

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102825\  
 Data File : VN088130.D  
 Acq On : 28 Oct 2025 11:38  
 Operator : JC\MD  
 Sample : VN1028WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/29/2025  
 Supervised By : Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:18:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 25 00:15:22 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 8.206          | 168  | 365445              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.082          | 114  | 715516              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.847         | 117  | 637348              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.770         | 152  | 312463              | 50.000 | ug/l   | 0.00     |
|                              |                |      |                     |        |        |          |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.565          | 65   | 334399              | 52.917 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 105.840% |        |        |          |
| 35) Dibromofluoromethane     | 8.147          | 113  | 228055              | 47.443 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 94.880%  |        |        |          |
| 50) Toluene-d8               | 10.547         | 98   | 838687              | 45.281 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 90.560%  |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.829         | 95   | 310646              | 47.491 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = 94.980%  |        |        |          |
|                              |                |      |                     |        |        |          |
| Target Compounds             |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 66211               | 16.062 | ug/l   | 99       |
| 3) Chloromethane             | 2.383          | 50   | 76287               | 15.731 | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.536          | 62   | 87155               | 16.494 | ug/l   | 99       |
| 5) Bromomethane              | 2.977          | 94   | 46727               | 14.785 | ug/l   | 100      |
| 6) Chloroethane              | 3.142          | 64   | 57655               | 15.144 | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.512          | 101  | 131702              | 15.627 | ug/l   | 96       |
| 8) Diethyl Ether             | 3.959          | 74   | 52780               | 16.850 | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101  | 71067               | 16.342 | ug/l   | 97       |
| 10) Methyl Iodide            | 4.583          | 142  | 55773               | 16.120 | ug/l   | 97       |
| 11) Tert butyl alcohol       | 5.518          | 59   | 104113              | 95.632 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.330          | 96   | 70747               | 15.402 | ug/l   | 94       |
| 13) Acrolein                 | 4.177          | 56   | 108267              | 88.412 | ug/l   | 97       |
| 14) Allyl chloride           | 5.012          | 41   | 138082              | 17.151 | ug/l   | 98       |
| 15) Acrylonitrile            | 5.712          | 53   | 268618              | 90.581 | ug/l   | 99       |
| 16) Acetone                  | 4.424          | 43   | 285019              | 89.777 | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.700          | 76   | 215150              | 15.409 | ug/l   | 96       |
| 18) Methyl Acetate           | 5.018          | 43   | 124166              | 19.104 | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.789          | 73   | 301534              | 17.876 | ug/l   | 99       |
| 20) Methylene Chloride       | 5.265          | 84   | 90099               | 18.725 | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.777          | 96   | 82767               | 16.416 | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.659          | 45   | 312361              | 18.449 | ug/l   | 100      |
| 23) Vinyl Acetate            | 6.588          | 43   | 1404757             | 92.106 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.547          | 63   | 166726              | 17.777 | ug/l   | 100      |
| 25) 2-Butanone               | 7.471          | 43   | 388592              | 92.880 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 7.471          | 77   | 143162              | 16.797 | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.471          | 96   | 100090              | 17.244 | ug/l   | 96       |
| 28) Bromochloromethane       | 7.794          | 49   | 66588               | 15.026 | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.830          | 42   | 244660              | 89.730 | ug/l   | 99       |
| 30) Chloroform               | 7.953          | 83   | 170756              | 18.224 | ug/l   | 99       |
| 31) Cyclohexane              | 8.235          | 56   | 150374              | 17.000 | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 8.147          | 97   | 146848              | 17.597 | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.353          | 75   | 116680              | 16.624 | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.547          | 43   | 154894              | 17.101 | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.347          | 117  | 120669              | 16.646 | ug/l   | 96       |
| 39) Methylcyclohexane        | 9.582          | 83   | 138438              | 15.345 | ug/l   | 99       |
| 40) Benzene                  | 8.588          | 78   | 357031              | 16.703 | ug/l   | 100      |

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 Sample : VN1028WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 10/29/2025  
 Supervised By :Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:18:29 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 25 00:15:22 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 79377    | 16.651  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 139579   | 18.378  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.671  | 43   | 245248   | 17.621  | ug/l   | 99       |
| 44) Trichloroethene           | 9.335  | 130  | 82393    | 16.491  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 93267    | 17.284  | ug/l   | 98       |
| 46) Dibromomethane            | 9.694  | 93   | 67626    | 17.571  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.865  | 83   | 131483   | 17.064  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.665  | 41   | 115238   | 17.934  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.682  | 88   | 30760    | 384.899 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 743509   | 90.303  | ug/l   | 99       |
| 52) Toluene                   | 10.612 | 92   | 219734   | 16.674  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.818 | 75   | 138002   | 16.827  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 143745   | 16.518  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 83226    | 16.646  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.859 | 69   | 133316   | 16.849  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 153639   | 17.483  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 339590   | 82.513  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.176 | 43   | 465936   | 85.306  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.341 | 129  | 93701    | 16.489  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 84583    | 16.438  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.082 | 164  | 65951    | 15.687  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.870 | 112  | 230372   | 15.918  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 79145    | 16.692  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.941 | 91   | 418045   | 16.456  | ug/l   | 95       |
| 68) m/p-Xylenes               | 12.047 | 106  | 308395   | 32.401  | ug/l   | 98       |
| 69) o-Xylene                  | 12.376 | 106  | 153175   | 16.976  | ug/l   | 98       |
| 70) Styrene                   | 12.394 | 104  | 252381   | 17.153  | ug/l   | 99       |
| 71) Bromoform                 | 12.559 | 173  | 57512    | 16.254  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.670 | 105  | 391686   | 16.253  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.735 | 43   | 121504m  | 17.761  | ug/l   |          |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 133462   | 17.788  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 129682m  | 18.153  | ug/l   |          |
| 77) Bromobenzene              | 12.959 | 156  | 90140    | 17.345  | ug/l   | 100      |
| 78) n-propylbenzene           | 13.012 | 91   | 479311   | 16.298  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 291170   | 17.361  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.153 | 105  | 330925   | 16.534  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 34864    | 13.614  | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 298777   | 16.466  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.417 | 119  | 287893   | 16.102  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 335824   | 16.770  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.594 | 105  | 417672   | 15.900  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 344301   | 16.339  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.712 | 146  | 172894   | 16.666  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 181623   | 16.300  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.035 | 91   | 335965   | 16.095  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.311 | 117  | 59952    | 14.692  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 171402   | 17.140  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 30187    | 17.286  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.364 | 180  | 100598   | 16.610  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 38502    | 17.071  | ug/l   | 97       |
| 95) Naphthalene               | 15.617 | 128  | 336209   | 16.205  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 96339    | 16.590  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN102825\  
Data File : VN088130.D  
Acq On : 28 Oct 2025 11:38  
Operator : JC\MD  
Sample : VN1028WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Manual Integrations  
APPROVED

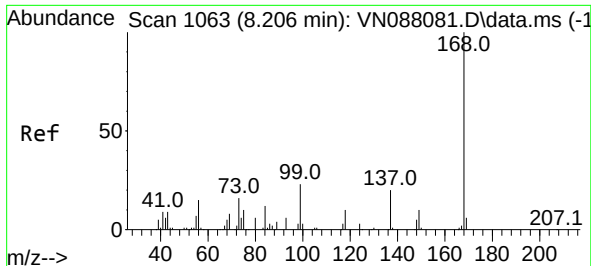
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:18:29 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N102325W.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 25 00:15:22 2025  
Response via : Initial Calibration

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

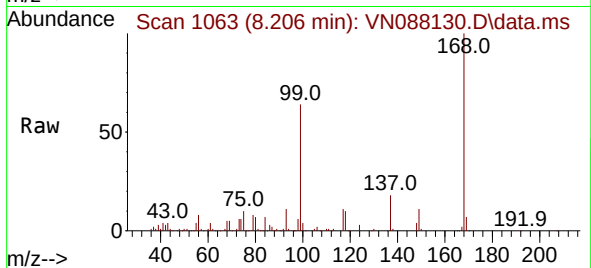
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

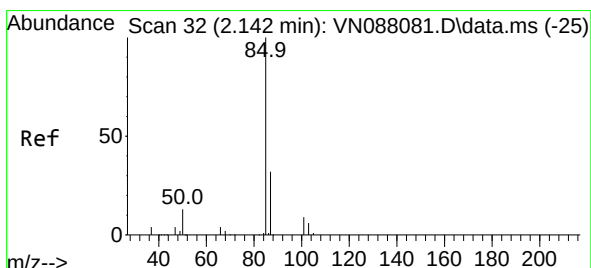
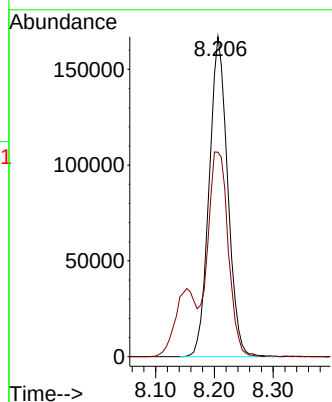
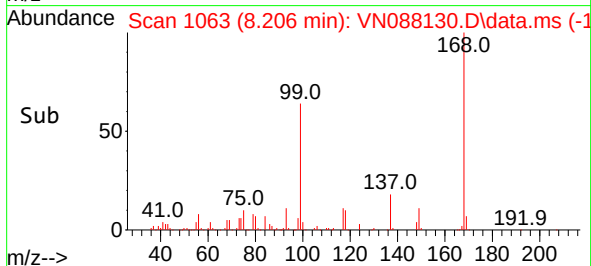
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion:168 Resp: 36544  
Ion Ratio Lower Upper  
168 100  
99 63.9 57.2 85.8

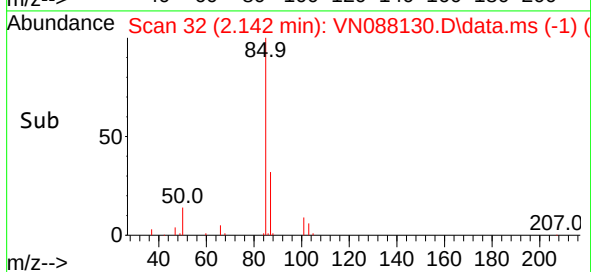
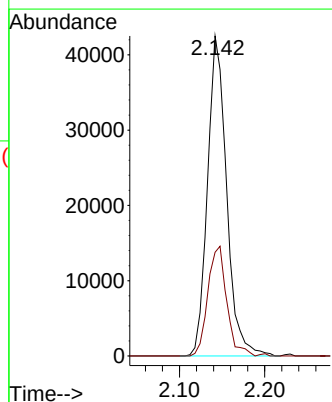
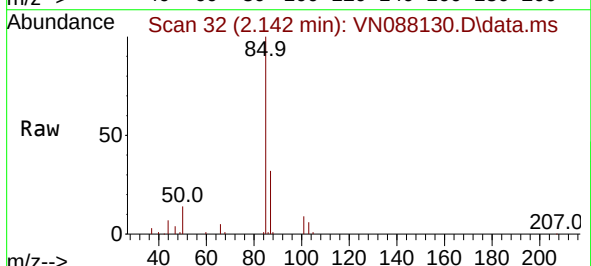
Manual Integrations  
APPROVED

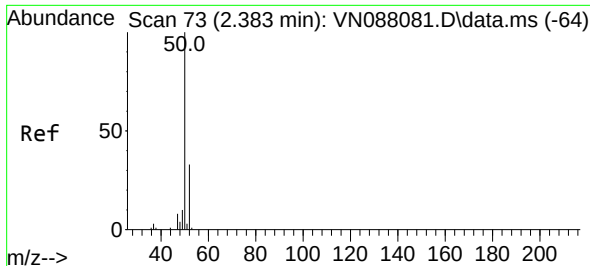
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#2  
Dichlorodifluoromethane  
Concen: 16.062 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

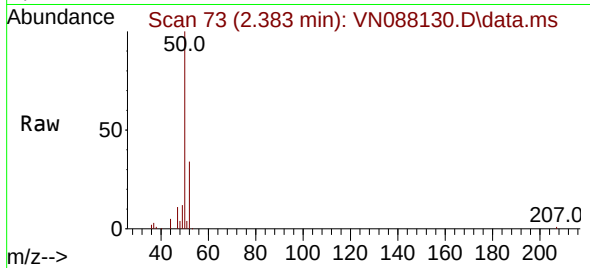
Tgt Ion: 85 Resp: 66211  
Ion Ratio Lower Upper  
85 100  
87 32.4 16.6 49.8





#3  
Chloromethane  
Concen: 15.731 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

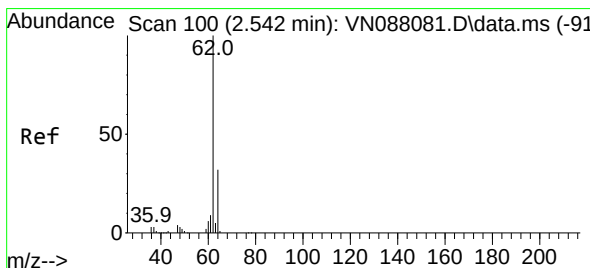
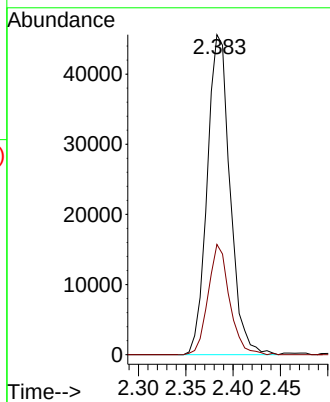
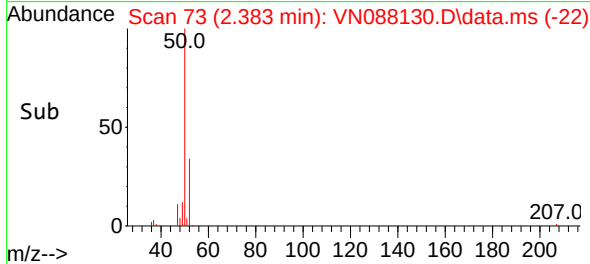
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 50 Resp: 7628  
Ion Ratio Lower Upper  
50 100  
52 34.5 26.2 39.4

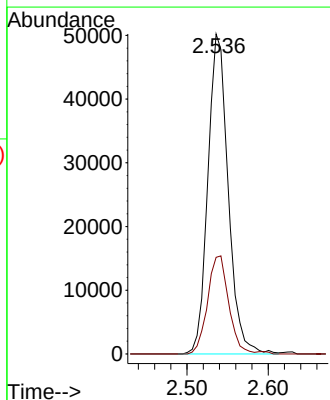
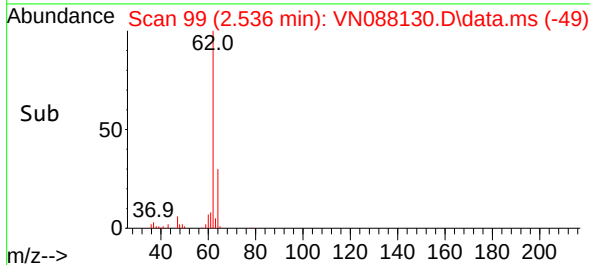
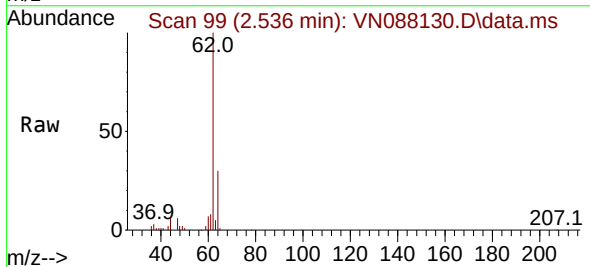
Manual Integrations  
APPROVED

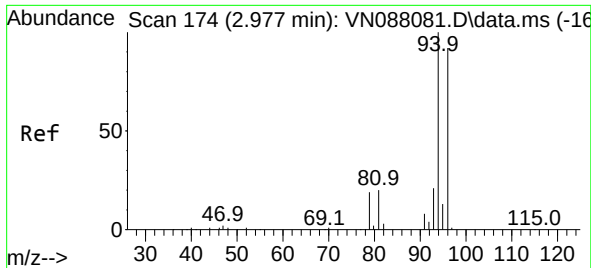
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#4  
Vinyl Chloride  
Concen: 16.494 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 62 Resp: 87155  
Ion Ratio Lower Upper  
62 100  
64 30.2 24.6 37.0





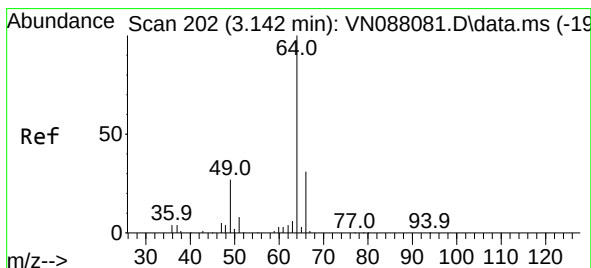
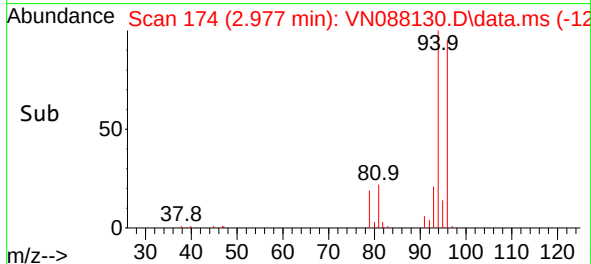
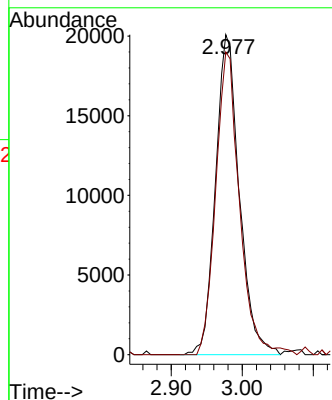
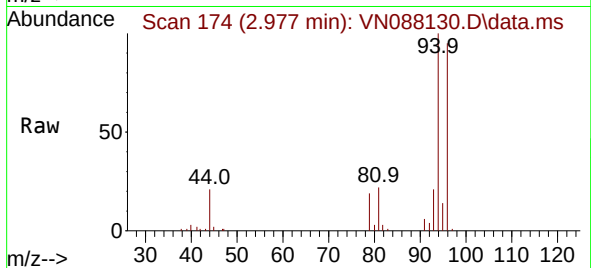
#5  
Bromomethane  
Concen: 14.785 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion: 94 Resp: 4672  
Ion Ratio Lower Upper  
94 100  
96 94.6 75.4 113.2

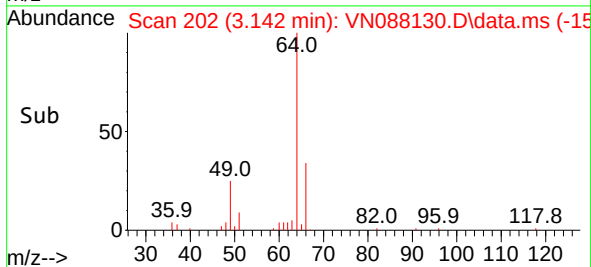
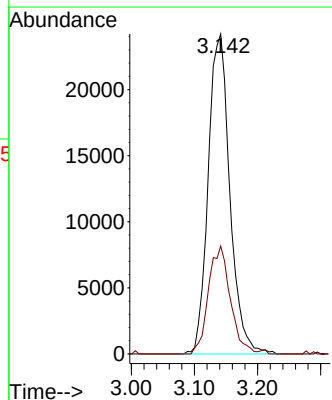
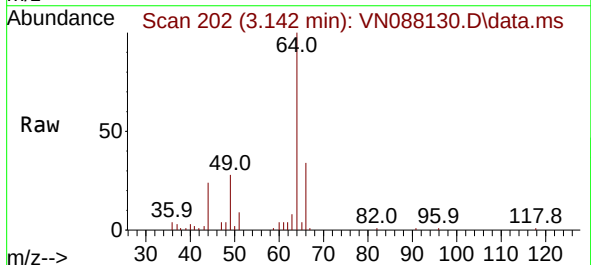
Manual Integrations  
APPROVED

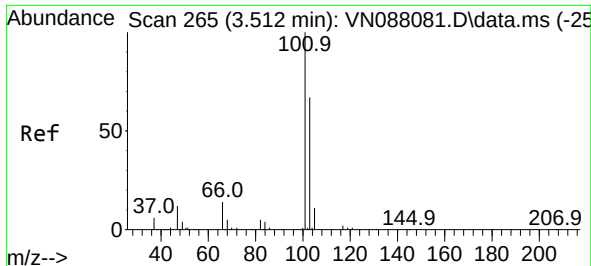
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#6  
Chloroethane  
Concen: 15.144 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 64 Resp: 57655  
Ion Ratio Lower Upper  
64 100  
66 33.7 26.2 39.2





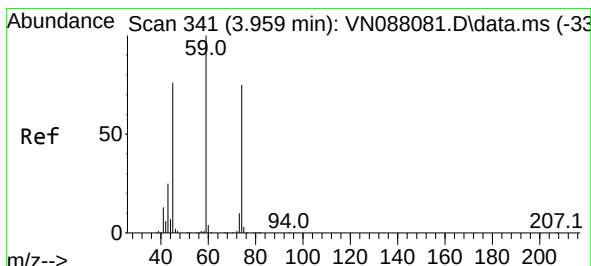
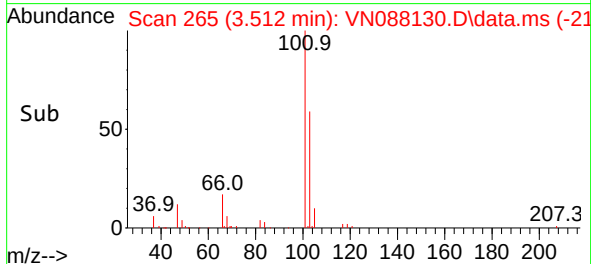
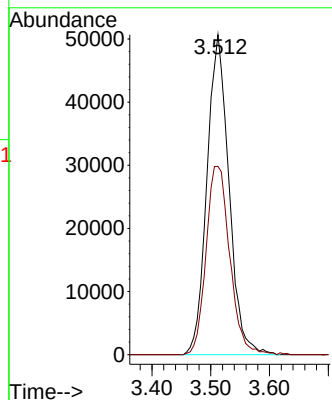
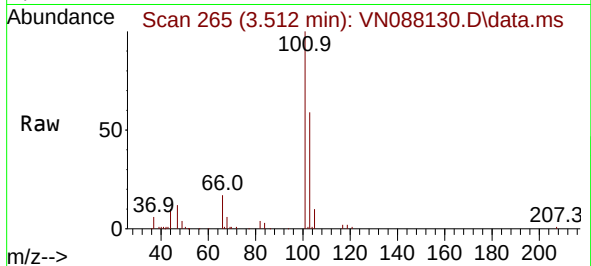
#7  
 Trichlorofluoromethane  
 Concen: 15.627 ug/l  
 RT: 3.512 min Scan# 201  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01

Tgt Ion:101 Resp: 131702  
 Ion Ratio Lower Upper  
 101 100  
 103 58.9 49.4 74.0

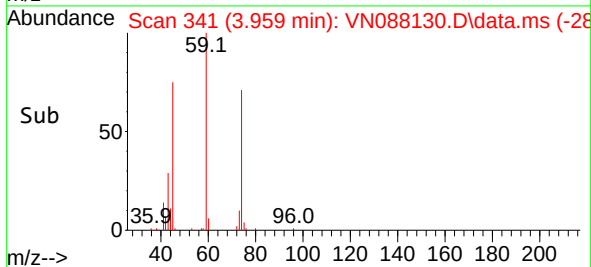
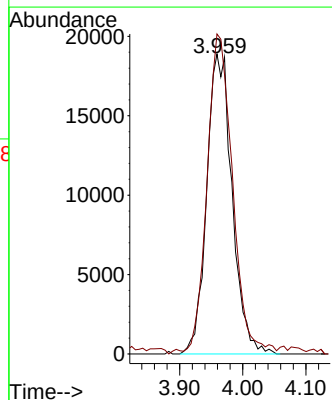
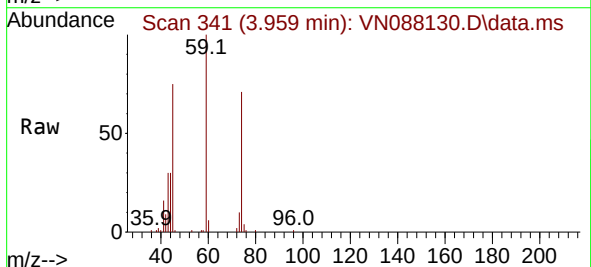
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 10/29/2025  
 Supervised By :Semsettin Yesilyurt 10/29/2025

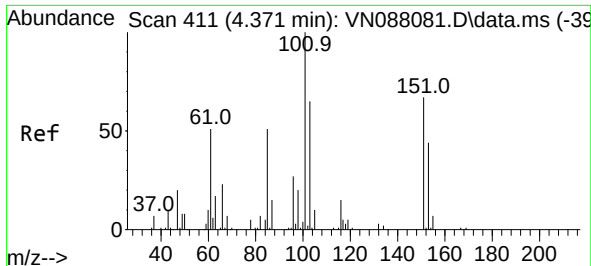


#8  
 Diethyl Ether  
 Concen: 16.850 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. 0.006 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Tgt Ion: 74 Resp: 52780  
 Ion Ratio Lower Upper  
 74 100  
 45 104.3 50.6 151.9







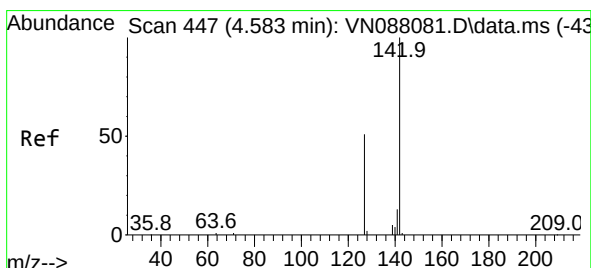
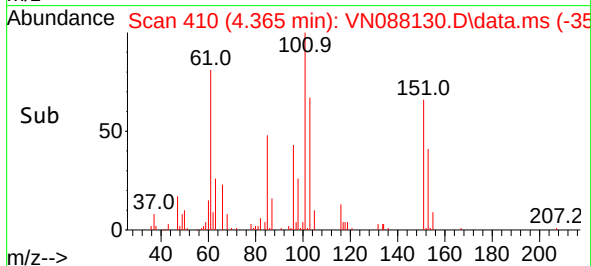
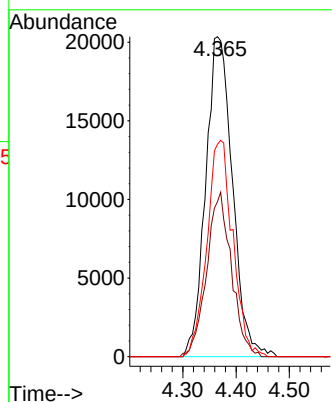
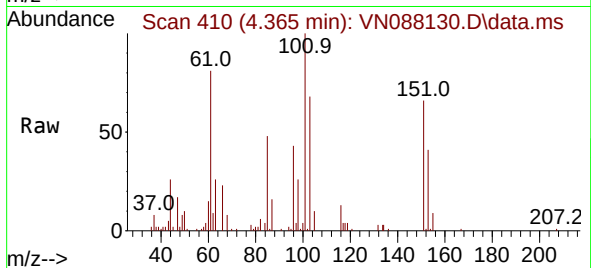
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 16.342 ug/l  
RT: 4.365 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion:101 Resp: 7106  
Ion Ratio Lower Upper  
101 100  
85 47.5 36.6 55.0  
151 65.4 54.7 82.1

