

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082925\  
 Data File : VN087696.D  
 Acq On : 29 Aug 2025 13:24  
 Operator : JC\MD  
 Sample : VN0829MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0829MBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/02/2025  
 Supervised By : Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 22:53:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 8.206          | 168  | 188928     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.083          | 114  | 373365     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.841         | 117  | 351090     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.771         | 152  | 178354     | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.565          | 65   | 187772     | 48.508  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 97.020% |        |          |
| 35) Dibromofluoromethane     | 8.147          | 113  | 126636     | 46.977  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 93.960% |        |          |
| 50) Toluene-d8               | 10.547         | 98   | 461350     | 45.726  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 91.460% |        |          |
| 62) 4-Bromofluorobenzene     | 12.829         | 95   | 165941     | 46.247  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 92.500% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 51190      | 19.077  | ug/l   | 98       |
| 3) Chloromethane             | 2.383          | 50   | 55531      | 20.138  | ug/l   | 94       |
| 4) Vinyl Chloride            | 2.536          | 62   | 61029      | 19.088  | ug/l   | 96       |
| 5) Bromomethane              | 2.977          | 94   | 32491      | 19.694  | ug/l   | 99       |
| 6) Chloroethane              | 3.136          | 64   | 41645      | 18.532  | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 3.506          | 101  | 90530      | 19.326  | ug/l   | 98       |
| 8) Diethyl Ether             | 3.965          | 74   | 38190      | 18.720  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 4.365          | 101  | 48908      | 18.452  | ug/l   | 97       |
| 10) Methyl Iodide            | 4.571          | 142  | 26311      | 18.284  | ug/l   | 91       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 65482      | 97.443  | ug/l # | 85       |
| 12) 1,1-Dichloroethene       | 4.336          | 96   | 50191      | 18.426  | ug/l   | 87       |
| 13) Acrolein                 | 4.171          | 56   | 64784      | 78.418  | ug/l   | 99       |
| 14) Allyl chloride           | 5.006          | 41   | 80908      | 16.391  | ug/l   | 98       |
| 15) Acrylonitrile            | 5.706          | 53   | 176216     | 92.979  | ug/l   | 97       |
| 16) Acetone                  | 4.424          | 43   | 195049     | 92.563  | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.695          | 76   | 123567     | 16.478  | ug/l   | 98       |
| 18) Methyl Acetate           | 5.018          | 43   | 89056      | 20.185  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.789          | 73   | 185853     | 18.188  | ug/l   | 97       |
| 20) Methylene Chloride       | 5.265          | 84   | 57586      | 18.102  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 5.777          | 96   | 49933      | 16.914  | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.665          | 45   | 194004     | 18.213  | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.595          | 43   | 882161     | 91.028  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.553          | 63   | 106632     | 18.258  | ug/l   | 98       |
| 25) 2-Butanone               | 7.477          | 43   | 256683     | 92.589  | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 7.477          | 77   | 89854      | 17.925  | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.471          | 96   | 61880      | 17.534  | ug/l   | 97       |
| 28) Bromochloromethane       | 7.800          | 49   | 55580      | 19.685  | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.830          | 42   | 158693     | 88.947  | ug/l   | 99       |
| 30) Chloroform               | 7.947          | 83   | 112063     | 18.799  | ug/l   | 96       |
| 31) Cyclohexane              | 8.241          | 56   | 80311      | 16.495  | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 8.147          | 97   | 91842      | 18.179  | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.353          | 75   | 68123      | 16.473  | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.553          | 43   | 91214      | 16.141  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 8.341          | 117  | 71797      | 17.584  | ug/l   | 94       |
| 39) Methylcyclohexane        | 9.583          | 83   | 70588      | 15.504  | ug/l   | 97       |
| 40) Benzene                  | 8.588          | 78   | 227341     | 17.923  | ug/l   | 96       |

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 Sample : VN0829MBS01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0829MBS01

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 09/02/2025  
 Supervised By :Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 22:53:44 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 22 02:55:42 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.765  | 41   | 50902    | 17.389  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 89468    | 18.355  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.677  | 43   | 161391   | 18.292  | ug/l   | 98       |
| 44) Trichloroethene           | 9.335  | 130  | 49364    | 17.046  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 61307    | 18.337  | ug/l   | 98       |
| 46) Dibromomethane            | 9.688  | 93   | 44167    | 18.563  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.871  | 83   | 90297    | 18.518  | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.665  | 41   | 72668    | 17.413  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.683  | 88   | 21957    | 405.926 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.424 | 43   | 513315   | 96.430  | ug/l   | 98       |
| 52) Toluene                   | 10.606 | 92   | 140083   | 17.814  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.812 | 75   | 90004    | 17.832  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 94514    | 18.034  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 57761    | 18.988  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.859 | 69   | 86431    | 17.779  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 101919   | 18.931  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.141 | 63   | 249840   | 94.951  | ug/l   | 99       |
| 59) 2-Hexanone                | 11.182 | 43   | 323063   | 96.028  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.335 | 129  | 64331    | 18.251  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 59517    | 18.555  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.082 | 164  | 40745    | 16.727  | ug/l   | 93       |
| 65) Chlorobenzene             | 11.865 | 112  | 155048   | 17.751  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.941 | 131  | 54995    | 18.965  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.941 | 91   | 262980   | 17.389  | ug/l   | 94       |
| 68) m/p-Xylenes               | 12.047 | 106  | 193034   | 34.804  | ug/l   | 100      |
| 69) o-Xylene                  | 12.376 | 106  | 95307    | 17.534  | ug/l   | 99       |
| 70) Styrene                   | 12.388 | 104  | 165073   | 18.128  | ug/l   | 98       |
| 71) Bromoform                 | 12.559 | 173  | 40149    | 18.053  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.671 | 105  | 242355   | 16.816  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.588 | 43   | 89313m   | 16.353  | ug/l   |          |
| 75) 1,1,2,2-Tetrachloroethane | 12.918 | 83   | 91872    | 18.515  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.971 | 75   | 86750m   | 20.741  | ug/l   |          |
| 77) Bromobenzene              | 12.959 | 156  | 61668    | 18.148  | ug/l   | 96       |
| 78) n-propylbenzene           | 13.012 | 91   | 306151   | 17.246  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.106 | 91   | 184458   | 17.266  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 208329   | 17.040  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.718 | 75   | 26155    | 16.555  | ug/l   | 88       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 197936   | 17.622  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.418 | 119  | 172447   | 16.926  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 212720   | 17.380  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.594 | 105  | 254993   | 16.865  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 208869   | 16.730  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.712 | 146  | 119113   | 17.800  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 120426   | 17.293  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.035 | 91   | 209655   | 16.909  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.306 | 117  | 41538    | 17.464  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 112278   | 17.685  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.700 | 75   | 19357    | 16.422  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.370 | 180  | 66279    | 17.386  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.476 | 225  | 23354    | 17.183  | ug/l   | 98       |
| 95) Naphthalene               | 15.612 | 128  | 225308   | 16.685  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.812 | 180  | 63231    | 16.966  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082925\  
Data File : VN087696.D  
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Operator : JC\MD  
Sample : VN0829MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Manual Integrations  
APPROVED

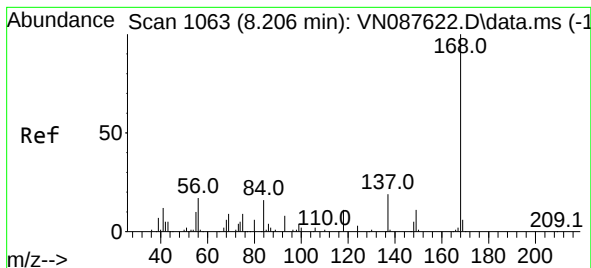
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

Quant Time: Aug 29 22:53:44 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 22 02:55:42 2025  
Response via : Initial Calibration

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

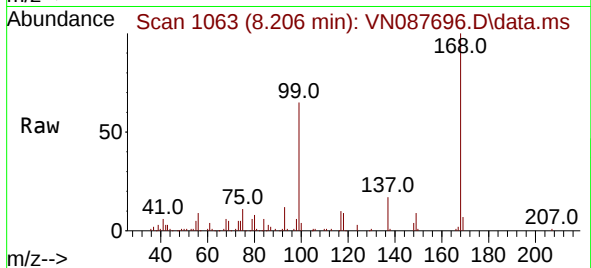
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(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

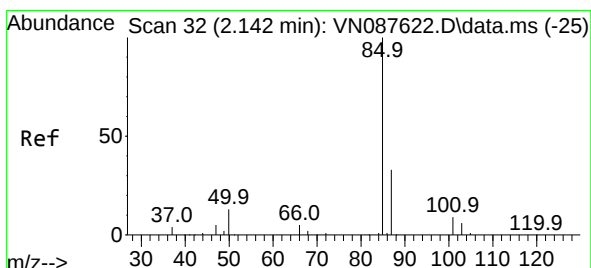
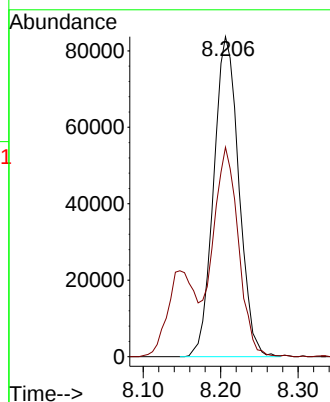
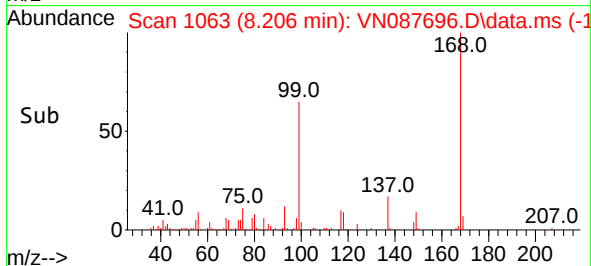
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion:168 Resp: 188928  
Ion Ratio Lower Upper  
168 100  
99 65.2 57.2 85.8

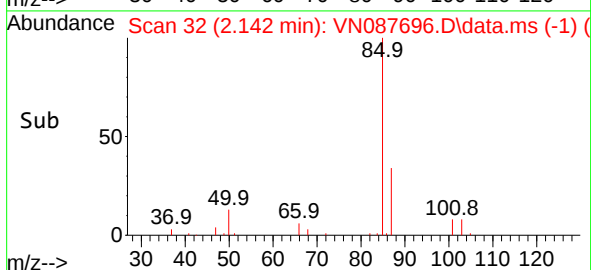
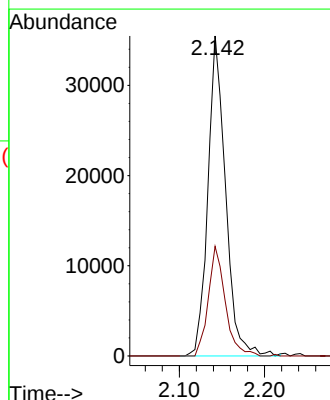
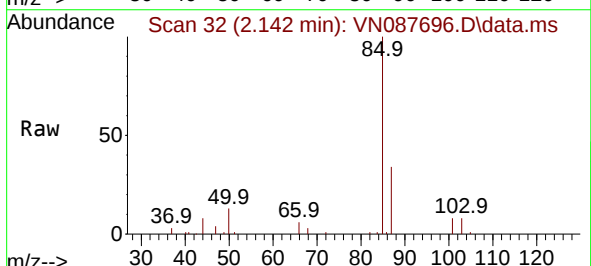
Manual Integrations  
APPROVED

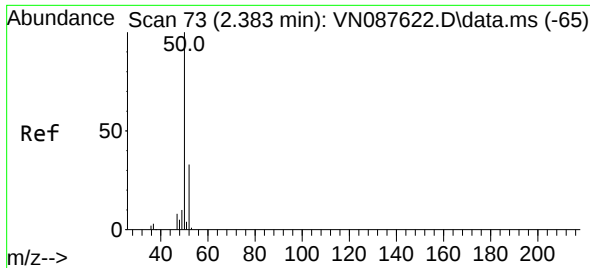
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#2  
Dichlorodifluoromethane  
Concen: 19.077 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

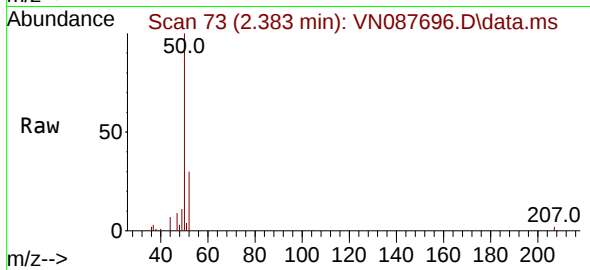
Tgt Ion: 85 Resp: 51190  
Ion Ratio Lower Upper  
85 100  
87 34.3 16.6 49.8





#3  
Chloromethane  
Concen: 20.138 ug/l  
RT: 2.383 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

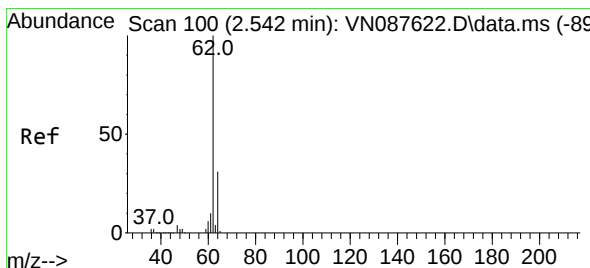
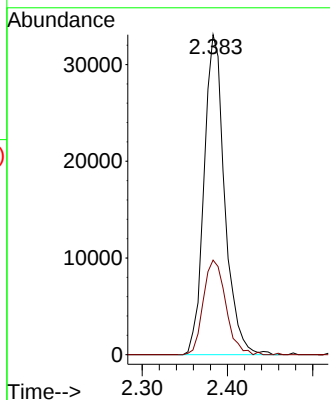
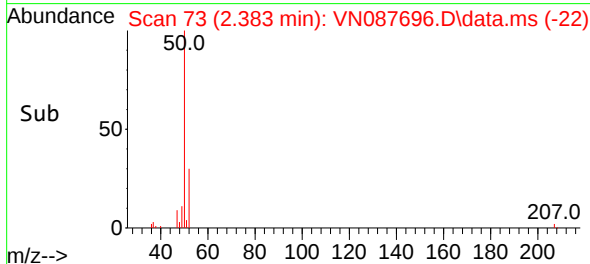
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion: 50 Resp: 5553  
Ion Ratio Lower Upper  
50 100  
52 29.6 26.2 39.4

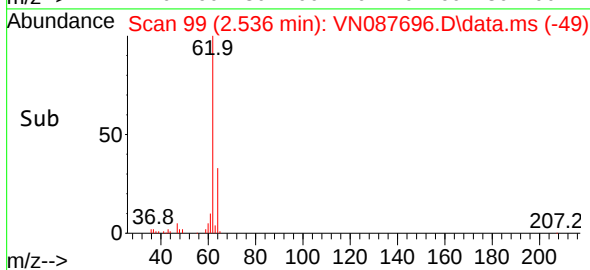
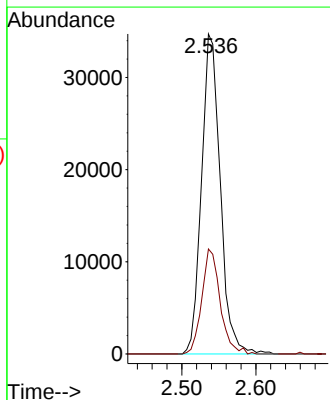
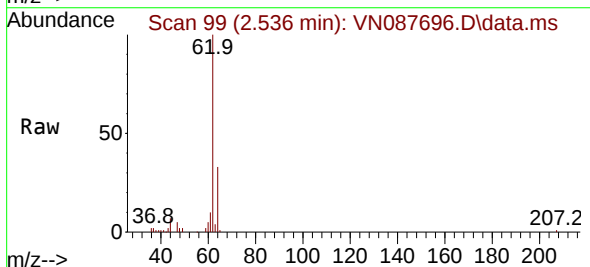
Manual Integrations  
APPROVED

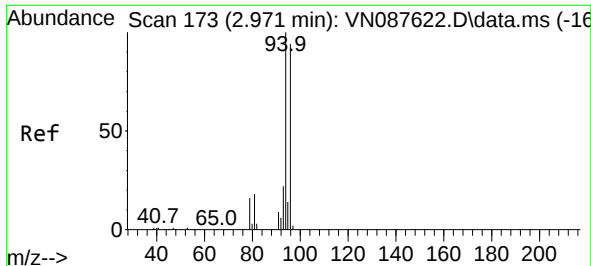
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#4  
Vinyl Chloride  
Concen: 19.088 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

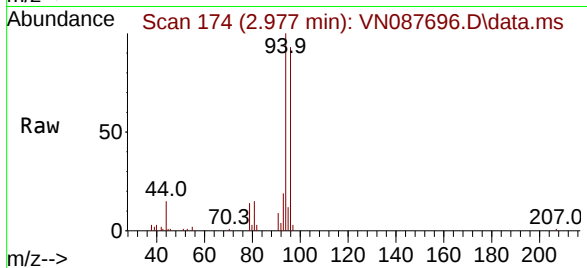
Tgt Ion: 62 Resp: 61029  
Ion Ratio Lower Upper  
62 100  
64 32.8 24.6 37.0





#5  
Bromomethane  
Concen: 19.694 ug/l  
RT: 2.977 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

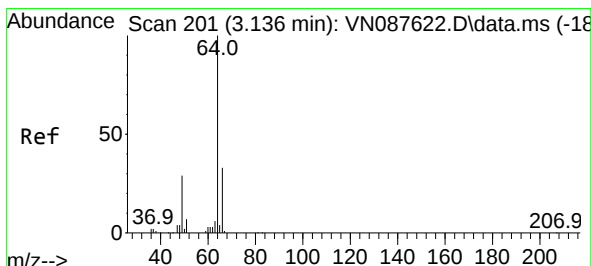
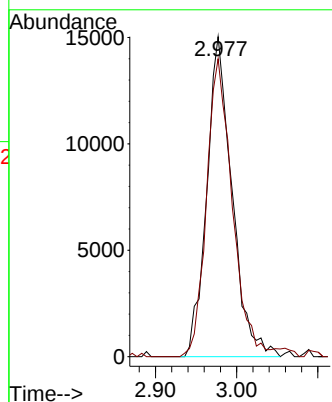
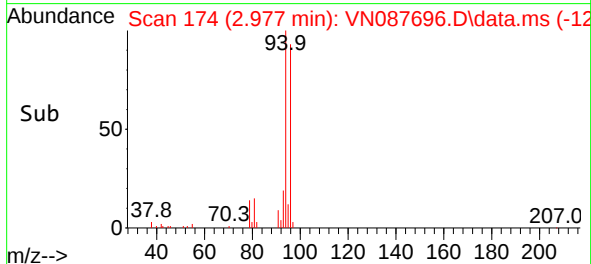
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



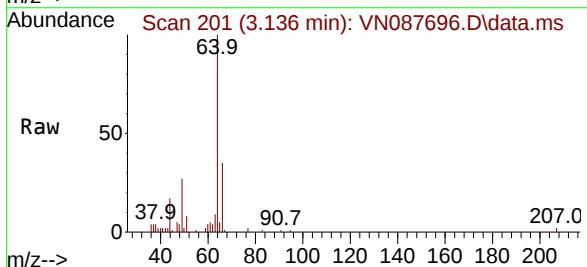
Tgt Ion: 94 Resp: 3249  
Ion Ratio Lower Upper  
94 100  
96 93.1 75.4 113.2

Manual Integrations  
APPROVED

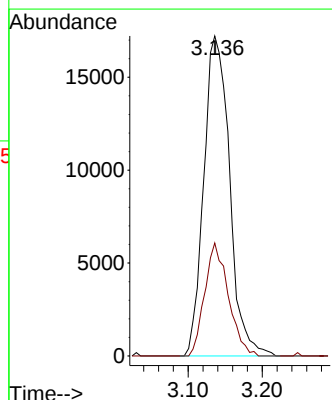
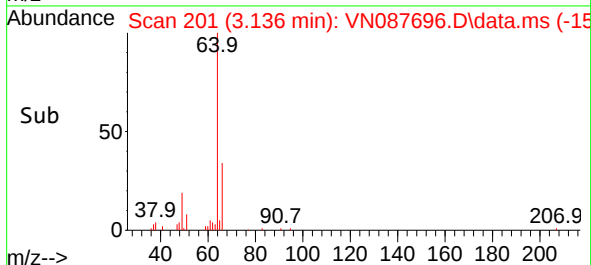
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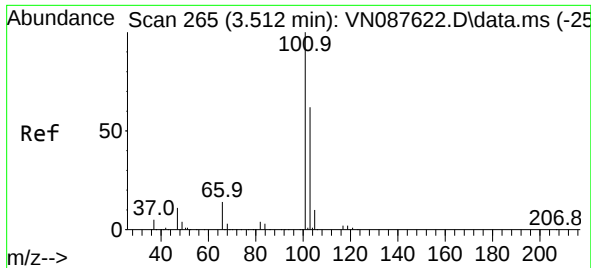


#6  
Chloroethane  
Concen: 18.532 ug/l  
RT: 3.136 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



Tgt Ion: 64 Resp: 41645  
Ion Ratio Lower Upper  
64 100  
66 35.3 26.2 39.2





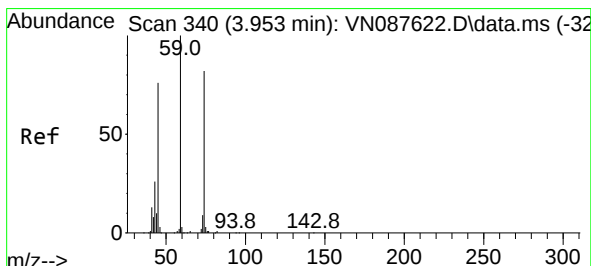
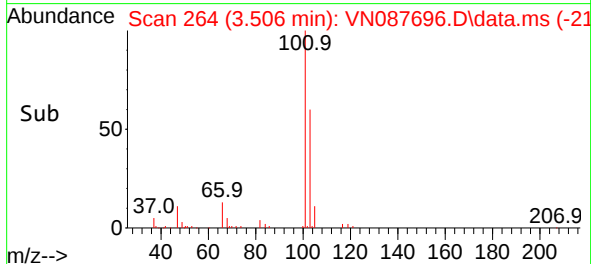
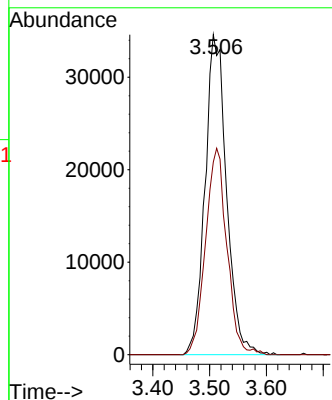
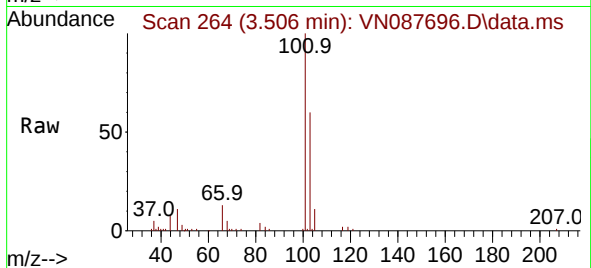
#7  
Trichlorofluoromethane  
Concen: 19.326 ug/l  
RT: 3.506 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion:101 Resp: 90530  
Ion Ratio Lower Upper  
101 100  
103 60.2 49.4 74.0

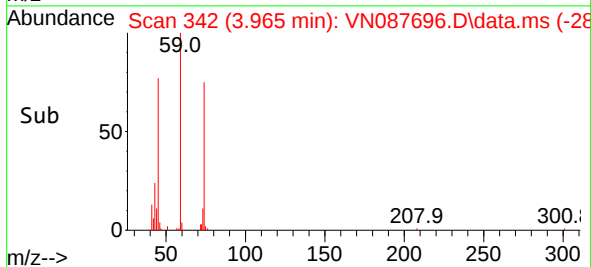
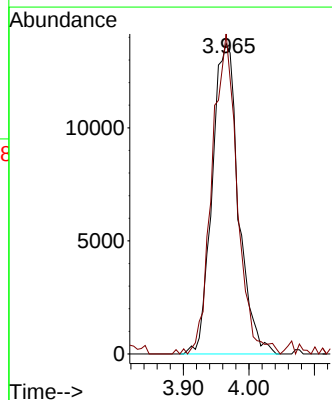
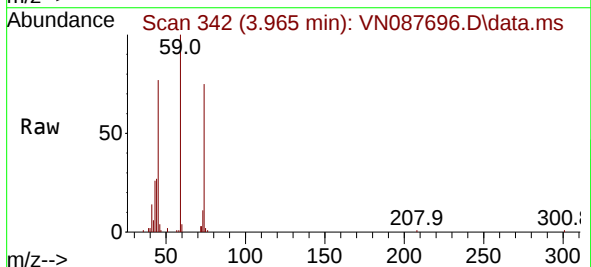
Manual Integrations  
APPROVED

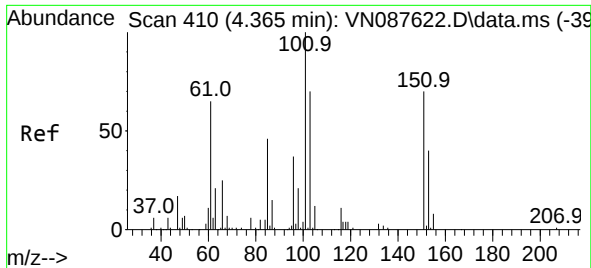
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#8  
Diethyl Ether  
Concen: 18.720 ug/l  
RT: 3.965 min Scan# 342  
Delta R.T. 0.012 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Tgt Ion: 74 Resp: 38190  
Ion Ratio Lower Upper  
74 100  
45 98.6 50.6 151.9





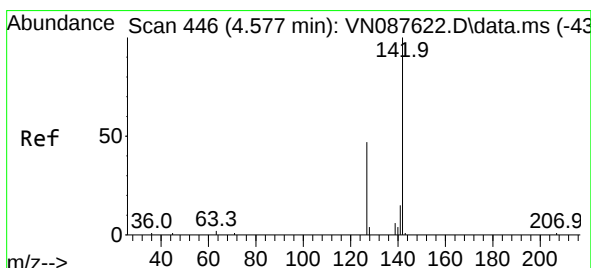
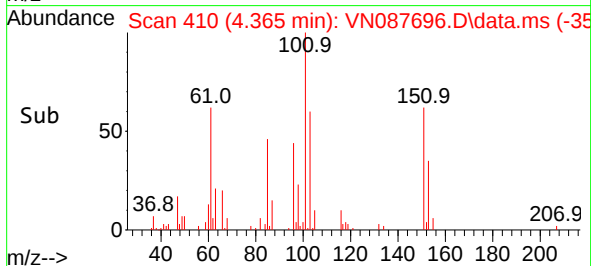
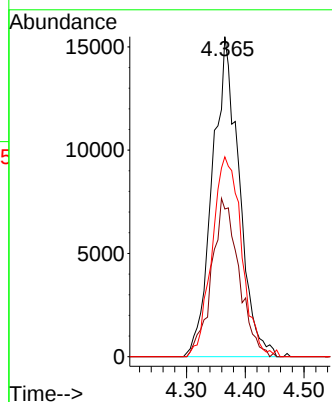
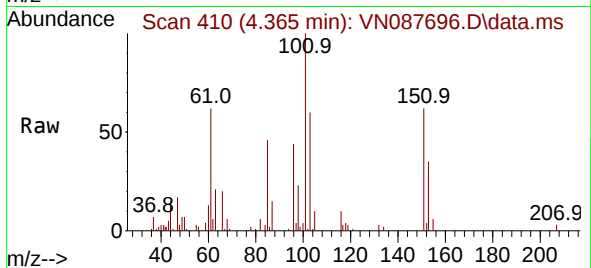
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.452 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion:101 Resp: 48908  
Ion Ratio Lower Upper  
101 100  
85 50.5 36.6 55.0  
151 69.2 54.7 82.1

