01/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.356 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085530.D

Acq: 28 Jan 2025 11:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 39684 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.4  | 47.4  | 142.2 |
| 145       | 33.7  | 16.9  | 50.7  |