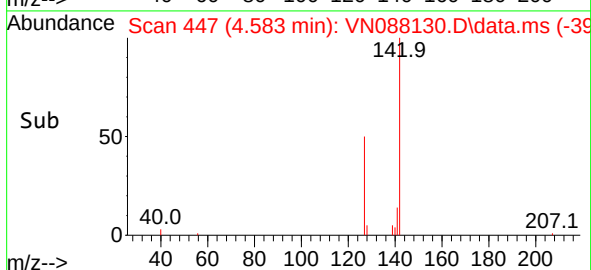
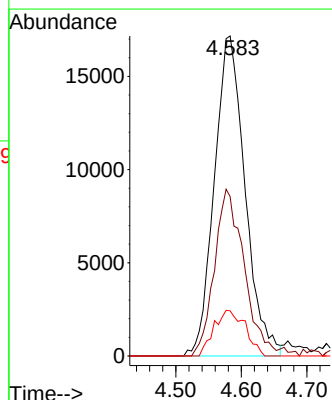
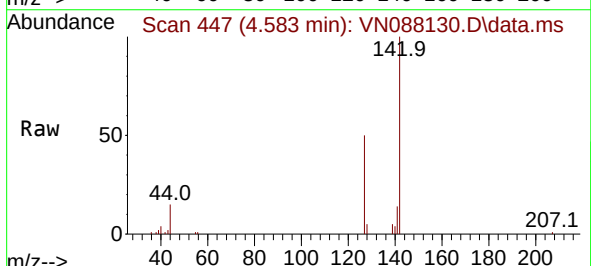
Manual Integrations  
APPROVED

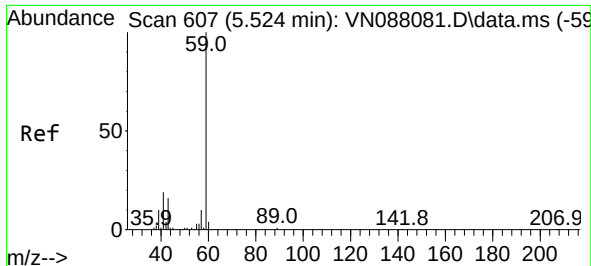
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#10  
Methyl Iodide  
Concen: 16.120 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

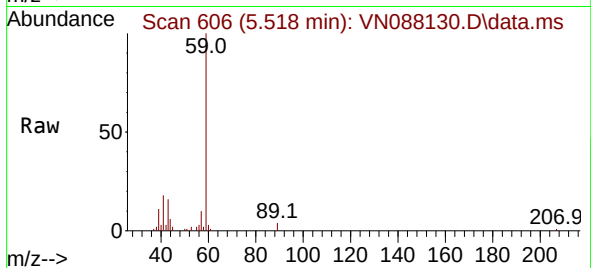
Tgt Ion:142 Resp: 55773  
Ion Ratio Lower Upper  
142 100  
127 49.8 38.0 57.0  
141 14.1 12.0 18.0





#11  
Tert butyl alcohol  
Concen: 95.632 ug/l  
RT: 5.518 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

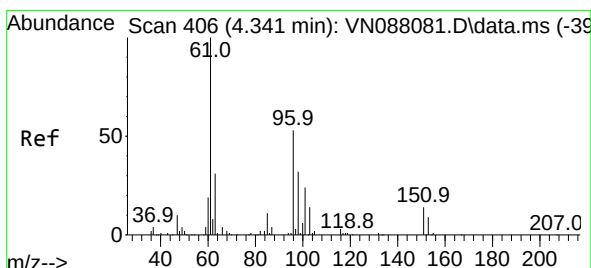
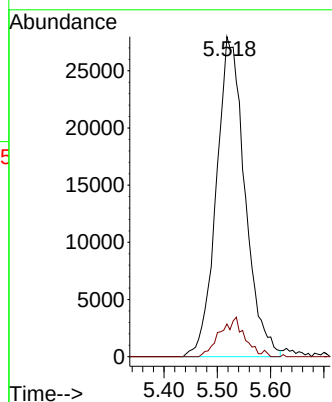
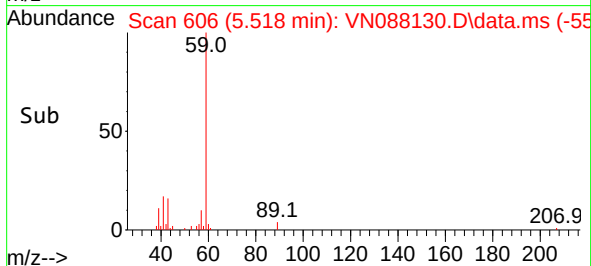
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 59 Resp: 10411  
Ion Ratio Lower Upper  
59 100  
57 10.5 9.0 13.4

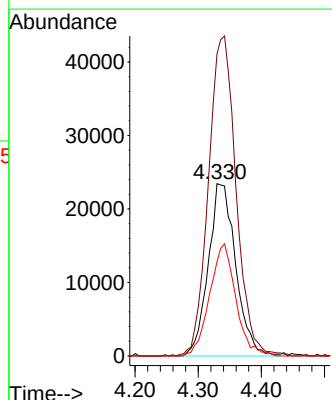
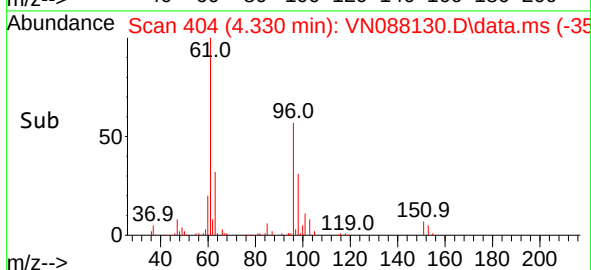
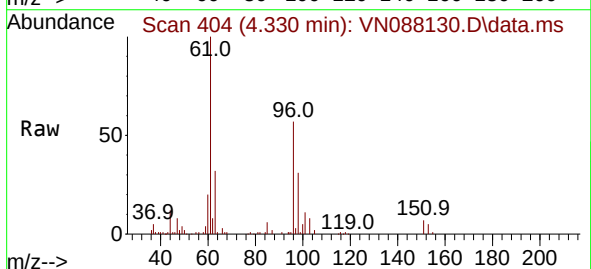
Manual Integrations  
APPROVED

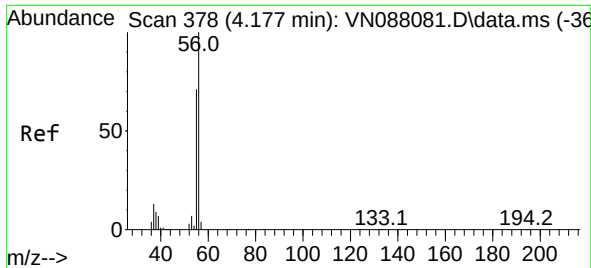
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#12  
1,1-Dichloroethene  
Concen: 15.402 ug/l  
RT: 4.330 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 96 Resp: 70747  
Ion Ratio Lower Upper  
96 100  
61 174.4 143.8 215.8  
98 54.6 52.1 78.1





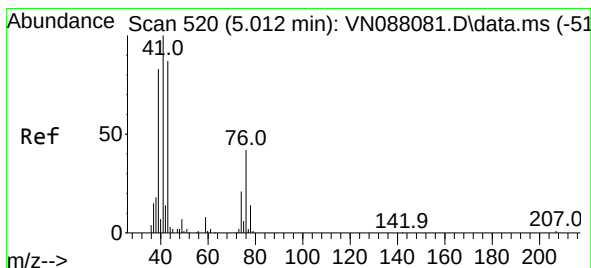
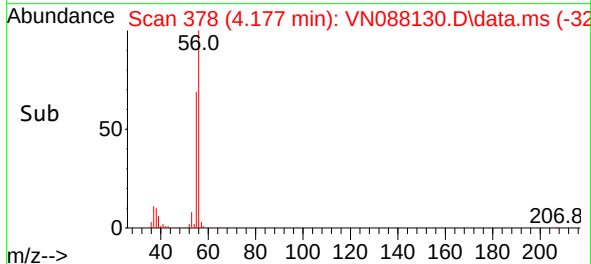
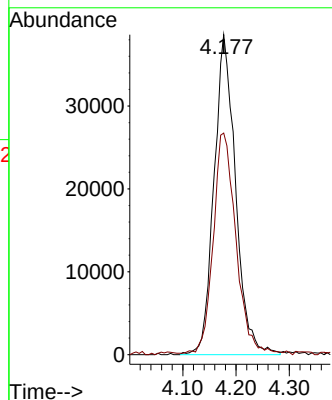
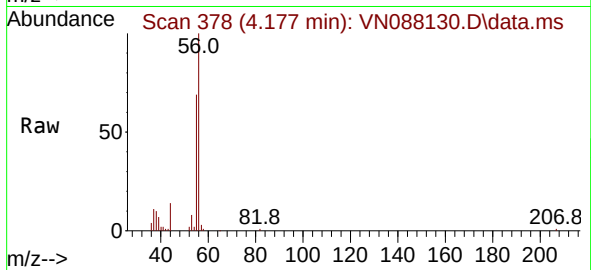
#13  
Acrolein  
Concen: 88.412 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion: 56 Resp: 10826  
Ion Ratio Lower Upper  
56 100  
55 73.9 57.3 85.9

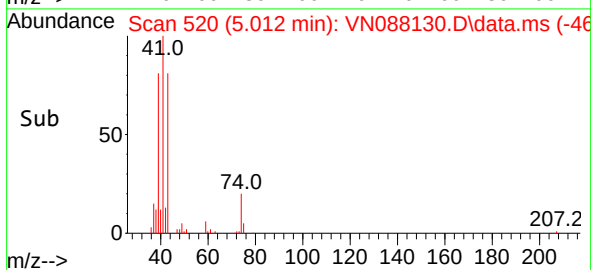
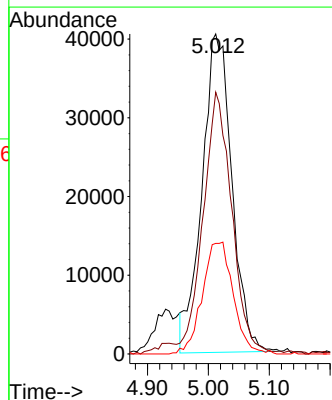
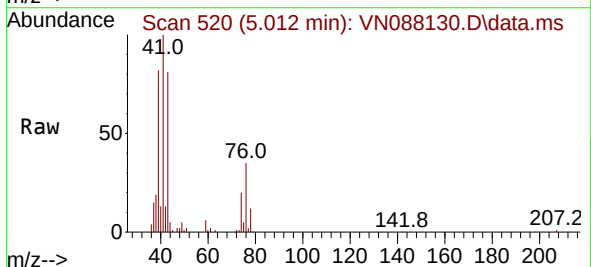
Manual Integrations  
APPROVED

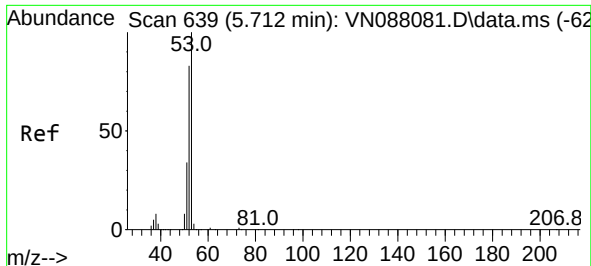
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#14  
Allyl chloride  
Concen: 17.151 ug/l  
RT: 5.012 min Scan# 520  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

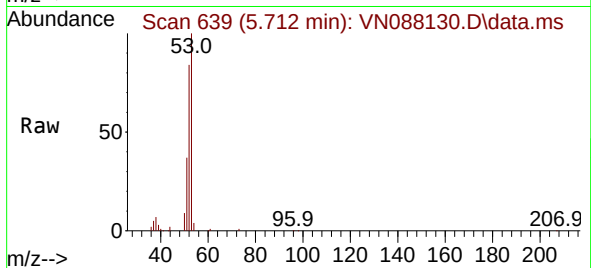
Tgt Ion: 41 Resp: 138082  
Ion Ratio Lower Upper  
41 100  
39 78.2 63.9 95.9  
76 36.2 28.1 42.1





#15  
Acrylonitrile  
Concen: 90.581 ug/l  
RT: 5.712 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

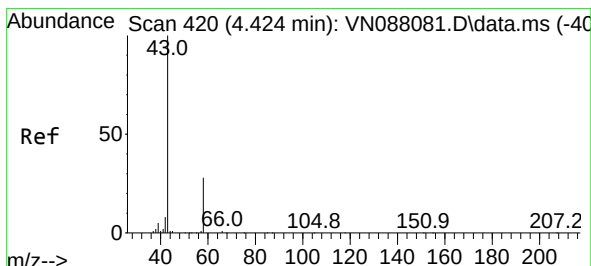
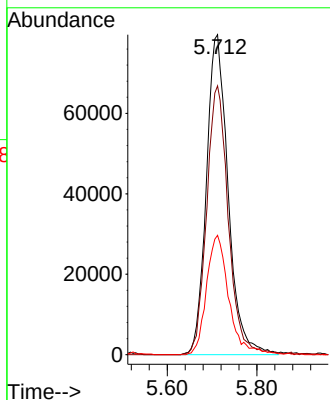
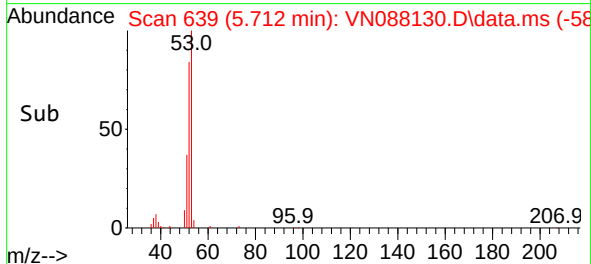
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 53 Resp: 268618  
Ion Ratio Lower Upper  
53 100  
52 83.7 67.6 101.4  
51 38.3 30.1 45.1

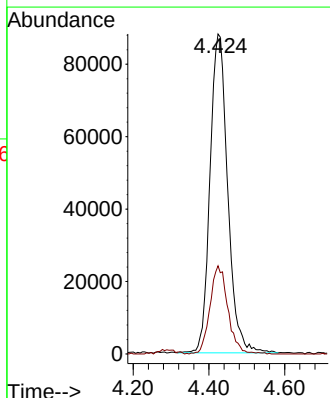
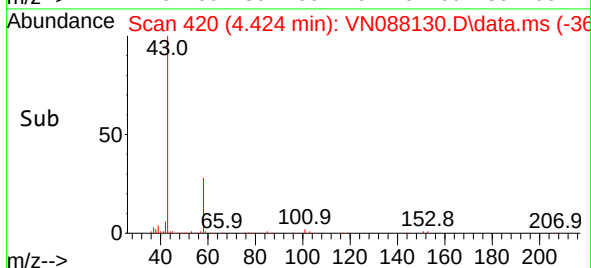
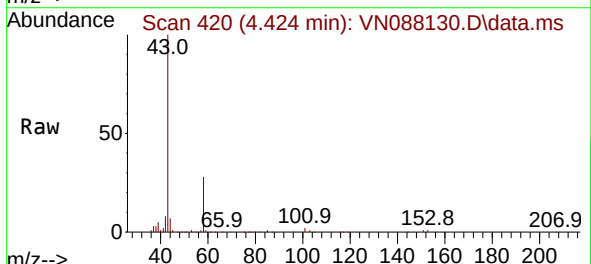
Manual Integrations  
APPROVED

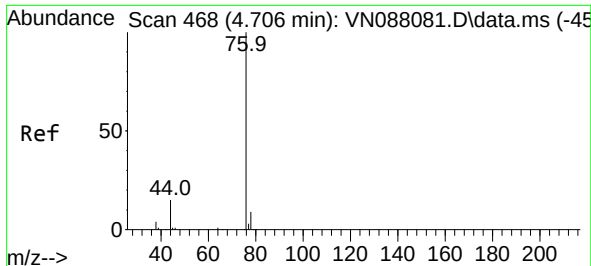
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#16  
Acetone  
Concen: 89.777 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 43 Resp: 285019  
Ion Ratio Lower Upper  
43 100  
58 27.6 22.6 33.8





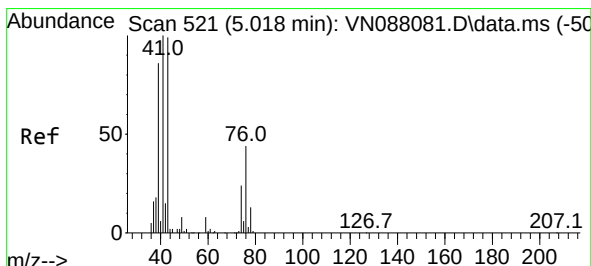
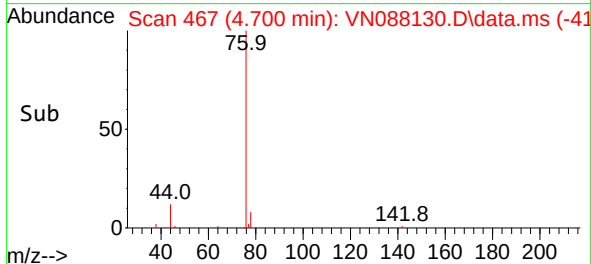
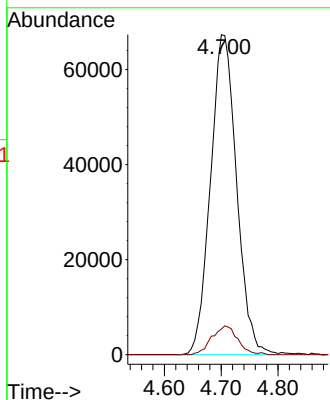
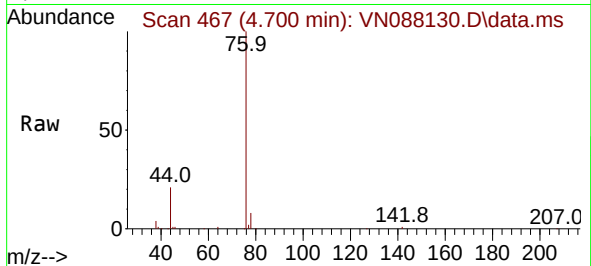
#17  
Carbon Disulfide  
Concen: 15.409 ug/l  
RT: 4.700 min Scan# 468  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion: 76 Resp: 215150  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.6 11.4

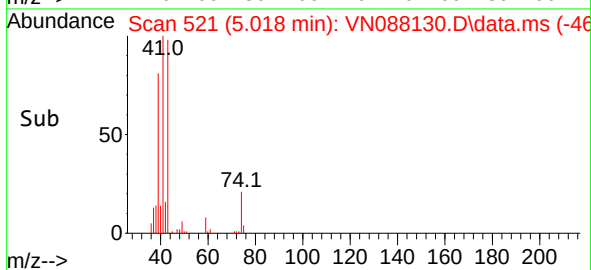
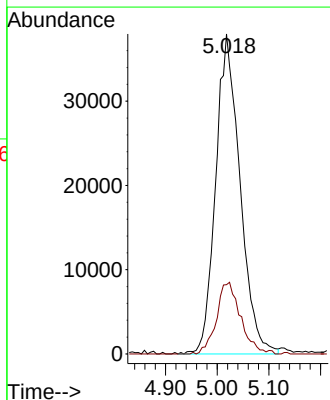
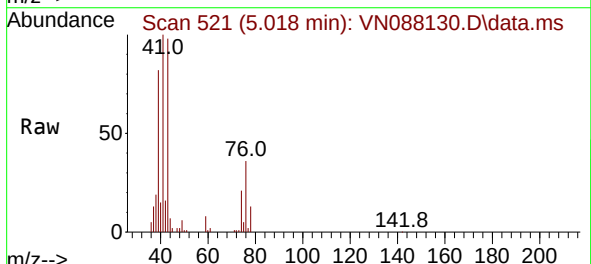
Manual Integrations  
APPROVED

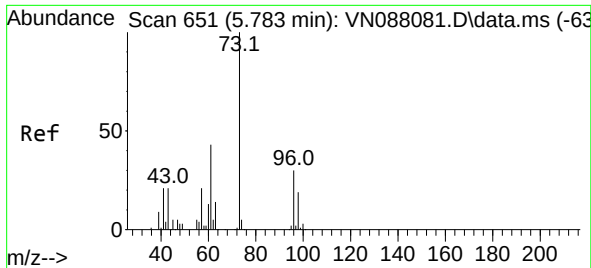
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#18  
Methyl Acetate  
Concen: 19.104 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 43 Resp: 124166  
Ion Ratio Lower Upper  
43 100  
74 22.2 17.6 26.4





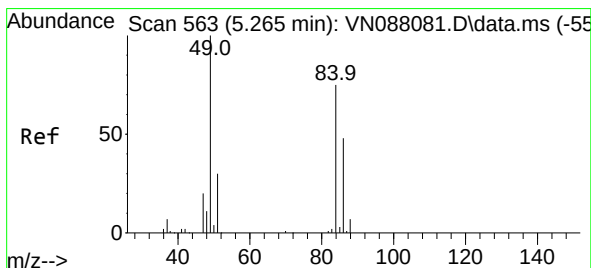
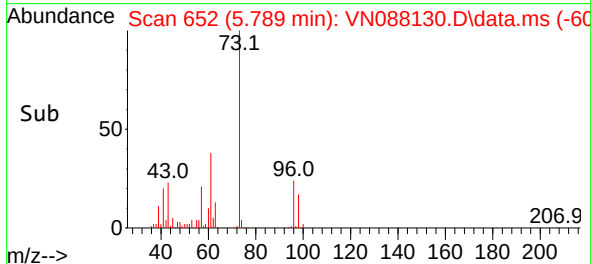
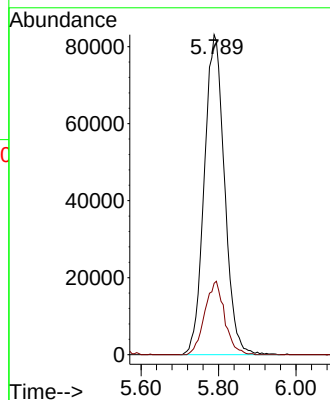
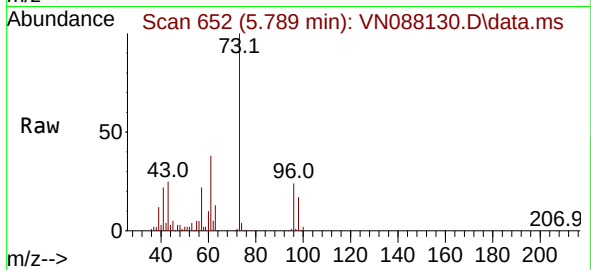
#19  
Methyl tert-butyl Ether  
Concen: 17.876 ug/l  
RT: 5.789 min Scan# 651  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion: 73 Resp: 301534  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.4 27.6

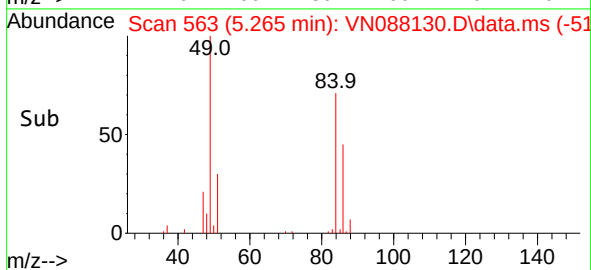
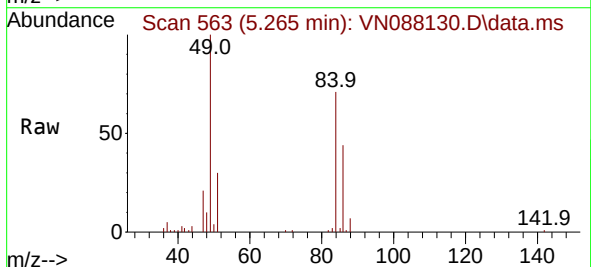
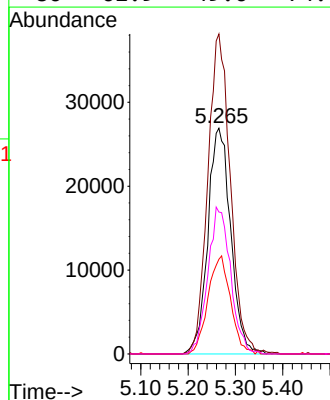
Manual Integrations  
APPROVED

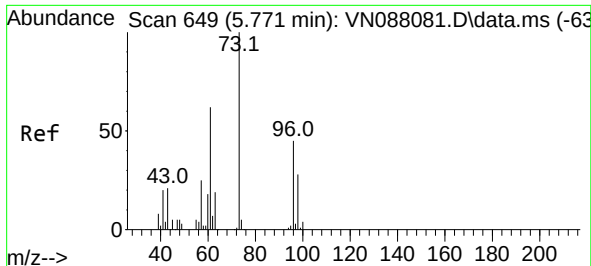
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#20  
Methylene Chloride  
Concen: 18.725 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

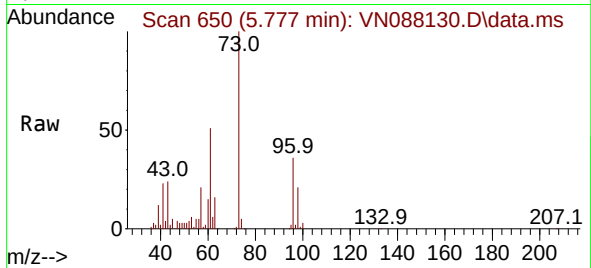
Tgt Ion: 84 Resp: 90099  
Ion Ratio Lower Upper  
84 100  
49 141.7 103.4 155.2  
51 42.0 33.8 50.8  
86 62.9 49.6 74.4





#21  
trans-1,2-Dichloroethene  
Concen: 16.416 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

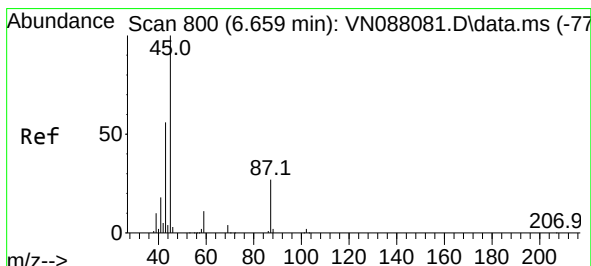
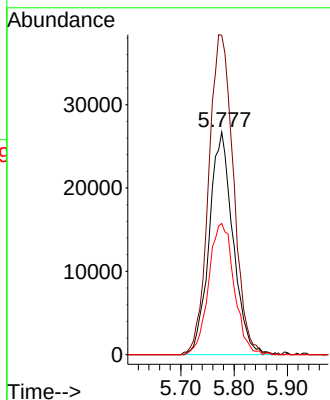
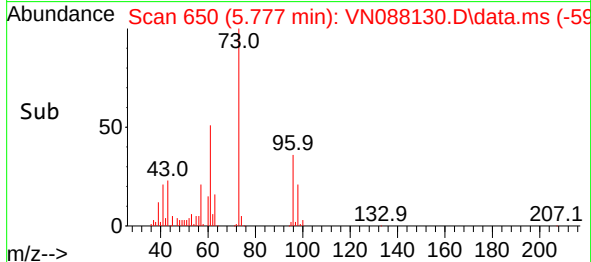
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 96 Resp: 8276  
Ion Ratio Lower Upper  
96 100  
61 143.5 118.0 177.0  
98 59.0 50.0 75.0

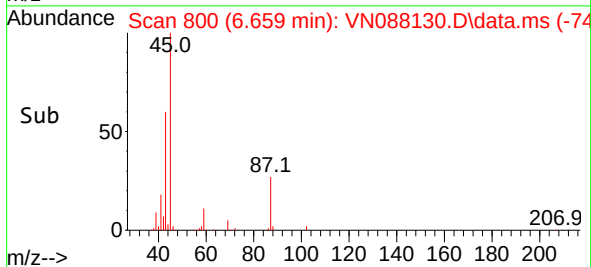
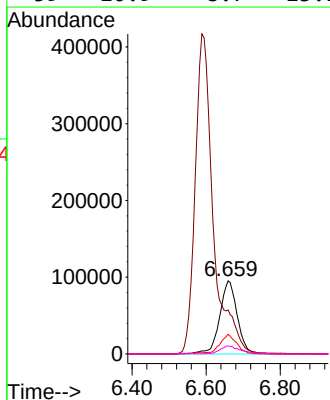
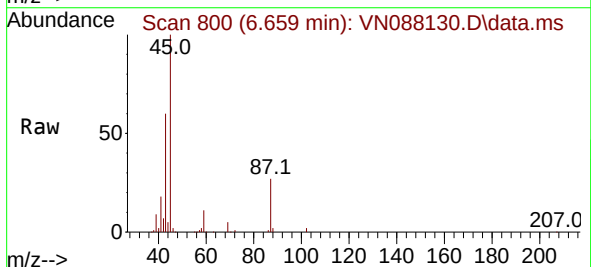
Manual Integrations  
APPROVED