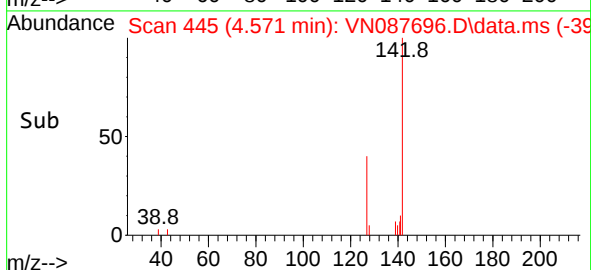
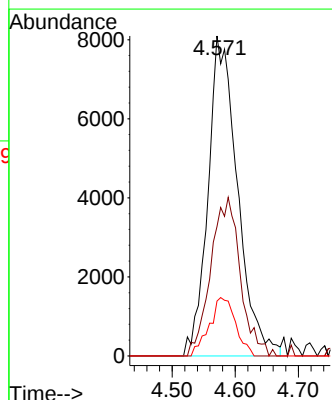
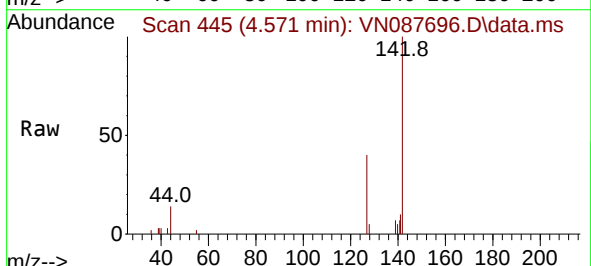
Manual Integrations  
APPROVED

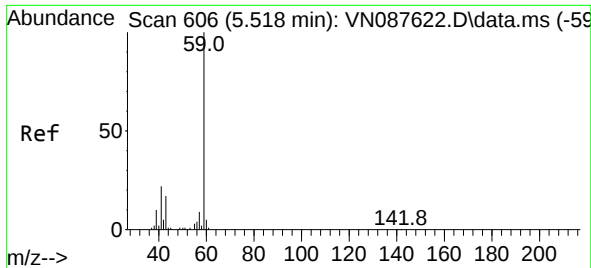
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#10  
Methyl Iodide  
Concen: 18.284 ug/l  
RT: 4.571 min Scan# 445  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

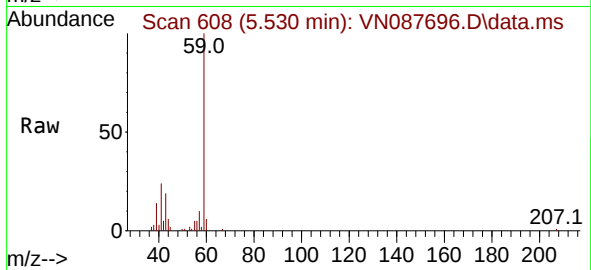
Tgt Ion:142 Resp: 26311  
Ion Ratio Lower Upper  
142 100  
127 40.4 38.0 57.0  
141 17.2 12.0 18.0





#11  
Tert butyl alcohol  
Concen: 97.443 ug/l  
RT: 5.530 min Scan# 608  
Delta R.T. 0.012 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

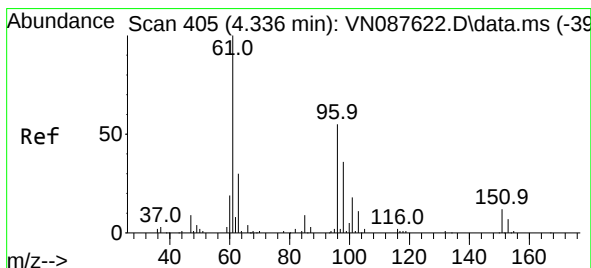
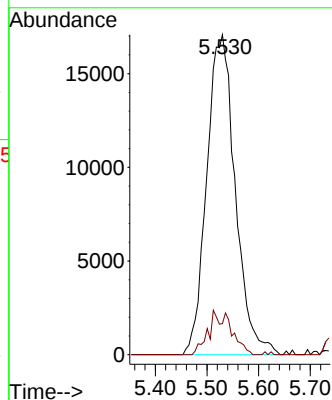
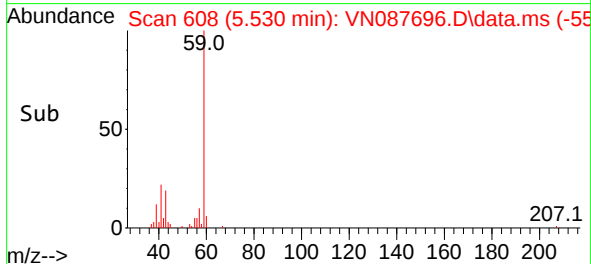
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



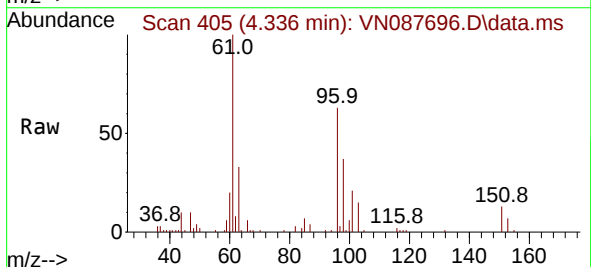
Tgt Ion: 59 Resp: 6548  
Ion Ratio Lower Upper  
59 100  
57 5.5 9.0 13.4

Manual Integrations  
APPROVED

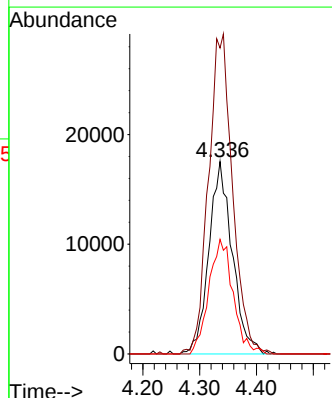
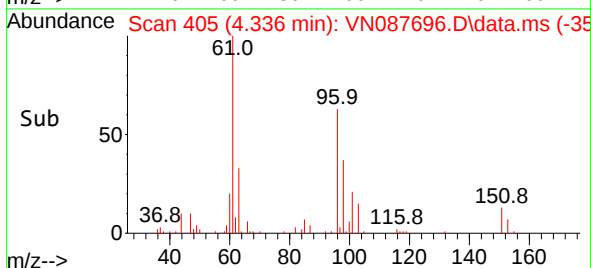
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

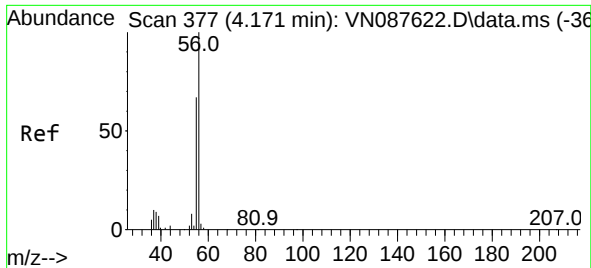


#12  
1,1-Dichloroethene  
Concen: 18.426 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



Tgt Ion: 96 Resp: 50191  
Ion Ratio Lower Upper  
96 100  
61 158.8 143.8 215.8  
98 59.5 52.1 78.1





#13

Acrolein

Concen: 78.418 ug/l

RT: 4.171 min Scan# 377

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

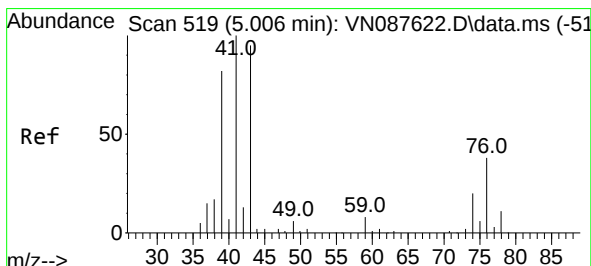
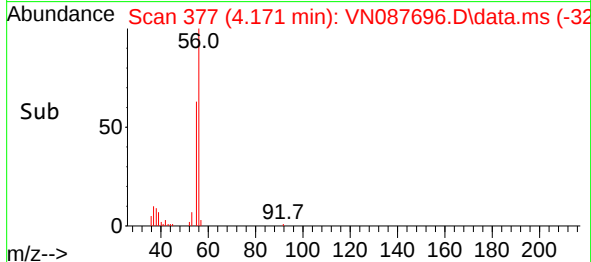
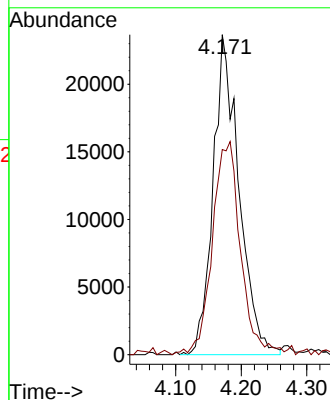
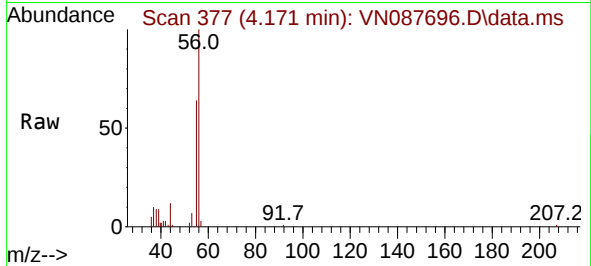
VN0829MBS01

Tgt Ion: 56 Resp: 64784  
 Ion Ratio Lower Upper  
 56 100  
 55 72.2 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025  
 Supervised By :Semsettin Yesilyurt 09/03/2025



#14

Allyl chloride

Concen: 16.391 ug/l

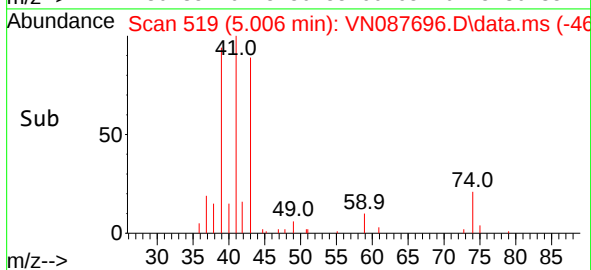
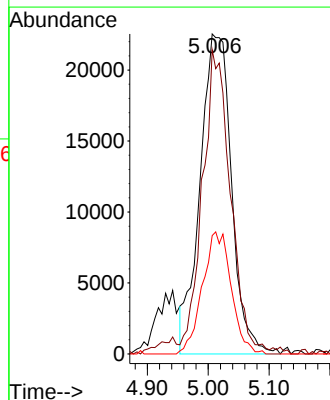
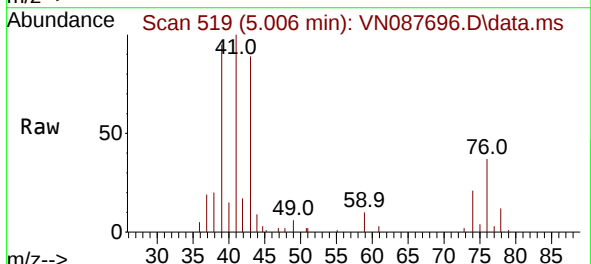
RT: 5.006 min Scan# 519

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

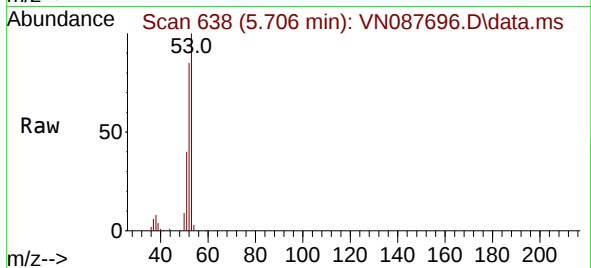
Tgt Ion: 41 Resp: 80908  
 Ion Ratio Lower Upper  
 41 100  
 39 82.3 63.9 95.9  
 76 34.9 28.1 42.1





#15  
Acrylonitrile  
Concen: 92.979 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

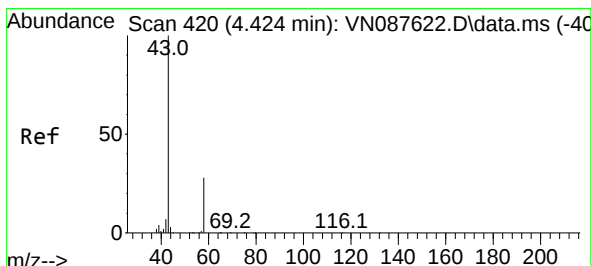
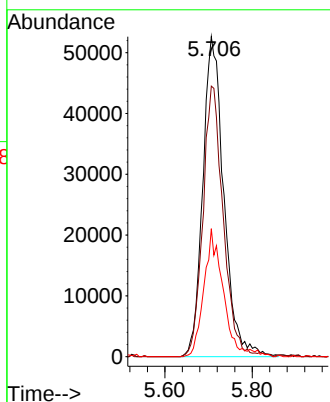
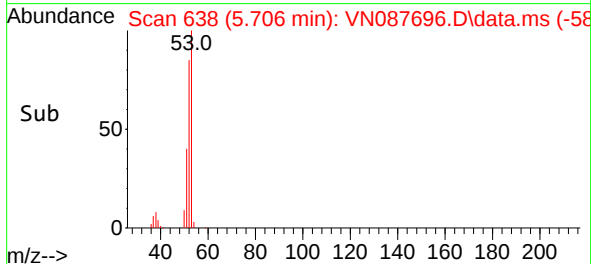
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion: 53 Resp: 176210  
Ion Ratio Lower Upper  
53 100  
52 81.2 67.6 101.4  
51 35.7 30.1 45.1

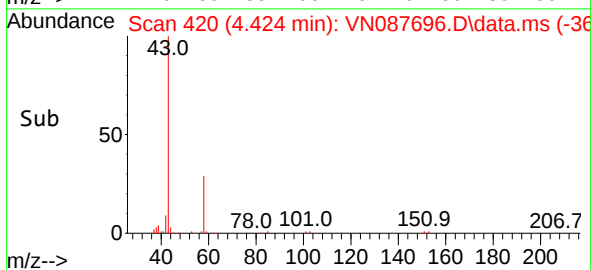
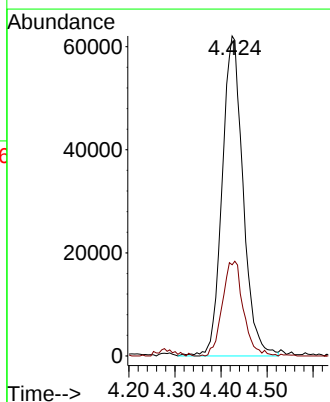
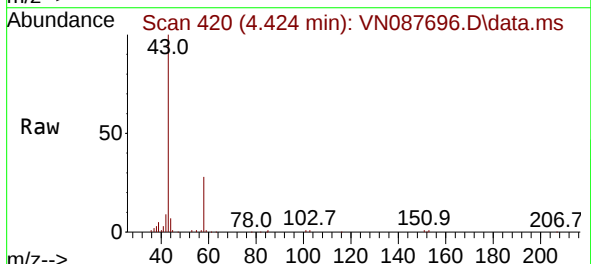
Manual Integrations  
APPROVED

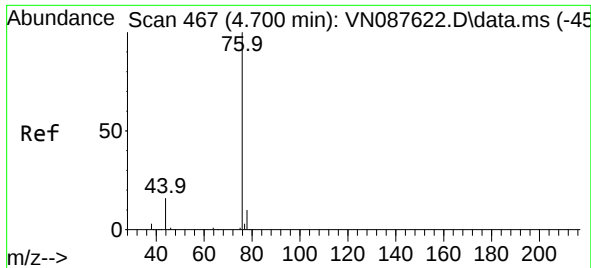
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#16  
Acetone  
Concen: 92.563 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

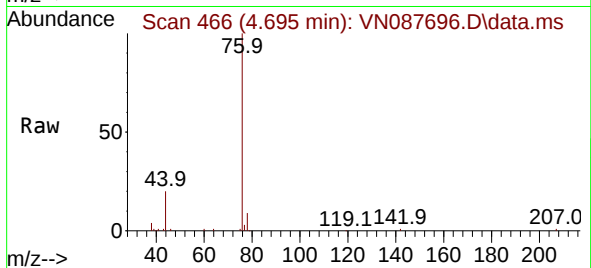
Tgt Ion: 43 Resp: 195049  
Ion Ratio Lower Upper  
43 100  
58 28.5 22.6 33.8





#17  
Carbon Disulfide  
Concen: 16.478 ug/l  
RT: 4.695 min Scan# 466  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

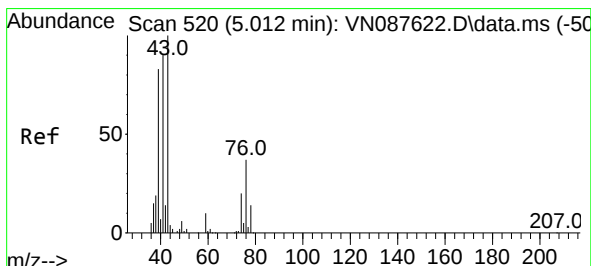
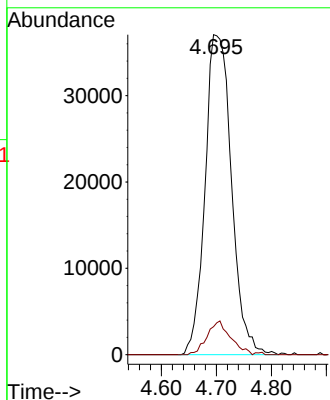
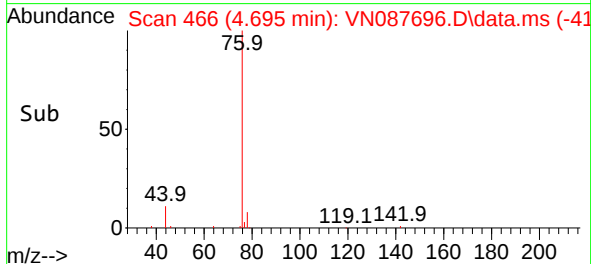
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



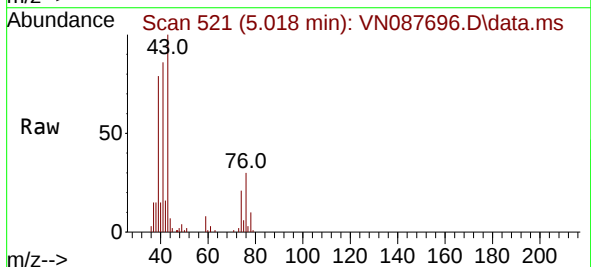
Tgt Ion: 76 Resp: 12356  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.6 11.4

Manual Integrations  
APPROVED

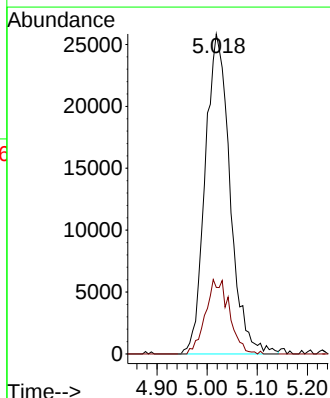
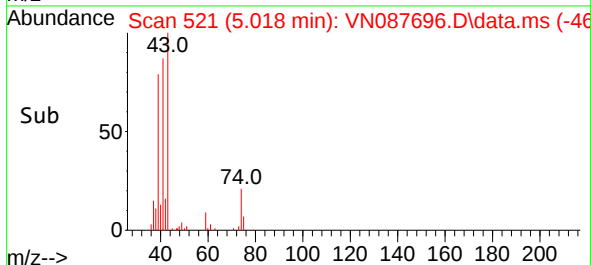
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

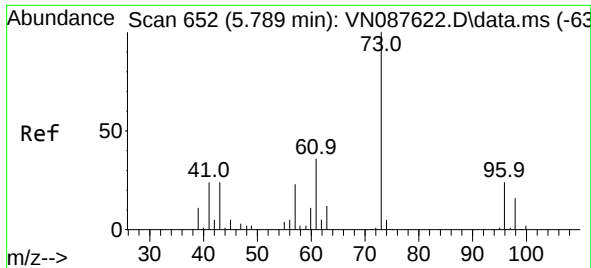


#18  
Methyl Acetate  
Concen: 20.185 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



Tgt Ion: 43 Resp: 89056  
Ion Ratio Lower Upper  
43 100  
74 22.4 17.6 26.4





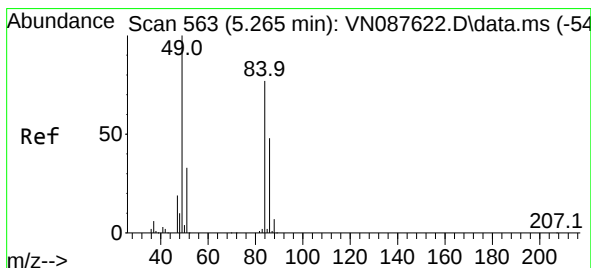
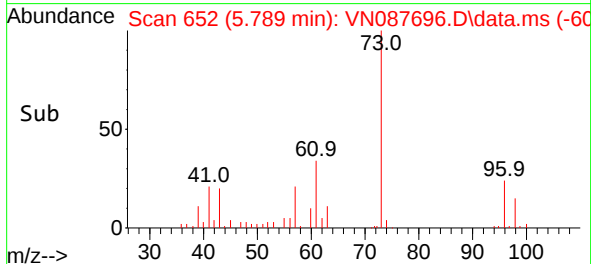
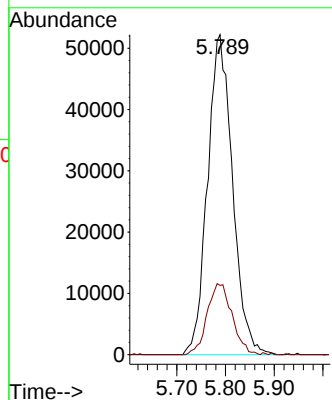
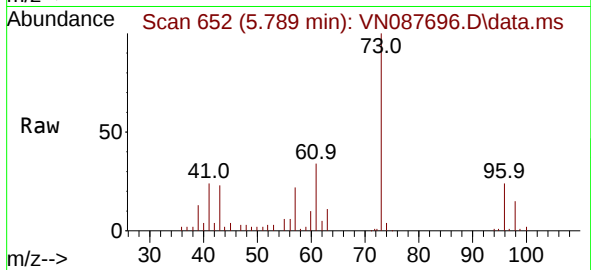
#19  
Methyl tert-butyl Ether  
Concen: 18.188 ug/l  
RT: 5.789 min Scan# 652  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion: 73 Resp: 18585  
Ion Ratio Lower Upper  
73 100  
57 21.6 18.4 27.6

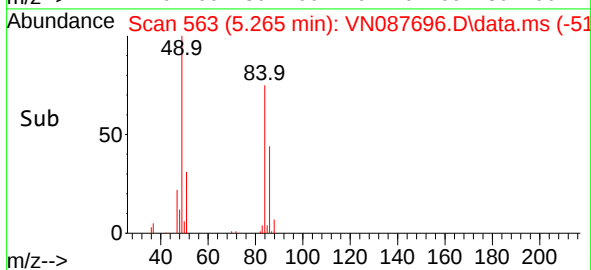
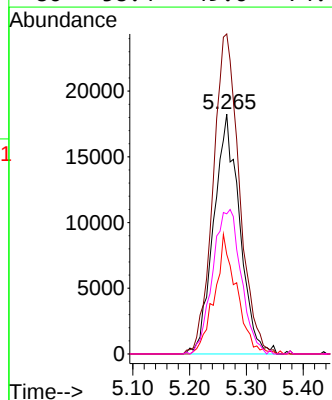
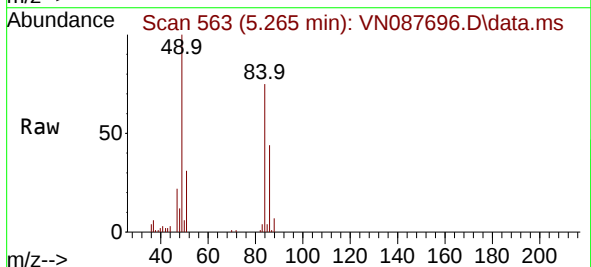
Manual Integrations  
APPROVED

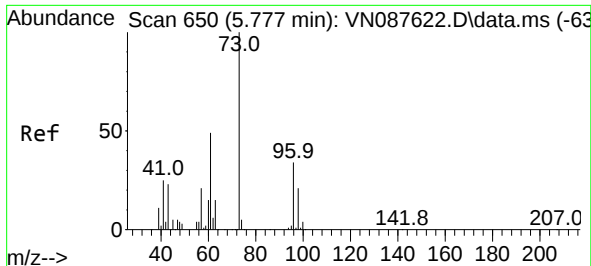
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#20  
Methylene Chloride  
Concen: 18.102 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

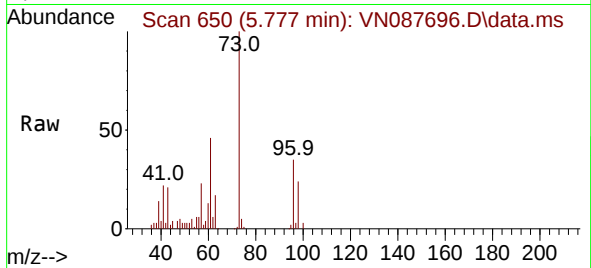
Tgt Ion: 84 Resp: 57586  
Ion Ratio Lower Upper  
84 100  
49 133.4 103.4 155.2  
51 41.5 33.8 50.8  
86 58.4 49.6 74.4





#21  
trans-1,2-Dichloroethene  
Concen: 16.914 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

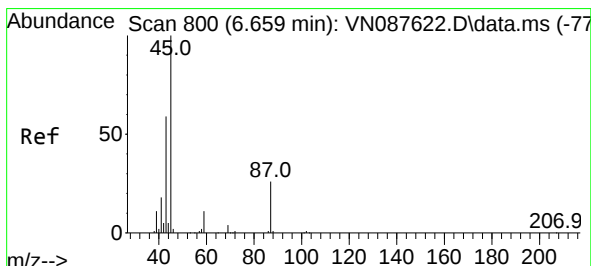
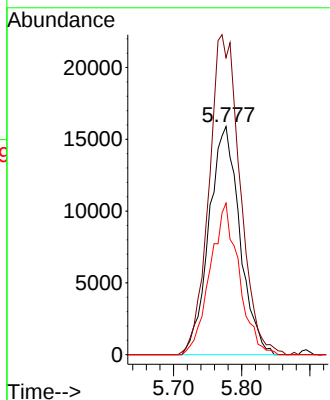
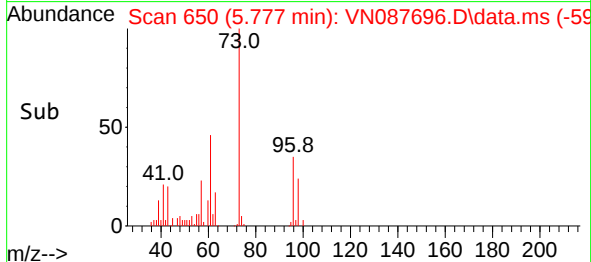
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion: 96 Resp: 4993  
Ion Ratio Lower Upper  
96 100  
61 130.1 118.0 177.0  
98 66.4 50.0 75.0

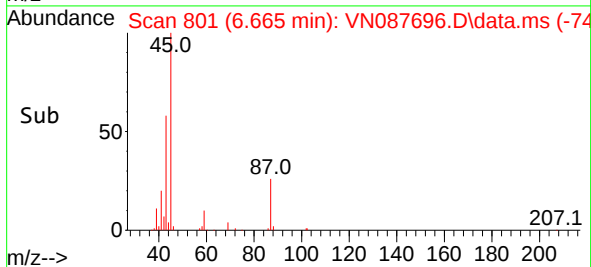
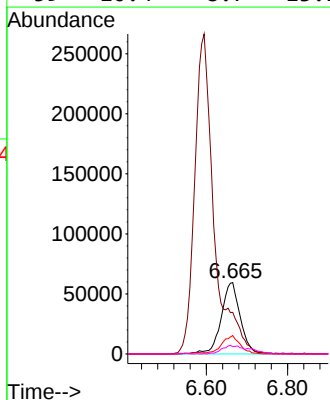
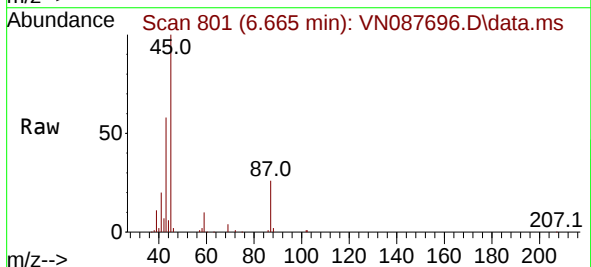
Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#22  
Diisopropyl ether  
Concen: 18.213 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

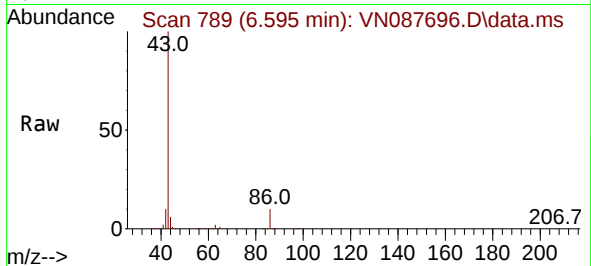
Tgt Ion: 45 Resp: 194004  
Ion Ratio Lower Upper  
45 100  
43 57.4 47.7 71.5  
87 25.8 21.4 32.0  
59 10.4 8.7 13.1





#23  
 Vinyl Acetate  
 Concen: 91.028 ug/l  
 RT: 6.595 min Scan# 789  
 Delta R.T. 0.006 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24

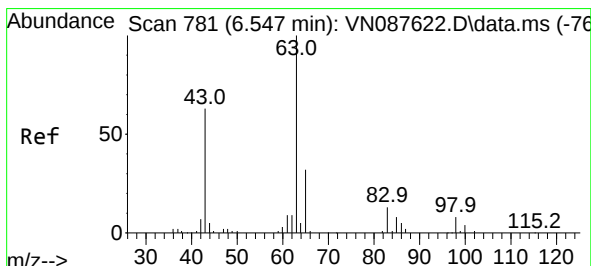
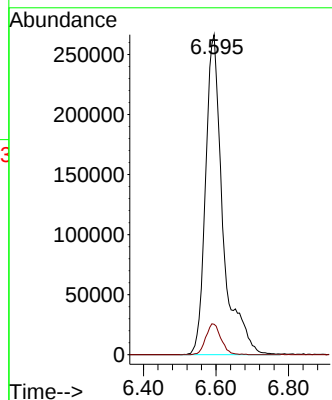
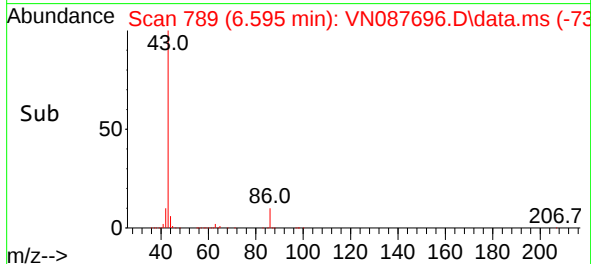
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0829MBS01



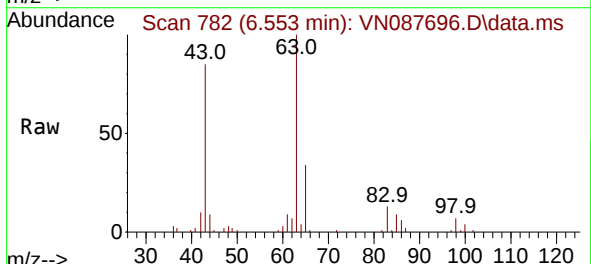
Tgt Ion: 43 Resp: 88216  
 Ion Ratio Lower Upper  
 43 100  
 86 9.5 8.2 12.4

Manual Integrations  
 APPROVED

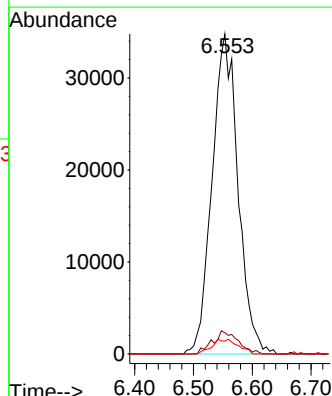
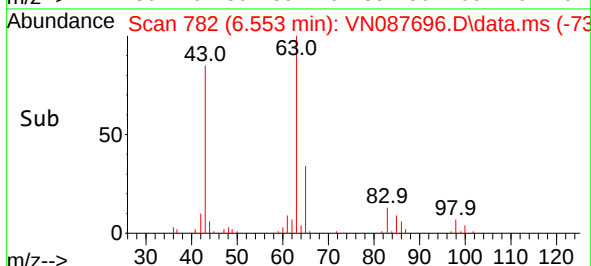
Reviewed By :John Carlone 09/02/2025  
 Supervised By :Semsettin Yesilyurt 09/03/2025



#24  
 1,1-Dichloroethane  
 Concen: 18.258 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. 0.006 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24



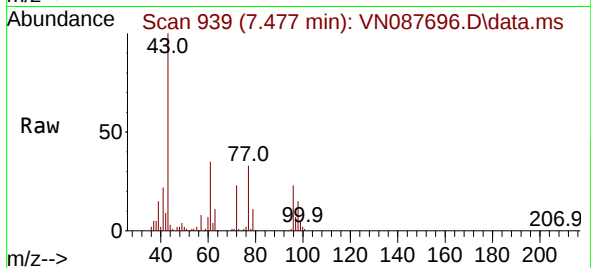
Tgt Ion: 63 Resp: 106632  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.8 11.4  
 100 4.0 2.0 6.0





#25  
2-Butanone  
Concen: 92.589 ug/l  
RT: 7.477 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

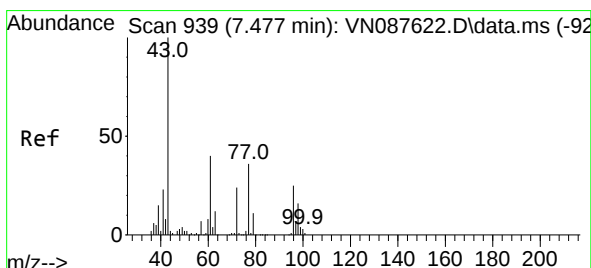
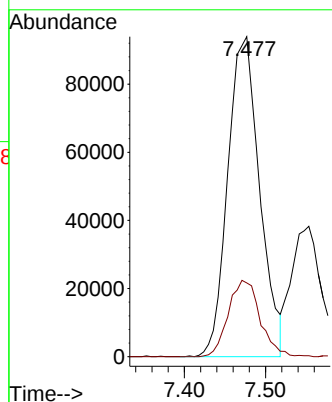
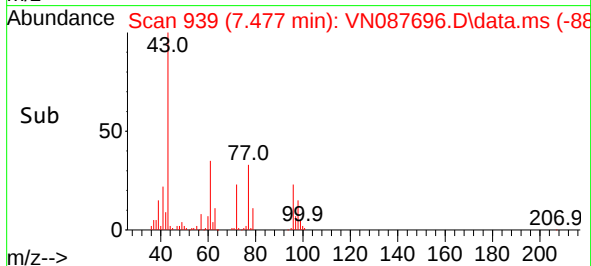
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion: 43 Resp: 25668  
Ion Ratio Lower Upper  
43 100  
72 23.1 19.9 29.9

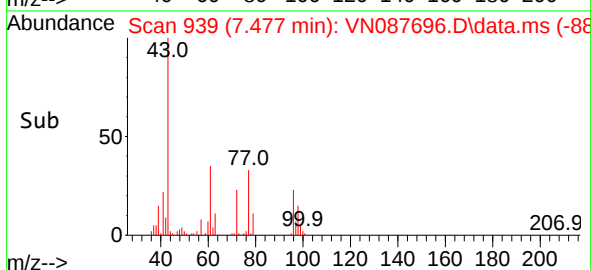
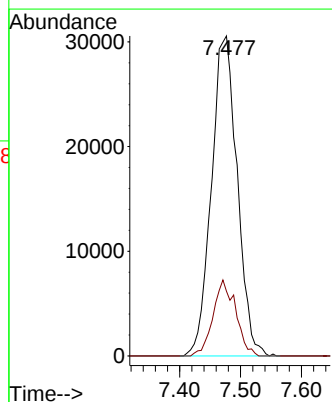
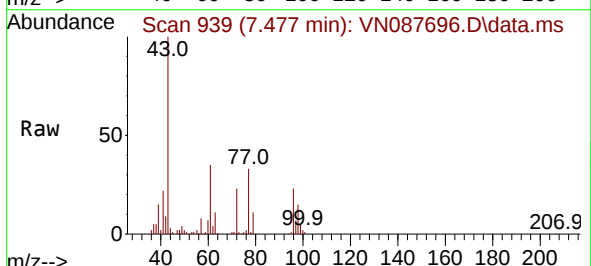
Manual Integrations  
APPROVED

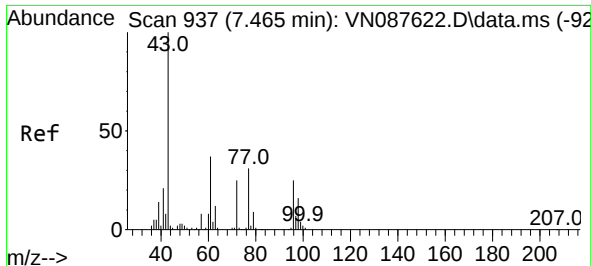
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#26  
2,2-Dichloropropane  
Concen: 17.925 ug/l  
RT: 7.477 min Scan# 939  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

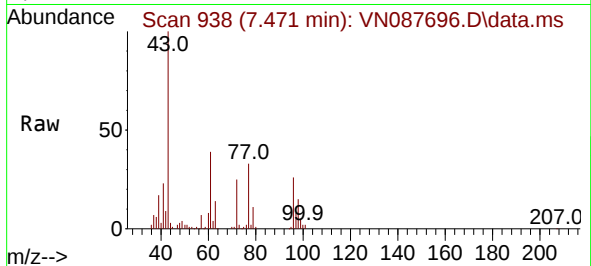
Tgt Ion: 77 Resp: 89854  
Ion Ratio Lower Upper  
77 100  
97 20.9 10.9 32.7





#27  
 cis-1,2-Dichloroethene  
 Concen: 17.534 ug/l  
 RT: 7.471 min Scan# 938  
 Delta R.T. 0.006 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24

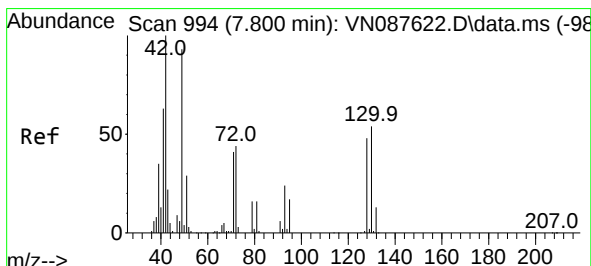
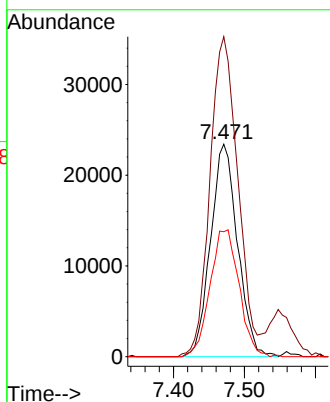
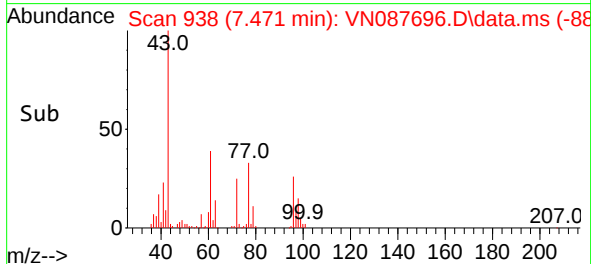
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0829MBS01



Tgt Ion: 96 Resp: 61880  
 Ion Ratio Lower Upper  
 96 100  
 61 154.7 0.0 301.8  
 98 64.3 0.0 126.2

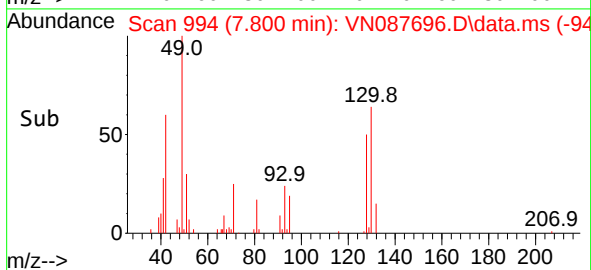
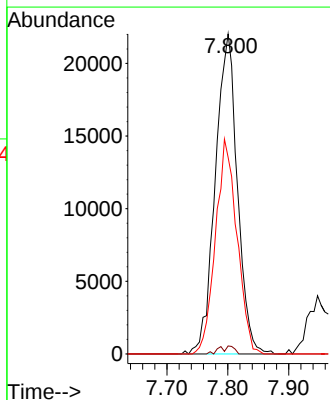
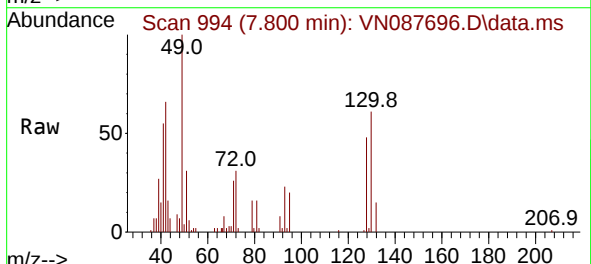
Manual Integrations  
 APPROVED

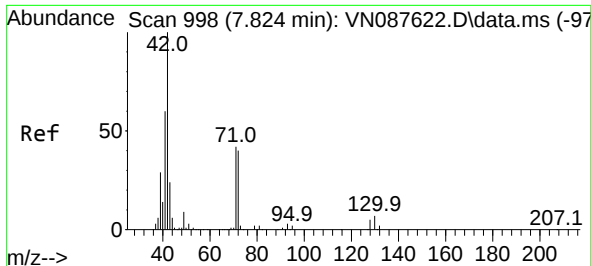
Reviewed By :John Carlone 09/02/2025  
 Supervised By :Semsettin Yesilyurt 09/03/2025



#28  
 Bromochloromethane  
 Concen: 19.685 ug/l  
 RT: 7.800 min Scan# 994  
 Delta R.T. 0.000 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24

Tgt Ion: 49 Resp: 55580  
 Ion Ratio Lower Upper  
 49 100  
 129 0.9 0.0 3.0  
 130 65.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 88.947 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087696.D

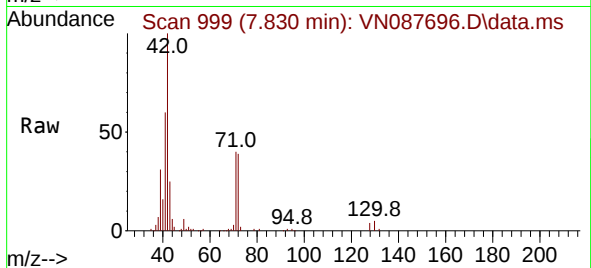
Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01



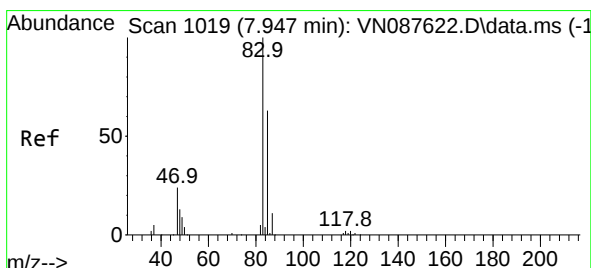
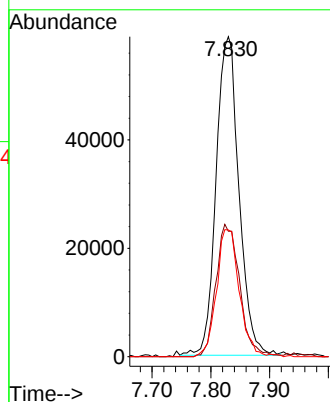
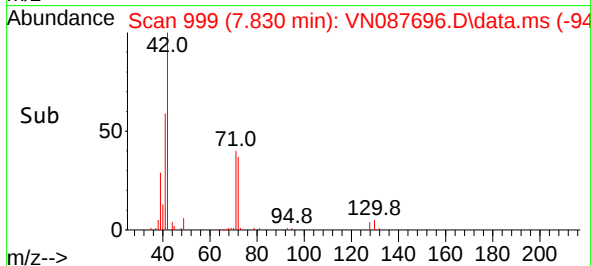
| Tgt Ion:  | 42   | Resp: | 15869 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 42        | 100  |       |       |
| 72        | 43.1 | 33.7  | 50.5  |
| 71        | 39.7 | 31.9  | 47.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#30

Chloroform

Concen: 18.799 ug/l

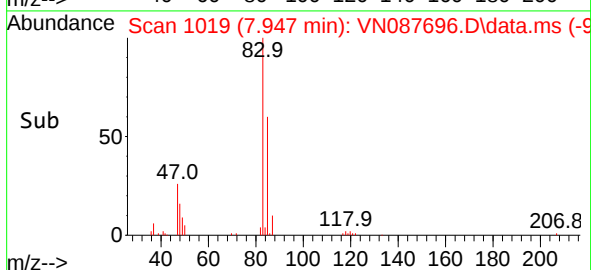
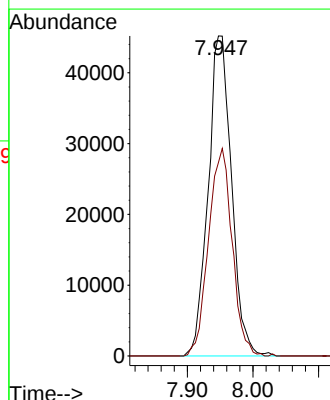
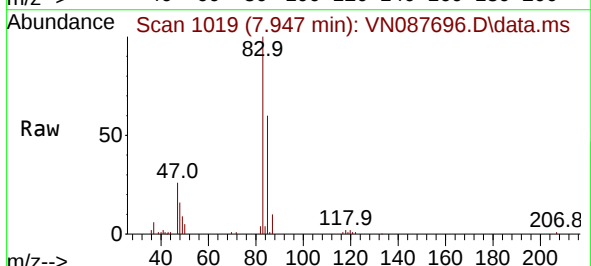
RT: 7.947 min Scan# 1019

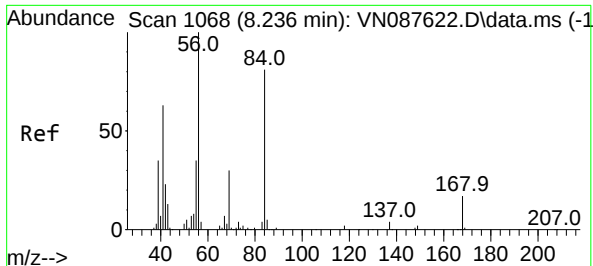
Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

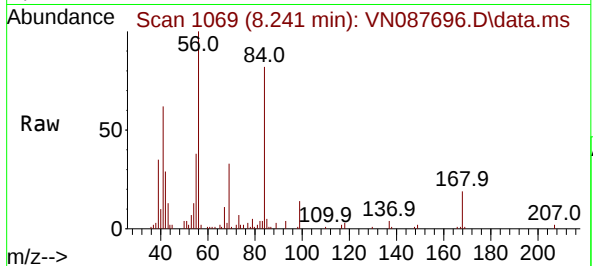
| Tgt Ion:  | 83   | Resp: | 112063 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 60.4 | 50.7  | 76.1   |





#31  
Cyclohexane  
Concen: 16.495 ug/l  
RT: 8.241 min Scan# 1069  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

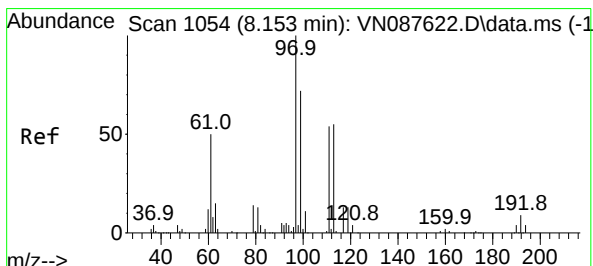
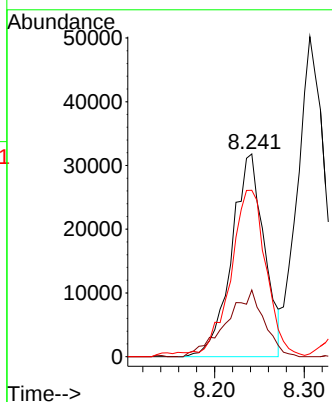
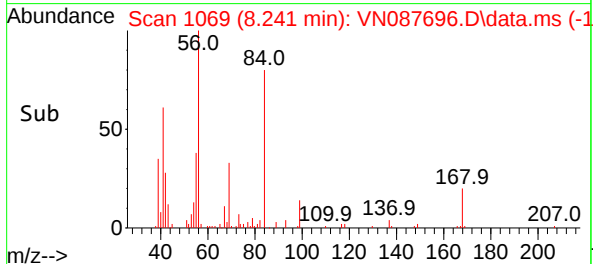
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



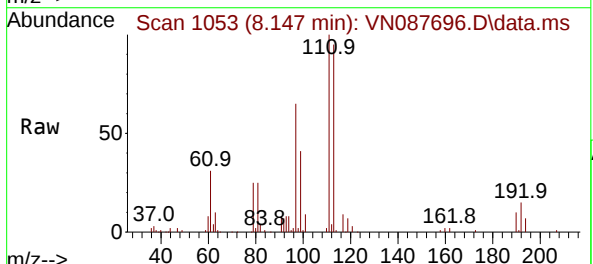
Tgt Ion: 56 Resp: 8031  
Ion Ratio Lower Upper  
56 100  
69 31.9 23.7 35.5  
84 79.9 64.7 97.1

Manual Integrations  
APPROVED

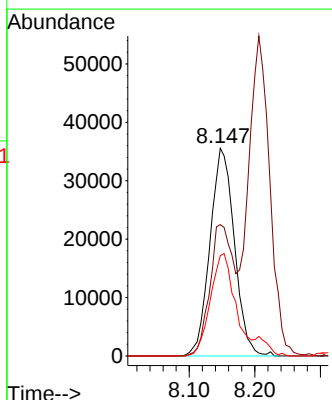
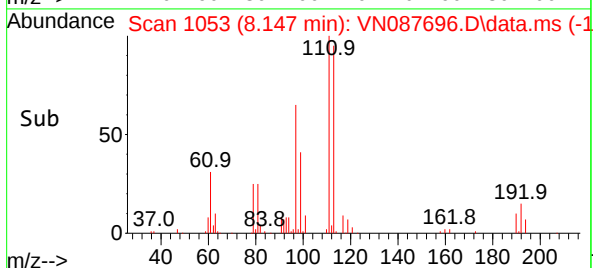
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

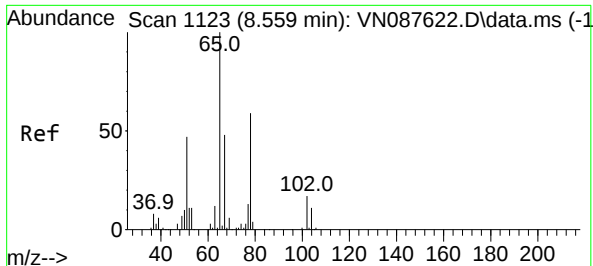


#32  
1,1,1-Trichloroethane  
Concen: 18.179 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



Tgt Ion: 97 Resp: 91842  
Ion Ratio Lower Upper  
97 100  
99 59.6 52.2 78.2  
61 49.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 48.508 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 65 Resp: 187772

Ion Ratio Lower Upper

65 100

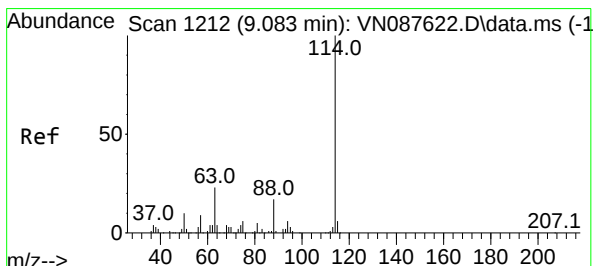
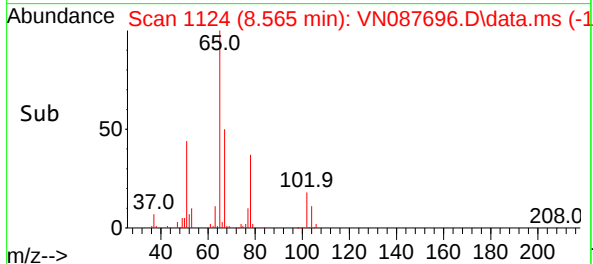
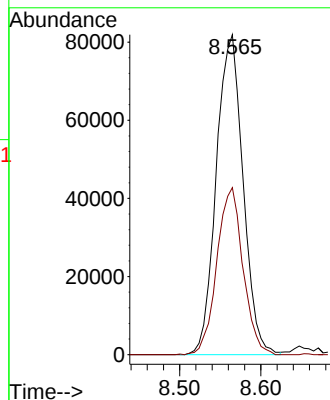
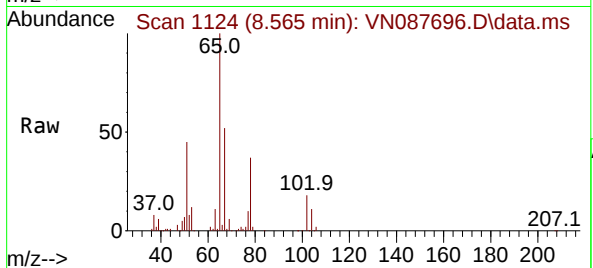
67 51.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