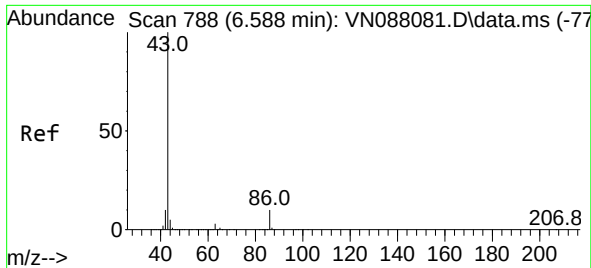
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#22  
Diisopropyl ether  
Concen: 18.449 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 45 Resp: 312361  
Ion Ratio Lower Upper  
45 100  
43 59.7 47.7 71.5  
87 26.9 21.4 32.0  
59 10.9 8.7 13.1





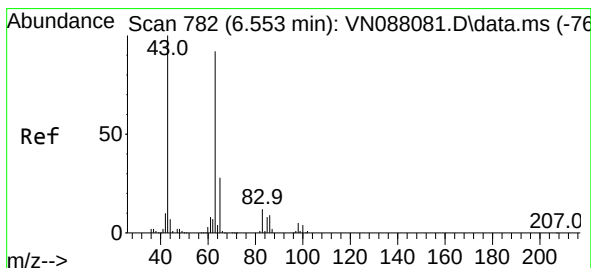
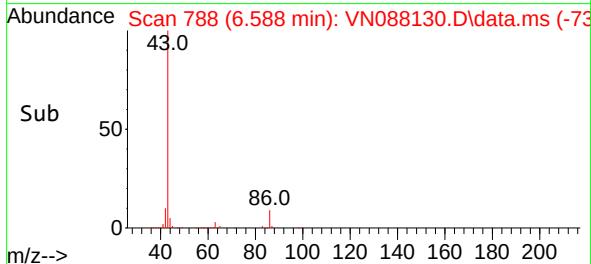
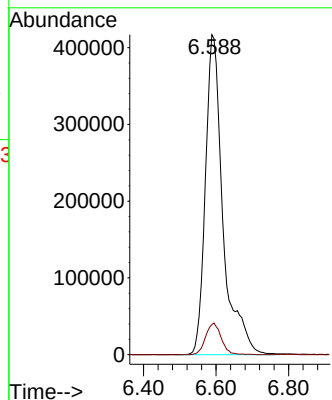
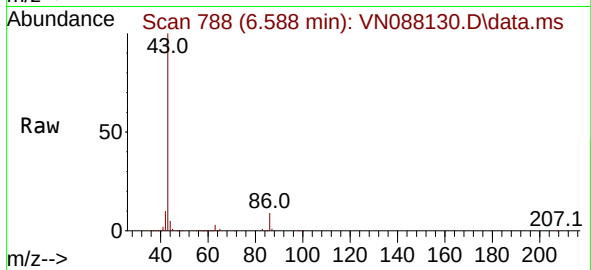
#23  
 Vinyl Acetate  
 Concen: 92.106 ug/l  
 RT: 6.588 min Scan# 788  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01

Tgt Ion: 43 Resp: 140475  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 8.2 12.4

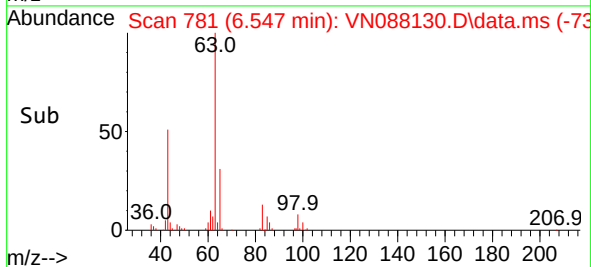
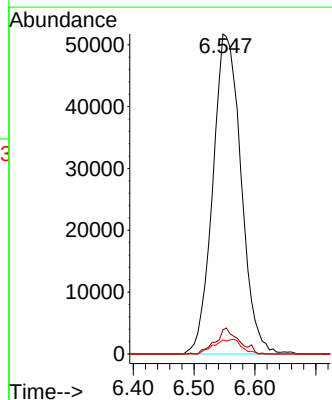
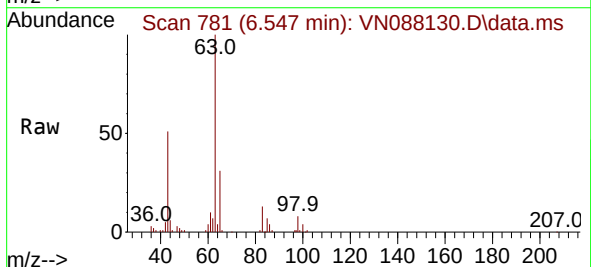
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 10/29/2025  
 Supervised By :Semsettin Yesilyurt 10/29/2025

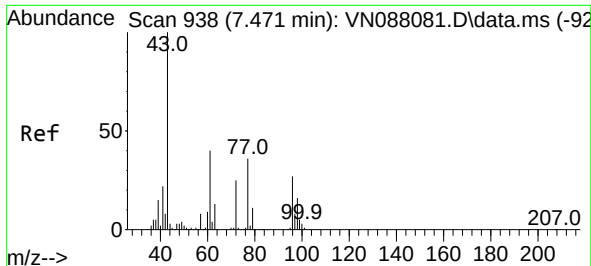


#24  
 1,1-Dichloroethane  
 Concen: 17.777 ug/l  
 RT: 6.547 min Scan# 781  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Tgt Ion: 63 Resp: 166726  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.8 11.4  
 100 4.4 2.0 6.0

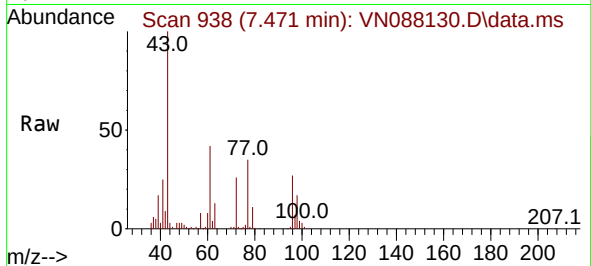






#25  
2-Butanone  
Concen: 92.880 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

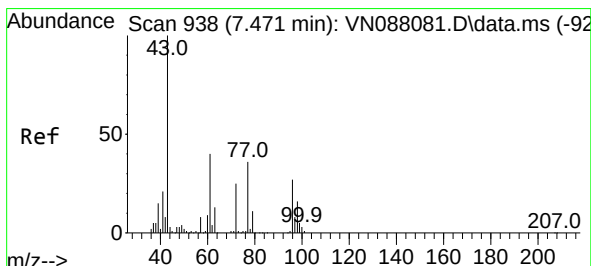
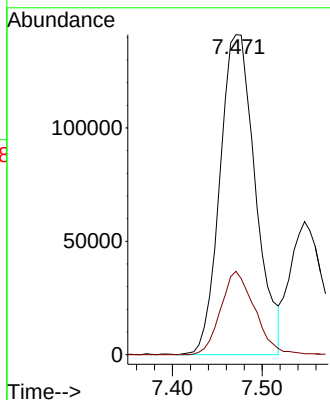
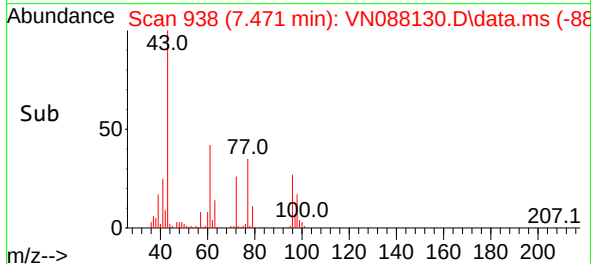
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 43 Resp: 388592  
Ion Ratio Lower Upper  
43 100  
72 26.1 19.9 29.9

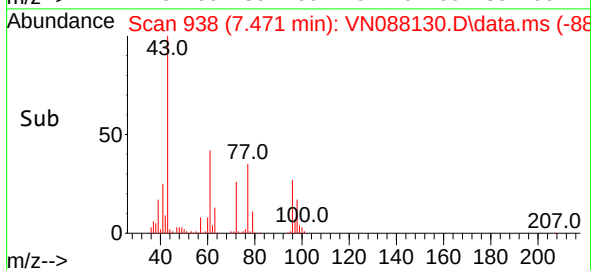
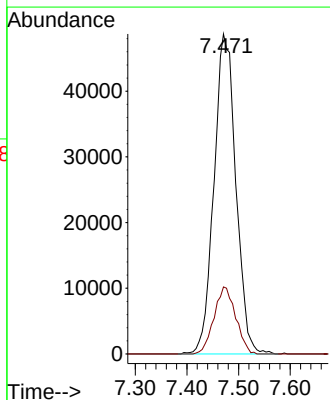
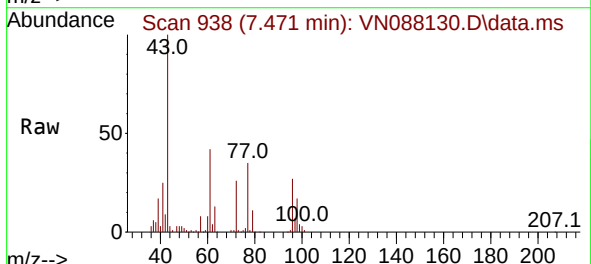
Manual Integrations  
APPROVED

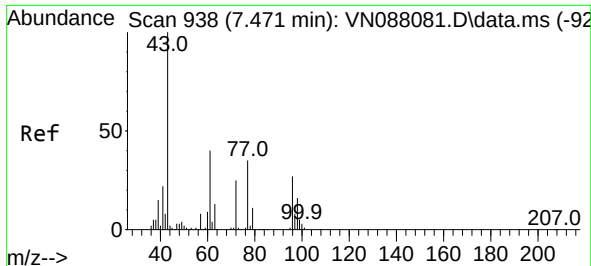
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#26  
2,2-Dichloropropane  
Concen: 16.797 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 77 Resp: 143162  
Ion Ratio Lower Upper  
77 100  
97 20.7 10.9 32.7





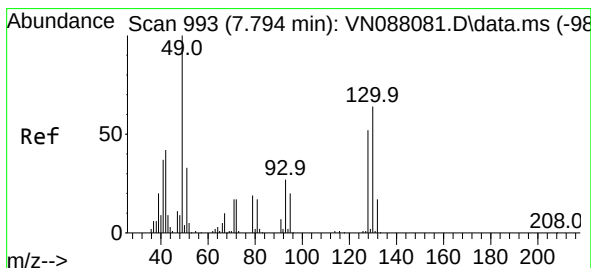
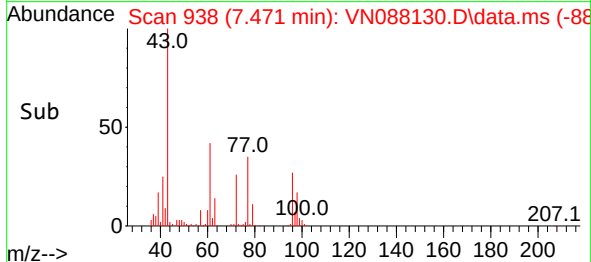
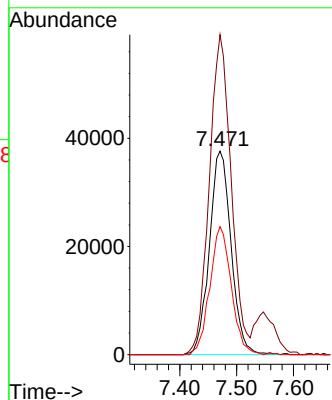
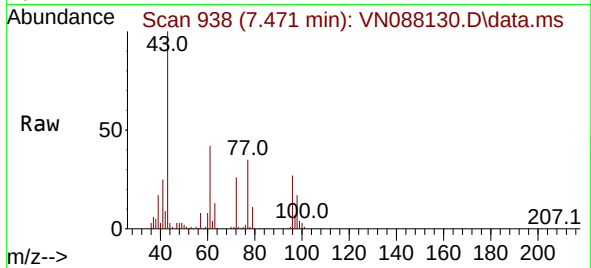
#27  
 cis-1,2-Dichloroethene  
 Concen: 17.244 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01

Tgt Ion: 96 Resp: 100090  
 Ion Ratio Lower Upper  
 96 100  
 61 157.7 0.0 301.8  
 98 61.9 0.0 126.2

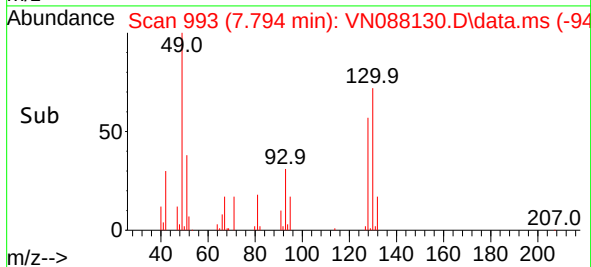
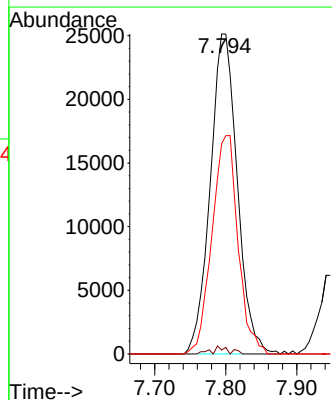
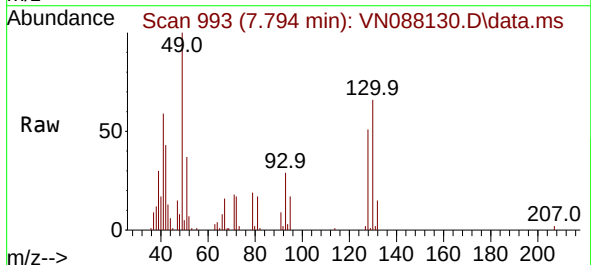
Manual Integrations  
 APPROVED

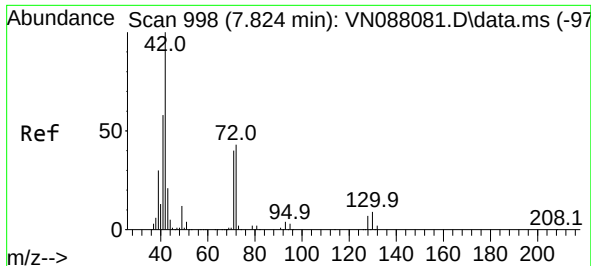
Reviewed By :John Carlone 10/29/2025  
 Supervised By :Semsettin Yesilyurt 10/29/2025



#28  
 Bromochloromethane  
 Concen: 15.026 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. -0.006 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

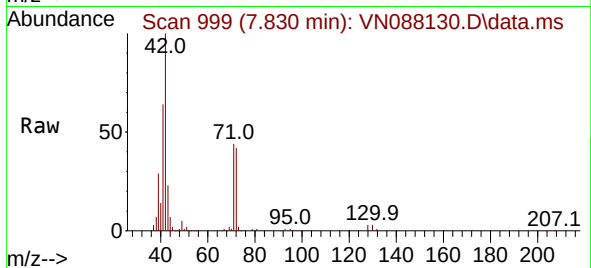
Tgt Ion: 49 Resp: 66588  
 Ion Ratio Lower Upper  
 49 100  
 129 1.1 0.0 3.0  
 130 65.6 53.1 79.7





#29  
Tetrahydrofuran  
Concen: 89.730 ug/l  
RT: 7.830 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

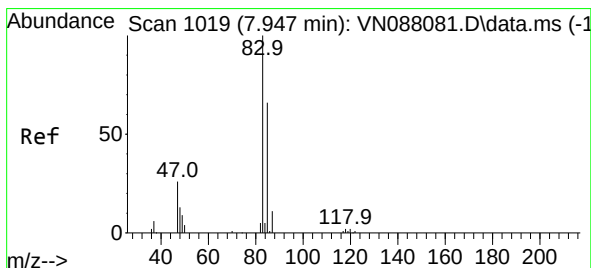
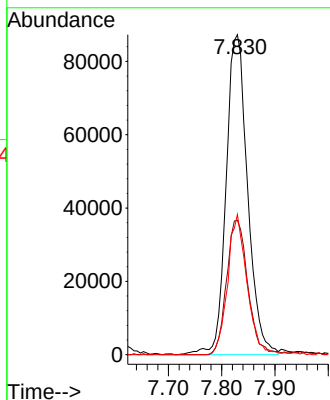
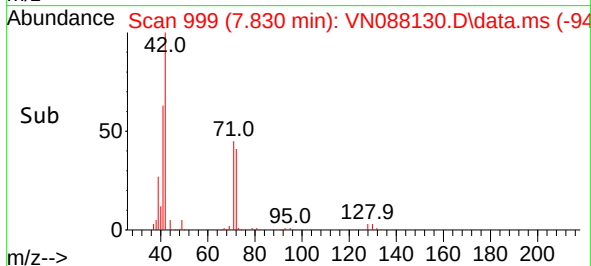
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 42 Resp: 244660  
Ion Ratio Lower Upper  
42 100  
72 41.7 33.7 50.5  
71 39.6 31.9 47.9

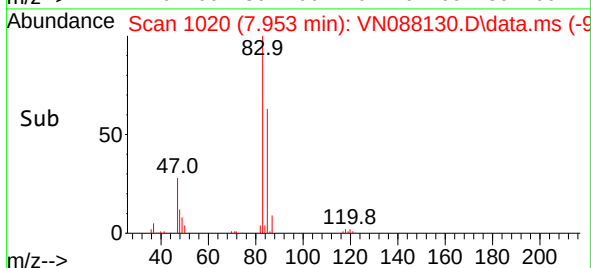
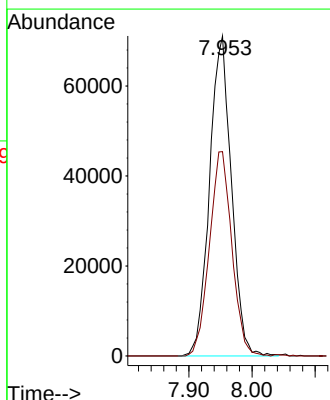
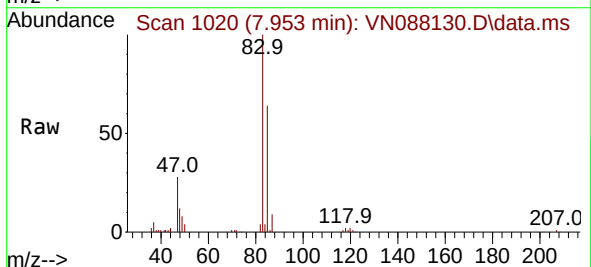
Manual Integrations  
APPROVED

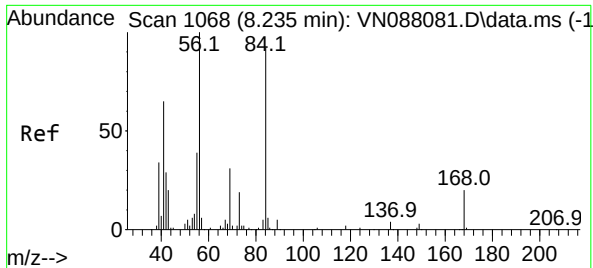
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#30  
Chloroform  
Concen: 18.224 ug/l  
RT: 7.953 min Scan# 1020  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

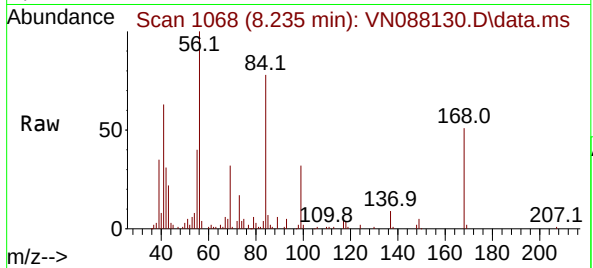
Tgt Ion: 83 Resp: 170756  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.7 76.1





#31  
Cyclohexane  
Concen: 17.000 ug/l  
RT: 8.235 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

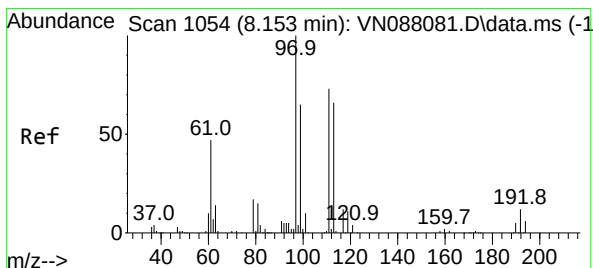
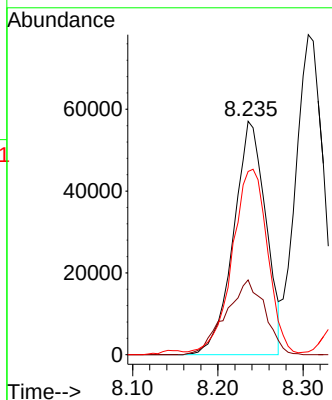
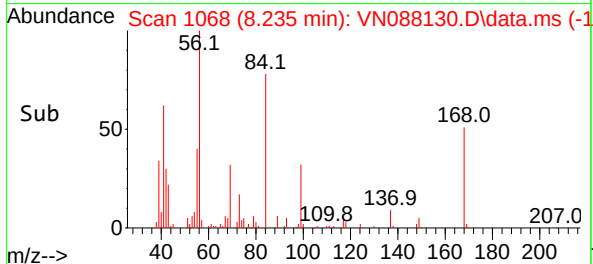
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 56 Resp: 150374  
Ion Ratio Lower Upper  
56 100  
69 32.0 23.7 35.5  
84 76.8 64.7 97.1

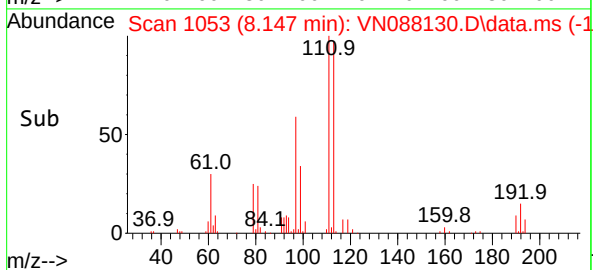
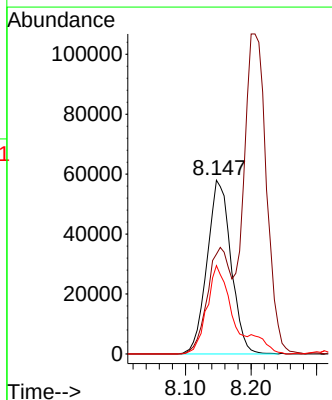
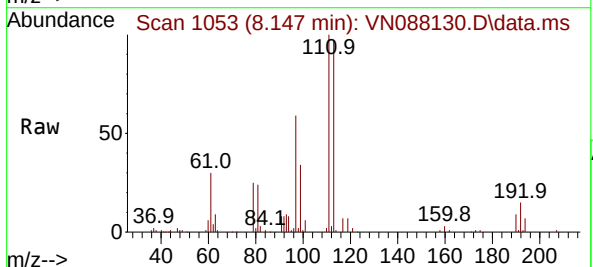
Manual Integrations  
APPROVED

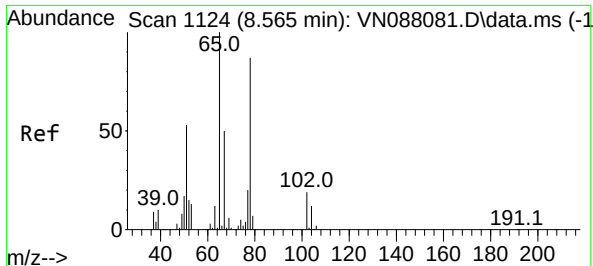
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#32  
1,1,1-Trichloroethane  
Concen: 17.597 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 97 Resp: 146848  
Ion Ratio Lower Upper  
97 100  
99 58.4 52.2 78.2  
61 50.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 52.917 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1028WBS01

Tgt Ion: 65 Resp: 334399

Ion Ratio Lower Upper

65 100

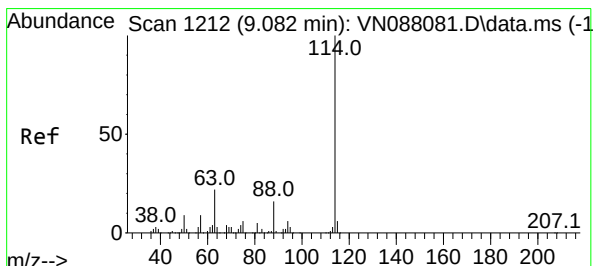
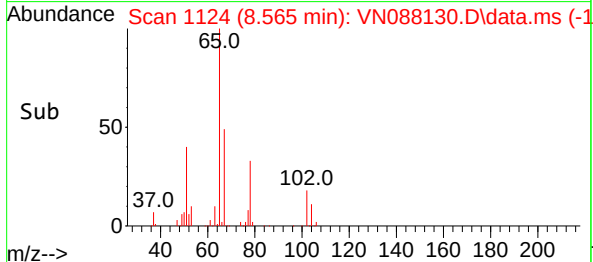
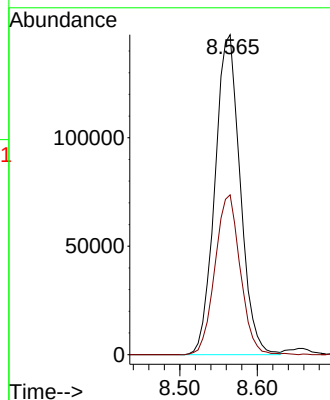
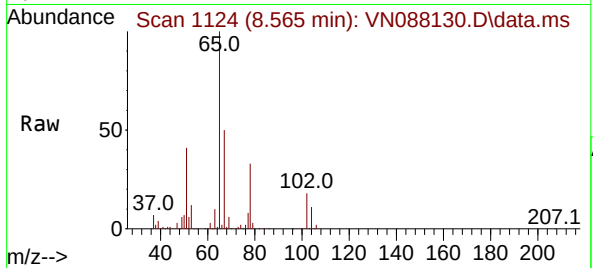
67 50.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

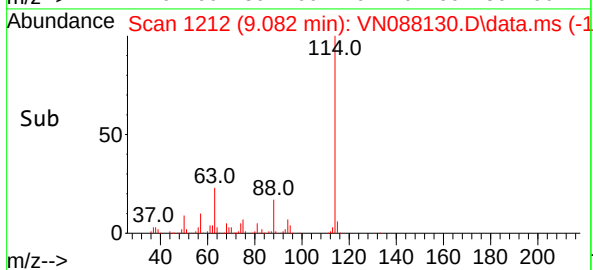
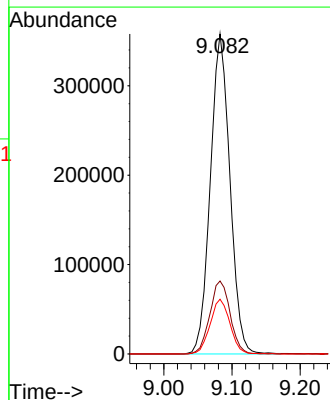
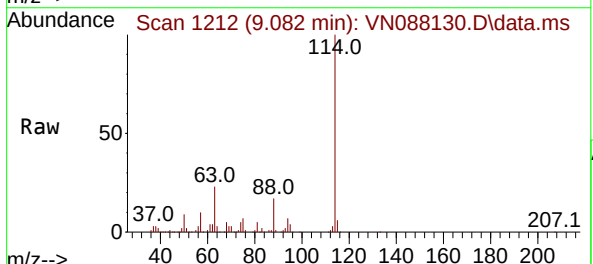
Tgt Ion:114 Resp: 715516

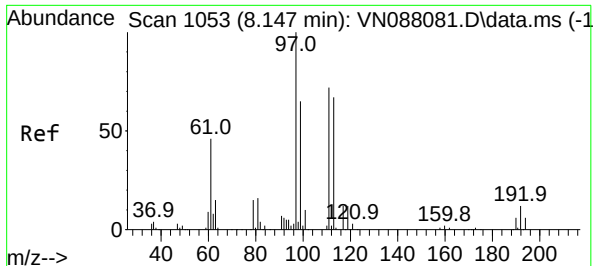
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.2

88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.443 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1028WBS01

Tgt Ion: 113 Resp: 22805

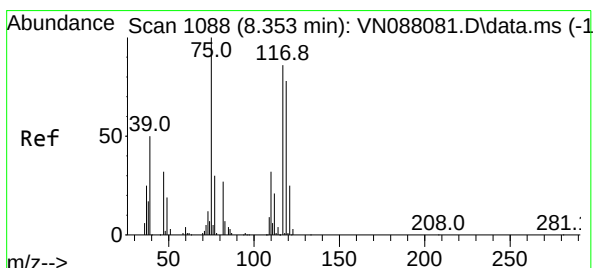
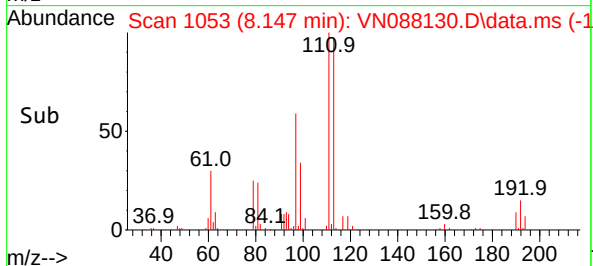
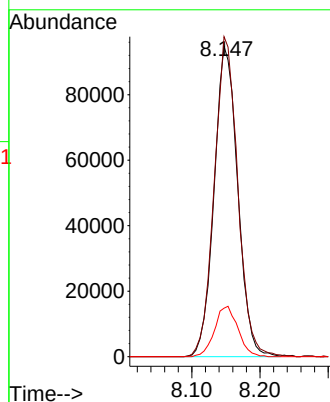
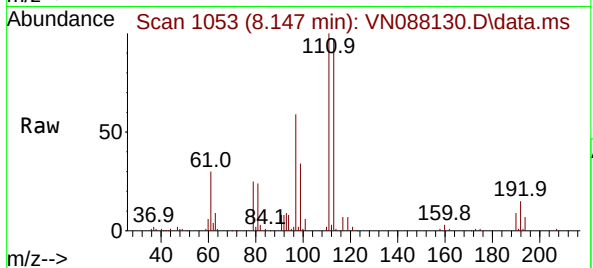
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.8 | 82.8  | 124.2 |
| 192 | 16.1  | 12.8  | 19.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#36

1,1-Dichloropropene

Concen: 16.624 ug/l

RT: 8.353 min Scan# 1088

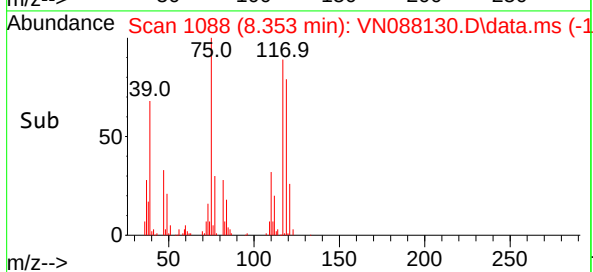
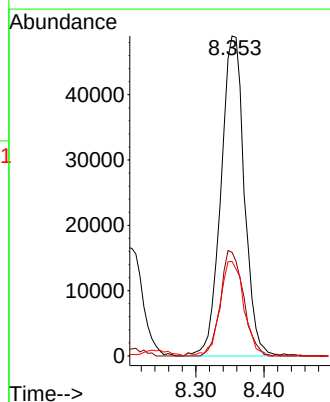
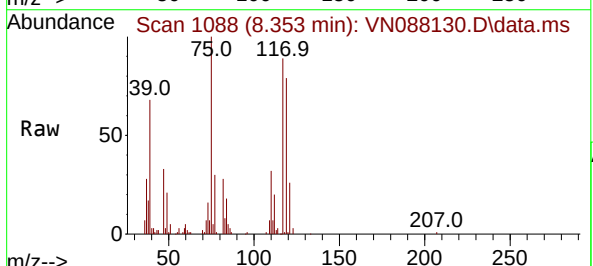
Delta R.T. -0.000 min

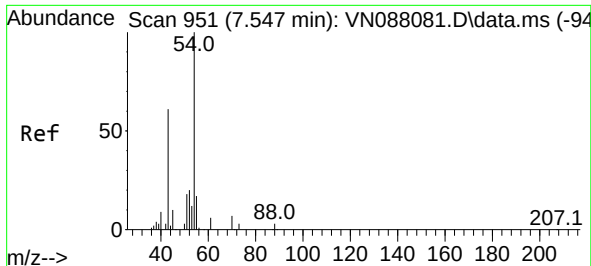
Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Tgt Ion: 75 Resp: 116680

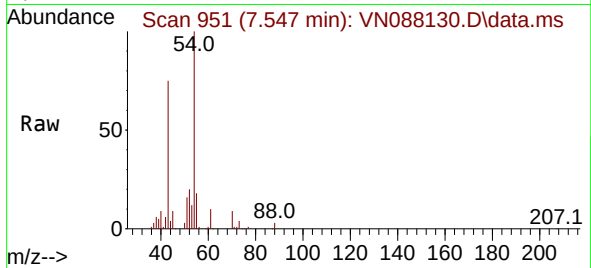
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 32.4  | 15.9  | 47.6  |
| 77  | 30.6  | 24.4  | 36.6  |





#37  
Ethyl Acetate  
Concen: 17.101 ug/l  
RT: 7.547 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

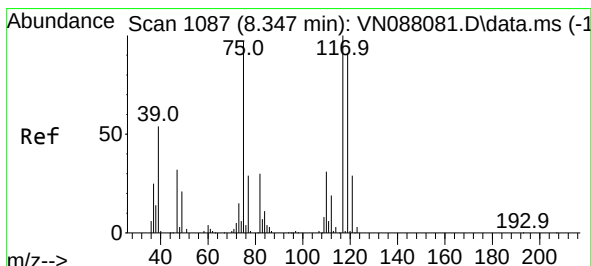
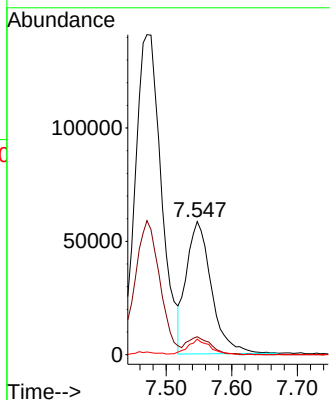
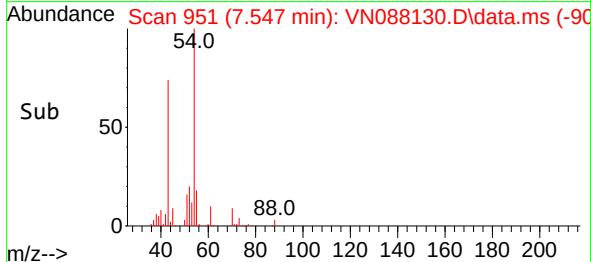
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 43 Resp: 154894  
Ion Ratio Lower Upper  
43 100  
61 12.6 9.3 13.9  
70 10.5 7.0 10.6

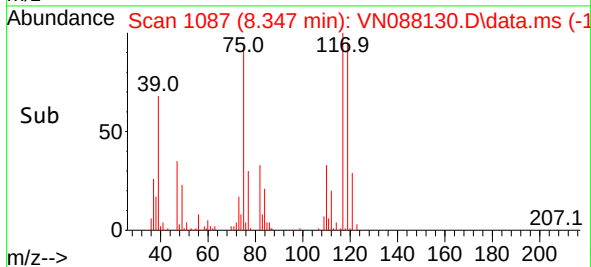
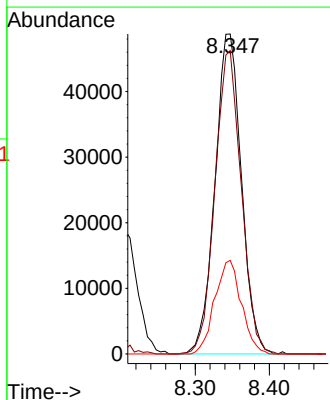
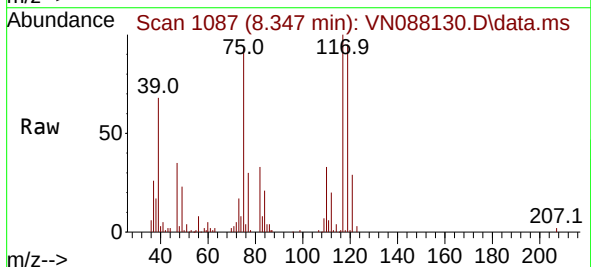
Manual Integrations  
APPROVED

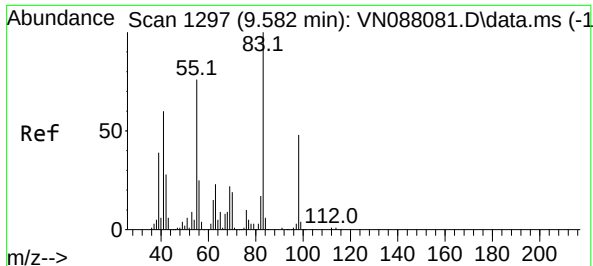
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#38  
Carbon Tetrachloride  
Concen: 16.646 ug/l  
RT: 8.347 min Scan# 1087  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

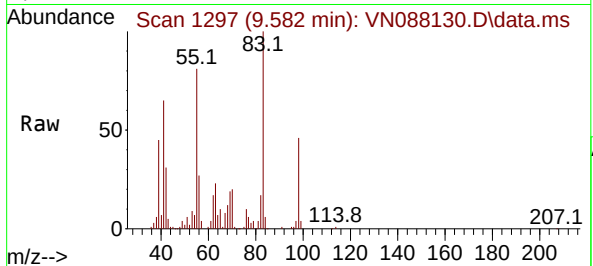
Tgt Ion:117 Resp: 120669  
Ion Ratio Lower Upper  
117 100  
119 94.8 79.0 118.6  
121 29.2 25.0 37.6





#39  
Methylcyclohexane  
Concen: 15.345 ug/l  
RT: 9.582 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

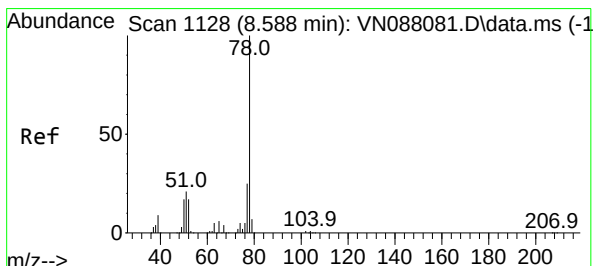
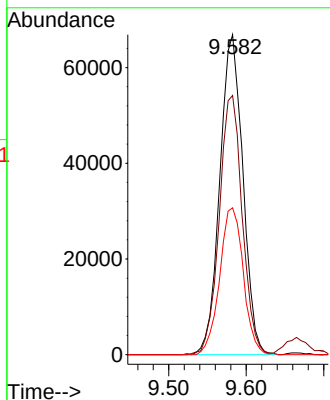
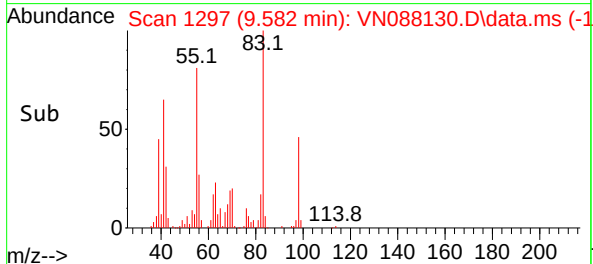
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 83 Resp: 138438  
Ion Ratio Lower Upper  
83 100  
55 81.0 64.6 96.8  
98 45.9 38.4 57.6

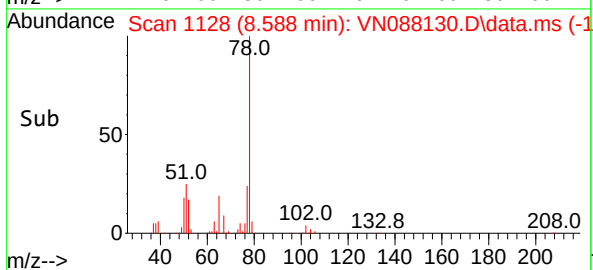
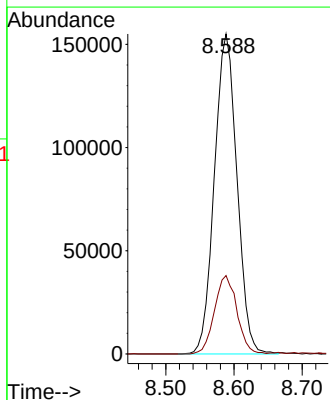
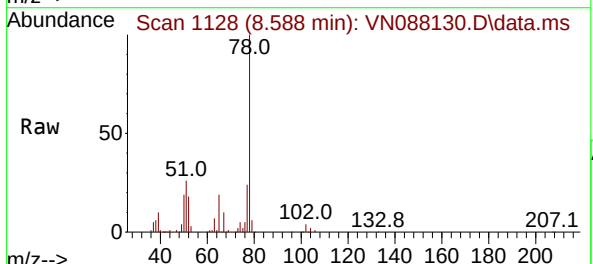
Manual Integrations  
APPROVED

Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

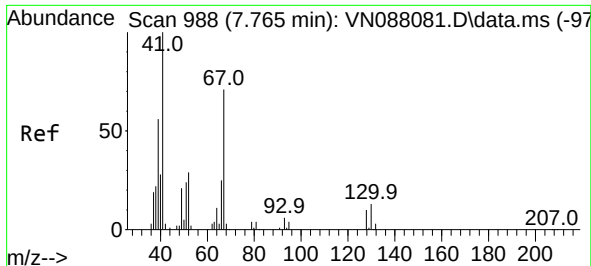


#40  
Benzene  
Concen: 16.703 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 78 Resp: 357031  
Ion Ratio Lower Upper  
78 100  
77 24.5 19.7 29.5







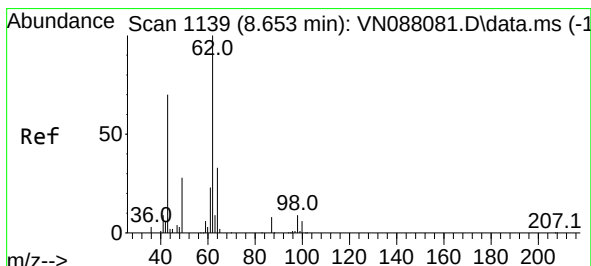
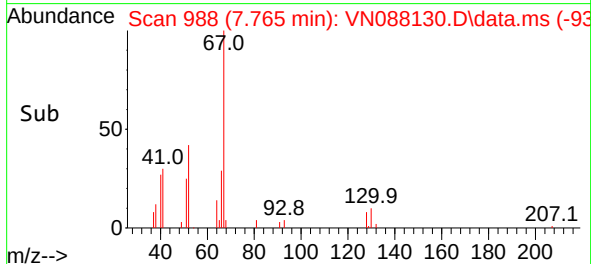
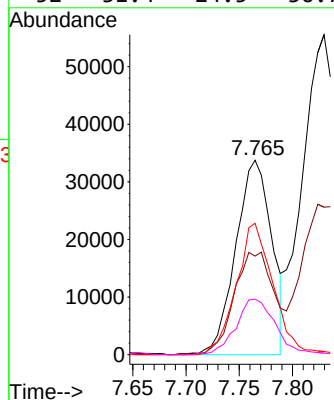
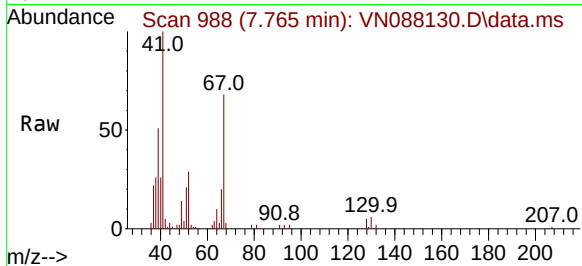
#41  
Methacrylonitrile  
Concen: 16.651 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7937  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 60.5  | 45.4  | 68.0  |
| 67       | 69.5  | 55.3  | 82.9  |
| 52       | 31.4  | 24.5  | 36.7  |

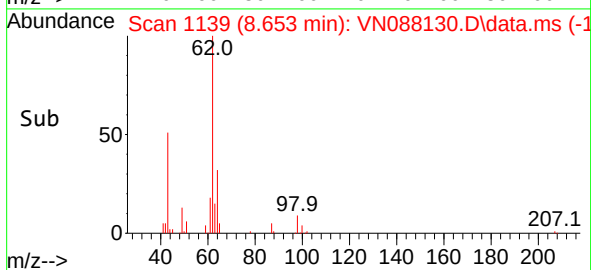
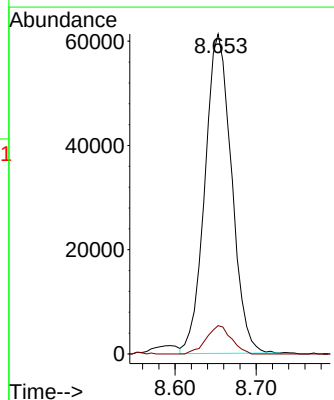
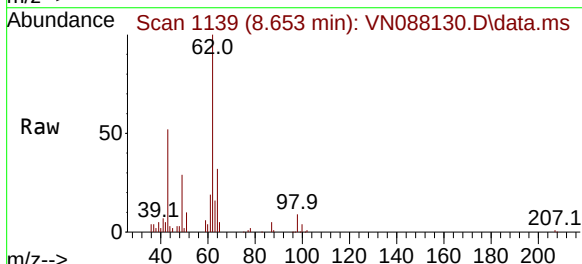
Manual Integrations  
APPROVED

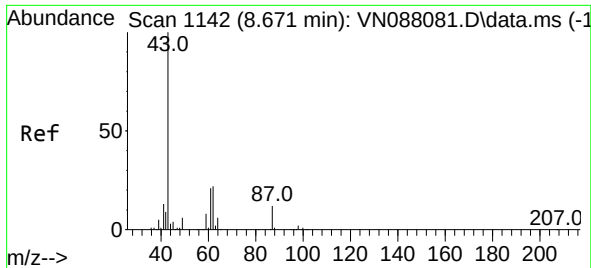
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#42  
1,2-Dichloroethane  
Concen: 18.378 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

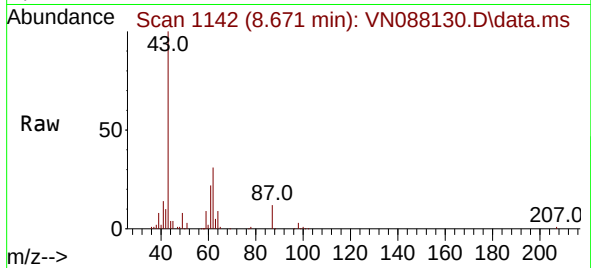
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 139579 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.3   | 0.0   | 17.4   |





#43  
Isopropyl Acetate  
Concen: 17.621 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

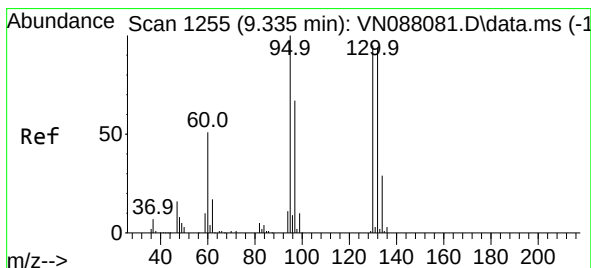
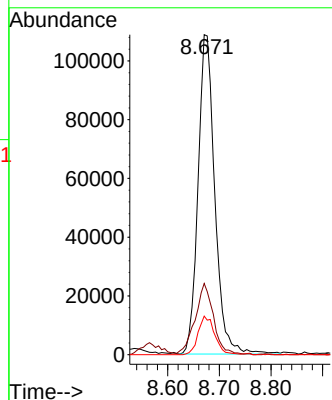
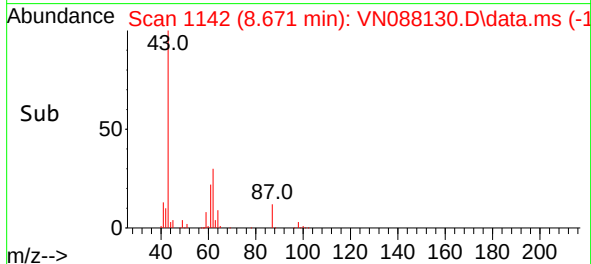
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 43 Resp: 245248  
Ion Ratio Lower Upper  
43 100  
61 23.9 18.8 28.2  
87 11.9 9.6 14.4

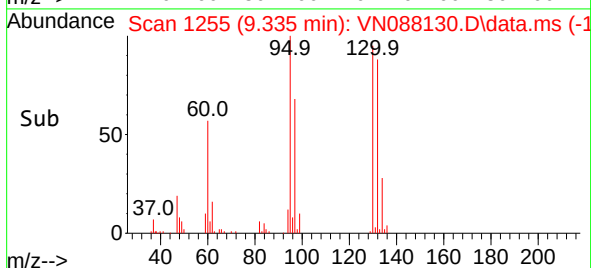
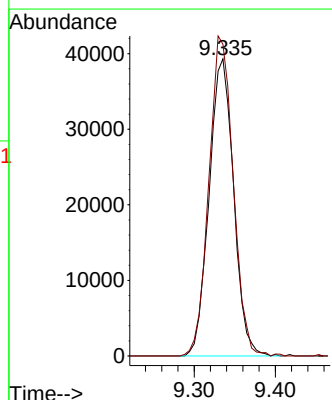
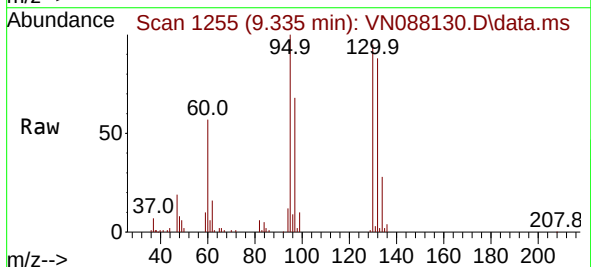
Manual Integrations  
APPROVED

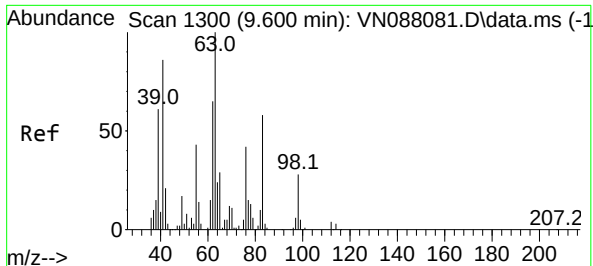
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#44  
Trichloroethene  
Concen: 16.491 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion:130 Resp: 82393  
Ion Ratio Lower Upper  
130 100  
95 105.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.284 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1028WBS01

Tgt Ion: 63 Resp: 9326

Ion Ratio Lower Upper

63 100

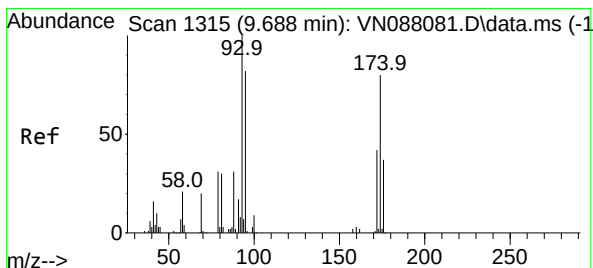
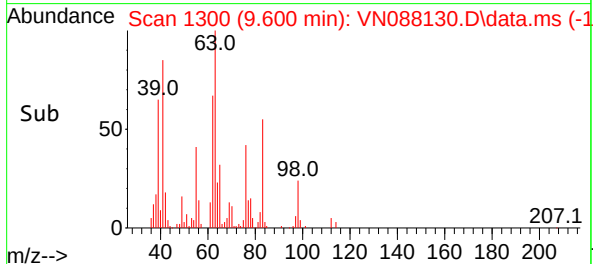
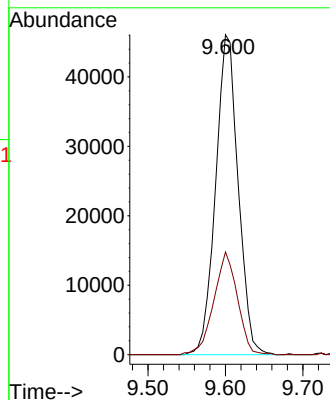
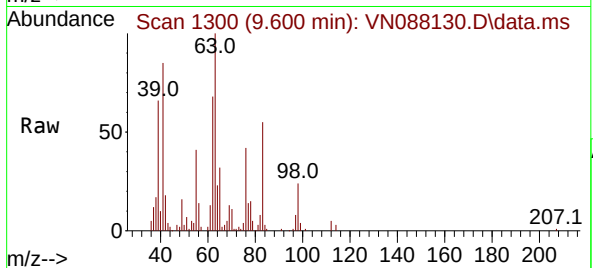
65 32.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#46

Dibromomethane

Concen: 17.571 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

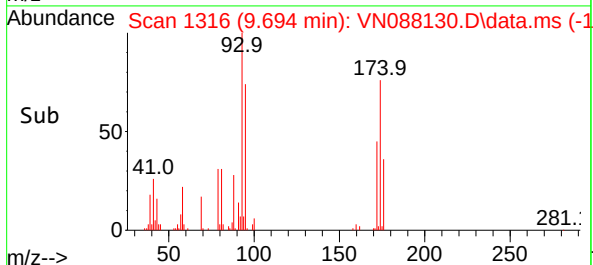
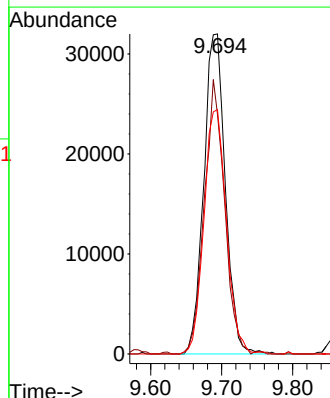
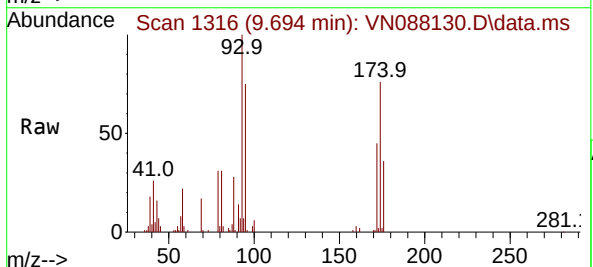
Tgt Ion: 93 Resp: 67626

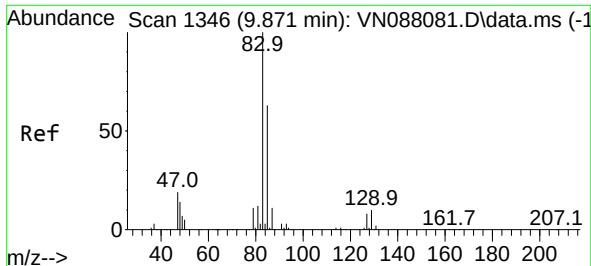
Ion Ratio Lower Upper

93 100

95 80.4 66.2 99.4

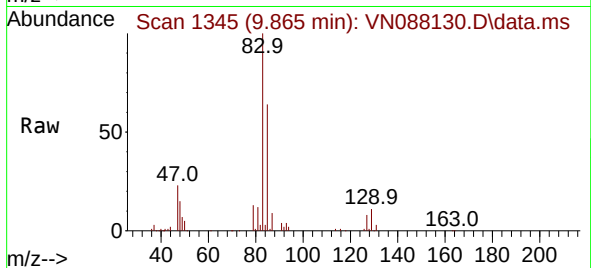
174 79.7 63.4 95.2





#47  
Bromodichloromethane  
Concen: 17.064 ug/l  
RT: 9.865 min Scan# 13148  
Delta R.T. -0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