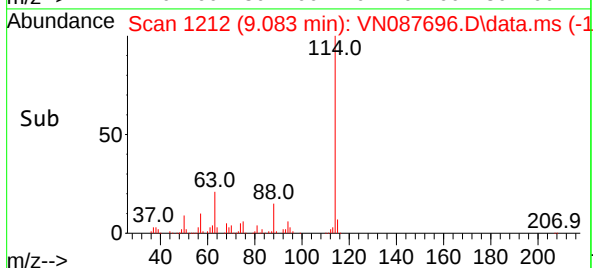
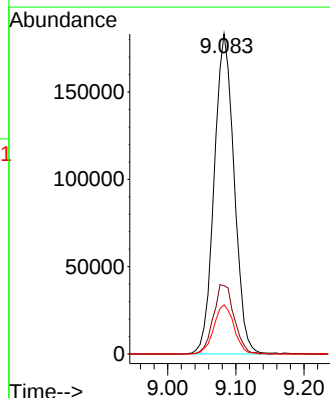
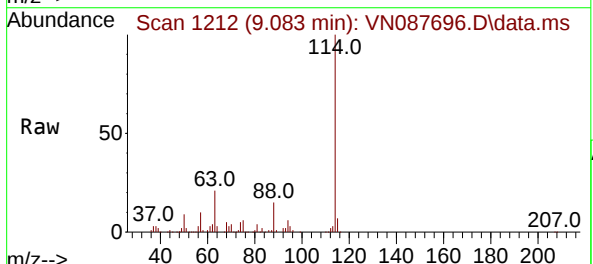
Tgt Ion:114 Resp: 373365

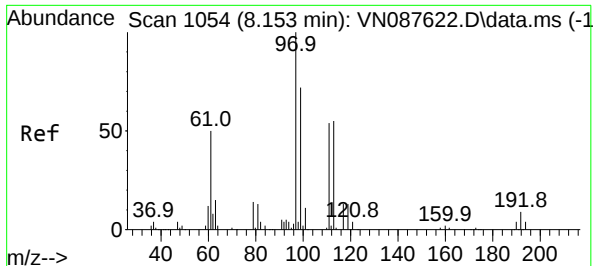
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.977 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 113 Resp: 126630

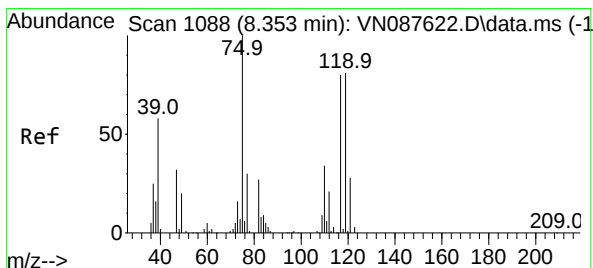
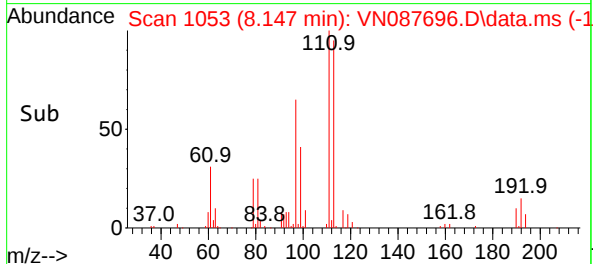
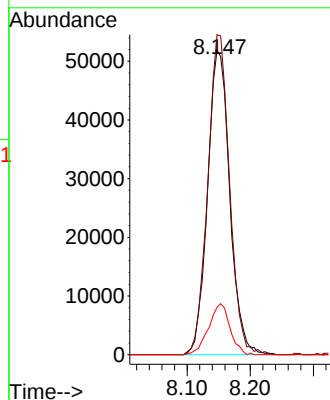
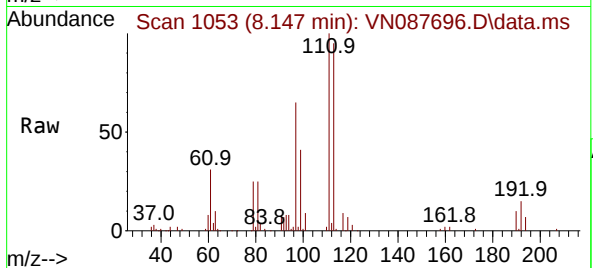
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.2 | 82.8  | 124.2 |
| 192 | 16.1  | 12.8  | 19.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#36

1,1-Dichloropropene

Concen: 16.473 ug/l

RT: 8.353 min Scan# 1088

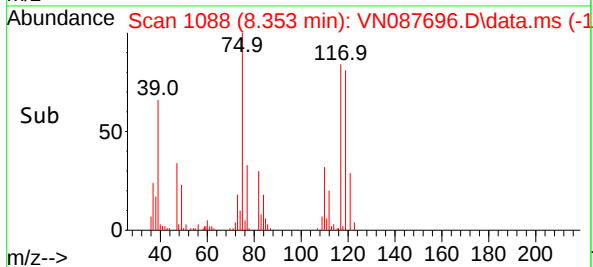
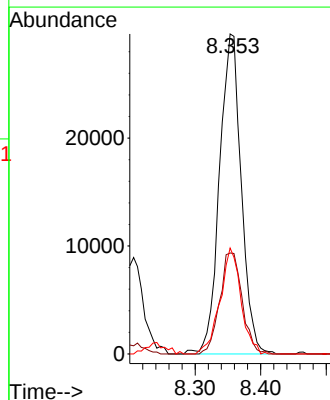
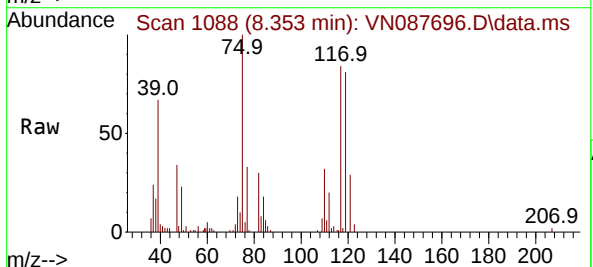
Delta R.T. 0.000 min

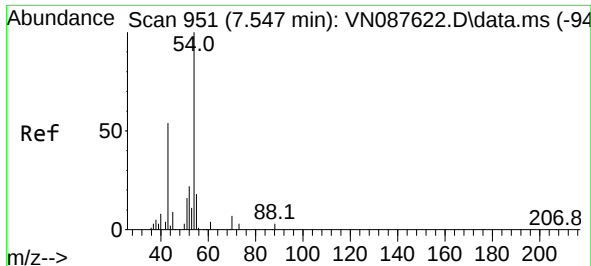
Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Tgt Ion: 75 Resp: 68123

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 32.6  | 15.9  | 47.6  |
| 77  | 31.9  | 24.4  | 36.6  |





#37

Ethyl Acetate

Concen: 16.141 ug/l

RT: 7.553 min Scan# 91214

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 43 Resp: 91214

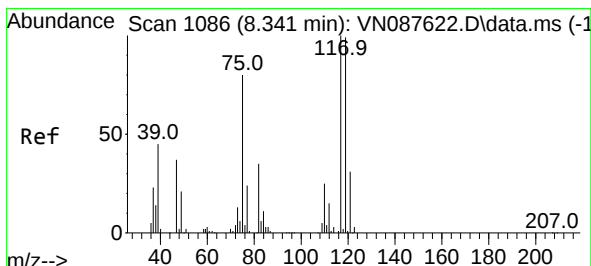
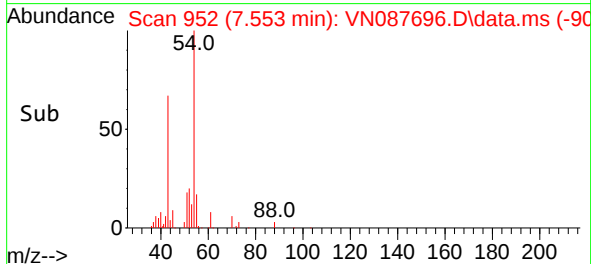
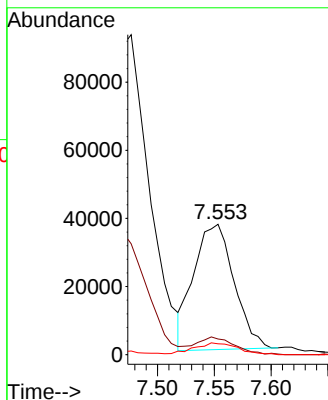
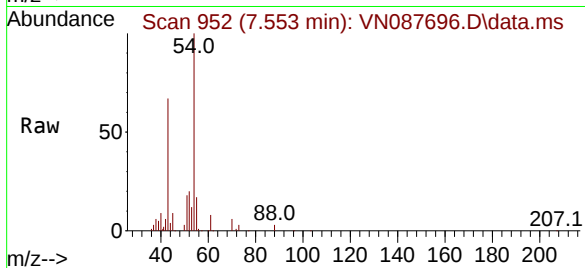
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.3  | 9.3   | 13.9  |
| 70  | 10.2  | 7.0   | 10.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#38

Carbon Tetrachloride

Concen: 17.584 ug/l

RT: 8.341 min Scan# 1086

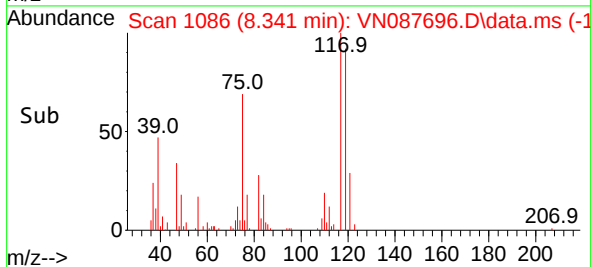
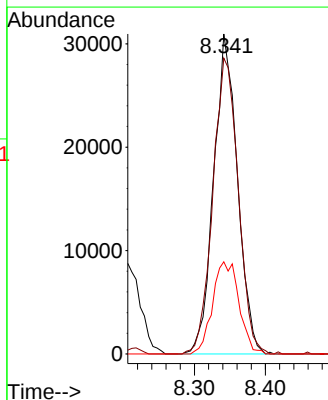
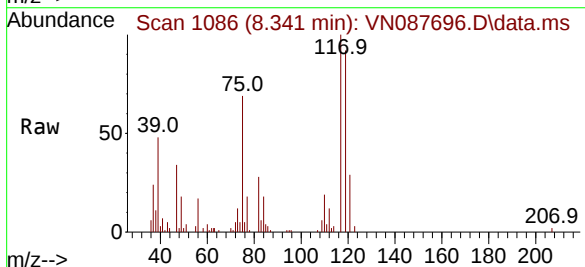
Delta R.T. 0.000 min

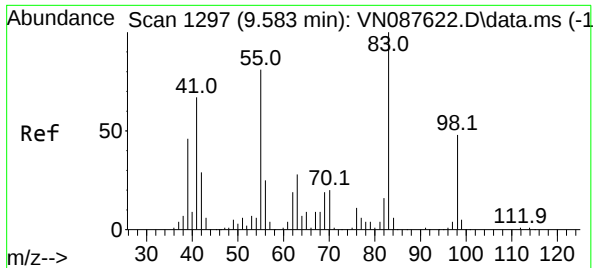
Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Tgt Ion:117 Resp: 71797

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 92.5  | 79.0  | 118.6 |
| 121 | 28.8  | 25.0  | 37.6  |





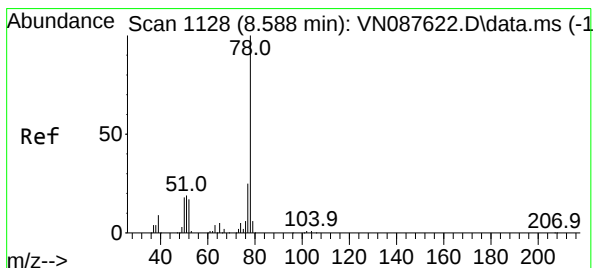
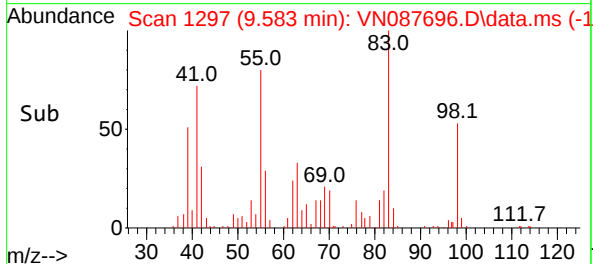
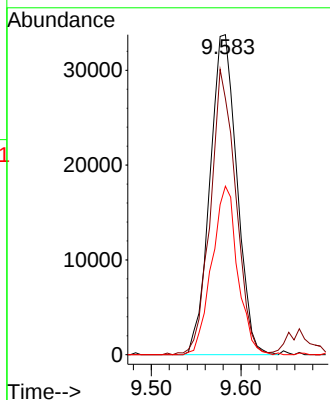
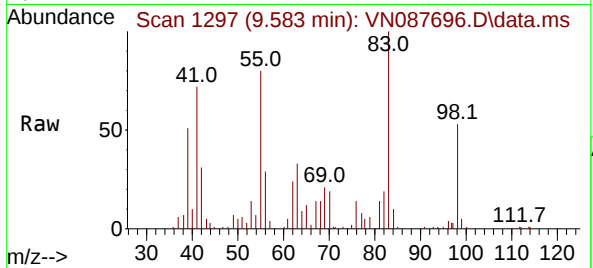
#39  
Methylcyclohexane  
Concen: 15.504 ug/l  
RT: 9.583 min Scan# 1297  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion: 83 Resp: 70588  
Ion Ratio Lower Upper  
83 100  
55 79.5 64.6 96.8  
98 52.7 38.4 57.6

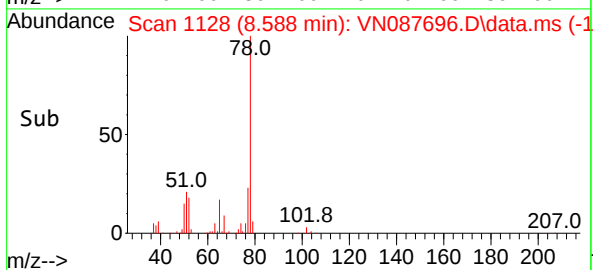
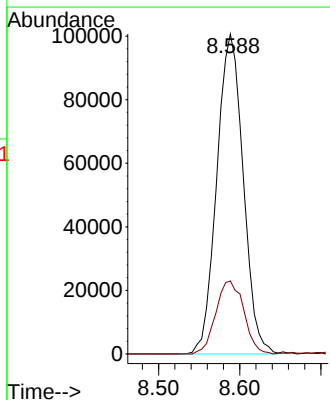
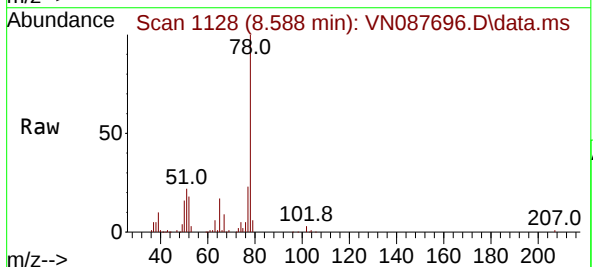
Manual Integrations  
APPROVED

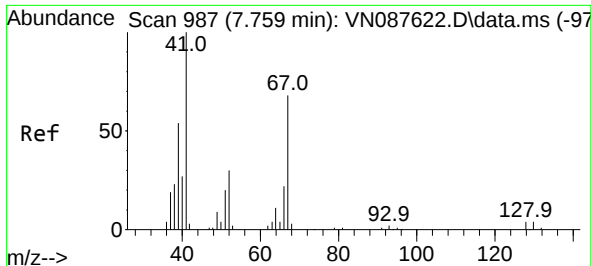
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#40  
Benzene  
Concen: 17.923 ug/l  
RT: 8.588 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

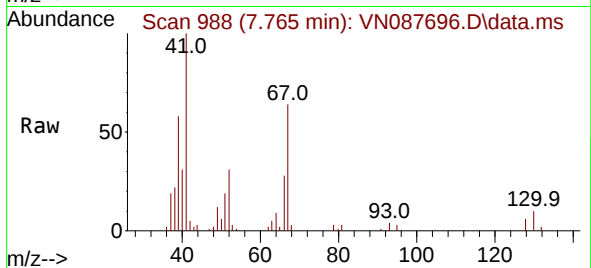
Tgt Ion: 78 Resp: 227341  
Ion Ratio Lower Upper  
78 100  
77 22.8 19.7 29.5





#41  
Methacrylonitrile  
Concen: 17.389 ug/l  
RT: 7.765 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

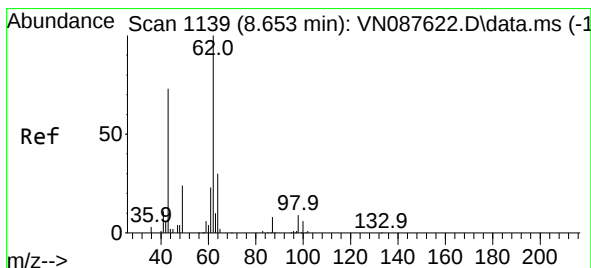
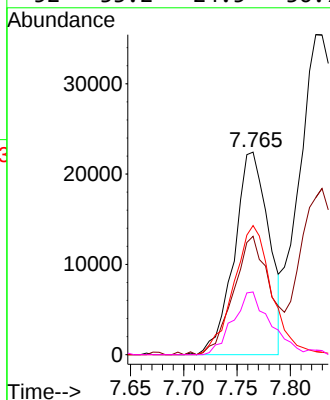
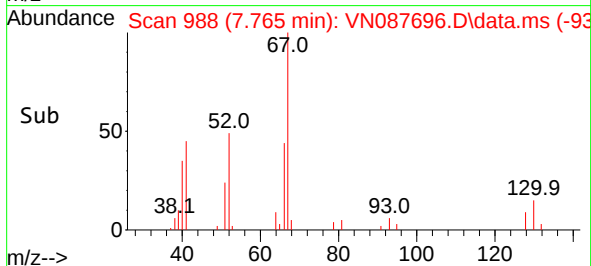
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



| Tgt Ion:  | 41   | Resp: | 50902 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 39        | 62.3 | 45.4  | 68.0  |
| 67        | 69.7 | 55.3  | 82.9  |
| 52        | 33.2 | 24.5  | 36.7  |

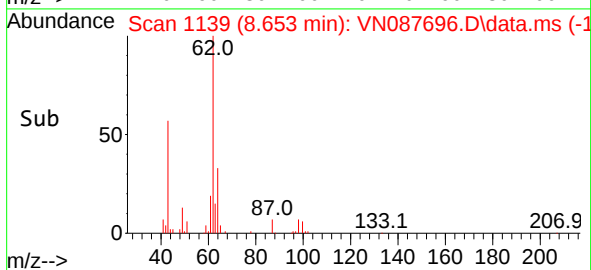
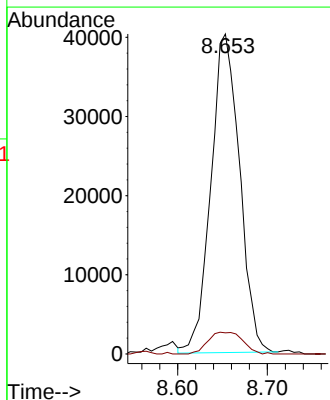
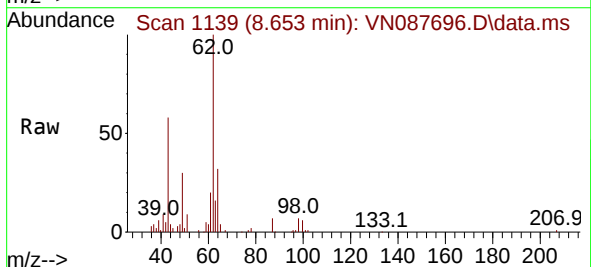
Manual Integrations  
APPROVED

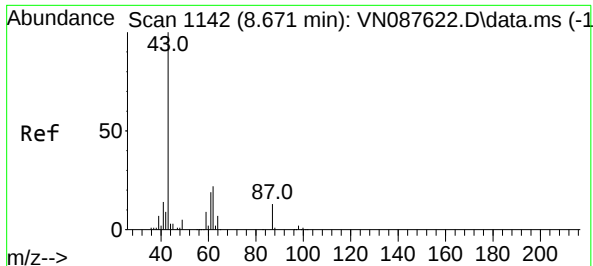
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#42  
1,2-Dichloroethane  
Concen: 18.355 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

| Tgt Ion:  | 62  | Resp: | 89468 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 98        | 8.3 | 0.0   | 17.4  |





#43

Isopropyl Acetate

Concen: 18.292 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

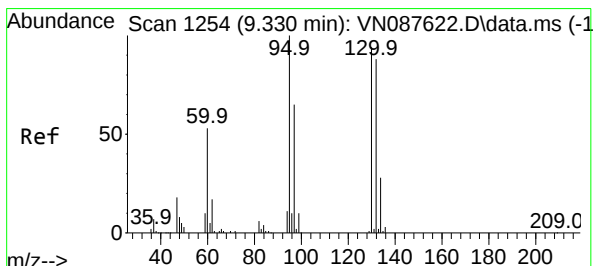
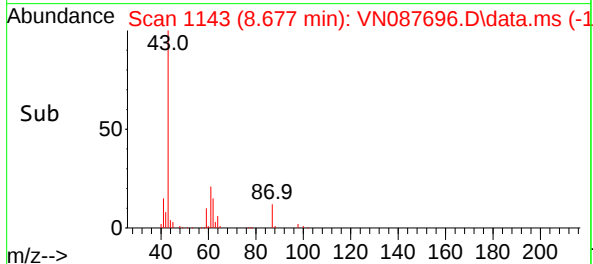
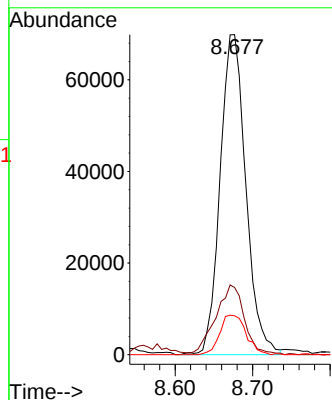
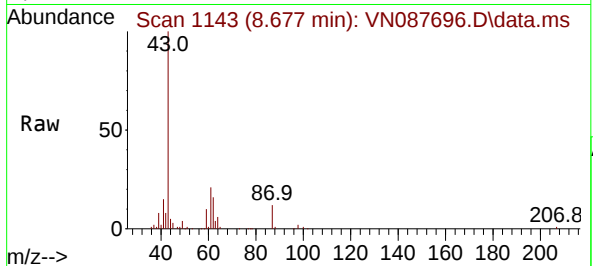
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 16139 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 24.3     | 18.8 28.2   |
| 87 12.7     | 9.6 14.4    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#44

Trichloroethene

Concen: 17.046 ug/l

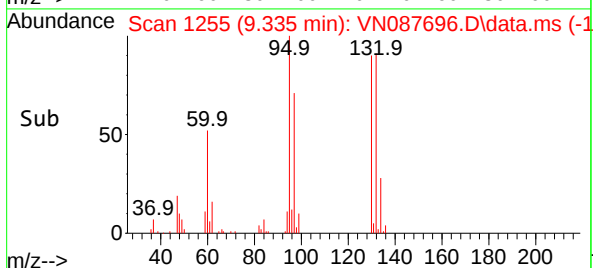
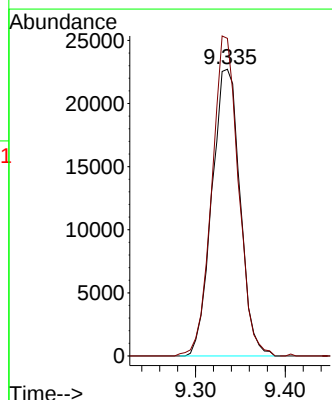
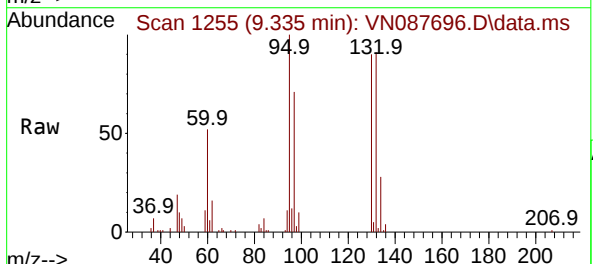
RT: 9.335 min Scan# 1255

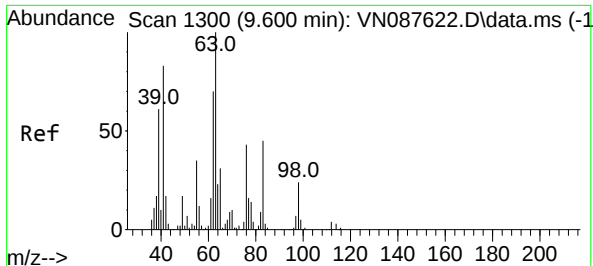
Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 49364 |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 110.8    | 0.0 212.0   |





#45

1,2-Dichloropropane

Concen: 18.337 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

Tgt Ion: 63 Resp: 6130

Ion Ratio Lower Upper

63 100

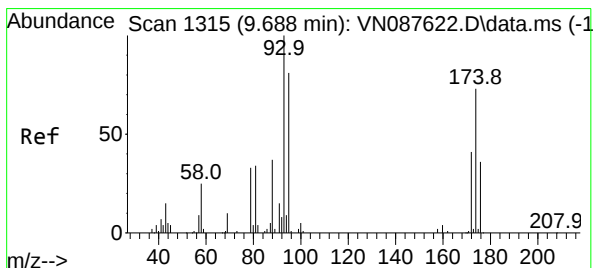
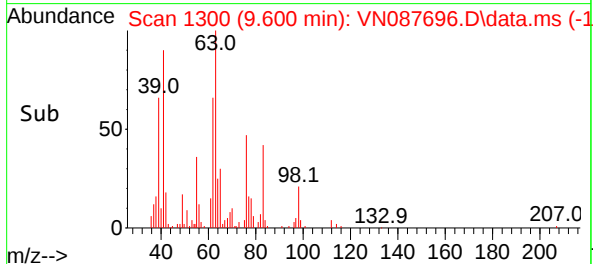
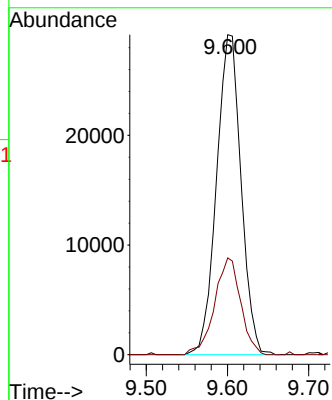
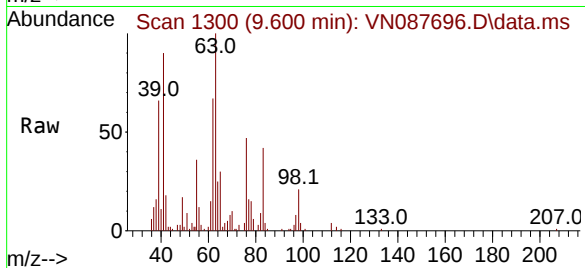
65 30.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#46