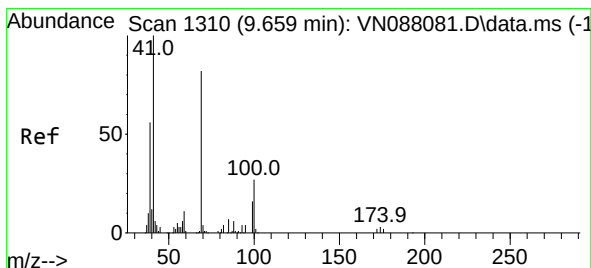
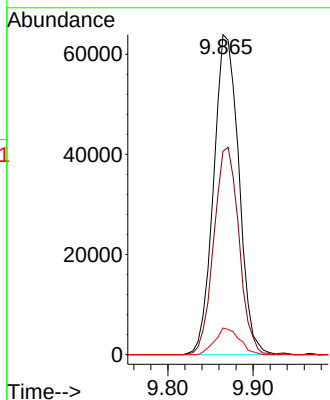
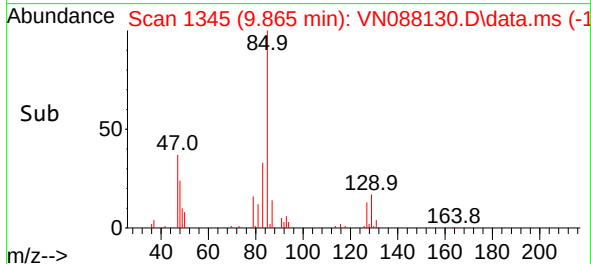
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 83 Resp: 13148  
Ion Ratio Lower Upper  
83 100  
85 63.6 52.5 78.7  
127 8.3 5.8 8.6

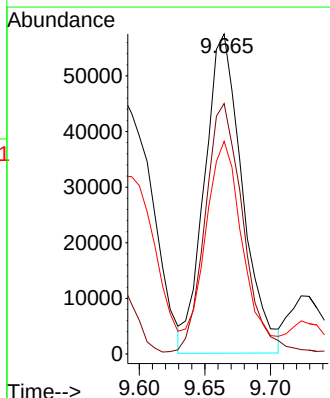
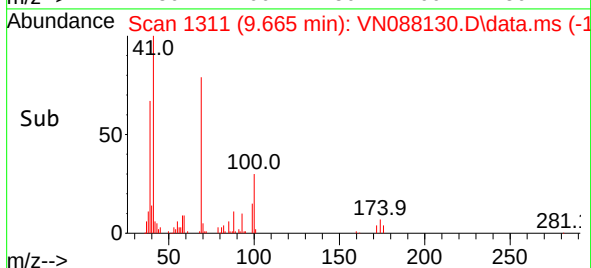
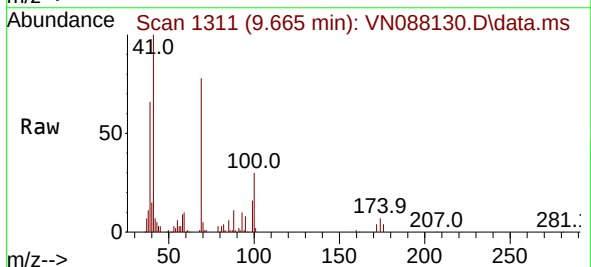
Manual Integrations  
APPROVED

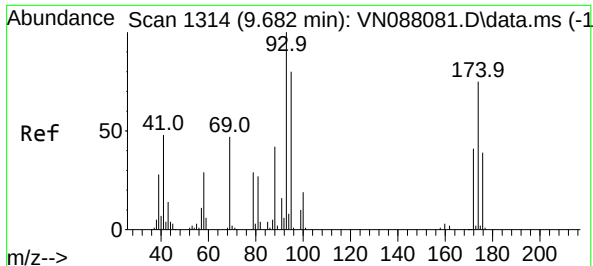
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#48  
Methyl methacrylate  
Concen: 17.934 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion: 41 Resp: 115238  
Ion Ratio Lower Upper  
41 100  
69 77.8 62.7 94.1  
39 65.7 52.9 79.3





#49

1,4-Dioxane

Concen: 384.899 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1028WBS01

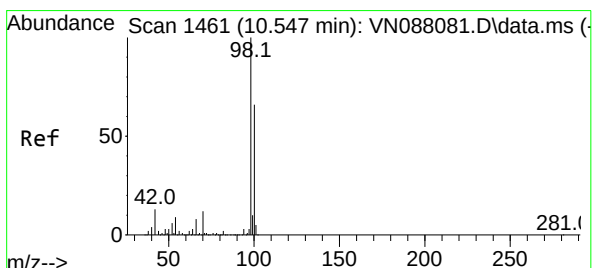
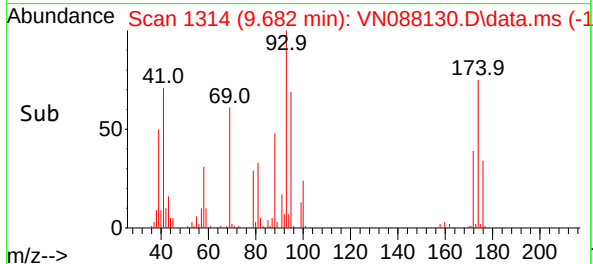
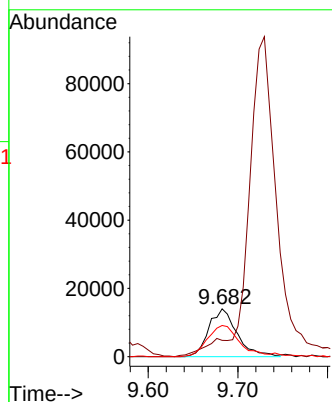
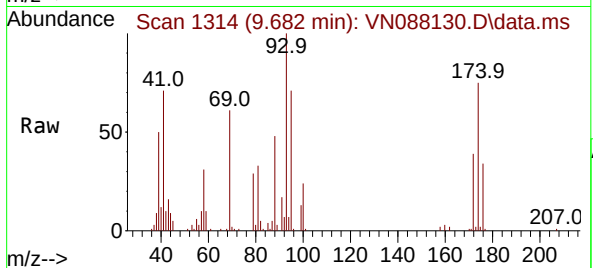
Tgt Ion: 88 Resp: 30760  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 0.0 0.0  
 58 72.9 57.9 86.9

Manual Integrations

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Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#50

Toluene-d8

Concen: 45.281 ug/l

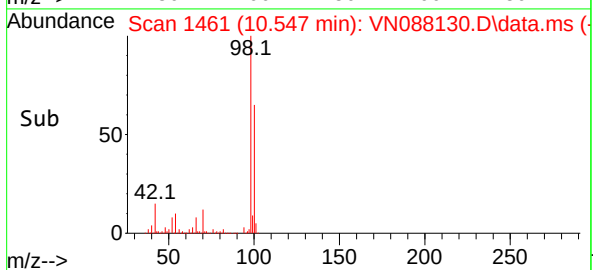
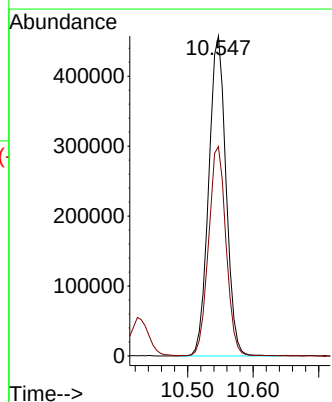
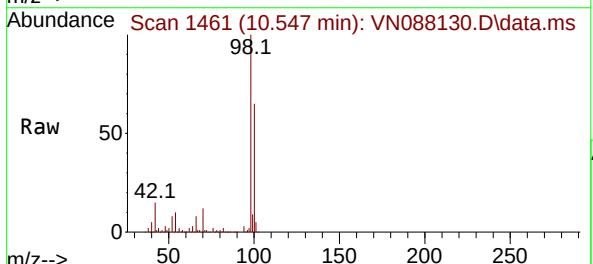
RT: 10.547 min Scan# 1461

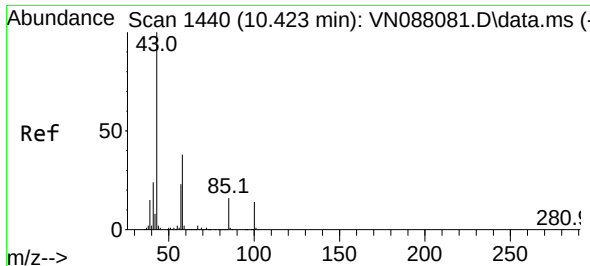
Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

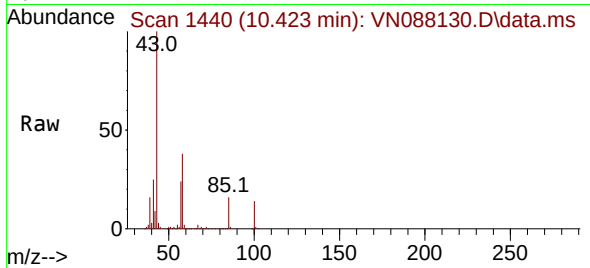
Tgt Ion: 98 Resp: 838687  
 Ion Ratio Lower Upper  
 98 100  
 100 65.8 52.8 79.2





#51  
4-Methyl-2-Pentanone  
Concen: 90.303 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

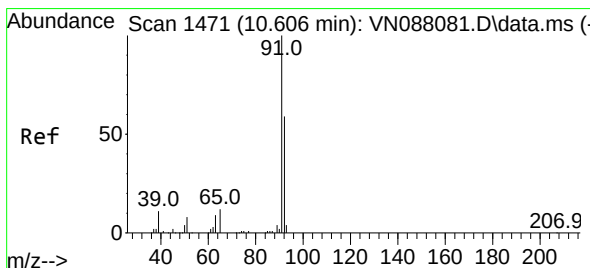
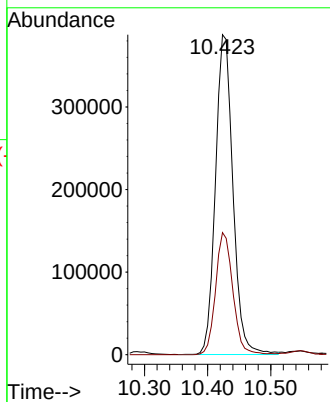
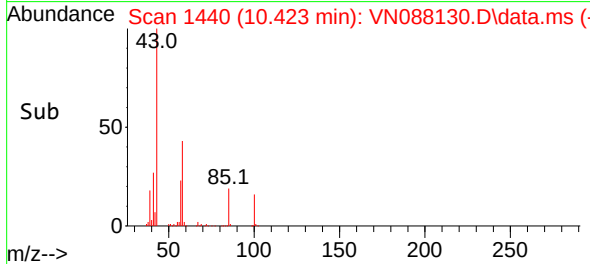
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 43 Resp: 743509  
Ion Ratio Lower Upper  
43 100  
58 37.6 29.6 44.4

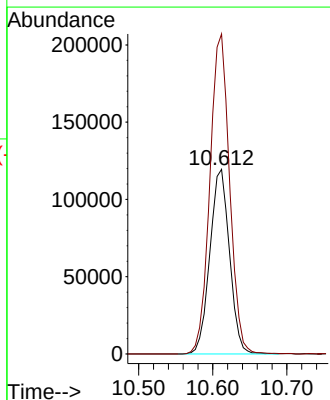
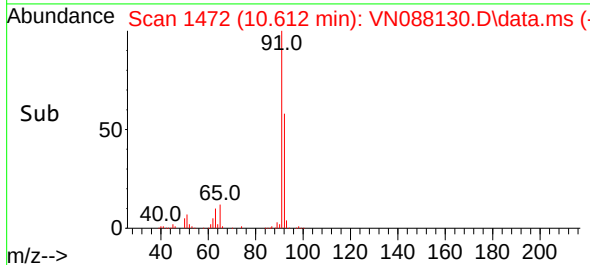
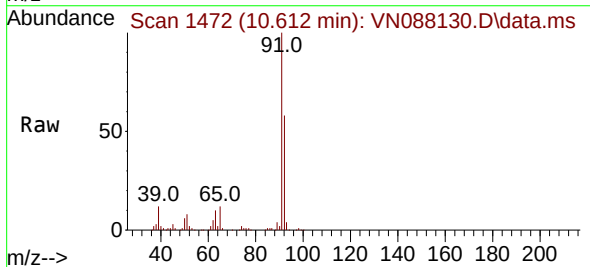
Manual Integrations  
APPROVED

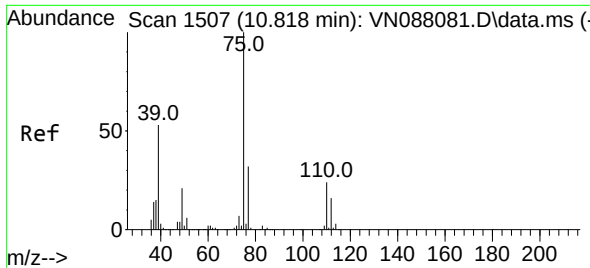
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#52  
Toluene  
Concen: 16.674 ug/l  
RT: 10.612 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

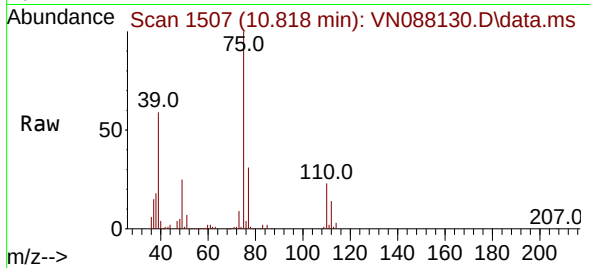
Tgt Ion: 92 Resp: 219734  
Ion Ratio Lower Upper  
92 100  
91 173.9 140.4 210.6





#53  
t-1,3-Dichloropropene  
Concen: 16.827 ug/l  
RT: 10.818 min Scan# 1507  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

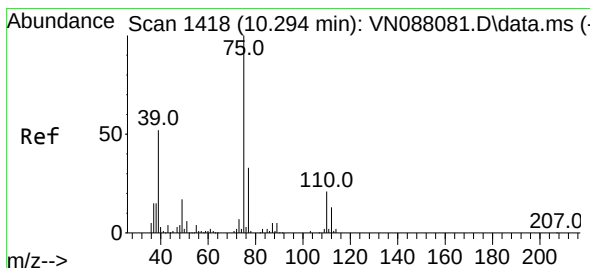
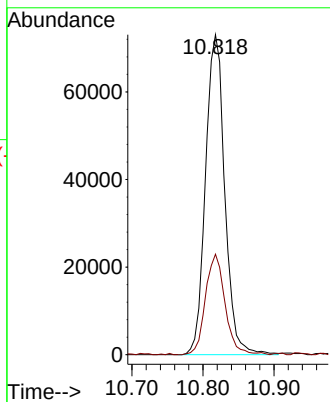
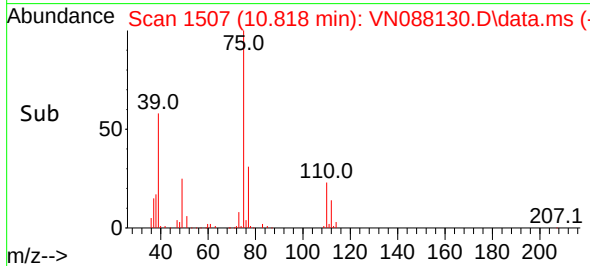
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



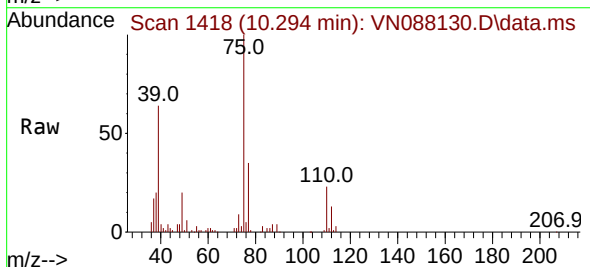
Tgt Ion: 75 Resp: 138002  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.2 37.8

Manual Integrations  
APPROVED

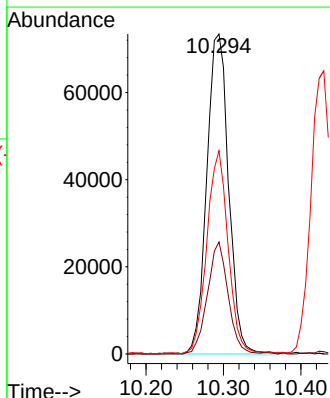
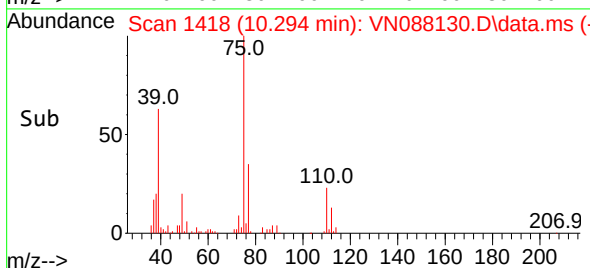
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

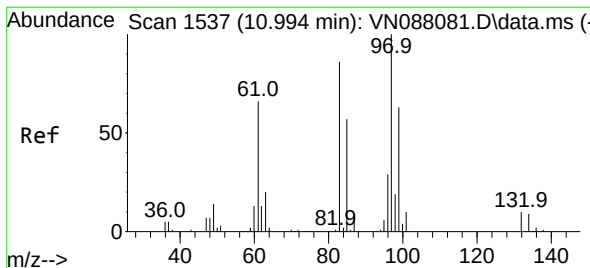


#54  
cis-1,3-Dichloropropene  
Concen: 16.518 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



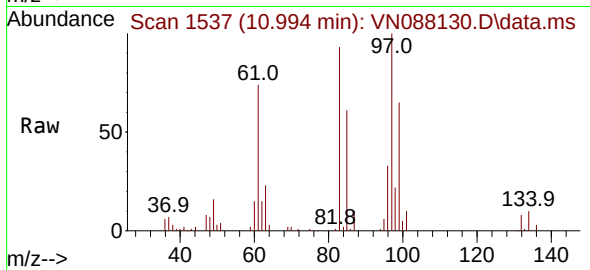
Tgt Ion: 75 Resp: 143745  
Ion Ratio Lower Upper  
75 100  
77 35.0 24.6 37.0  
39 63.5 45.2 67.8





#55  
1,1,2-Trichloroethane  
Concen: 16.646 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

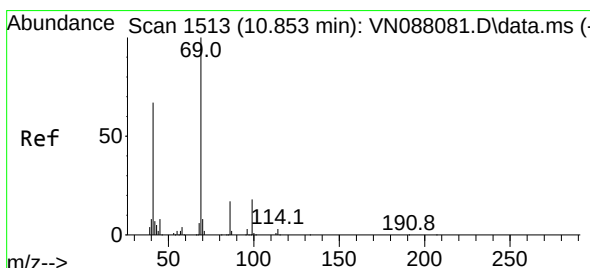
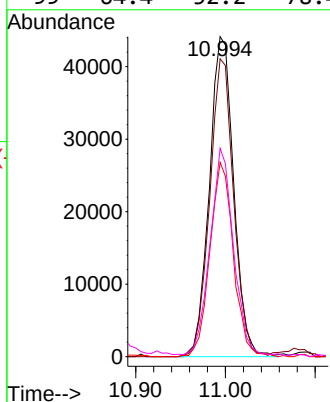
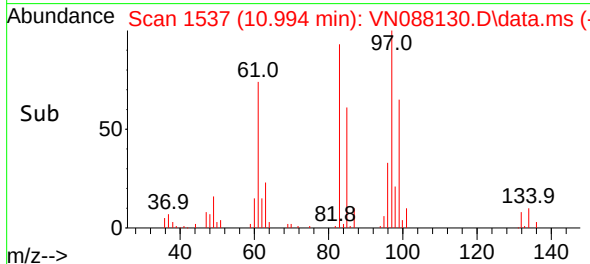


Tgt Ion: 97 Resp: 83220

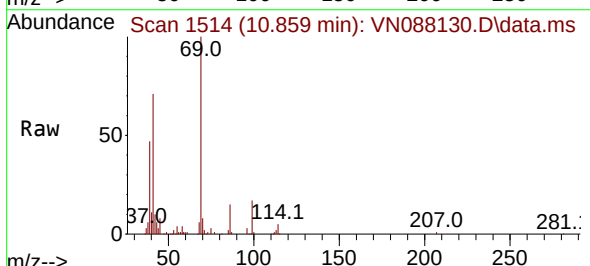
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 93.1  | 68.2  | 102.4 |
| 85  | 60.8  | 45.5  | 68.3  |
| 99  | 64.4  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

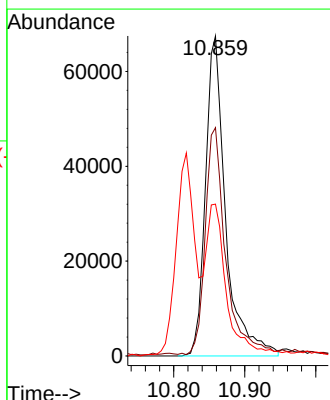
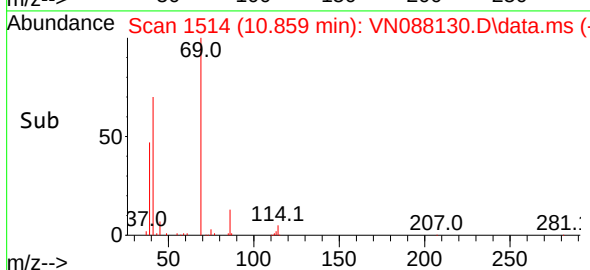


#56  
Ethyl methacrylate  
Concen: 16.849 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

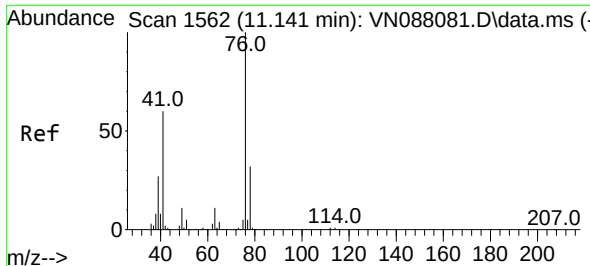


Tgt Ion: 69 Resp: 133316

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.4  | 56.5  | 84.7  |
| 39  | 48.5  | 34.2  | 51.4  |

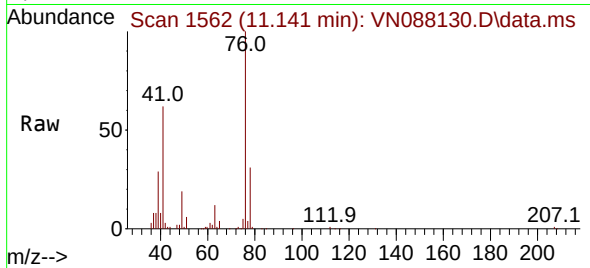






#57  
1,3-Dichloropropane  
Concen: 17.483 ug/l  
RT: 11.141 min Scan# 1562  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

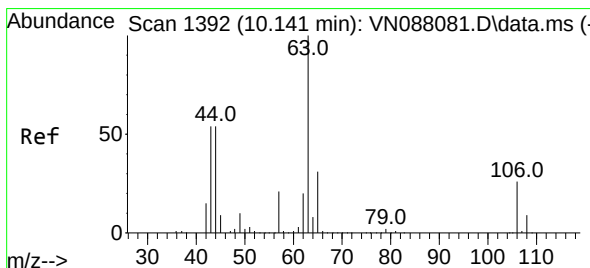
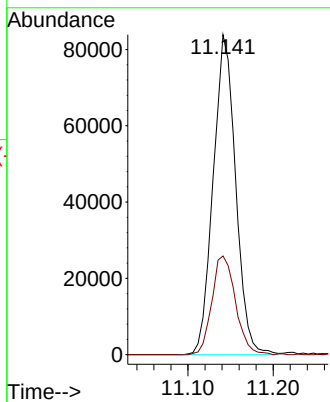
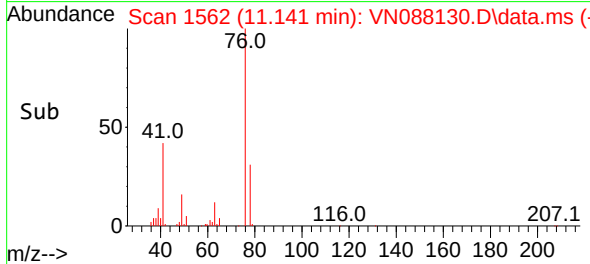
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 76 Resp: 153639  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.2 39.4

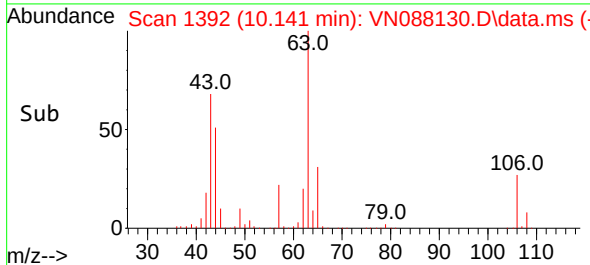
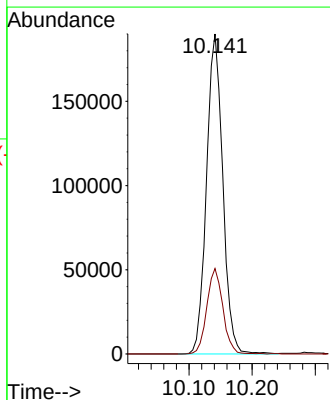
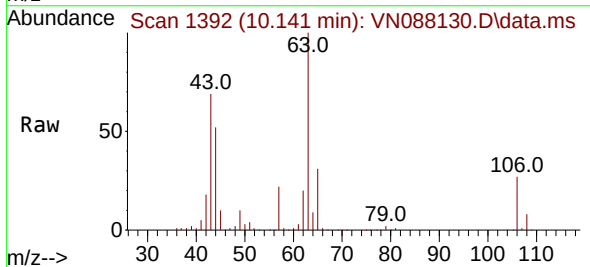
Manual Integrations  
APPROVED

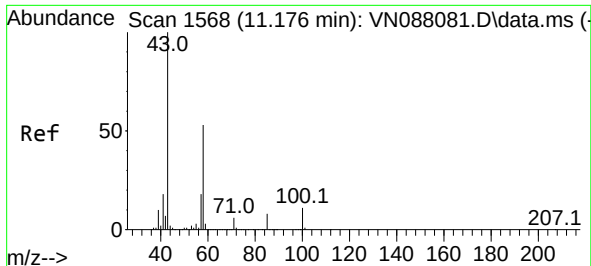
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#58  
2-Chloroethyl Vinyl ether  
Concen: 82.513 ug/l  
RT: 10.141 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

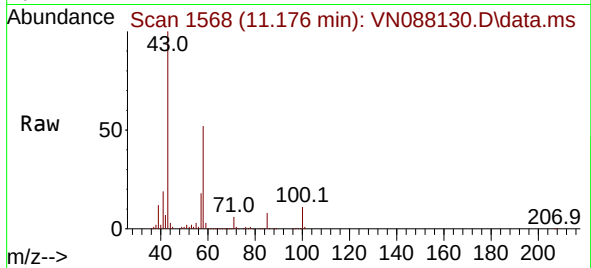
Tgt Ion: 63 Resp: 339590  
Ion Ratio Lower Upper  
63 100  
106 26.3 21.1 31.7





#59  
2-Hexanone  
Concen: 85.306 ug/l  
RT: 11.176 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