Dibromomethane

Concen: 18.563 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

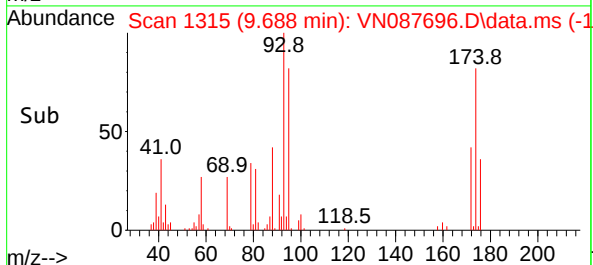
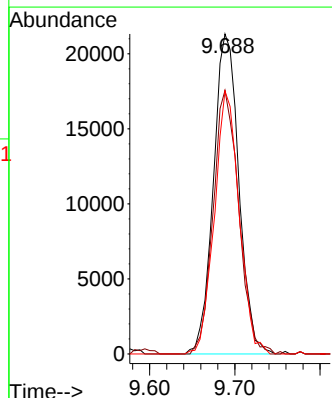
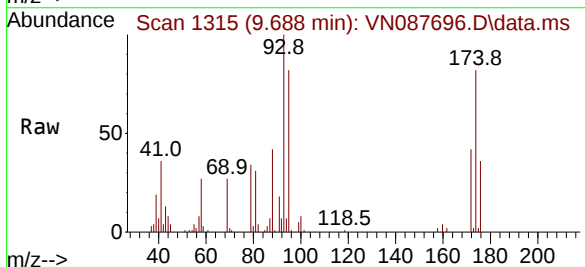
Tgt Ion: 93 Resp: 44167

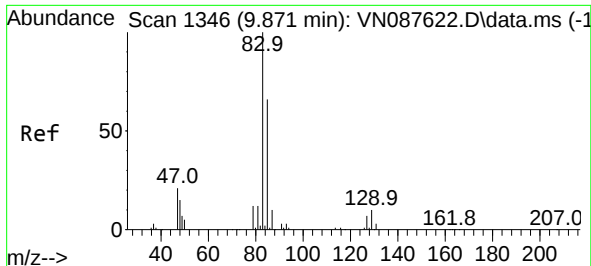
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 80.1 63.4 95.2





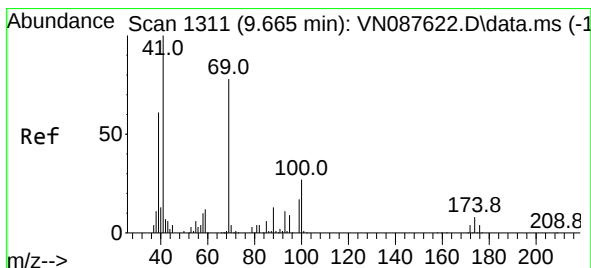
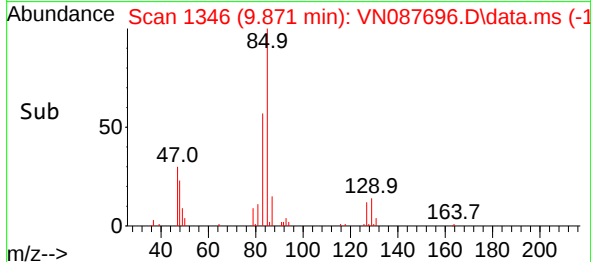
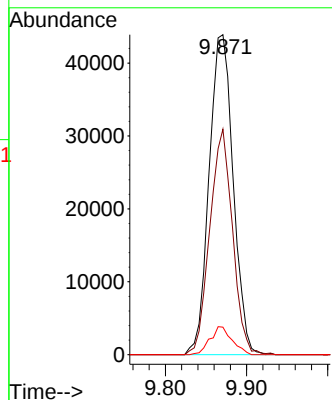
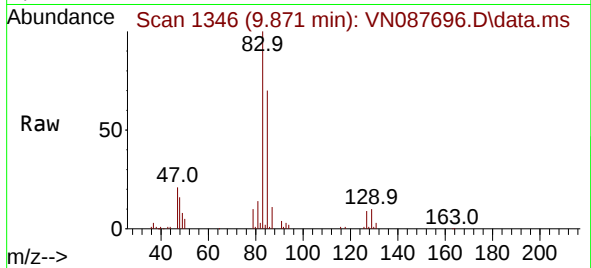
#47  
Bromodichloromethane  
Concen: 18.518 ug/l  
RT: 9.871 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion: 83 Resp: 9029  
Ion Ratio Lower Upper  
83 100  
85 70.5 52.5 78.7  
127 8.6 5.8 8.6

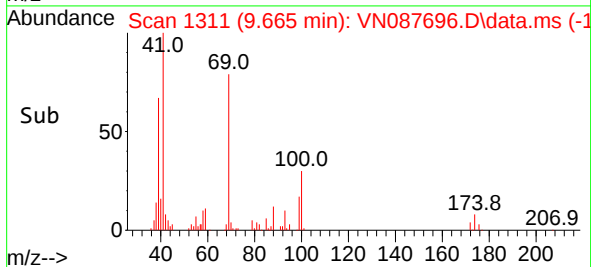
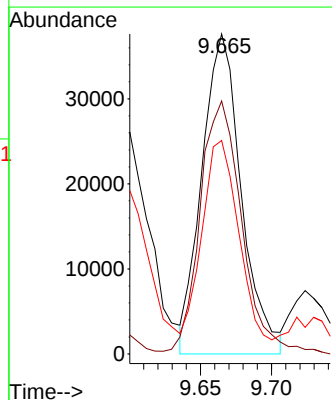
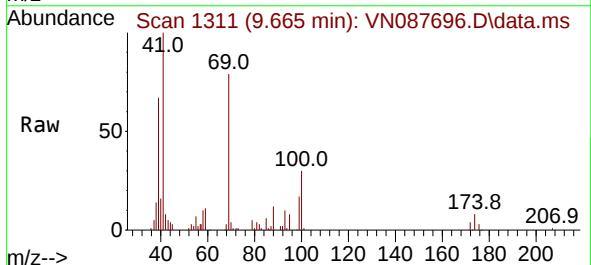
Manual Integrations  
APPROVED

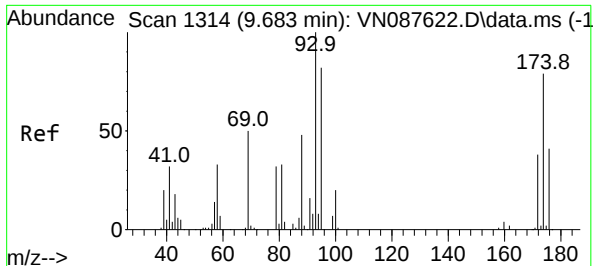
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#48  
Methyl methacrylate  
Concen: 17.413 ug/l  
RT: 9.665 min Scan# 1311  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Tgt Ion: 41 Resp: 72668  
Ion Ratio Lower Upper  
41 100  
69 83.9 62.7 94.1  
39 64.2 52.9 79.3





#49

1,4-Dioxane

Concen: 405.926 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087696.D

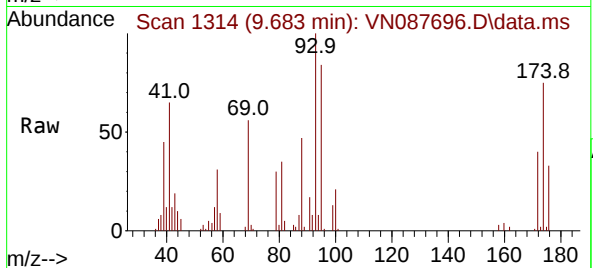
Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01



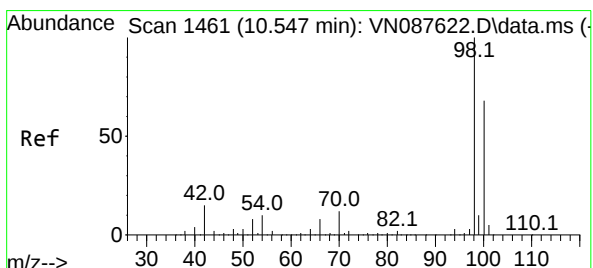
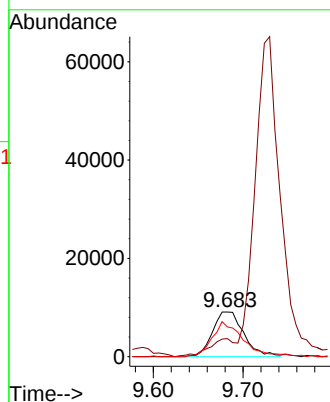
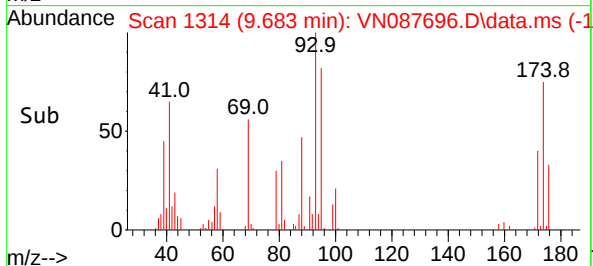
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 2195 |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 31.1  | 0.0   | 0.0  |
| 58        | 78.8  | 57.9  | 86.9 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#50

Toluene-d8

Concen: 45.726 ug/l

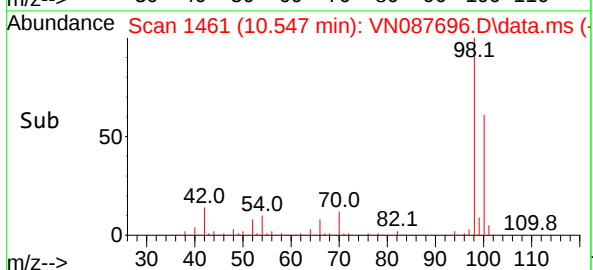
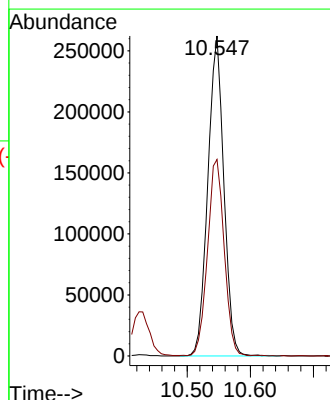
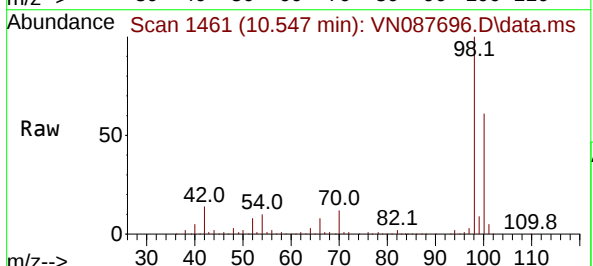
RT: 10.547 min Scan# 1461

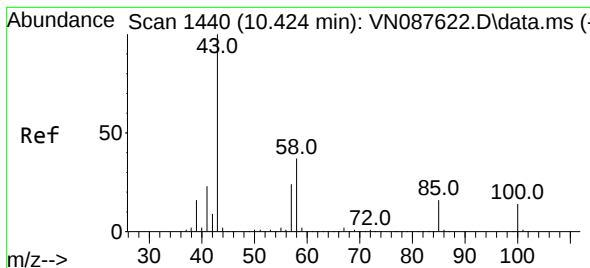
Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 461350 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.7  | 52.8  | 79.2   |





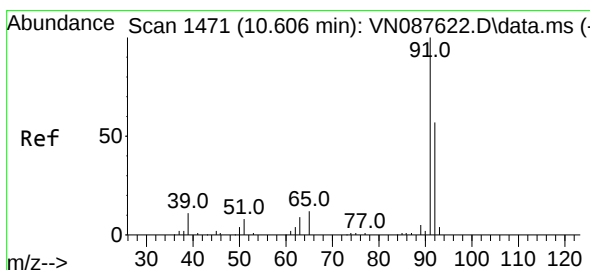
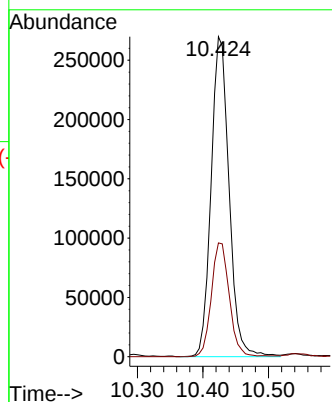
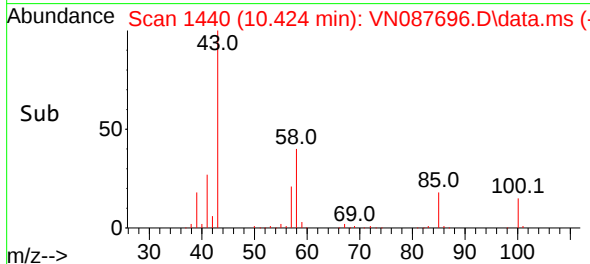
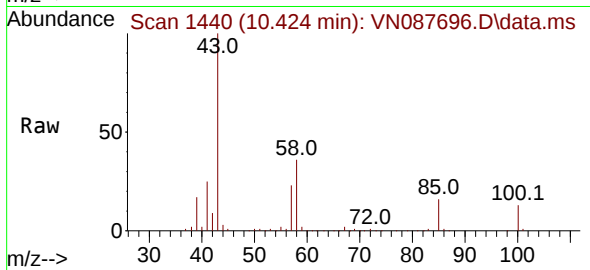
#51  
4-Methyl-2-Pentanone  
Concen: 96.430 ug/l  
RT: 10.424 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion: 43 Resp: 51331  
Ion Ratio Lower Upper  
43 100  
58 35.6 29.6 44.4

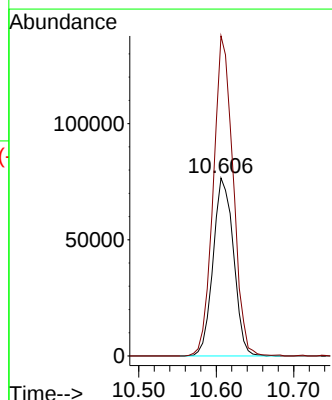
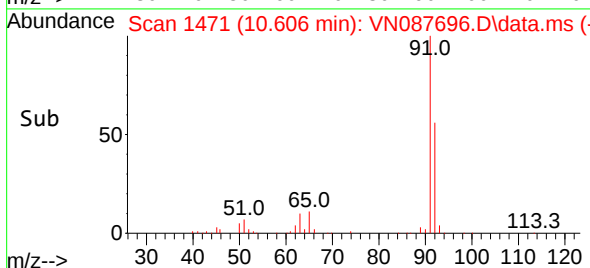
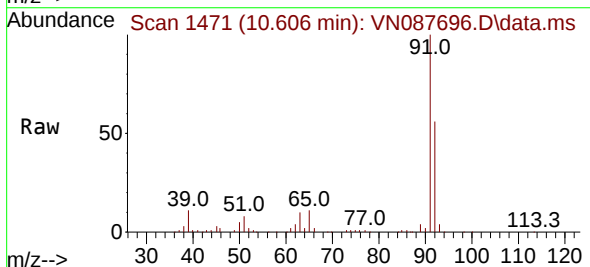
Manual Integrations  
APPROVED

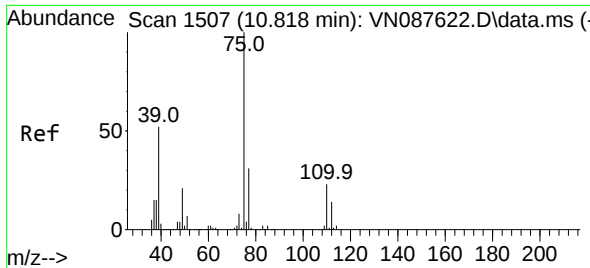
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#52  
Toluene  
Concen: 17.814 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

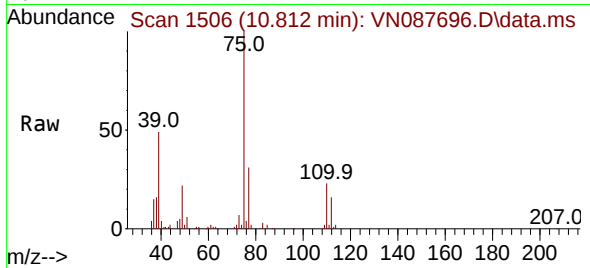
Tgt Ion: 92 Resp: 140083  
Ion Ratio Lower Upper  
92 100  
91 174.9 140.4 210.6





#53  
t-1,3-Dichloropropene  
Concen: 17.832 ug/l  
RT: 10.812 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

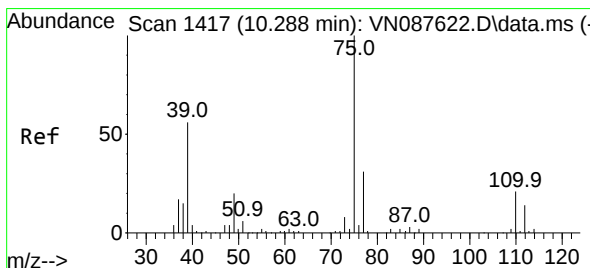
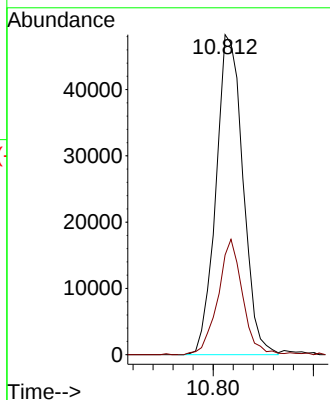
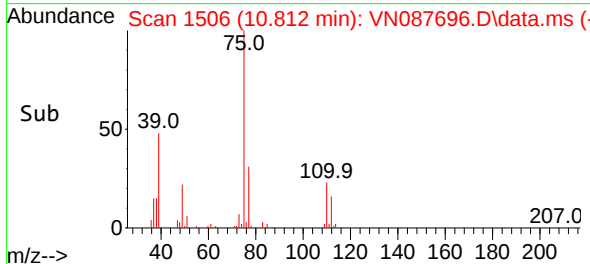
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion: 75 Resp: 90004  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.2 37.8

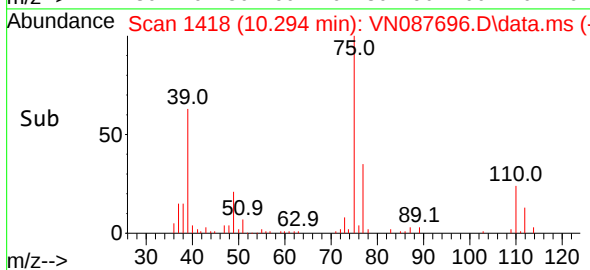
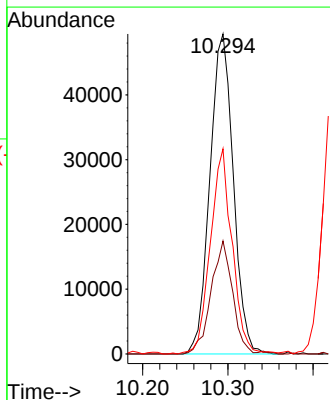
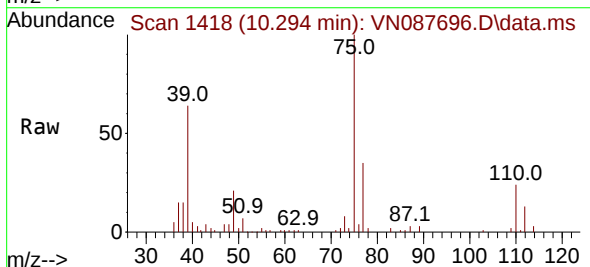
Manual Integrations  
APPROVED

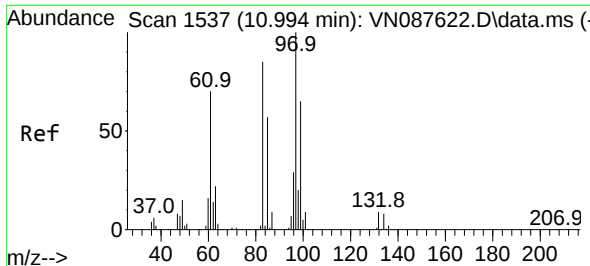
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#54  
cis-1,3-Dichloropropene  
Concen: 18.034 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

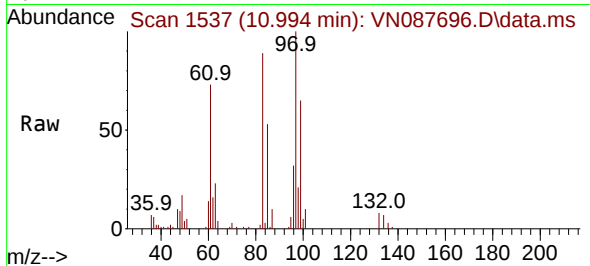
Tgt Ion: 75 Resp: 94514  
Ion Ratio Lower Upper  
75 100  
77 35.3 24.6 37.0  
39 64.1 45.2 67.8





#55  
1,1,2-Trichloroethane  
Concen: 18.988 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

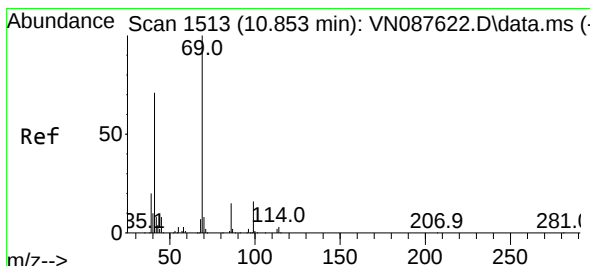
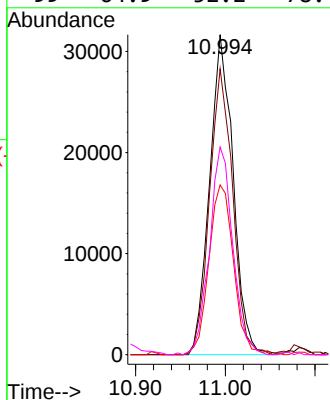
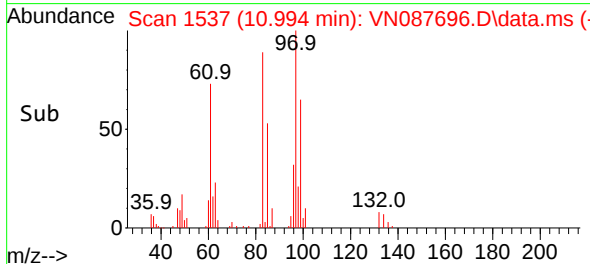
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



| Tgt Ion:  | 97    | Resp: | 5776  |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 89.4  | 68.2  | 102.4 |
| 85        | 53.1  | 45.5  | 68.3  |
| 99        | 64.9  | 52.2  | 78.4  |

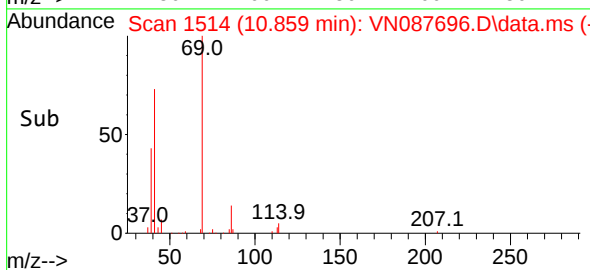
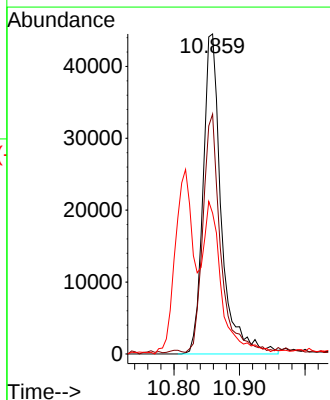
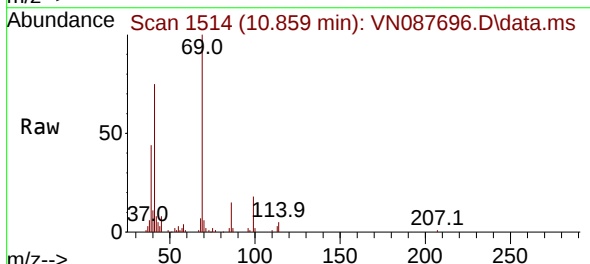
Manual Integrations  
APPROVED

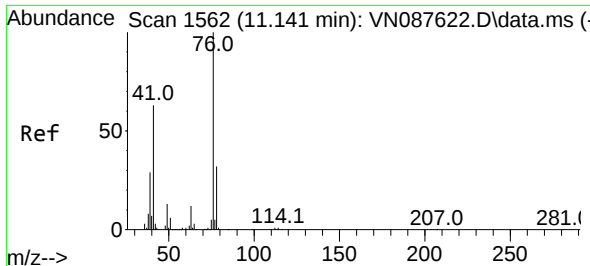
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#56  
Ethyl methacrylate  
Concen: 17.779 ug/l  
RT: 10.859 min Scan# 1514  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

| Tgt Ion:  | 69    | Resp: | 86431 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 69        | 100   |       |       |
| 41        | 71.9  | 56.5  | 84.7  |
| 39        | 46.4  | 34.2  | 51.4  |





#57

1,3-Dichloropropane

Concen: 18.931 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087696.D

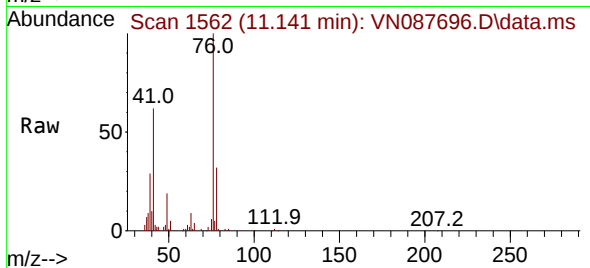
Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01



Tgt Ion: 76 Resp: 101919

Ion Ratio Lower Upper

76 100

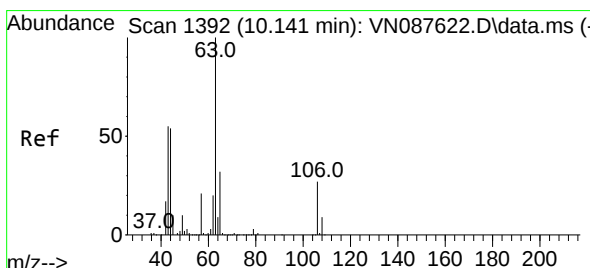
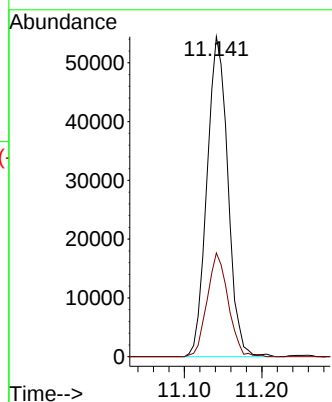
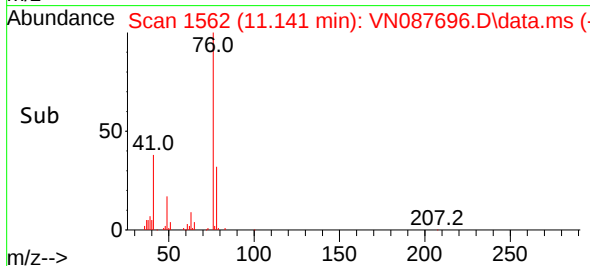
78 32.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.951 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087696.D

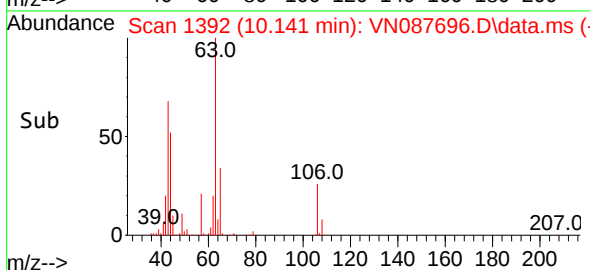
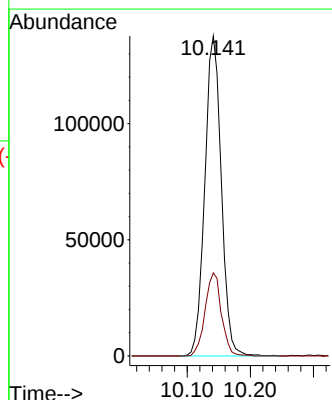
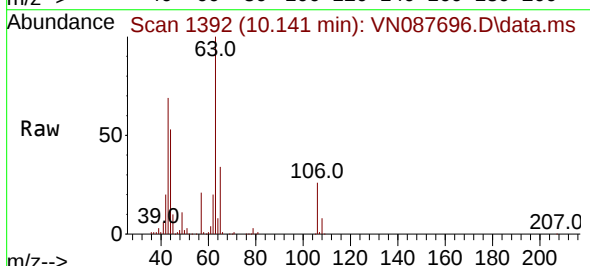
Acq: 29 Aug 2025 13:24

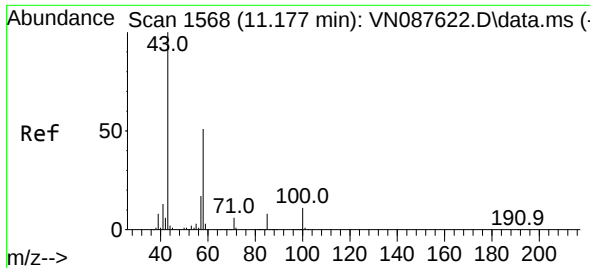
Tgt Ion: 63 Resp: 249840

Ion Ratio Lower Upper

63 100

106 25.7 21.1 31.7





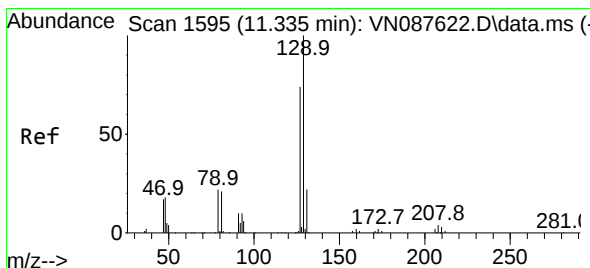
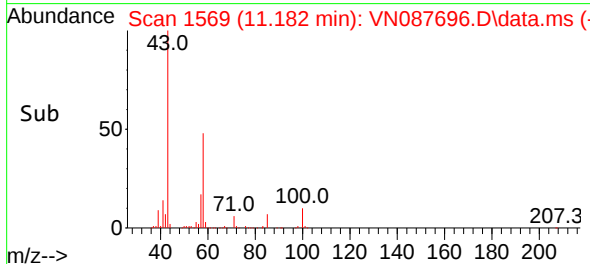
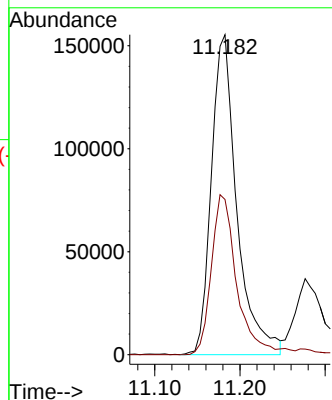
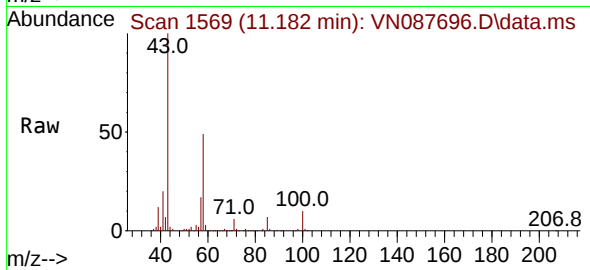
#59  
2-Hexanone  
Concen: 96.028 ug/l  
RT: 11.182 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion: 43 Resp: 32306  
Ion Ratio Lower Upper  
43 100  
58 50.1 25.9 77.8

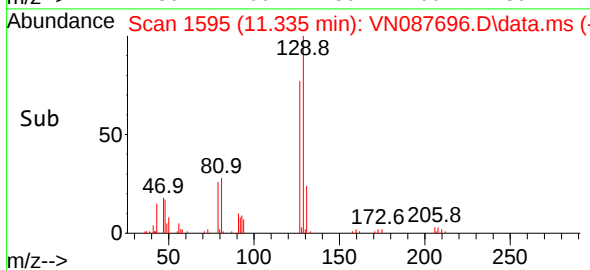
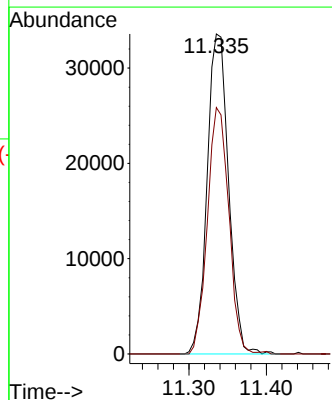
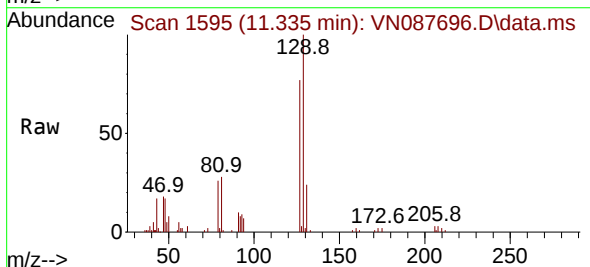
Manual Integrations  
APPROVED

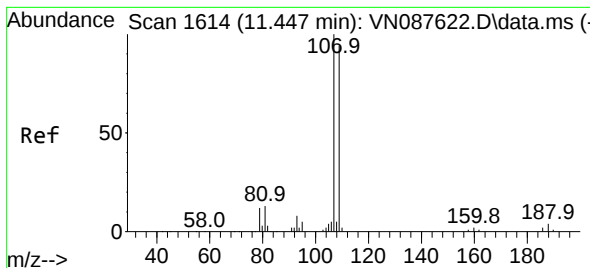
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#60  
Dibromochloromethane  
Concen: 18.251 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

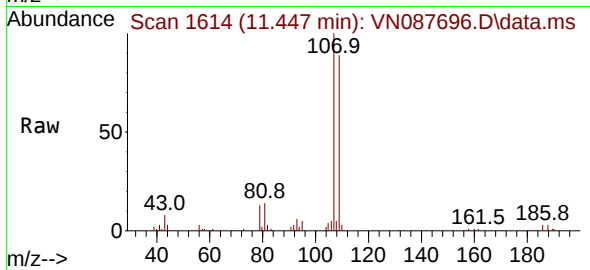
Tgt Ion:129 Resp: 64331  
Ion Ratio Lower Upper  
129 100  
127 77.0 39.1 117.3





#61  
1,2-Dibromoethane  
Concen: 18.555 ug/l  
RT: 11.447 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

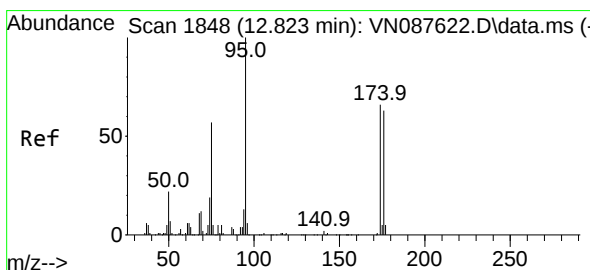
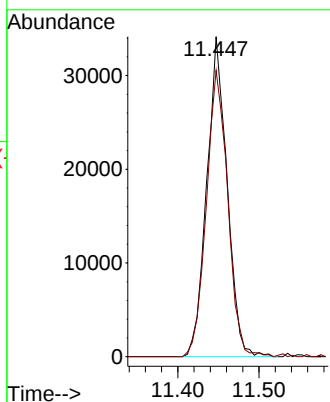
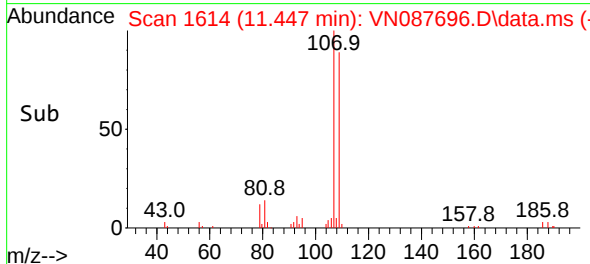
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



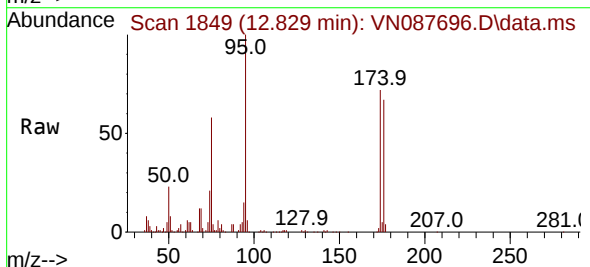
Tgt Ion: 107 Resp: 5951  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.7 112.1

Manual Integrations  
APPROVED

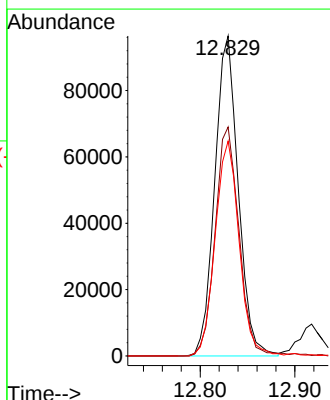
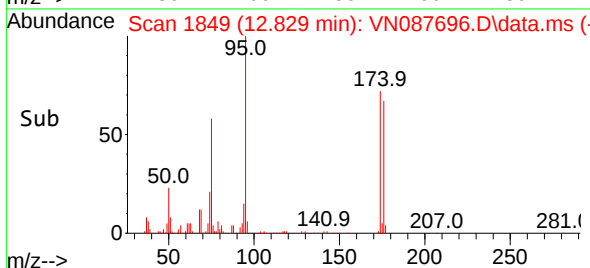
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

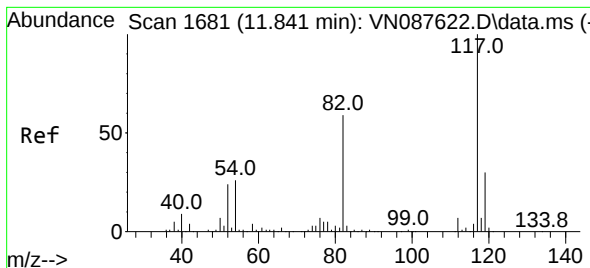


#62  
4-Bromofluorobenzene  
Concen: 46.247 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



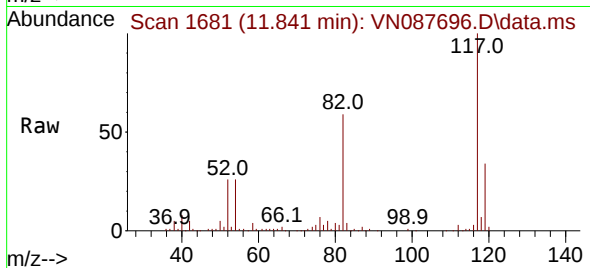
Tgt Ion: 95 Resp: 165941  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 138.4  
176 68.5 0.0 132.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.841 min Scan# 1681  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

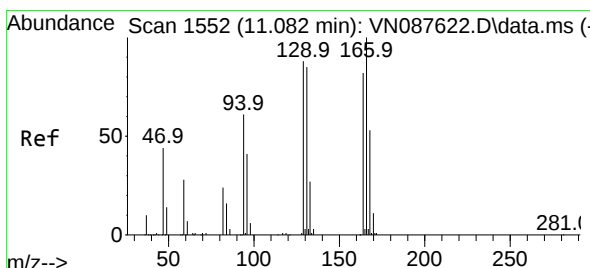
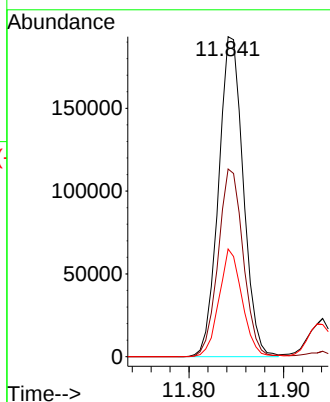
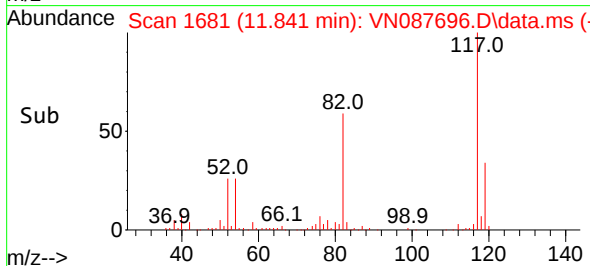
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion:117 Resp: 351090  
Ion Ratio Lower Upper  
117 100  
82 58.6 47.4 71.2  
119 33.6 24.3 36.5

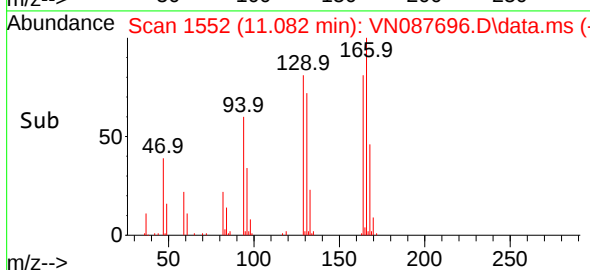
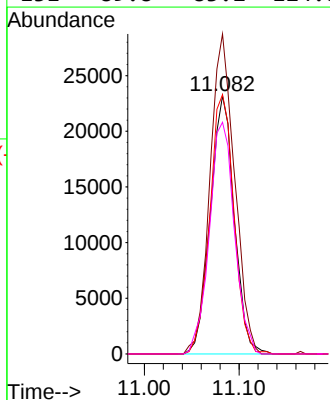
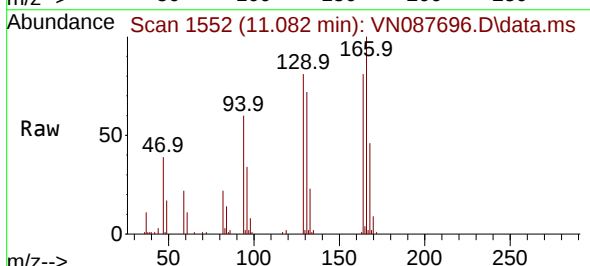
Manual Integrations  
APPROVED

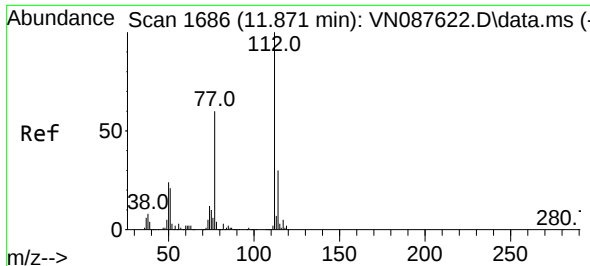
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#64  
Tetrachloroethene  
Concen: 16.727 ug/l  
RT: 11.082 min Scan# 1552  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

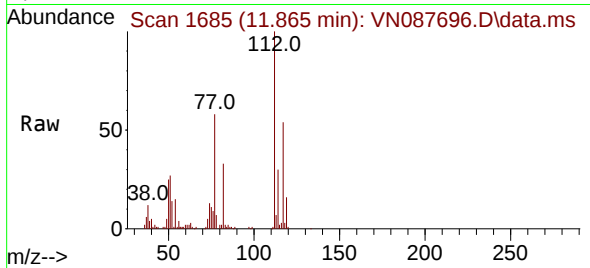
Tgt Ion:164 Resp: 40745  
Ion Ratio Lower Upper  
164 100  
166 124.0 97.7 146.5  
129 100.5 85.9 128.9  
131 89.8 83.2 124.8





#65  
Chlorobenzene  
Concen: 17.751 ug/l  
RT: 11.865 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

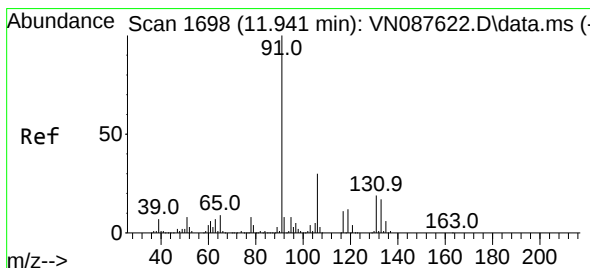
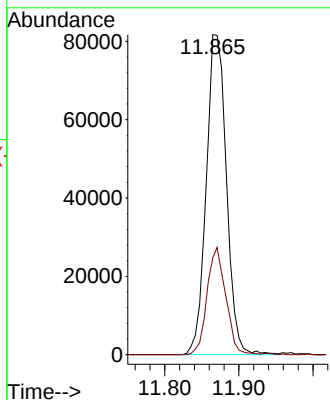
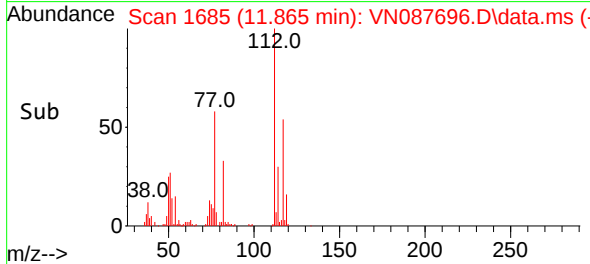
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



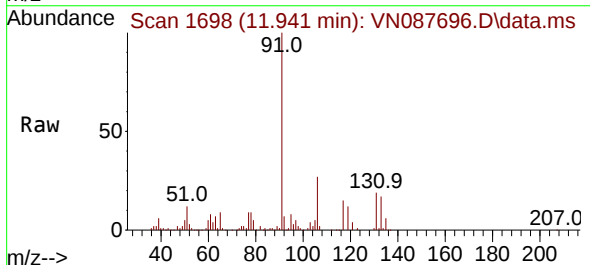
Tgt Ion:112 Resp: 155048  
Ion Ratio Lower Upper  
112 100  
114 30.2 24.3 36.5

Manual Integrations  
APPROVED

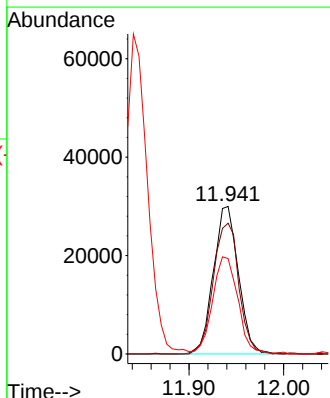
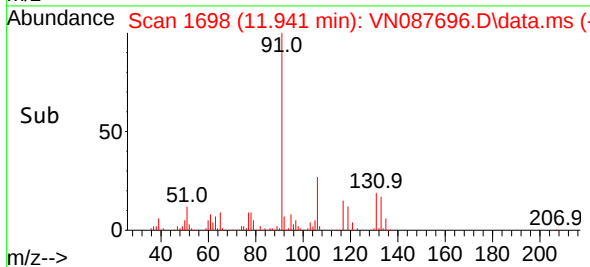
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

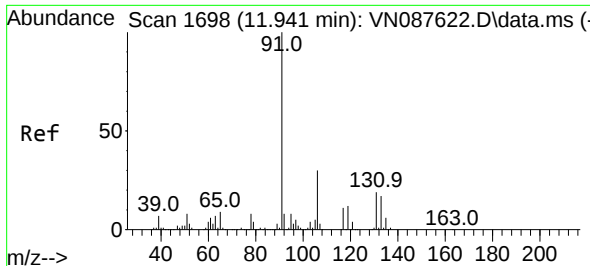


#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.965 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



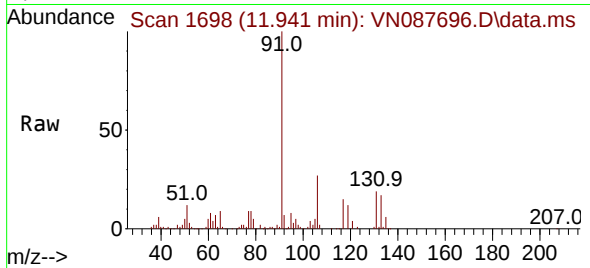
Tgt Ion:131 Resp: 54995  
Ion Ratio Lower Upper  
131 100  
133 90.8 48.0 144.0  
119 65.4 32.6 97.7





#67  
Ethyl Benzene  
Concen: 17.389 ug/l  
RT: 11.941 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

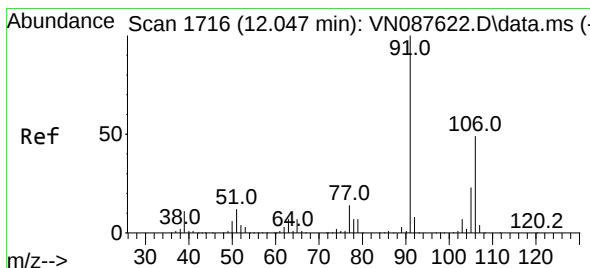
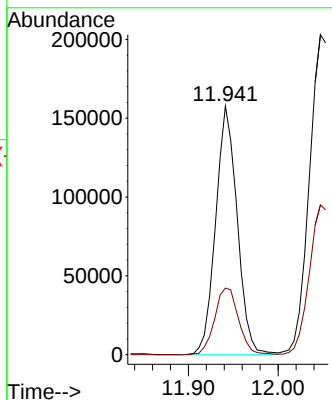
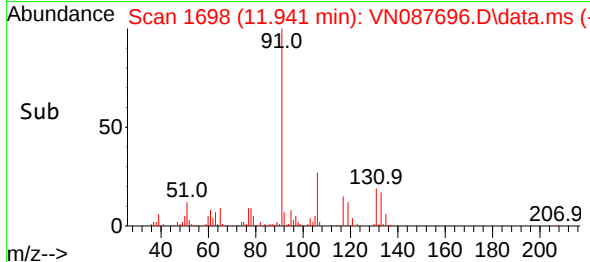
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



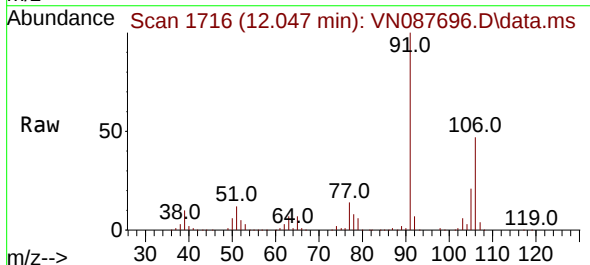
Tgt Ion: 91 Resp: 262980  
Ion Ratio Lower Upper  
91 100  
106 26.8 24.1 36.1

Manual Integrations  
APPROVED

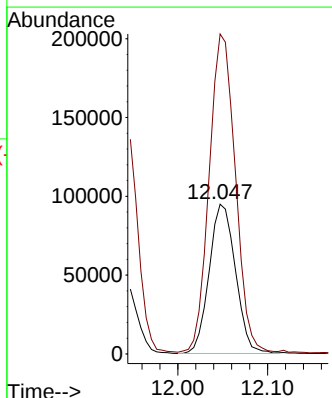
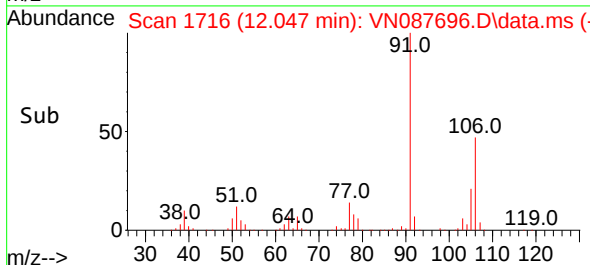
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

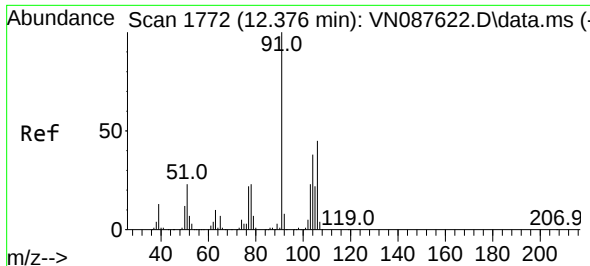


#68  
m/p-Xylenes  
Concen: 34.804 ug/l  
RT: 12.047 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



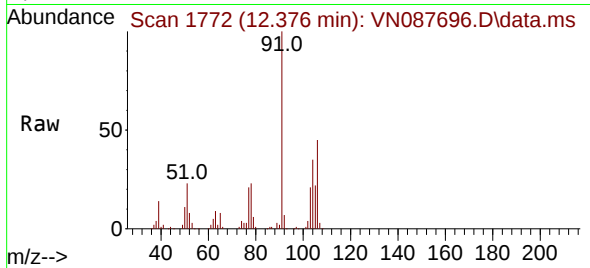
Tgt Ion:106 Resp: 193034  
Ion Ratio Lower Upper  
106 100  
91 211.9 169.3 253.9





#69  
o-Xylene  
Concen: 17.534 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

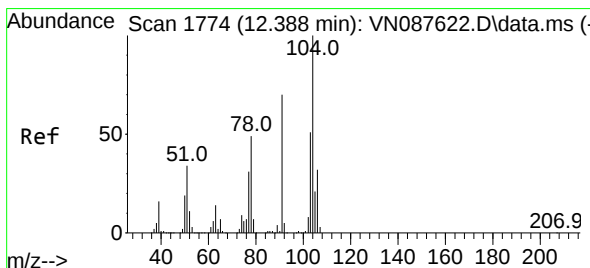
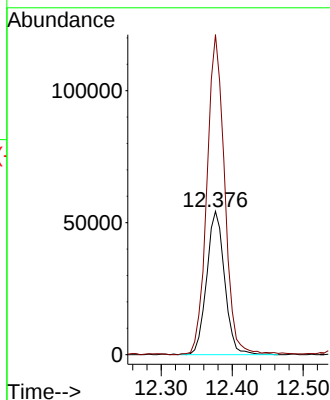
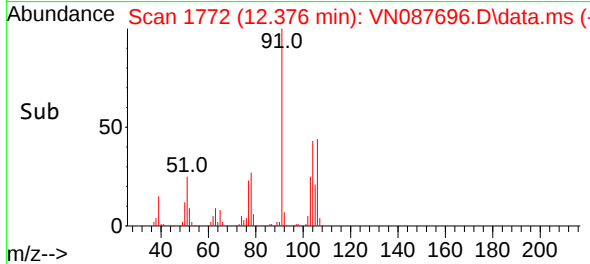
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion:106 Resp: 95307  
Ion Ratio Lower Upper  
106 100  
91 221.1 111.4 334.2