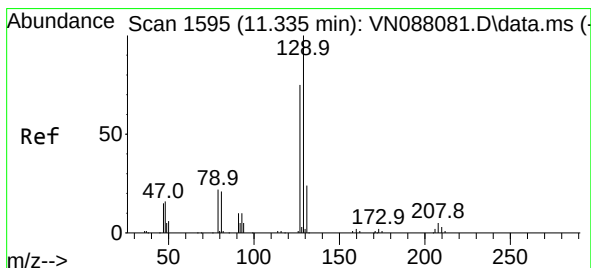
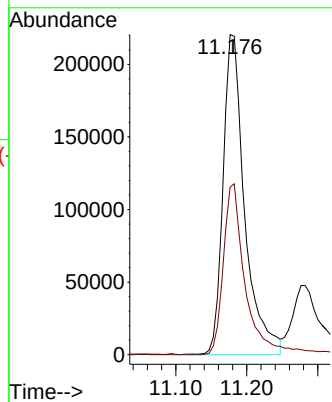
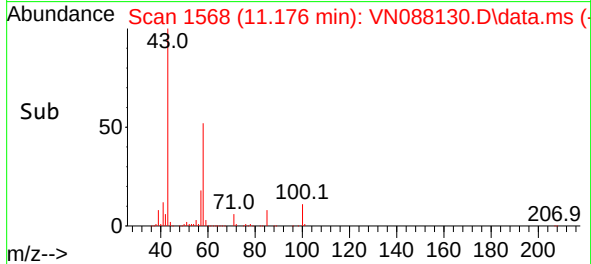
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 43 Resp: 465930  
Ion Ratio Lower Upper  
43 100  
58 55.1 25.9 77.8

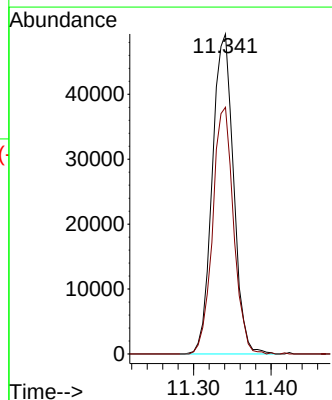
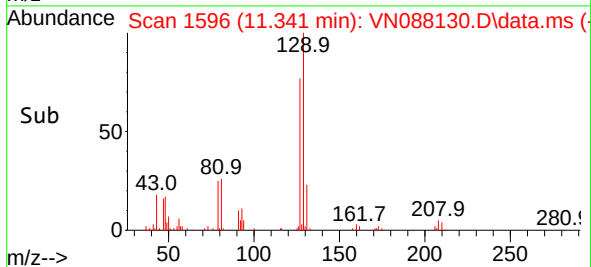
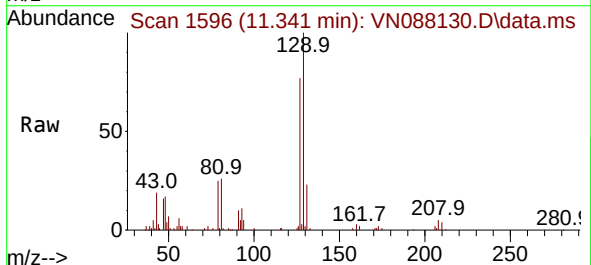
Manual Integrations  
APPROVED

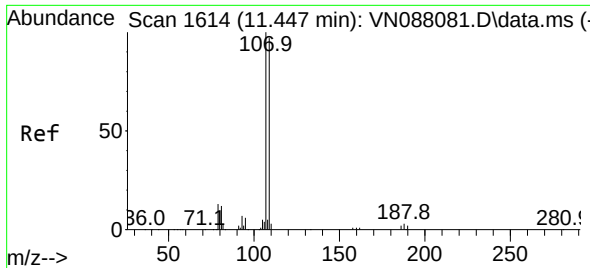
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#60  
Dibromochloromethane  
Concen: 16.489 ug/l  
RT: 11.341 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

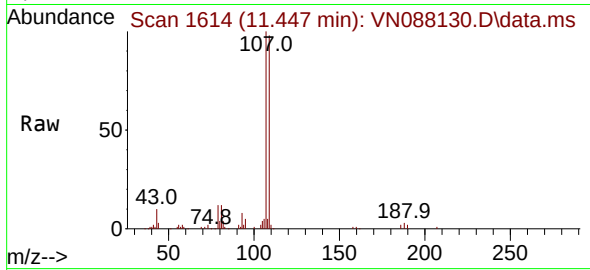
Tgt Ion:129 Resp: 93701  
Ion Ratio Lower Upper  
129 100  
127 76.1 39.1 117.3





#61  
1,2-Dibromoethane  
Concen: 16.438 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

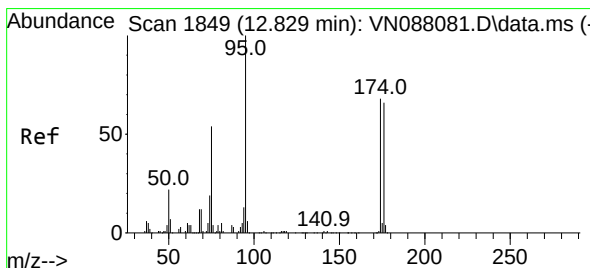
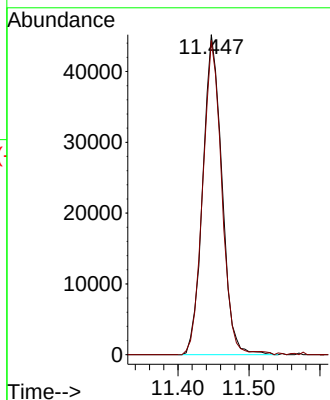
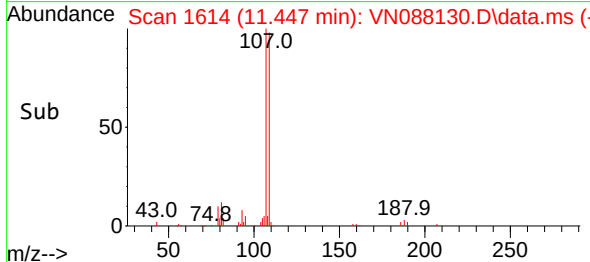
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion:107 Resp: 8458  
Ion Ratio Lower Upper  
107 100  
109 97.1 74.7 112.1

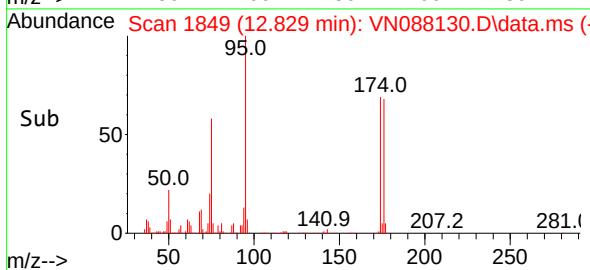
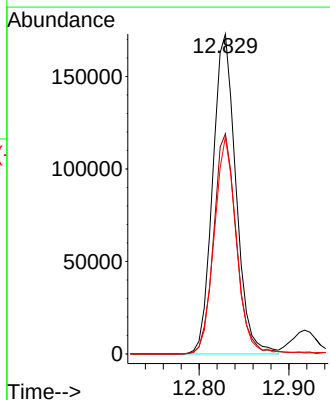
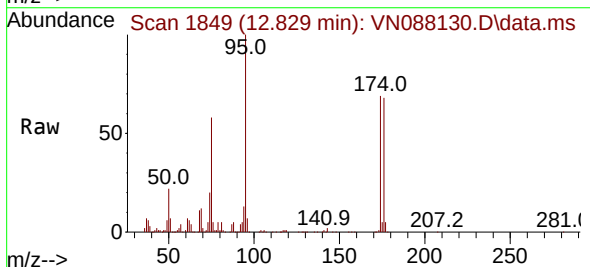
Manual Integrations  
APPROVED

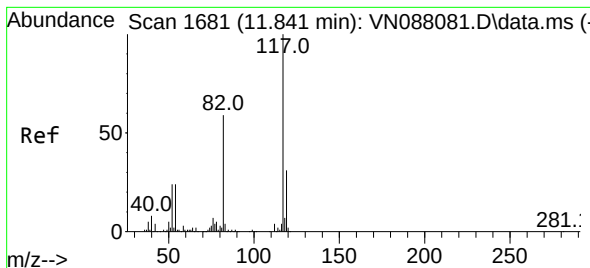
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#62  
4-Bromofluorobenzene  
Concen: 47.491 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

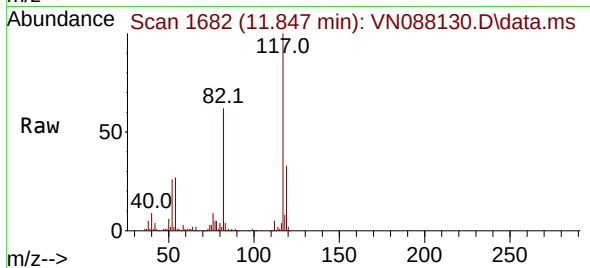
Tgt Ion: 95 Resp: 310646  
Ion Ratio Lower Upper  
95 100  
174 67.4 0.0 138.4  
176 65.2 0.0 132.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.847 min Scan# 11847  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

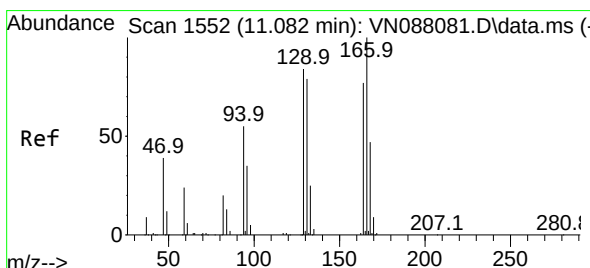
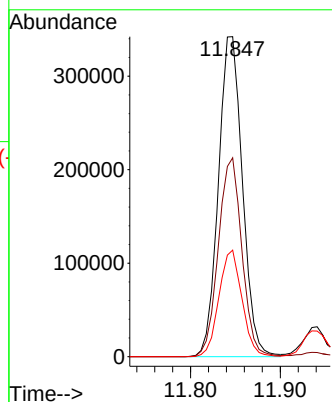
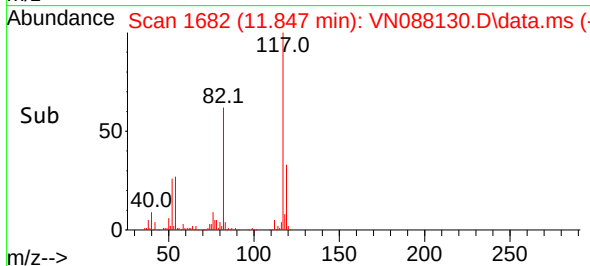
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



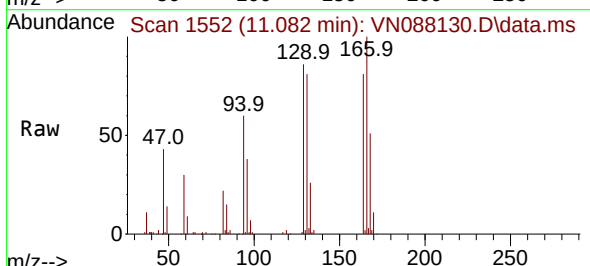
Tgt Ion:117 Resp: 637348  
Ion Ratio Lower Upper  
117 100  
82 62.1 47.4 71.2  
119 33.3 24.3 36.5

Manual Integrations  
APPROVED

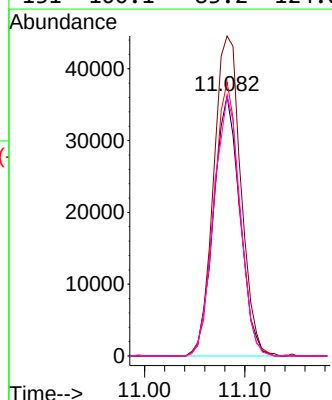
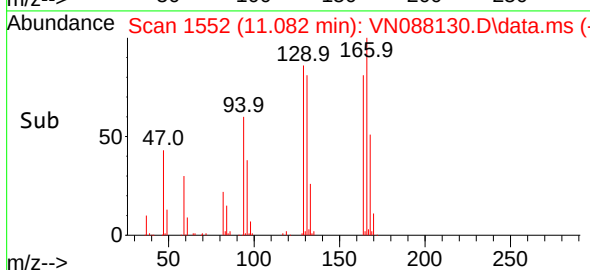
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

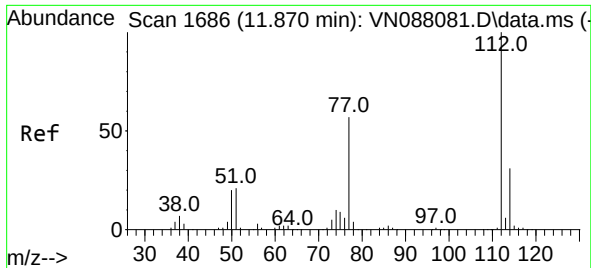


#64  
Tetrachloroethene  
Concen: 15.687 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



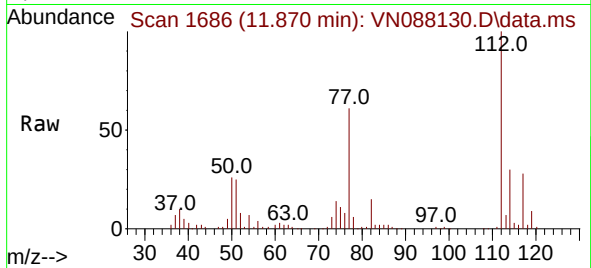
Tgt Ion:164 Resp: 65951  
Ion Ratio Lower Upper  
164 100  
166 123.1 97.7 146.5  
129 105.3 85.9 128.9  
131 100.1 83.2 124.8





#65  
Chlorobenzene  
Concen: 15.918 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

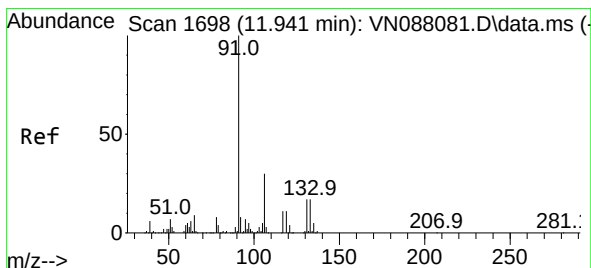
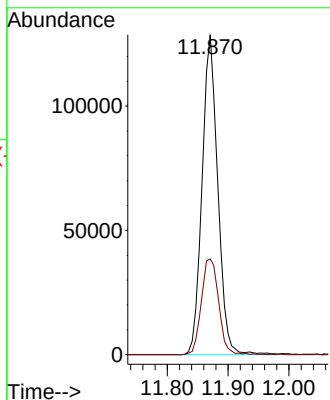
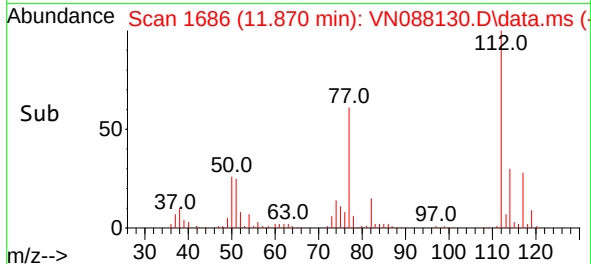
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



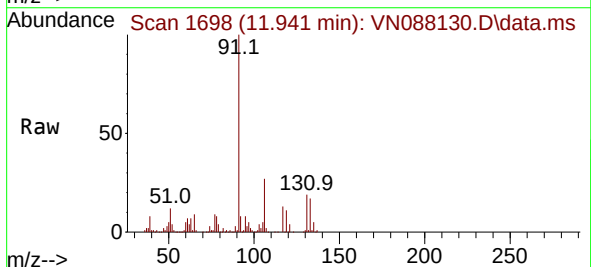
Tgt Ion:112 Resp: 230372  
Ion Ratio Lower Upper  
112 100  
114 29.9 24.3 36.5

Manual Integrations  
APPROVED

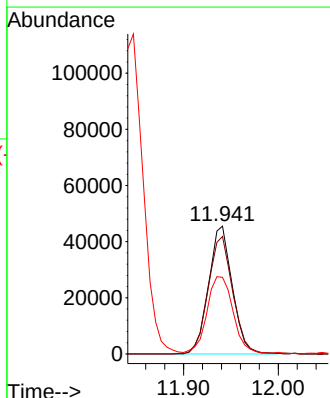
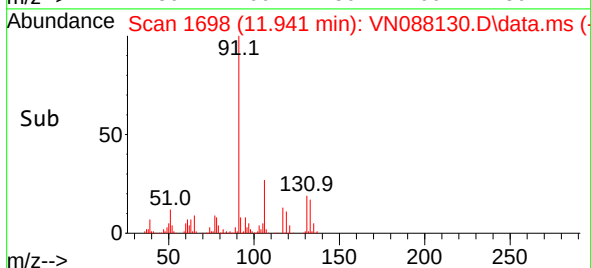
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

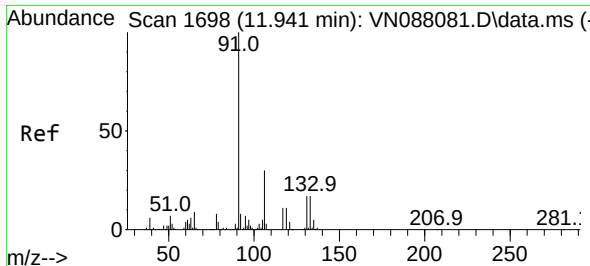


#66  
1,1,1,2-Tetrachloroethane  
Concen: 16.692 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



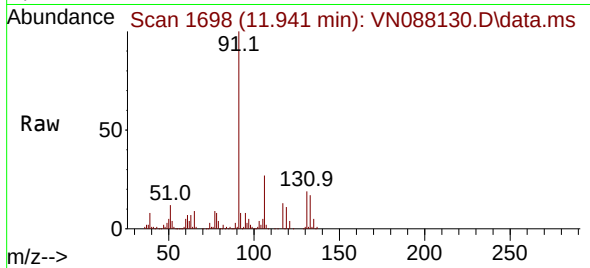
Tgt Ion:131 Resp: 79145  
Ion Ratio Lower Upper  
131 100  
133 95.1 48.0 144.0  
119 65.1 32.6 97.7





#67  
Ethyl Benzene  
Concen: 16.456 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

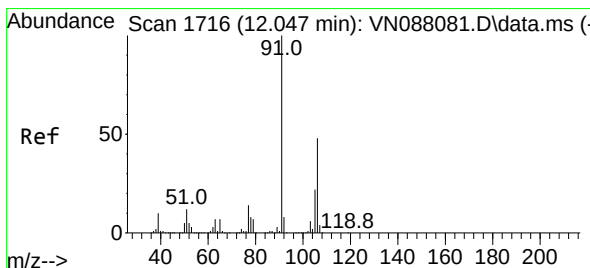
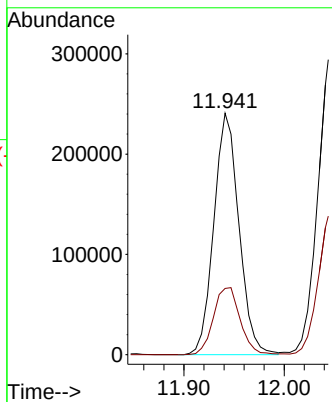
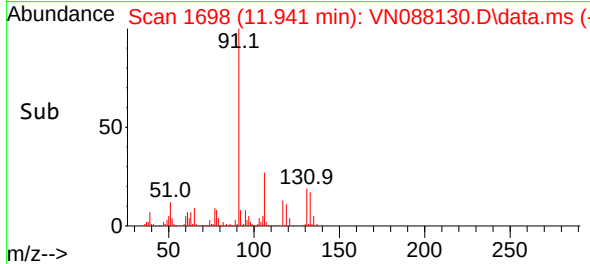
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



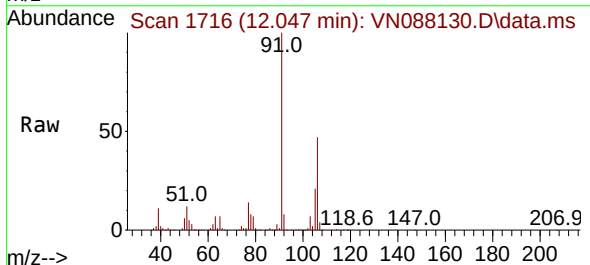
Tgt Ion: 91 Resp: 418045  
Ion Ratio Lower Upper  
91 100  
106 27.5 24.1 36.1

Manual Integrations  
APPROVED

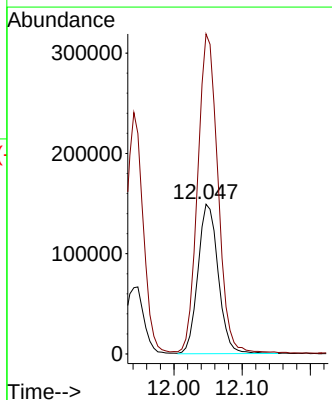
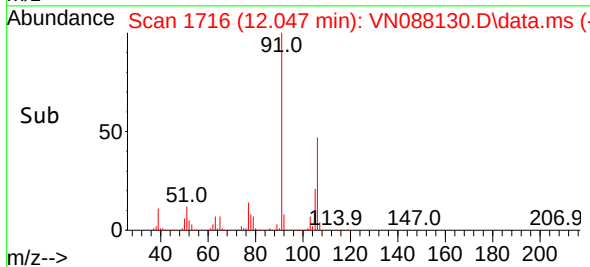
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

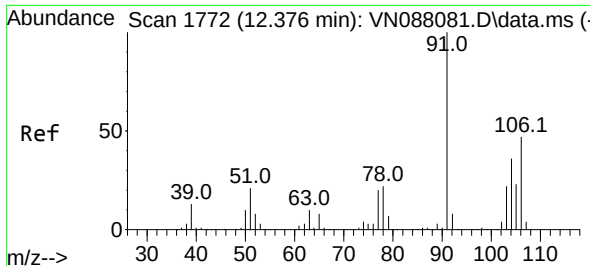


#68  
m/p-Xylenes  
Concen: 32.401 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



Tgt Ion:106 Resp: 308395  
Ion Ratio Lower Upper  
106 100  
91 214.9 169.3 253.9





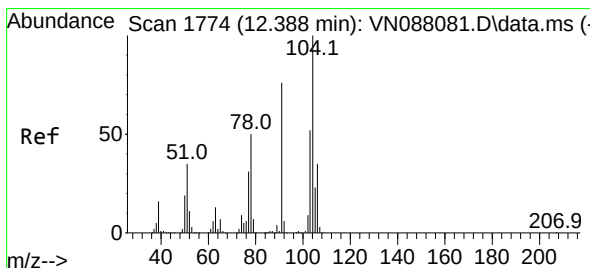
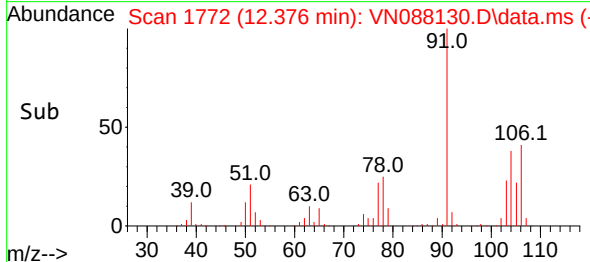
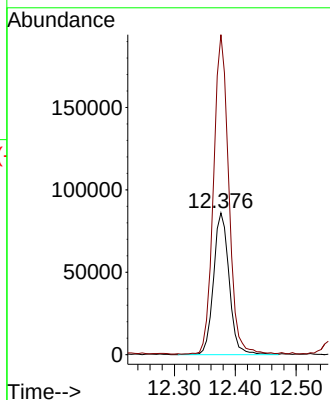
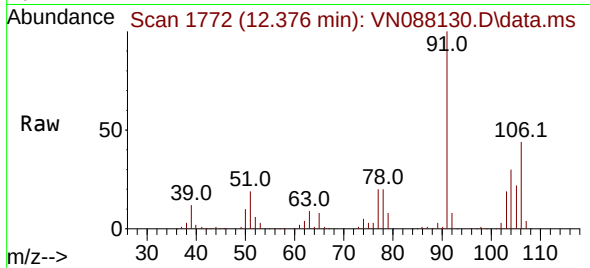
#69  
o-Xylene  
Concen: 16.976 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion:106 Resp: 15317  
Ion Ratio Lower Upper  
106 100  
91 219.9 111.4 334.2

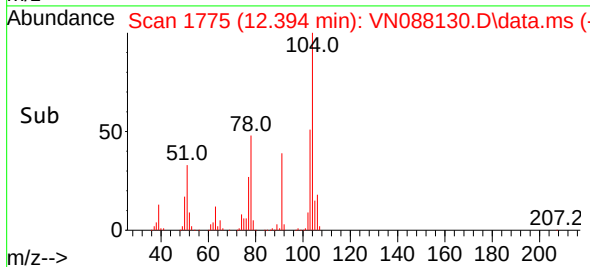
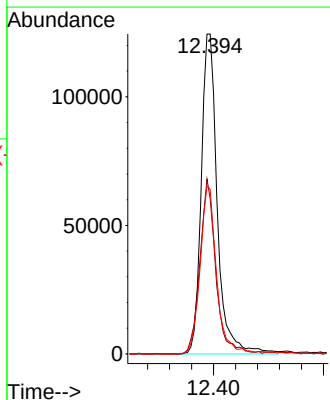
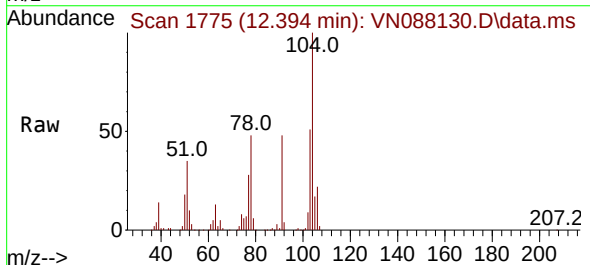
Manual Integrations  
APPROVED

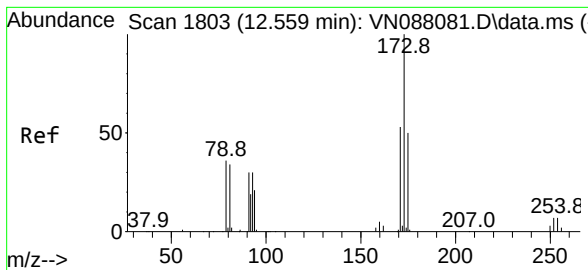
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#70  
Styrene  
Concen: 17.153 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

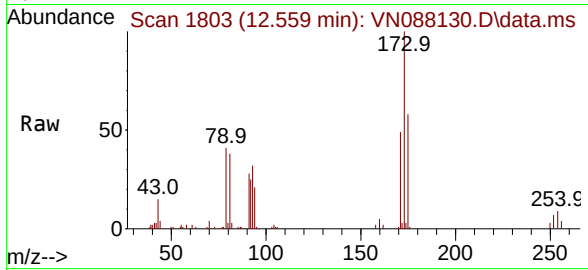
Tgt Ion:104 Resp: 252381  
Ion Ratio Lower Upper  
104 100  
78 54.1 42.2 63.2  
103 53.7 43.4 65.2





#71  
Bromoform  
Concen: 16.254 ug/l  
RT: 12.559 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

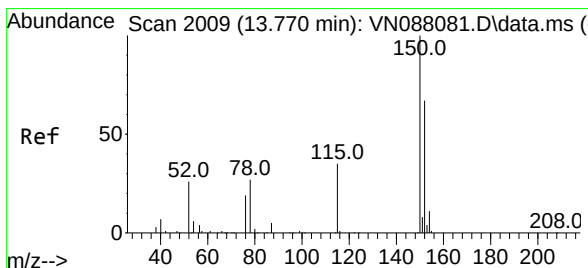
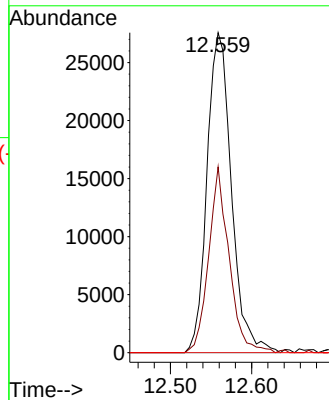
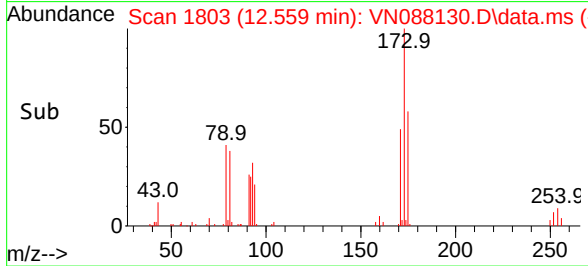
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



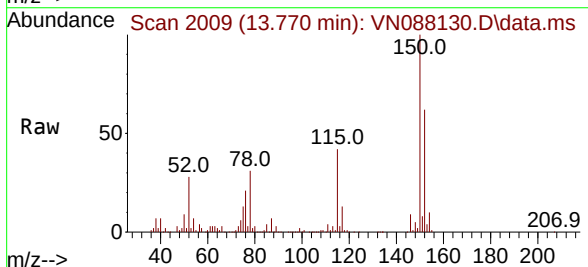
Tgt Ion:173 Resp: 57512  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.9 74.6  
254 0.0 0.1 0.1

Manual Integrations  
APPROVED

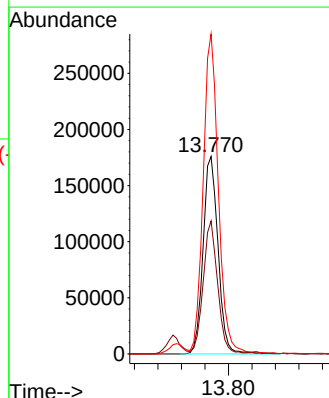
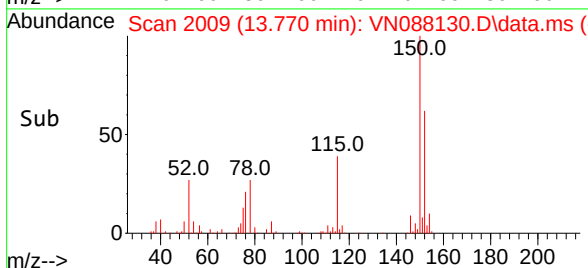
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



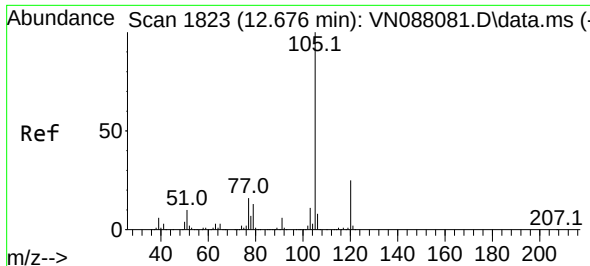
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.770 min Scan# 2009  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



Tgt Ion:152 Resp: 312463  
Ion Ratio Lower Upper  
152 100  
115 63.1 32.3 96.8  
150 163.6 0.0 351.0

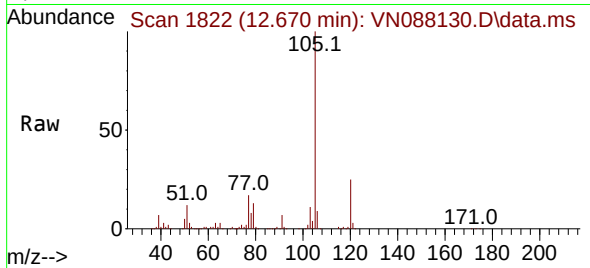






#73  
Isopropylbenzene  
Concen: 16.253 ug/l  
RT: 12.670 min Scan# 1823  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

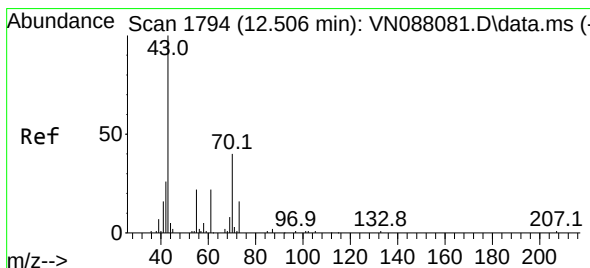
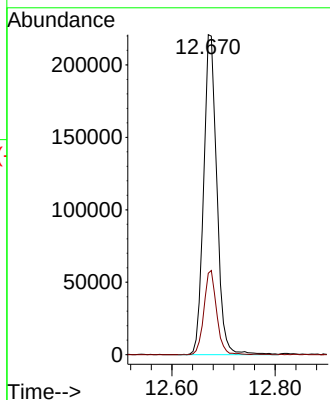
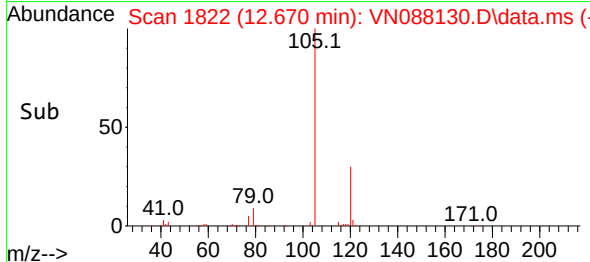
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



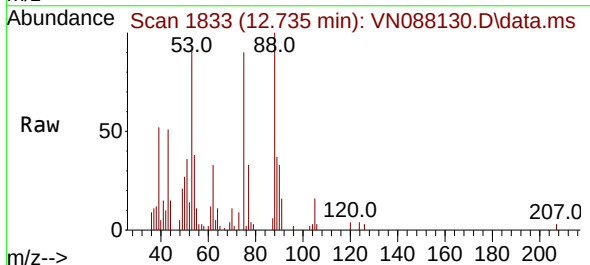
Tgt Ion:105 Resp: 391680  
Ion Ratio Lower Upper  
105 100  
120 25.2 12.8 38.3

Manual Integrations  
APPROVED

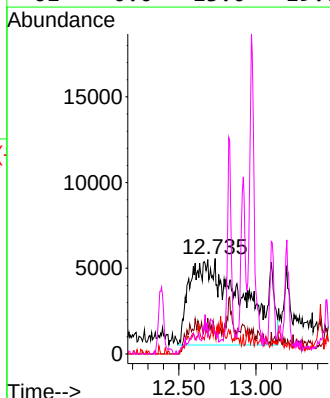
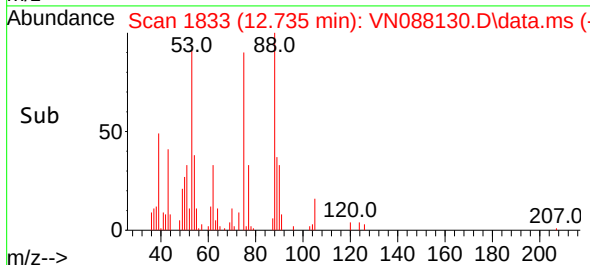
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

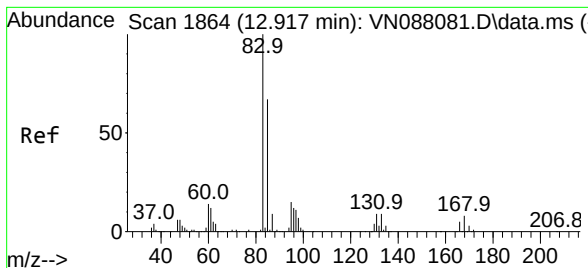


#74  
N-ethyl acetate  
Concen: 17.761 ug/l m  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.235 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



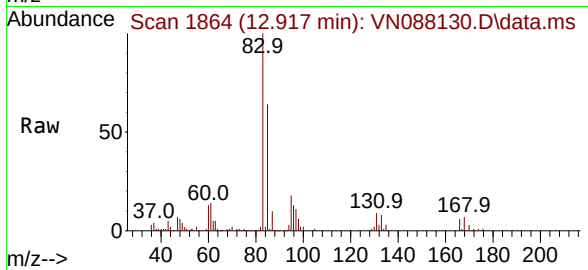
Tgt Ion: 43 Resp: 121504  
Ion Ratio Lower Upper  
43 100  
70 0.0 27.6 41.4#  
55 0.0 13.0 19.6#  
61 0.0 13.0 19.6#





#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.788 ug/l  
RT: 12.917 min Scan# 1864  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

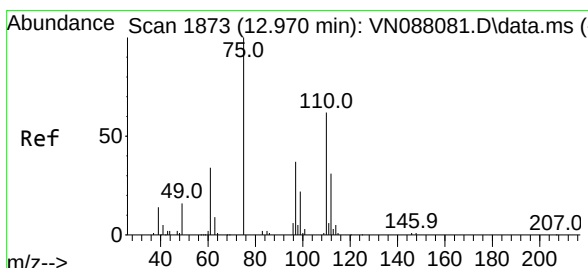
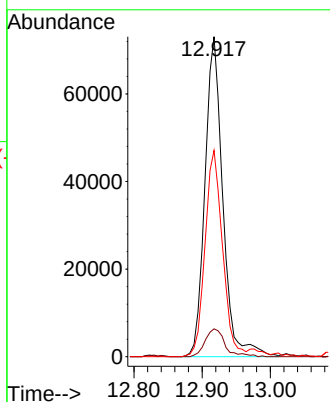
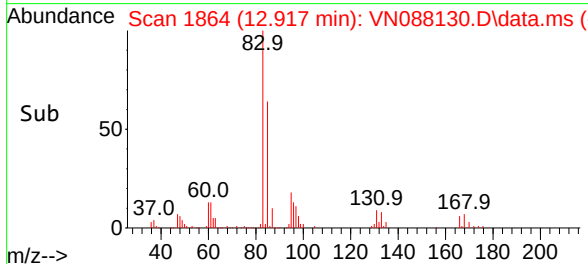
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



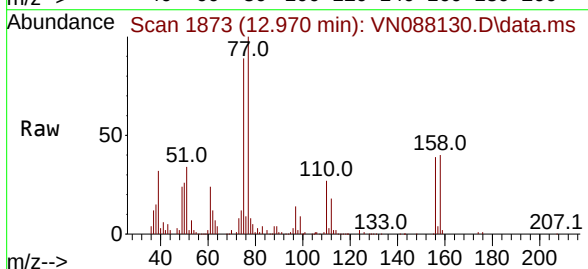
Tgt Ion: 83 Resp: 133462  
Ion Ratio Lower Upper  
83 100  
131 9.7 4.8 14.4  
85 63.1 32.1 96.3

Manual Integrations  
APPROVED

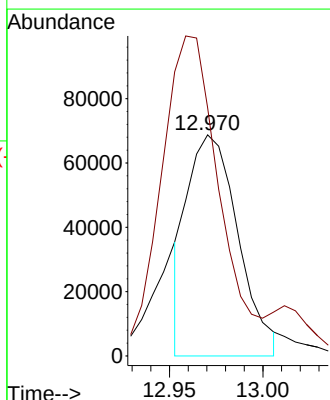
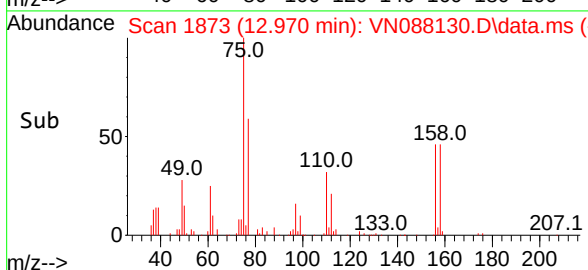
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025

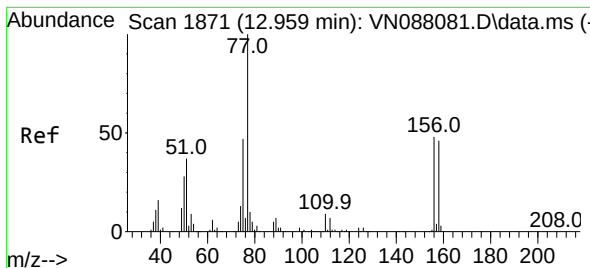


#76  
1,2,3-Trichloropropane  
Concen: 18.153 ug/l m  
RT: 12.970 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



Tgt Ion: 75 Resp: 129682  
Ion Ratio Lower Upper  
75 100  
77 166.3 89.1 267.4





#77

Bromobenzene

Concen: 17.345 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VN1028WBS01

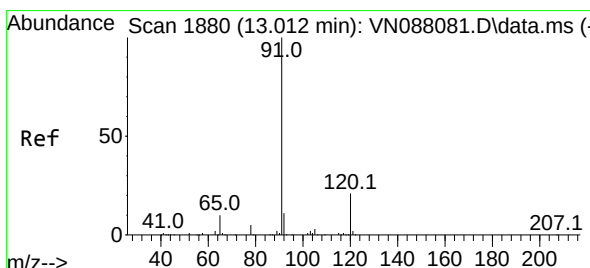
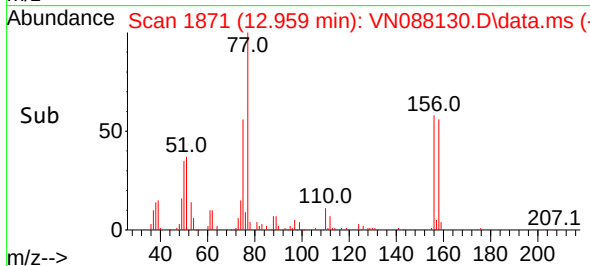
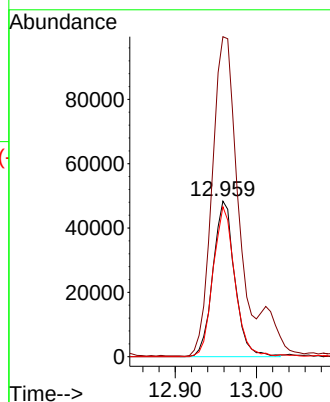
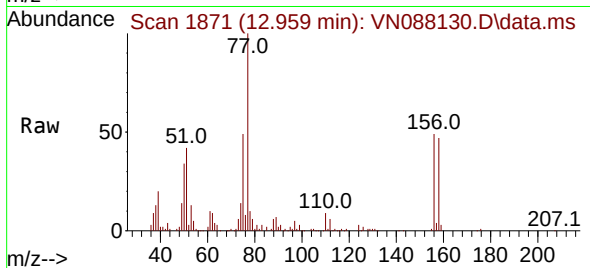
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 90140 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 239.3 | 119.3 | 358.0 |
| 158       | 96.1  | 48.2  | 144.6 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#78

n-propylbenzene

Concen: 16.298 ug/l

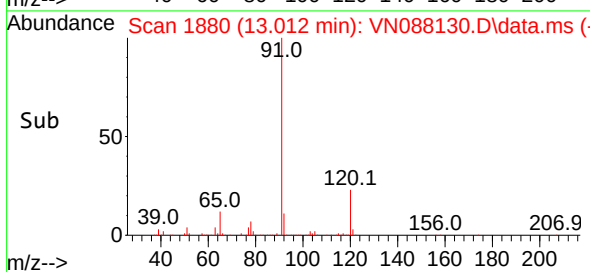
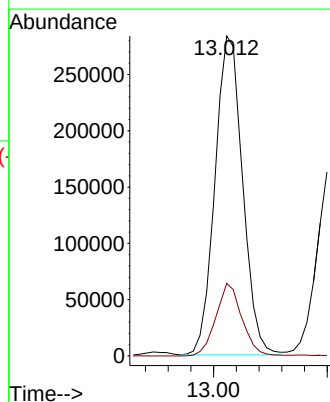
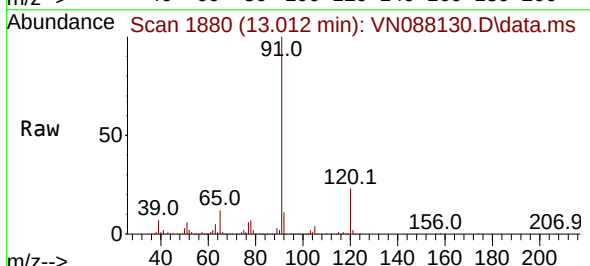
RT: 13.012 min Scan# 1880

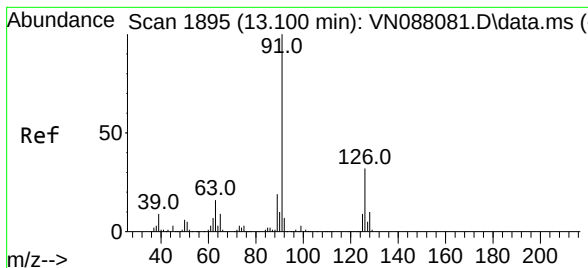
Delta R.T. -0.000 min

Lab File: VN088130.D

Acq: 28 Oct 2025 11:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 479311 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.5  | 10.7  | 32.1   |





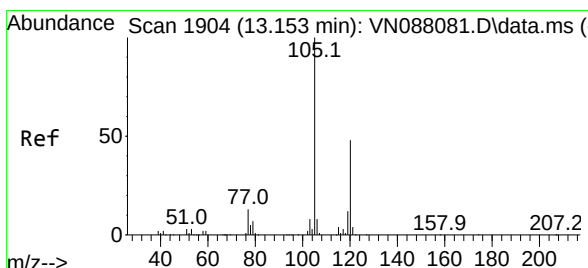
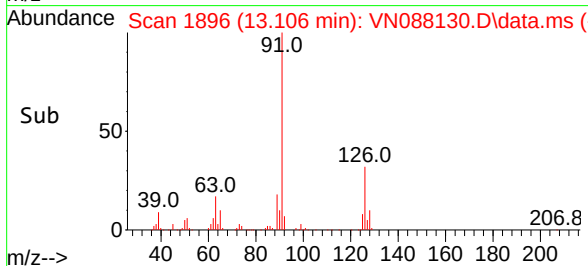
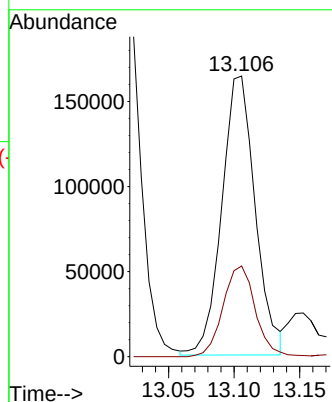
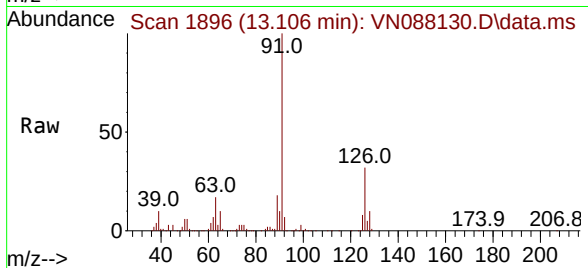
#79  
2-Chlorotoluene  
Concen: 17.361 ug/l  
RT: 13.106 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion: 91 Resp: 291170  
Ion Ratio Lower Upper  
91 100  
126 31.5 16.1 48.3

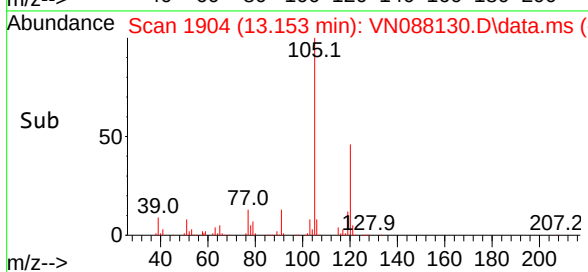
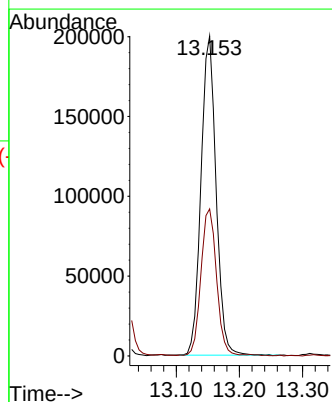
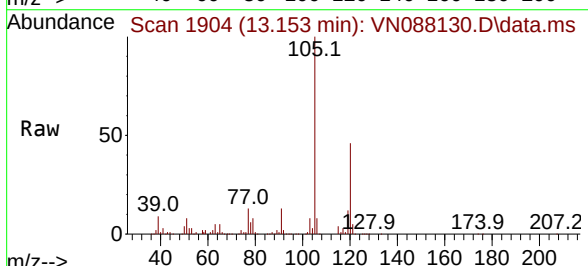
Manual Integrations  
APPROVED

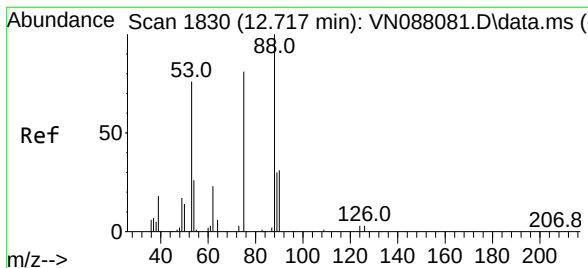
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#80  
1,3,5-Trimethylbenzene  
Concen: 16.534 ug/l  
RT: 13.153 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

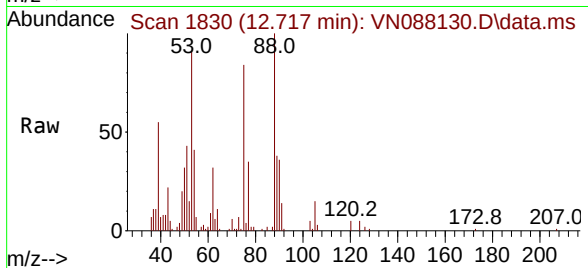
Tgt Ion:105 Resp: 330925  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.2 69.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 13.614 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

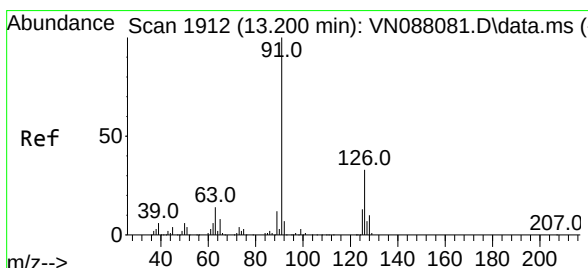
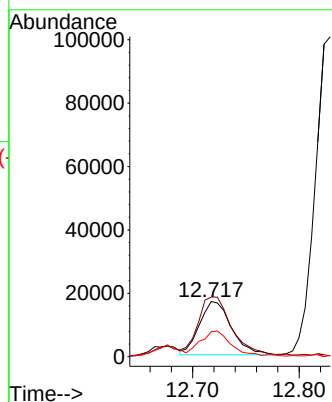
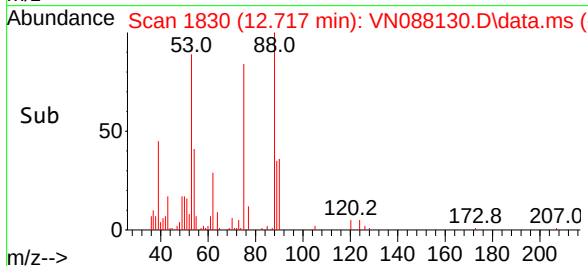
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 75 Resp: 34864  
Ion Ratio Lower Upper  
75 100  
53 116.3 101.8 152.6  
89 48.4 35.6 53.4

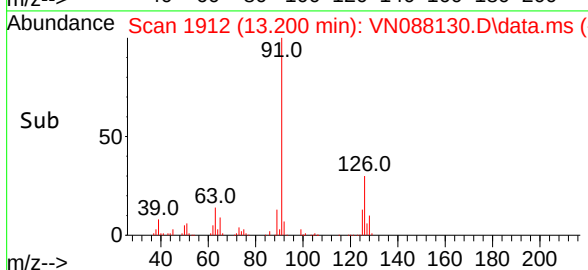
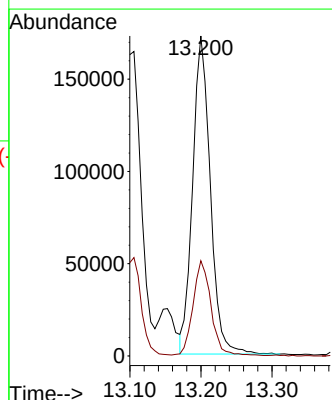
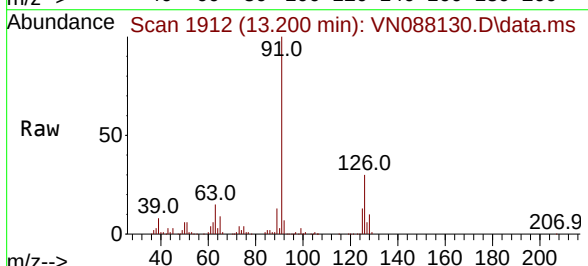
Manual Integrations  
APPROVED

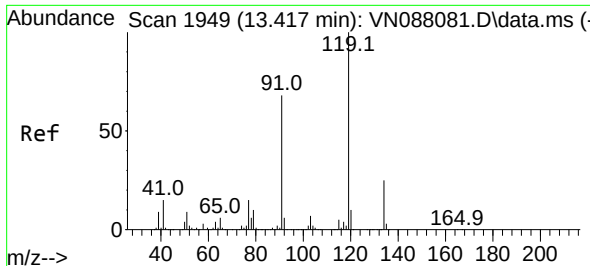
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#82  
4-Chlorotoluene  
Concen: 16.466 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

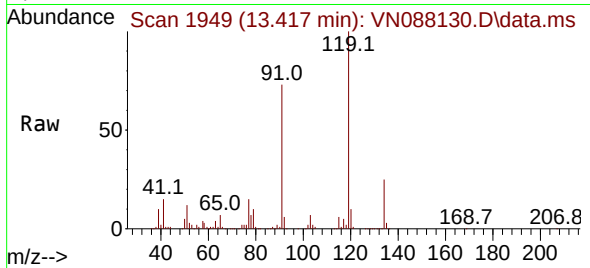
Tgt Ion: 91 Resp: 298777  
Ion Ratio Lower Upper  
91 100  
126 30.4 15.6 46.8





#83  
 tert-Butylbenzene  
 Concen: 16.102 ug/l  
 RT: 13.417 min Scan# 1949  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

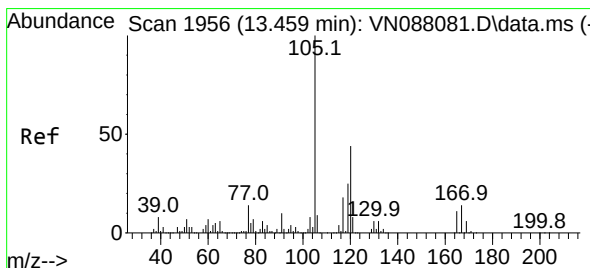
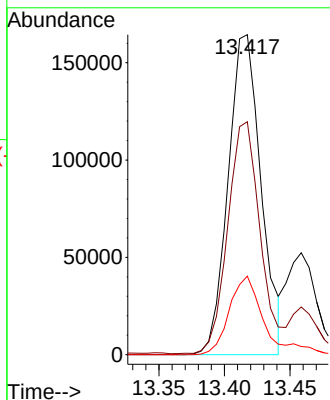
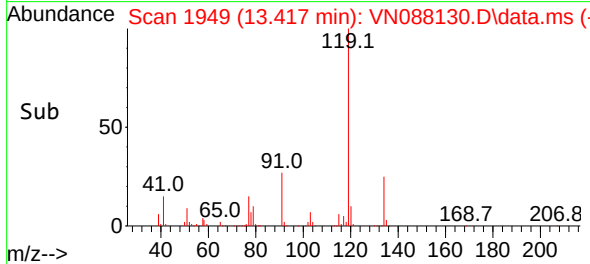
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01



Tgt Ion:119 Resp: 28789  
 Ion Ratio Lower Upper  
 119 100  
 91 71.8 35.0 105.0  
 134 26.0 12.6 37.8

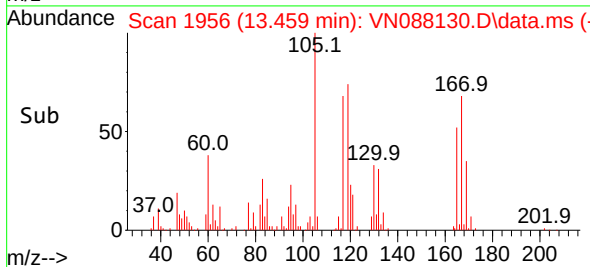
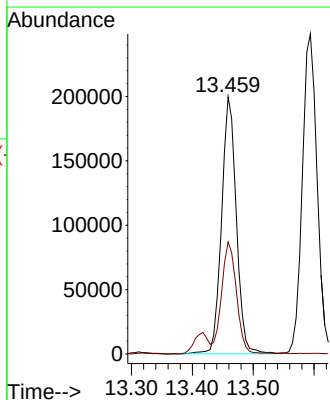
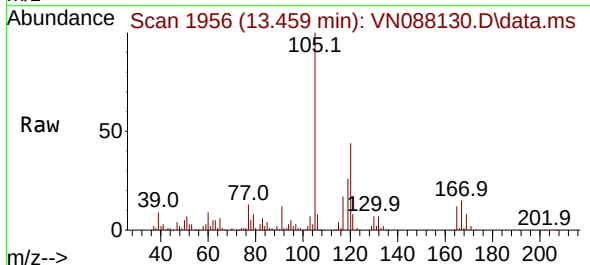
Manual Integrations  
 APPROVED