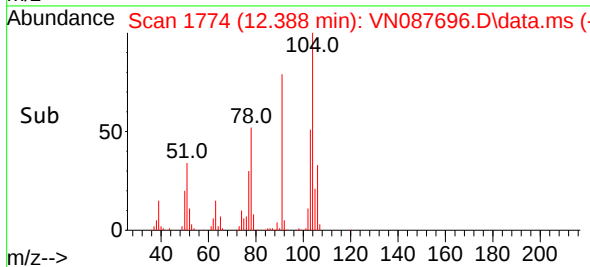
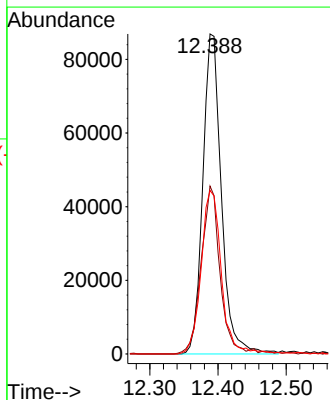
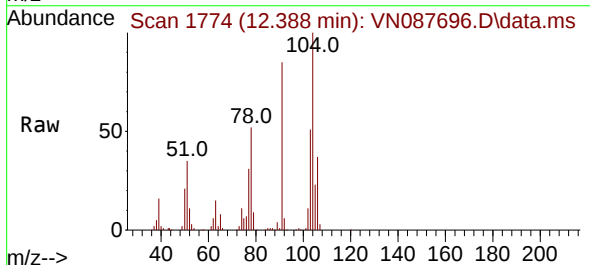
Manual Integrations  
APPROVED

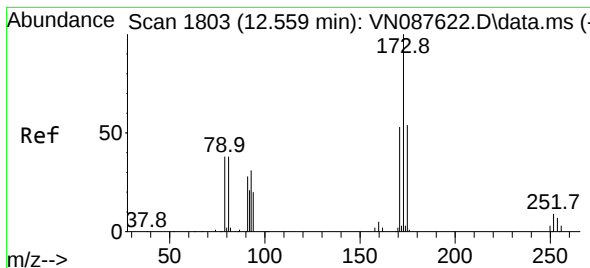
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#70  
Styrene  
Concen: 18.128 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Tgt Ion:104 Resp: 165073  
Ion Ratio Lower Upper  
104 100  
78 53.7 42.2 63.2  
103 55.7 43.4 65.2





#71

Bromoform

Concen: 18.053 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

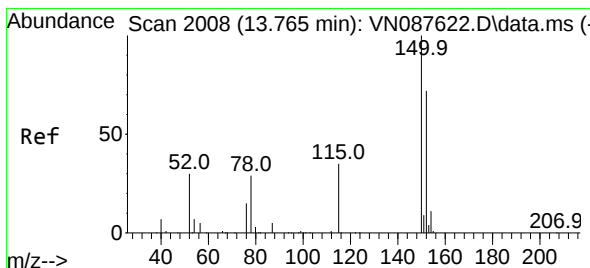
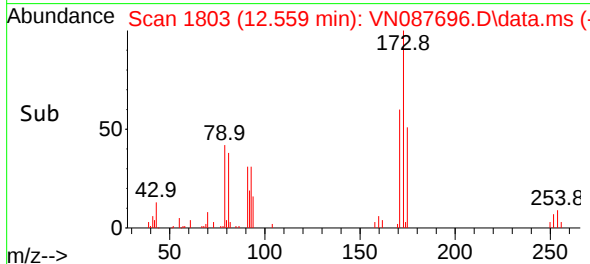
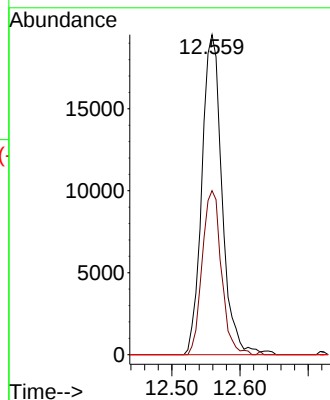
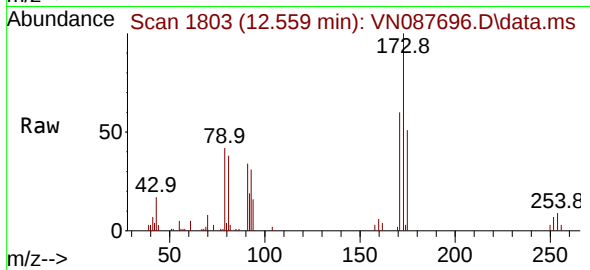
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 40149 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.6  | 24.9  | 74.6  |
| 254       | 0.0   | 0.1   | 0.1   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

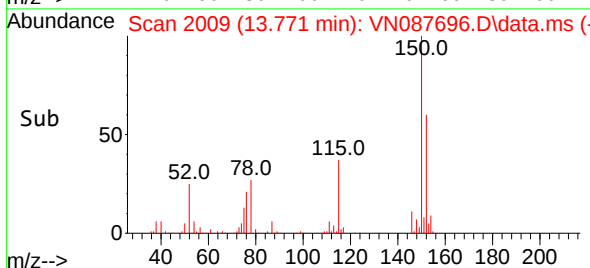
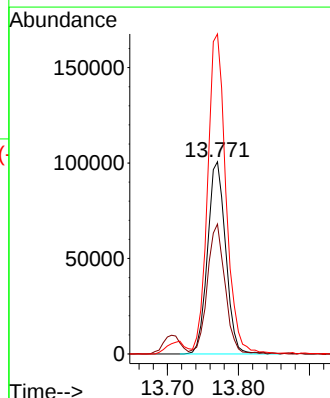
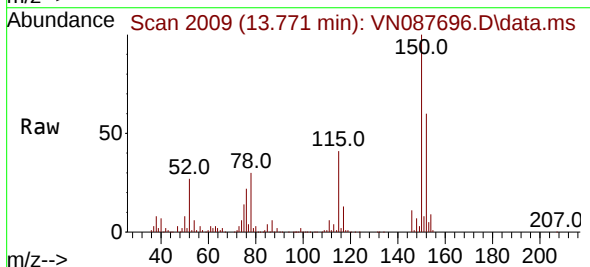
RT: 13.771 min Scan# 2009

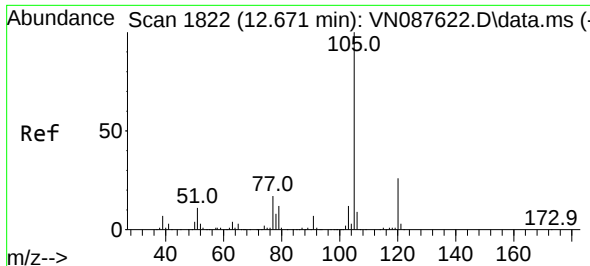
Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

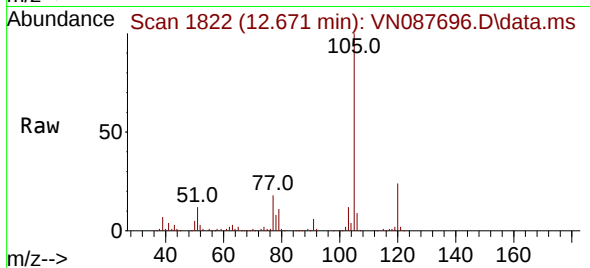
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 178354 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 66.2  | 32.3  | 96.8   |
| 150       | 167.5 | 0.0   | 351.0  |





#73  
Isopropylbenzene  
Concen: 16.816 ug/l  
RT: 12.671 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

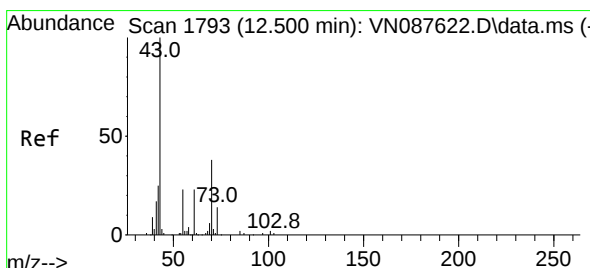
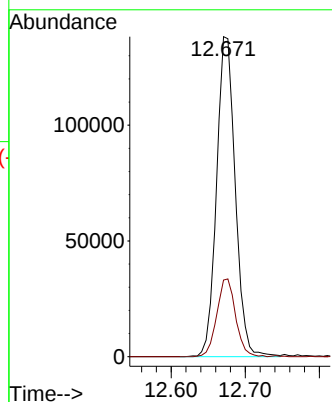
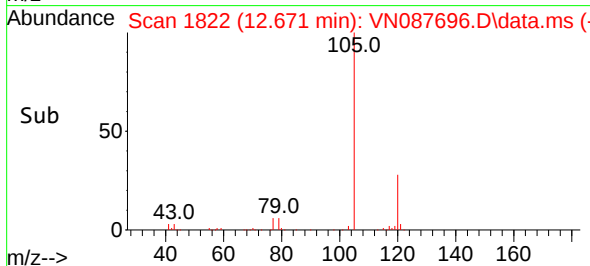
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion:105 Resp: 24235  
Ion Ratio Lower Upper  
105 100  
120 24.5 12.8 38.3

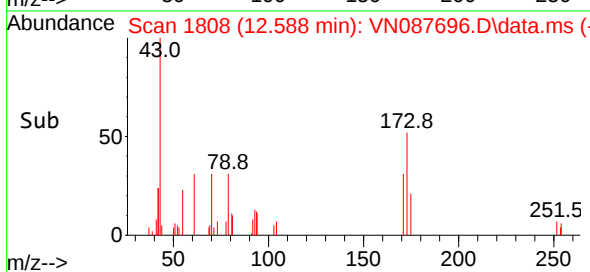
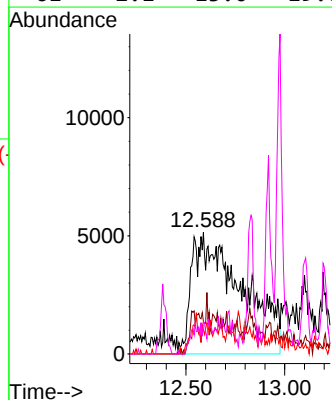
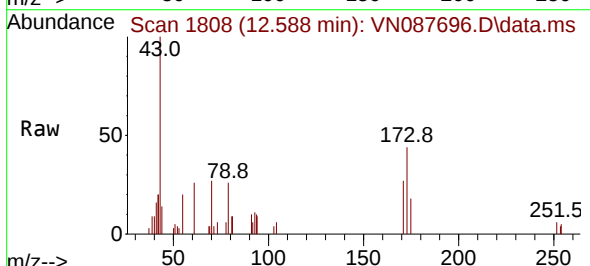
Manual Integrations  
APPROVED

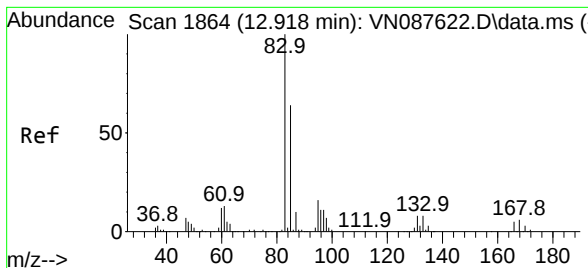
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#74  
N-ethyl acetate  
Concen: 16.353 ug/l m  
RT: 12.588 min Scan# 1808  
Delta R.T. 0.088 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

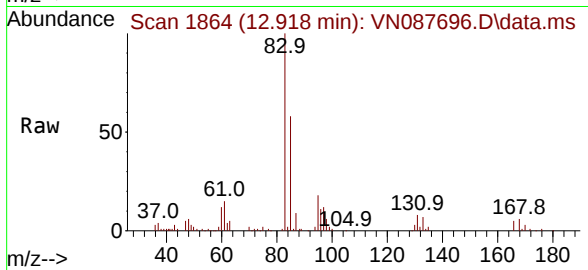
Tgt Ion: 43 Resp: 89313  
Ion Ratio Lower Upper  
43 100  
70 3.9 27.6 41.4#  
55 4.9 13.0 19.6#  
61 2.1 13.0 19.6#





#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.515 ug/l  
RT: 12.918 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

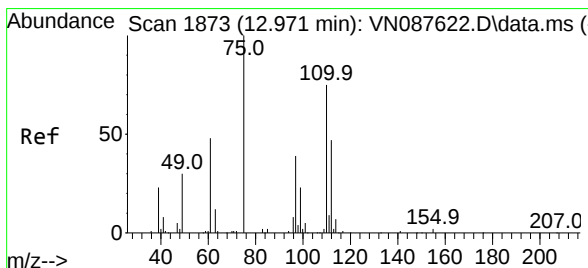
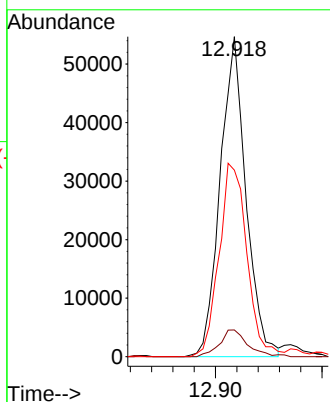
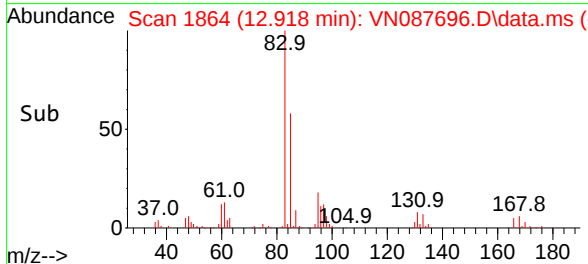
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



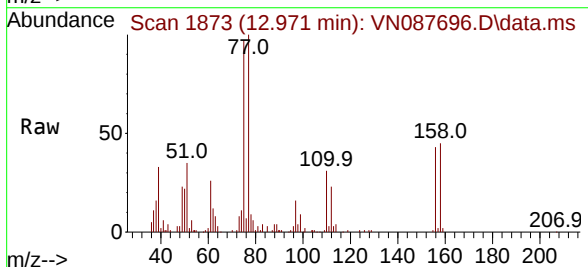
Tgt Ion: 83 Resp: 91872  
Ion Ratio Lower Upper  
83 100  
131 9.1 4.8 14.4  
85 65.2 32.1 96.3

Manual Integrations  
APPROVED

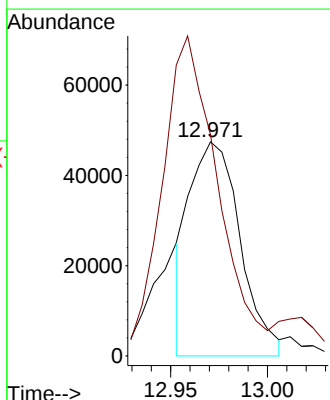
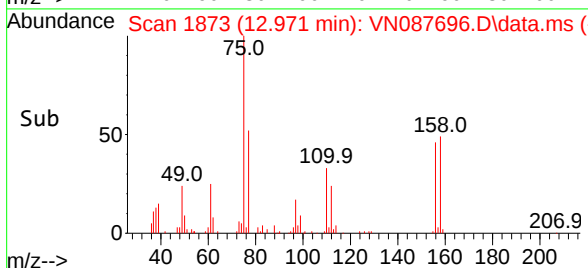
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

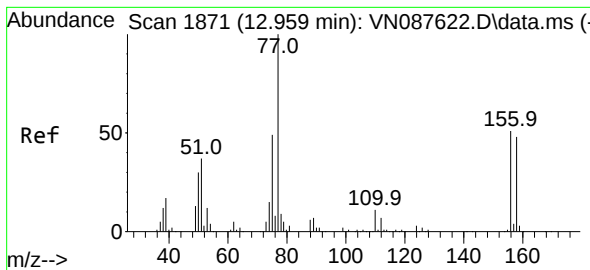


#76  
1,2,3-Trichloropropane  
Concen: 20.741 ug/l m  
RT: 12.971 min Scan# 1873  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



Tgt Ion: 75 Resp: 86750  
Ion Ratio Lower Upper  
75 100  
77 164.5 89.1 267.4





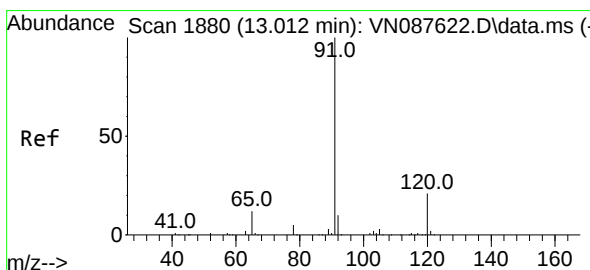
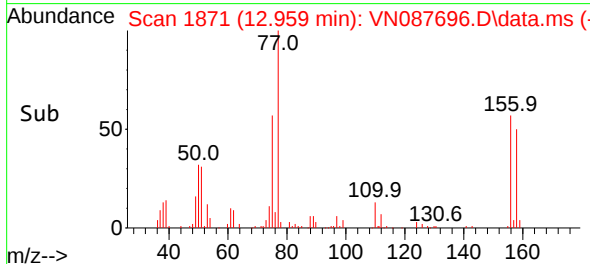
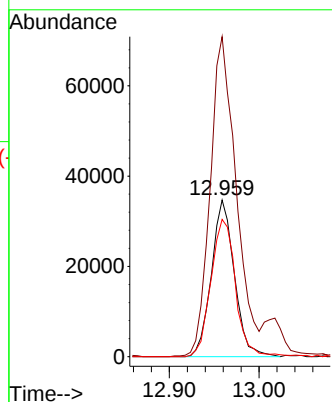
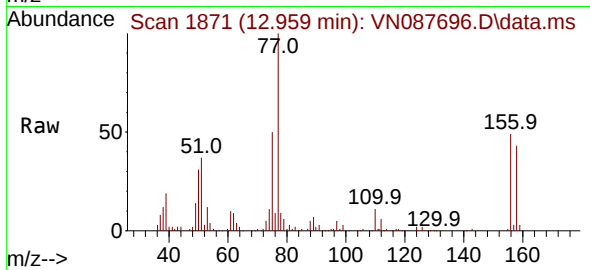
#77  
Bromobenzene  
Concen: 18.148 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion:156 Resp: 61668  
Ion Ratio Lower Upper  
156 100  
77 231.4 119.3 358.0  
158 94.1 48.2 144.6

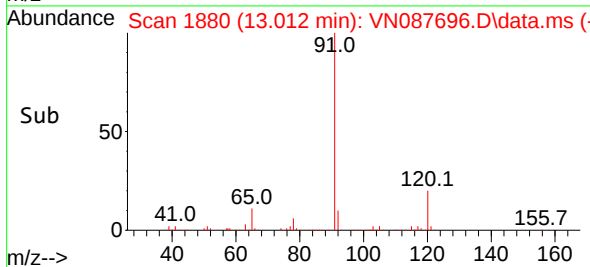
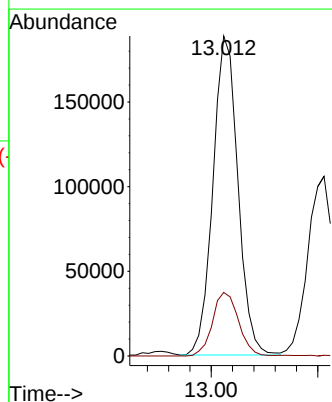
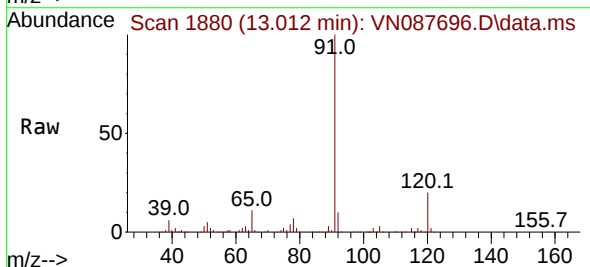
Manual Integrations  
APPROVED

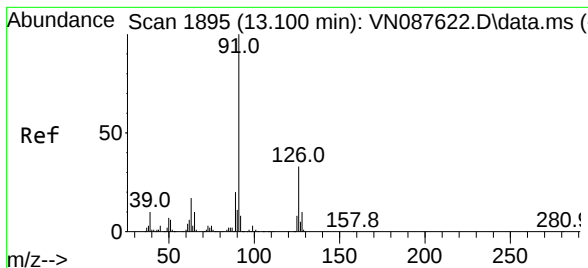
Reviewed By :John Carbone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#78  
n-propylbenzene  
Concen: 17.246 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

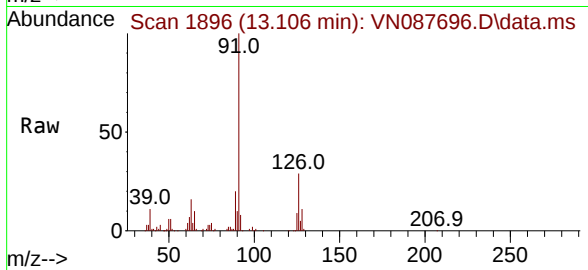
Tgt Ion: 91 Resp: 306151  
Ion Ratio Lower Upper  
91 100  
120 20.7 10.7 32.1





#79  
2-Chlorotoluene  
Concen: 17.266 ug/l  
RT: 13.106 min Scan# 1895  
Delta R.T. 0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

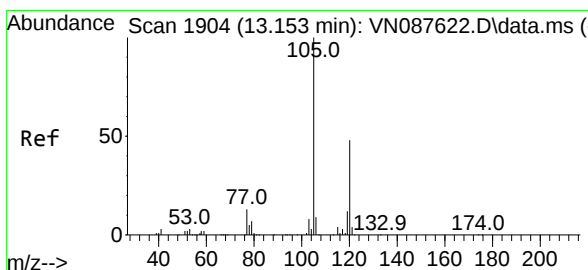
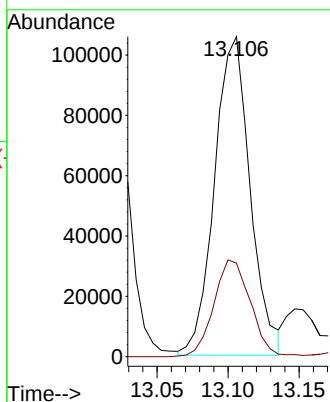
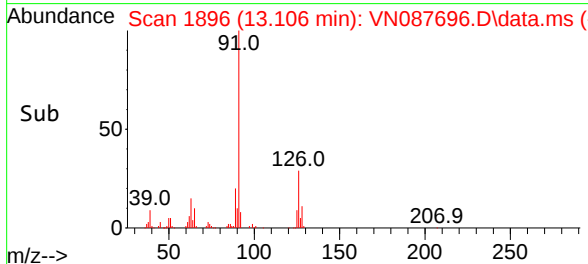
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



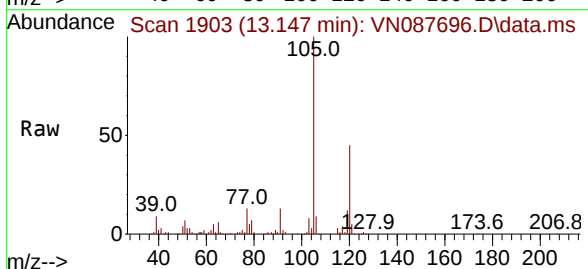
Tgt Ion: 91 Resp: 184458  
Ion Ratio Lower Upper  
91 100  
126 31.2 16.1 48.3

Manual Integrations  
APPROVED

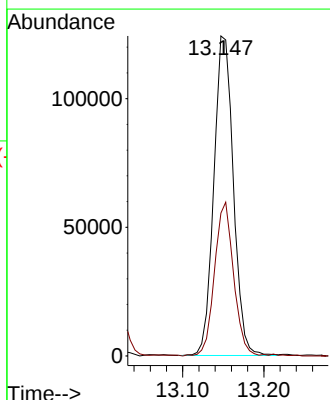
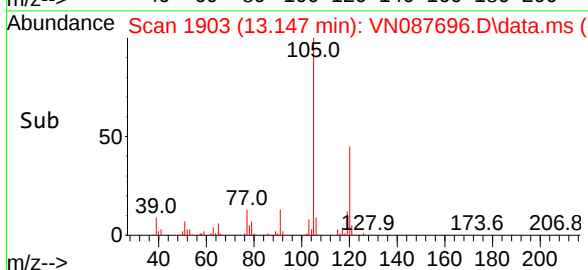
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025

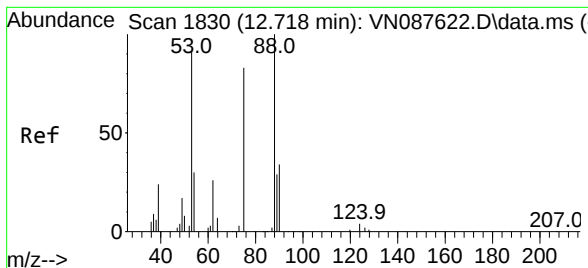


#80  
1,3,5-Trimethylbenzene  
Concen: 17.040 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



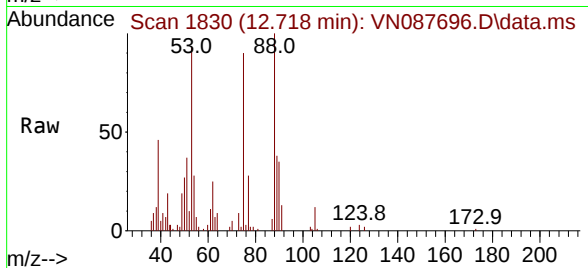
Tgt Ion:105 Resp: 208329  
Ion Ratio Lower Upper  
105 100  
120 46.9 23.2 69.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.555 ug/l  
RT: 12.718 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

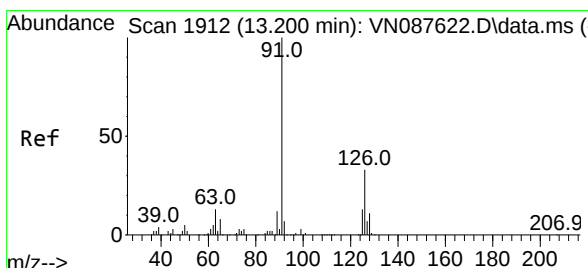
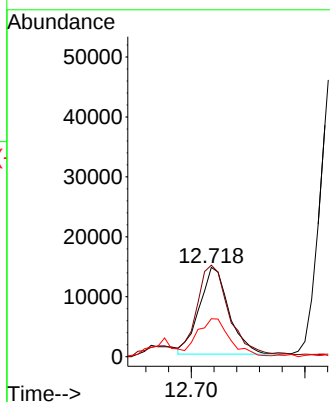
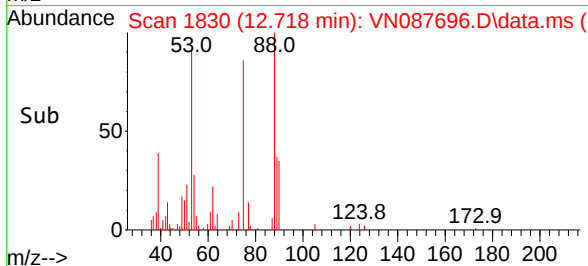
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion: 75 Resp: 2615  
Ion Ratio Lower Upper  
75 100  
53 111.1 101.8 152.6  
89 47.7 35.6 53.4