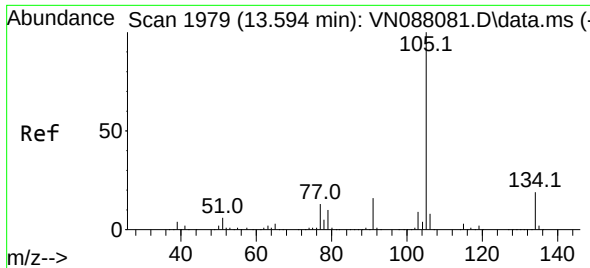
Reviewed By :John Carbone 10/29/2025  
 Supervised By :Semsettin Yesilyurt 10/29/2025



#84  
 1,2,4-Trimethylbenzene  
 Concen: 16.770 ug/l  
 RT: 13.459 min Scan# 1956  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Tgt Ion:105 Resp: 335824  
 Ion Ratio Lower Upper  
 105 100  
 120 44.1 22.0 66.0





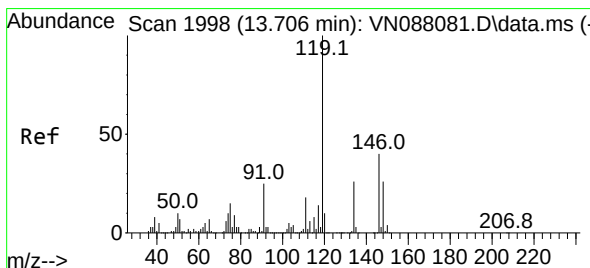
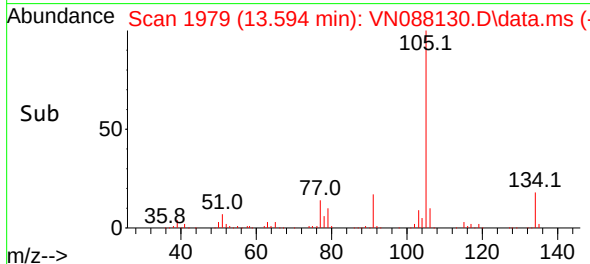
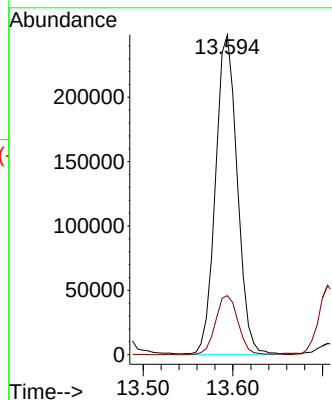
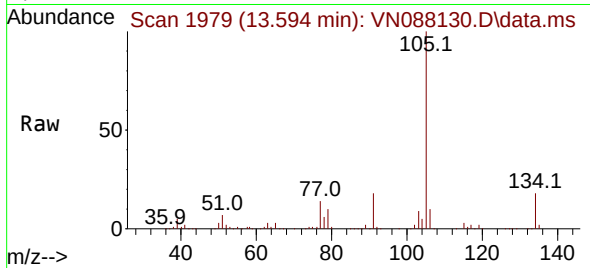
#85  
 sec-Butylbenzene  
 Concen: 15.900 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1028WBS01

Tgt Ion:105 Resp: 417672  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.6 28.6

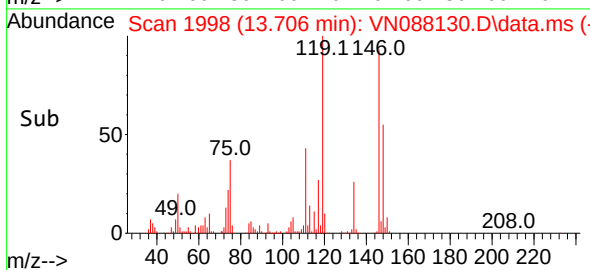
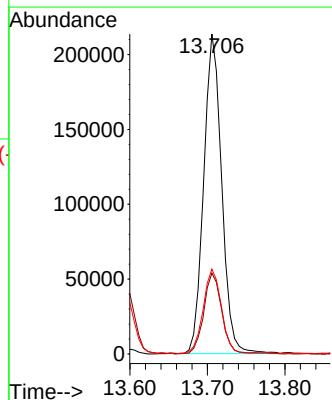
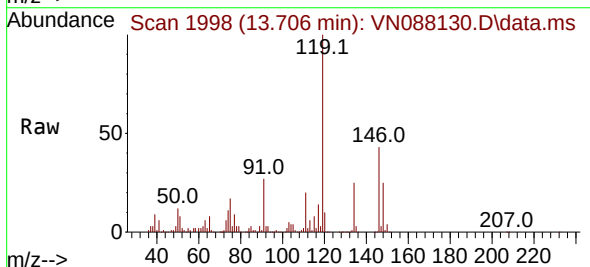
Manual Integrations  
 APPROVED

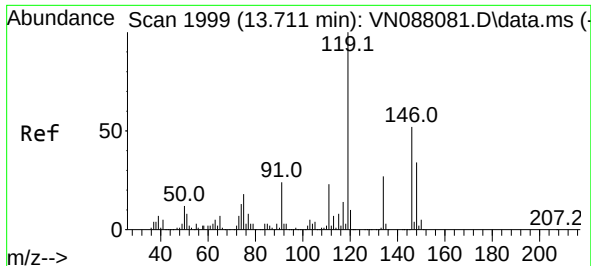
Reviewed By :John Carlone 10/29/2025  
 Supervised By :Semsettin Yesilyurt 10/29/2025



#86  
 p-Isopropyltoluene  
 Concen: 16.339 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. -0.000 min  
 Lab File: VN088130.D  
 Acq: 28 Oct 2025 11:38

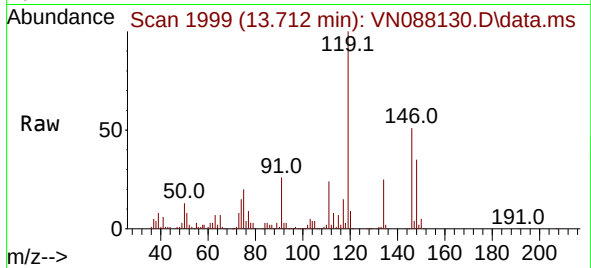
Tgt Ion:119 Resp: 344301  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.7 38.0  
 91 27.1 12.5 37.5





#87  
1,3-Dichlorobenzene  
Concen: 16.666 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

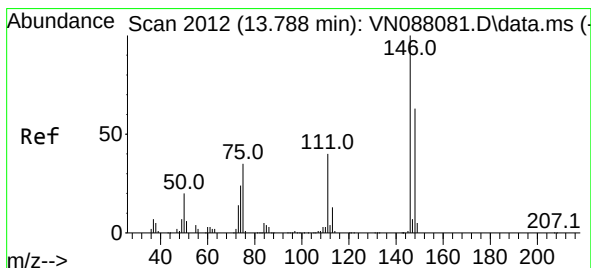
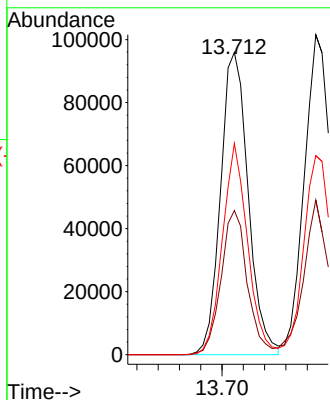
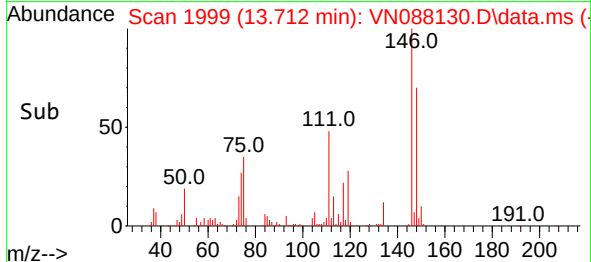
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



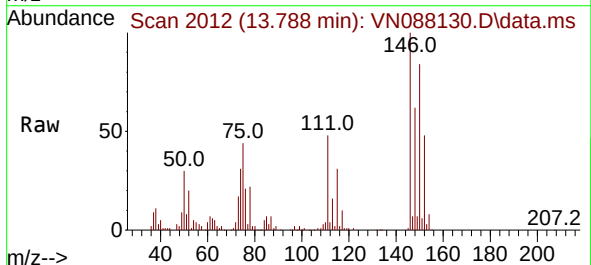
Tgt Ion:146 Resp: 172894  
Ion Ratio Lower Upper  
146 100  
111 45.2 22.1 66.5  
148 63.9 32.0 96.2

Manual Integrations  
APPROVED

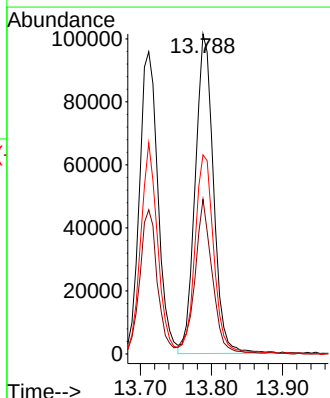
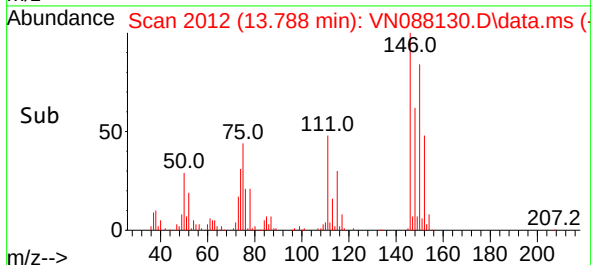
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



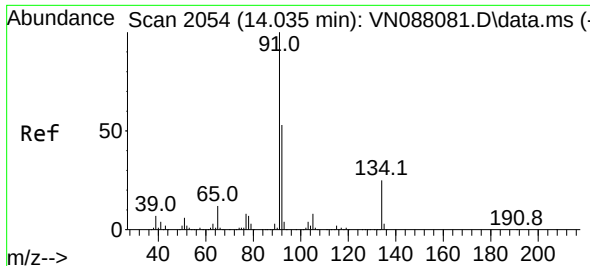
#88  
1,4-Dichlorobenzene  
Concen: 16.300 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



Tgt Ion:146 Resp: 181623  
Ion Ratio Lower Upper  
146 100  
111 45.6 21.0 63.0  
148 62.5 32.0 96.0

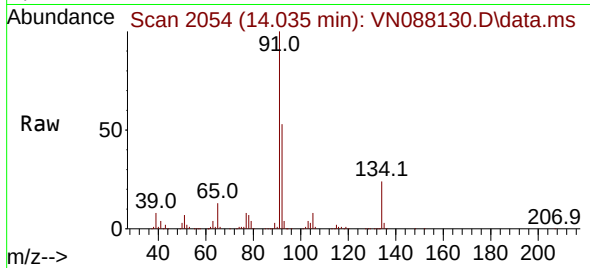






#89  
n-Butylbenzene  
Concen: 16.095 ug/l  
RT: 14.035 min Scan# 2054  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

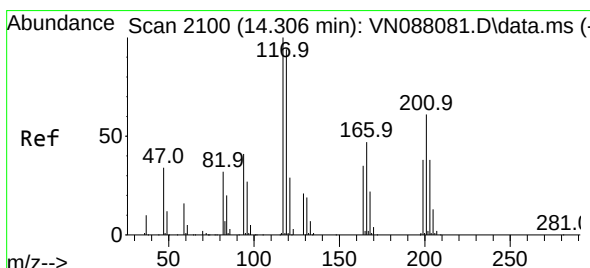
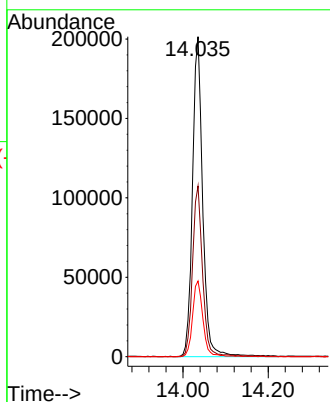
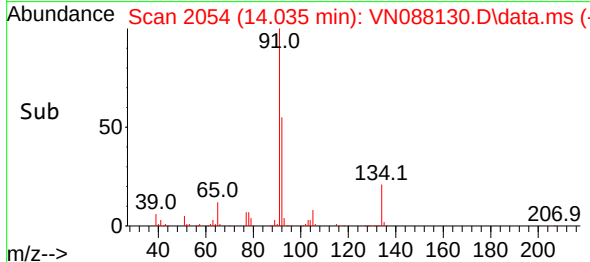
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion: 91 Resp: 33596  
Ion Ratio Lower Upper  
91 100  
92 52.3 25.9 77.8  
134 23.8 11.7 35.0

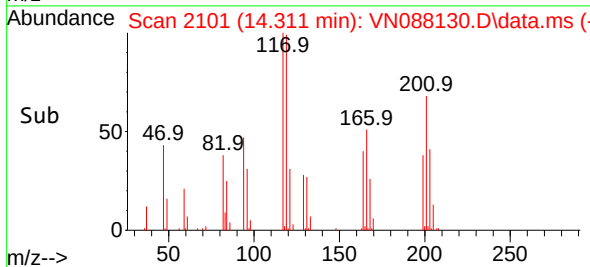
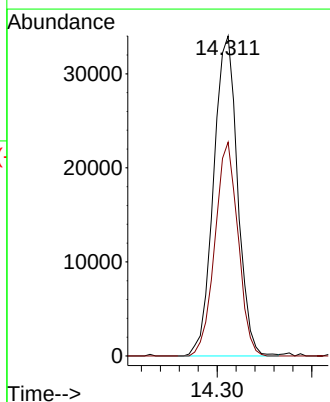
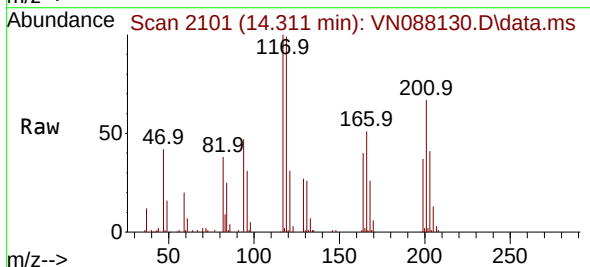
Manual Integrations  
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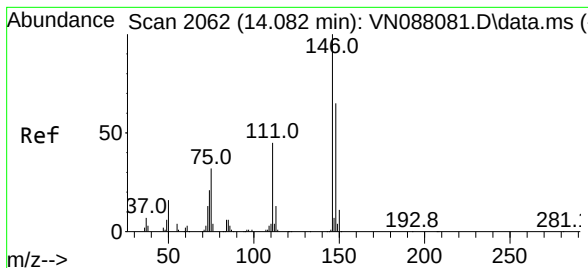
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#90  
Hexachloroethane  
Concen: 14.692 ug/l  
RT: 14.311 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Tgt Ion:117 Resp: 59952  
Ion Ratio Lower Upper  
117 100  
201 64.3 29.1 87.4





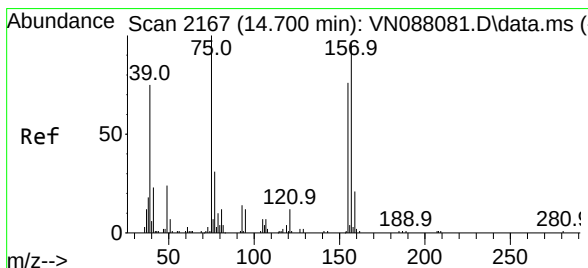
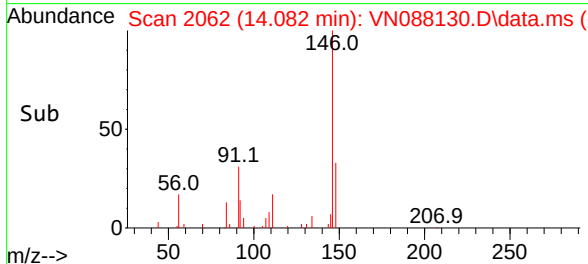
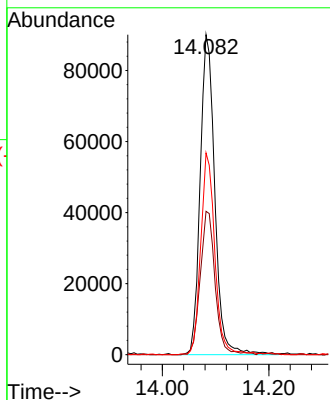
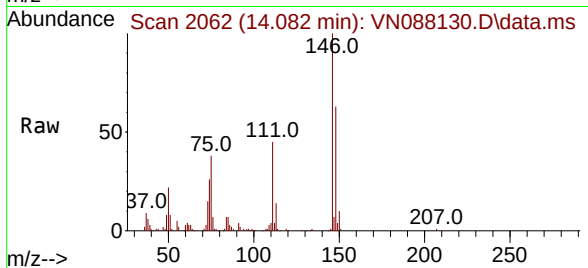
#91  
1,2-Dichlorobenzene  
Concen: 17.140 ug/l  
RT: 14.082 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01

Tgt Ion:146 Resp: 171402  
Ion Ratio Lower Upper  
146 100  
111 45.5 22.6 67.8  
148 61.0 31.9 95.9

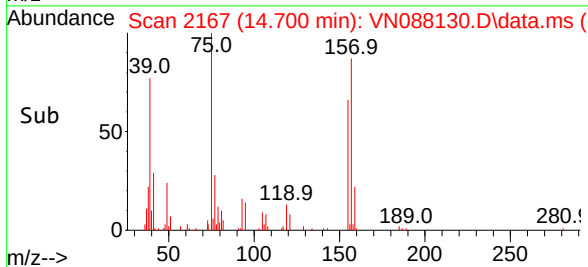
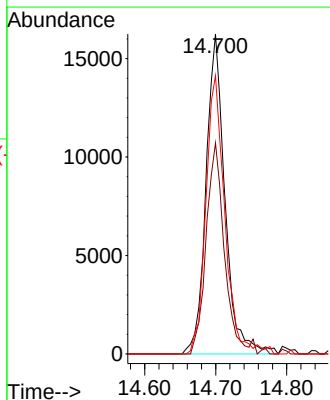
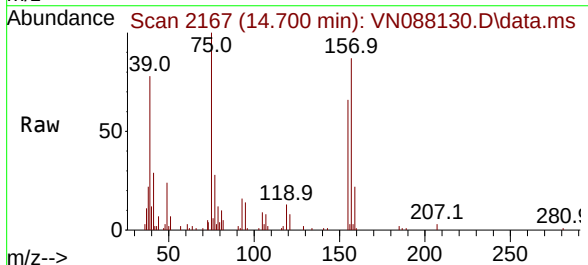
Manual Integrations  
APPROVED

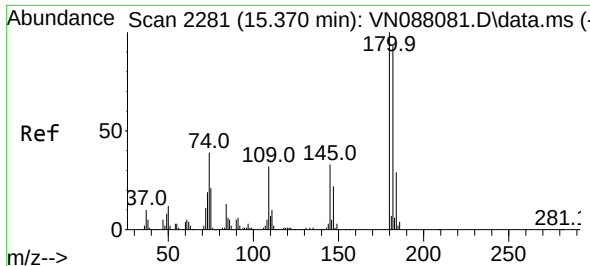
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 17.286 ug/l  
RT: 14.700 min Scan# 2167  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

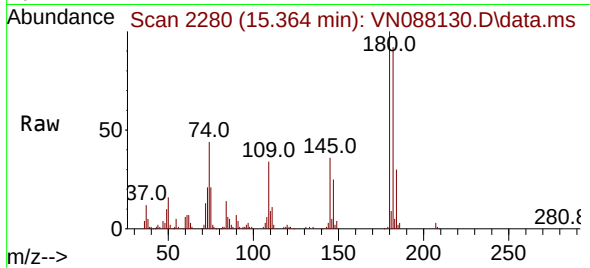
Tgt Ion: 75 Resp: 30187  
Ion Ratio Lower Upper  
75 100  
155 64.2 36.6 109.9  
157 87.4 45.6 136.9





#93  
1,2,4-Trichlorobenzene  
Concen: 16.610 ug/l  
RT: 15.364 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

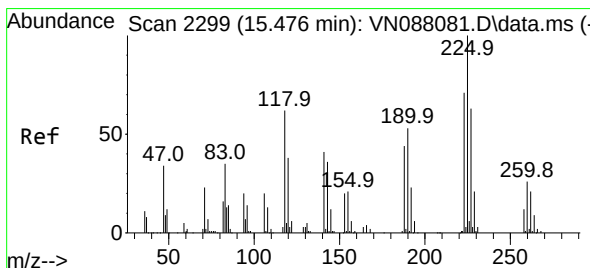
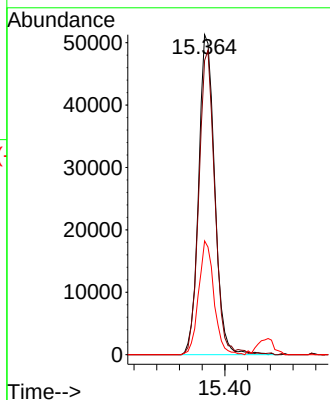
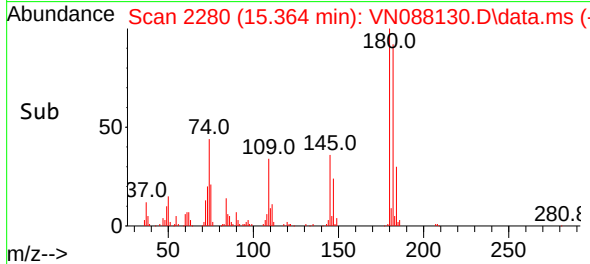
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



Tgt Ion:180 Resp: 100598  
Ion Ratio Lower Upper  
180 100  
182 94.1 47.6 142.9  
145 34.0 16.5 49.5

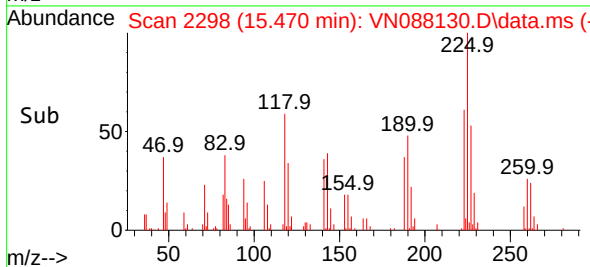
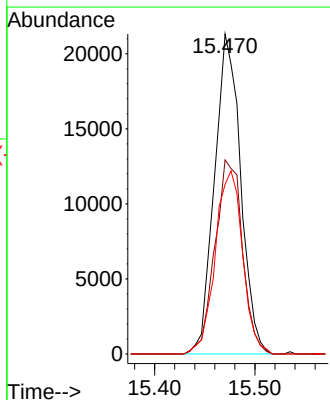
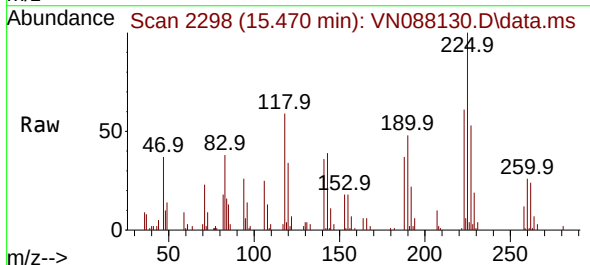
Manual Integrations  
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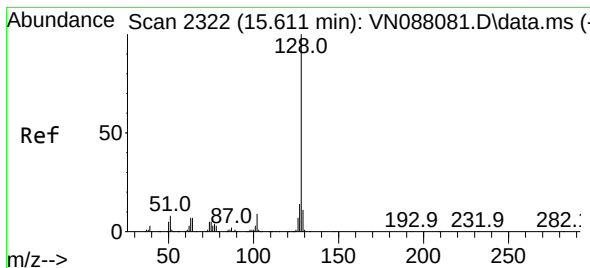
Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#94  
Hexachlorobutadiene  
Concen: 17.071 ug/l  
RT: 15.470 min Scan# 2298  
Delta R.T. -0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

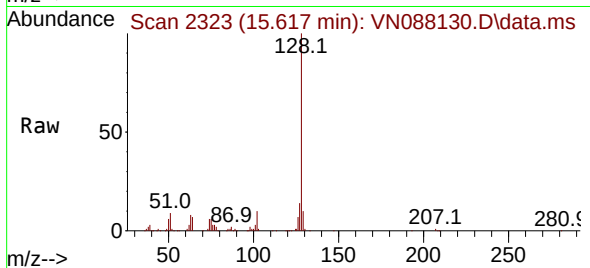
Tgt Ion:225 Resp: 38502  
Ion Ratio Lower Upper  
225 100  
223 63.8 32.0 96.2  
227 60.0 32.1 96.5





#95  
Naphthalene  
Concen: 16.205 ug/l  
RT: 15.617 min Scan# 2322  
Delta R.T. 0.006 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38

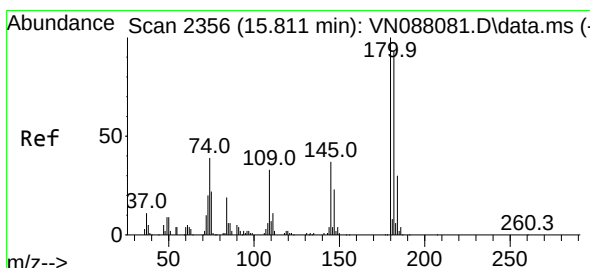
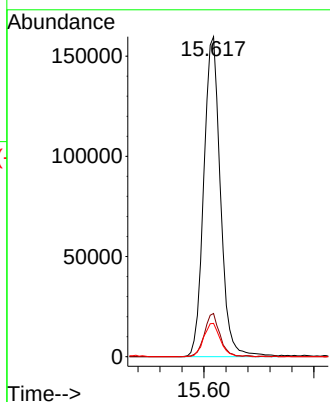
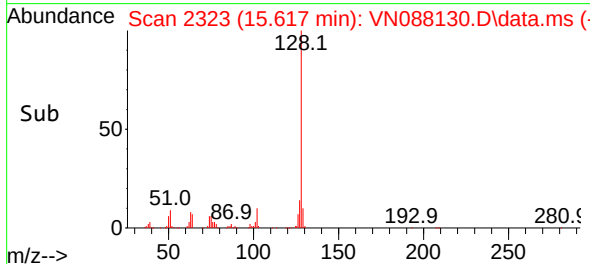
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1028WBS01



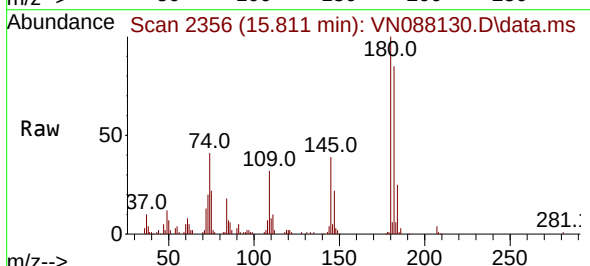
Tgt Ion:128 Resp: 336209  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.6 15.8  
129 10.5 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :John Carlone 10/29/2025  
Supervised By :Semsettin Yesilyurt 10/29/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 16.590 ug/l  
RT: 15.811 min Scan# 2356  
Delta R.T. -0.000 min  
Lab File: VN088130.D  
Acq: 28 Oct 2025 11:38



Tgt Ion:180 Resp: 96339  
Ion Ratio Lower Upper  
180 100  
182 93.7 46.8 140.3  
145 36.0 17.3 52.0