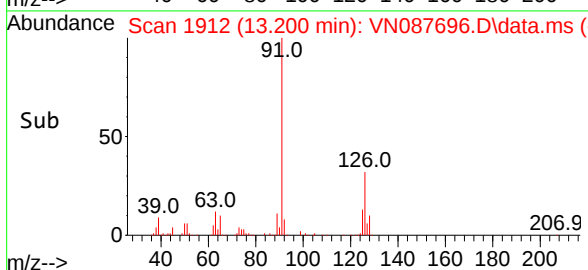
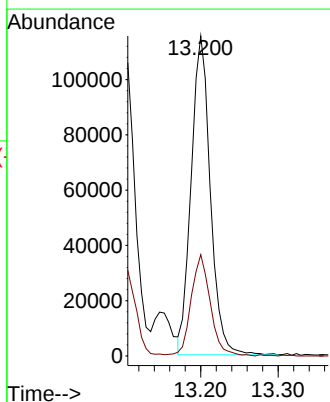
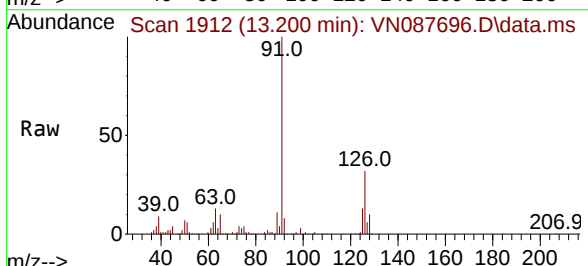
Manual Integrations  
APPROVED

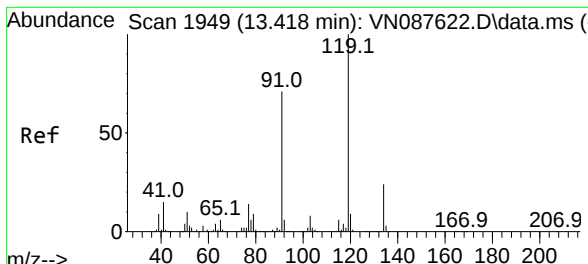
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#82  
4-Chlorotoluene  
Concen: 17.622 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

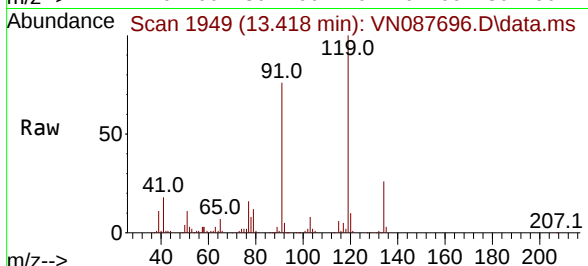
Tgt Ion: 91 Resp: 197936  
Ion Ratio Lower Upper  
91 100  
126 31.9 15.6 46.8





#83  
 tert-Butylbenzene  
 Concen: 16.926 ug/l  
 RT: 13.418 min Scan# 1949  
 Delta R.T. 0.000 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24

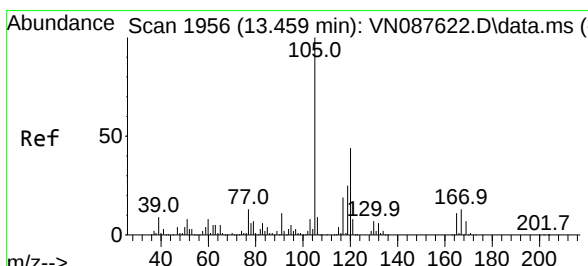
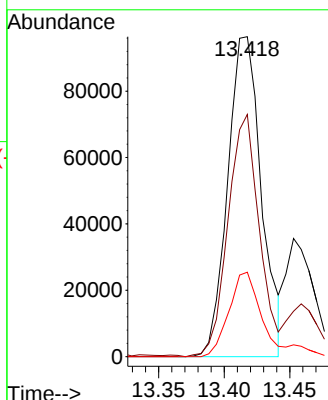
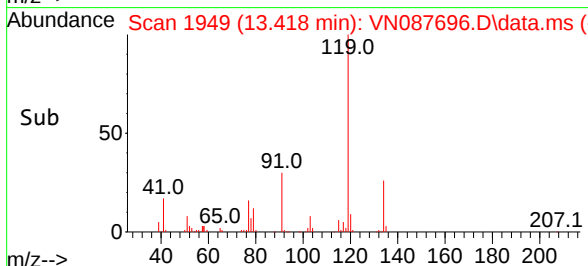
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0829MBS01



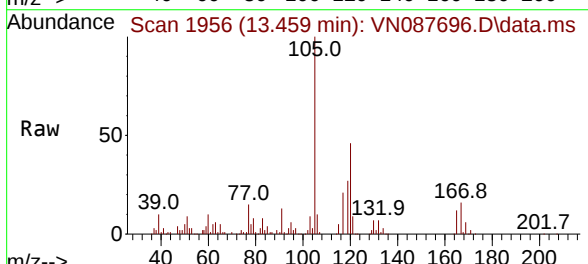
Tgt Ion:119 Resp: 17244  
 Ion Ratio Lower Upper  
 119 100  
 91 70.2 35.0 105.0  
 134 24.9 12.6 37.8

Manual Integrations  
 APPROVED

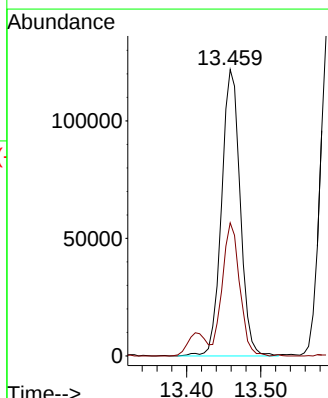
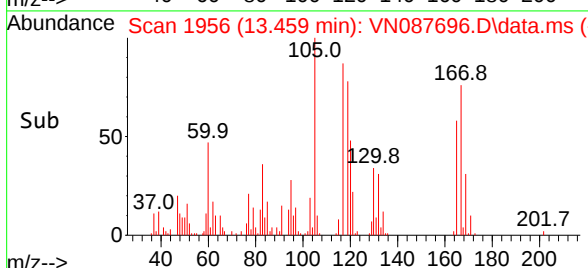
Reviewed By :John Carbone 09/02/2025  
 Supervised By :Semsettin Yesilyurt 09/03/2025

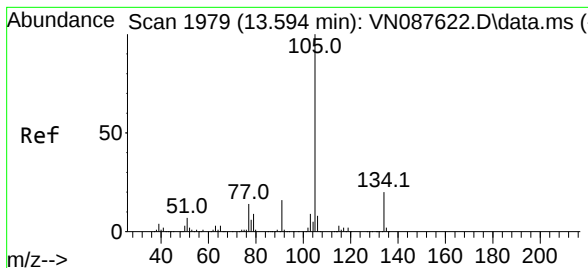


#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.380 ug/l  
 RT: 13.459 min Scan# 1956  
 Delta R.T. 0.000 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24



Tgt Ion:105 Resp: 212720  
 Ion Ratio Lower Upper  
 105 100  
 120 43.8 22.0 66.0





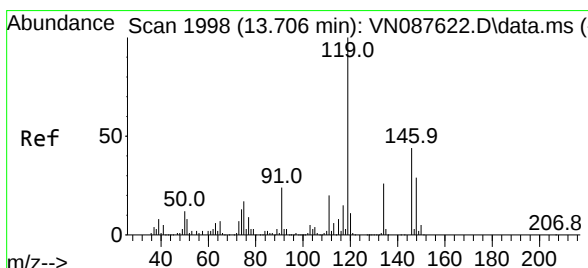
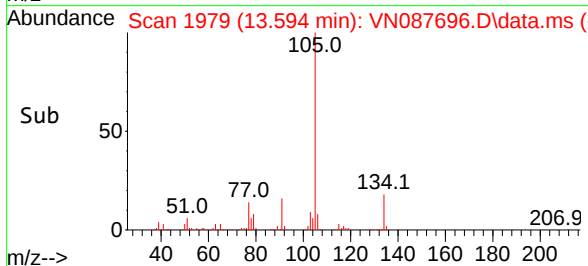
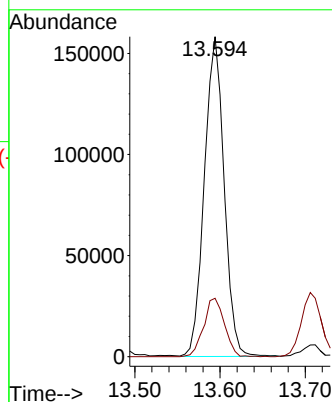
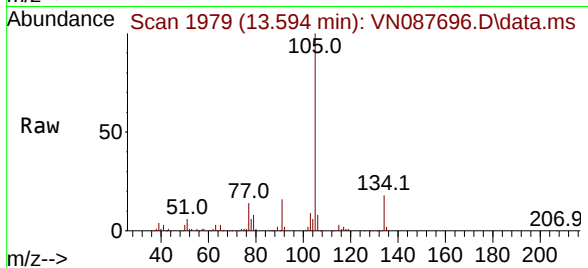
#85  
 sec-Butylbenzene  
 Concen: 16.865 ug/l  
 RT: 13.594 min Scan# 1979  
 Delta R.T. 0.000 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0829MBS01

Tgt Ion:105 Resp: 25499  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.6 28.6

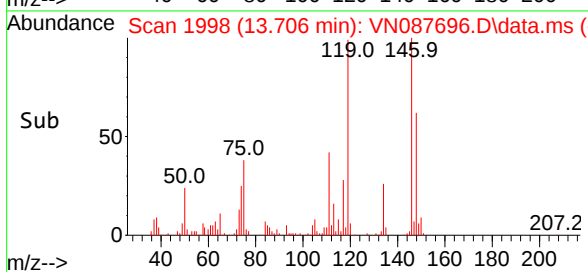
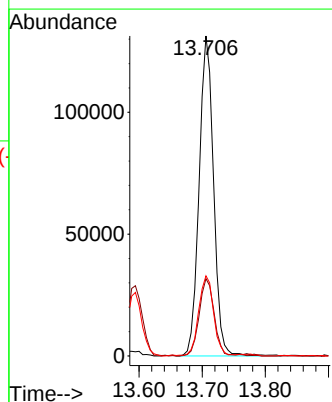
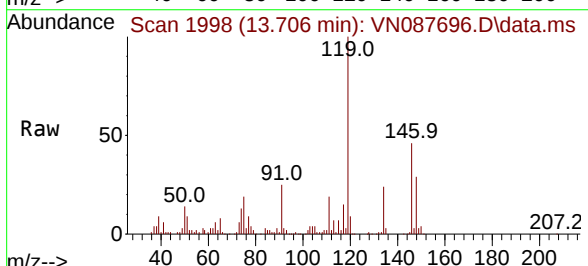
Manual Integrations  
 APPROVED

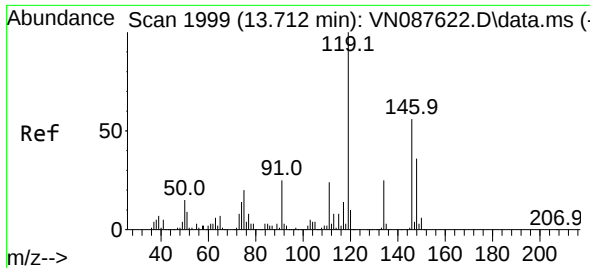
Reviewed By :John Carlone 09/02/2025  
 Supervised By :Semsettin Yesilyurt 09/03/2025



#86  
 p-Isopropyltoluene  
 Concen: 16.730 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. 0.000 min  
 Lab File: VN087696.D  
 Acq: 29 Aug 2025 13:24

Tgt Ion:119 Resp: 208869  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 12.7 38.0  
 91 25.3 12.5 37.5





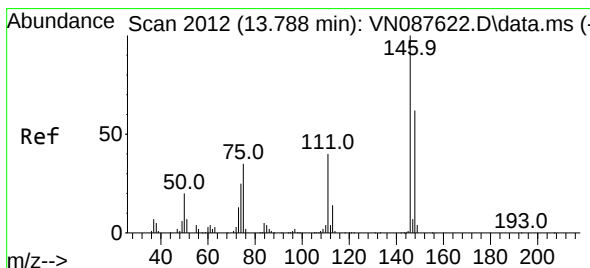
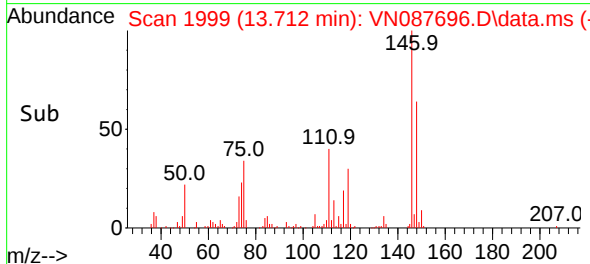
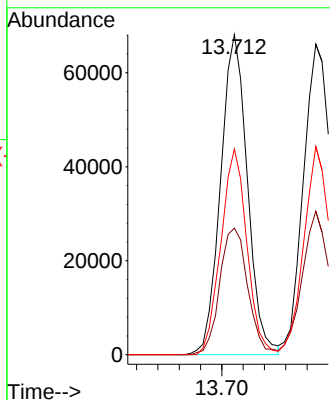
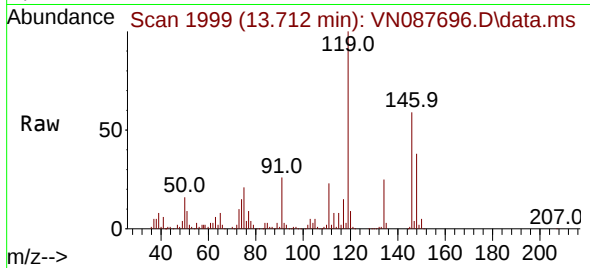
#87  
1,3-Dichlorobenzene  
Concen: 17.800 ug/l  
RT: 13.712 min Scan# 1999  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01

Tgt Ion:146 Resp: 11911  
Ion Ratio Lower Upper  
146 100  
111 41.4 22.1 66.5  
148 62.3 32.0 96.2

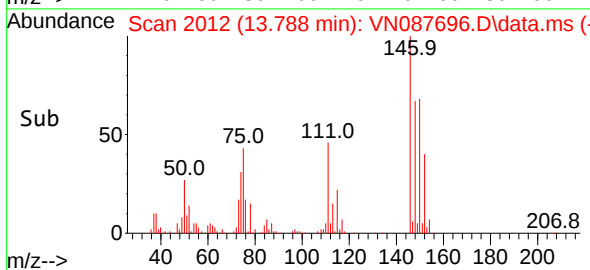
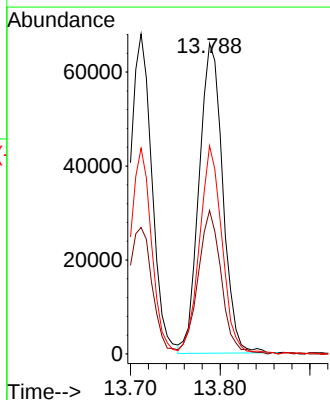
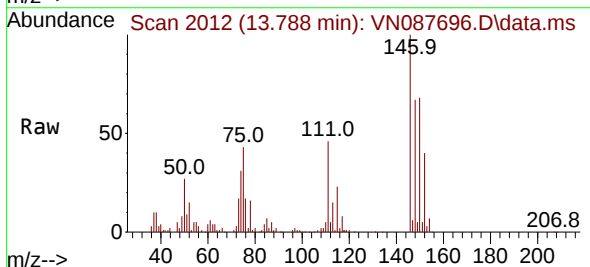
Manual Integrations  
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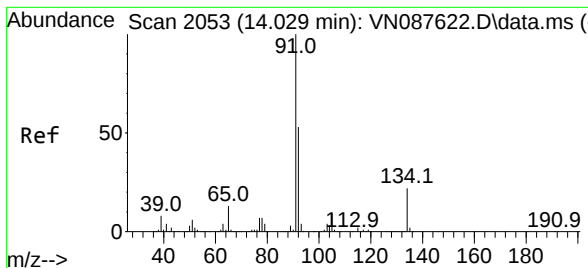
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#88  
1,4-Dichlorobenzene  
Concen: 17.293 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Tgt Ion:146 Resp: 120426  
Ion Ratio Lower Upper  
146 100  
111 45.5 21.0 63.0  
148 64.5 32.0 96.0





#89

n-Butylbenzene

Concen: 16.909 ug/l

RT: 14.035 min Scan# 20965

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01

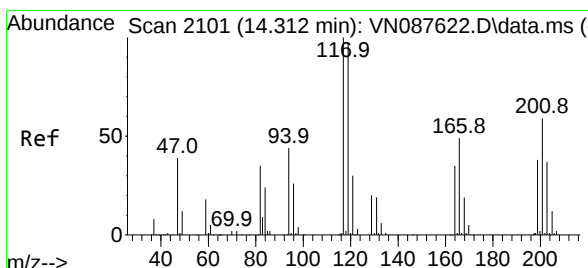
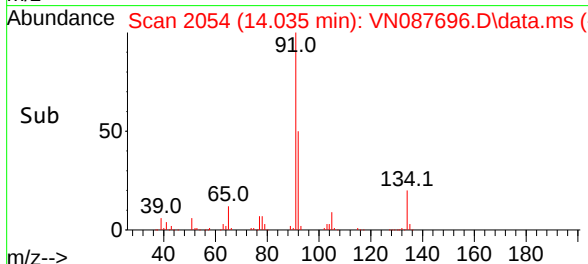
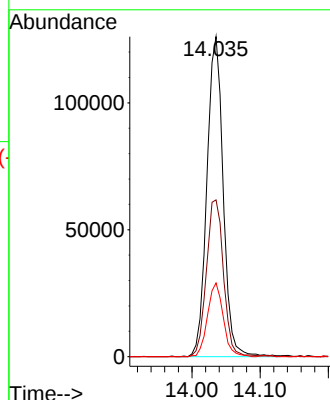
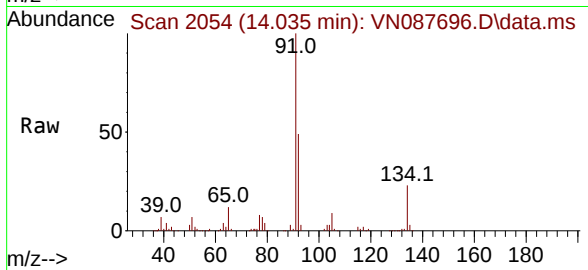
| Tgt Ion:  | 91   | Resp: | 20965 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | 25.9  |
| Upper     | 77.8 | Lower | 11.7  |
| Upper     | 35.0 |       |       |

Manual Integrations

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Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#90

Hexachloroethane

Concen: 17.464 ug/l

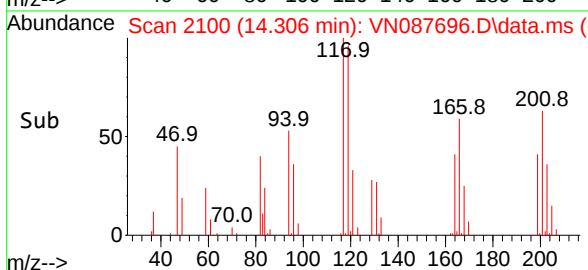
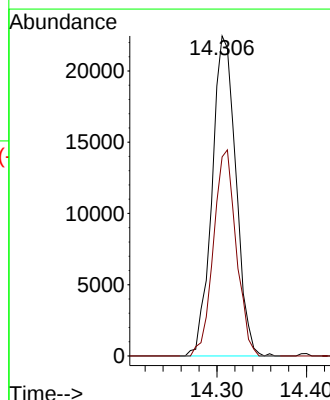
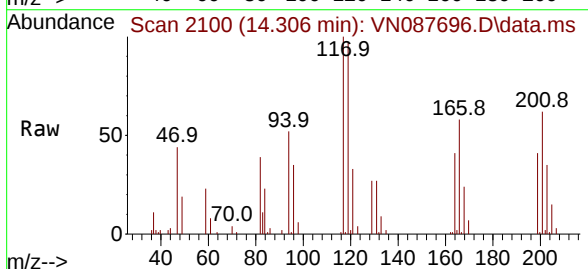
RT: 14.306 min Scan# 2100

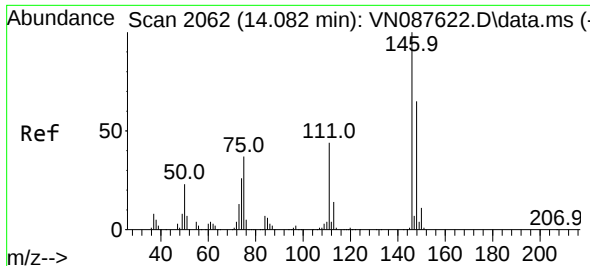
Delta R.T. -0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

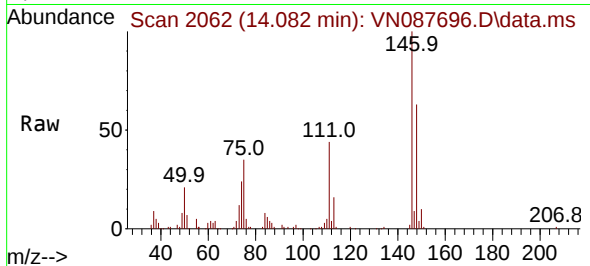
| Tgt Ion:  | 117  | Resp: | 41538 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | 29.1  |
| Upper     | 87.4 |       |       |





#91  
1,2-Dichlorobenzene  
Concen: 17.685 ug/l  
RT: 14.082 min Scan# 2062  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

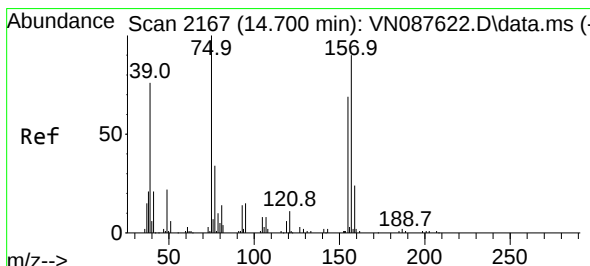
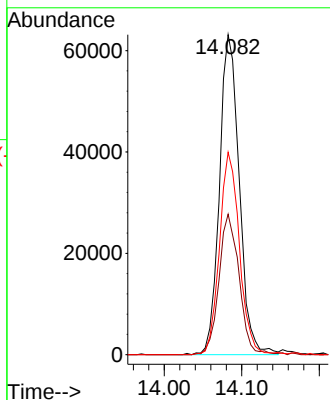
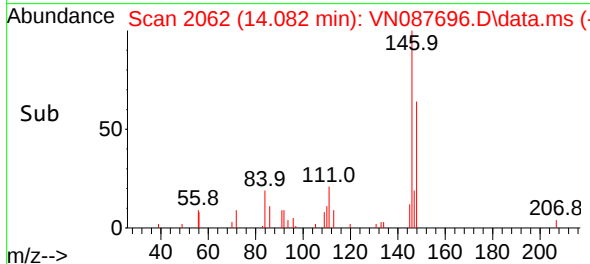
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



Tgt Ion:146 Resp: 112278  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.6 67.8  
148 63.8 31.9 95.9

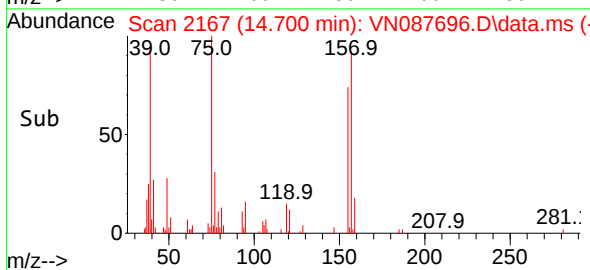
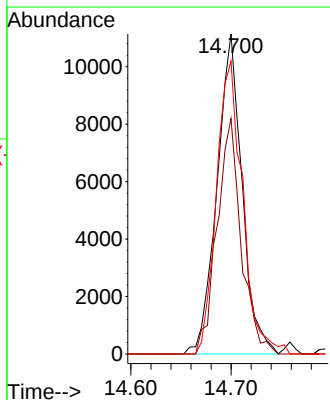
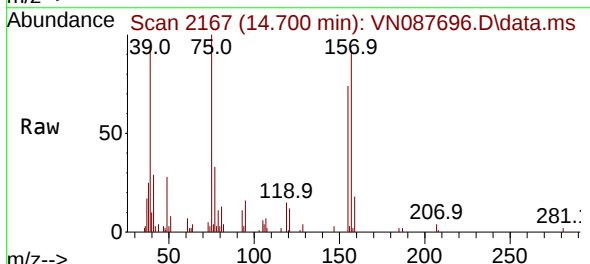
Manual Integrations  
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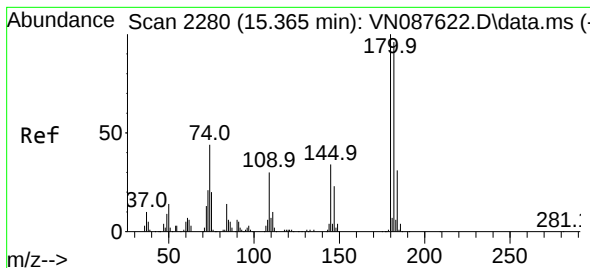
Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.422 ug/l  
RT: 14.700 min Scan# 2167  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

Tgt Ion: 75 Resp: 19357  
Ion Ratio Lower Upper  
75 100  
155 70.7 36.6 109.9  
157 95.7 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 17.386 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087696.D

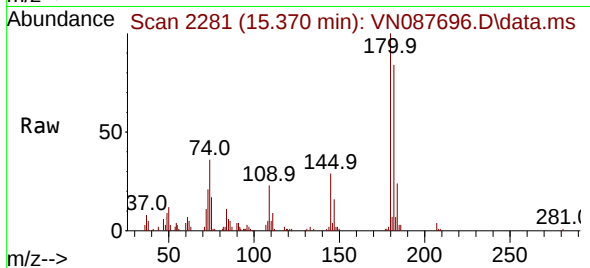
Acq: 29 Aug 2025 13:24

Instrument :

MSVOA\_N

ClientSampleId :

VN0829MBS01



Tgt Ion:180 Resp: 66279

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

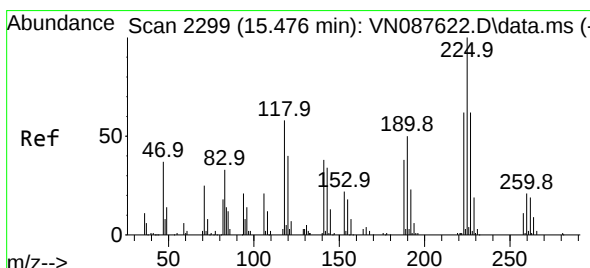
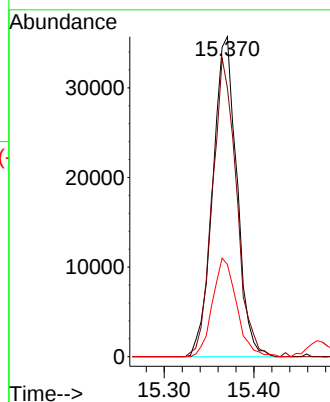
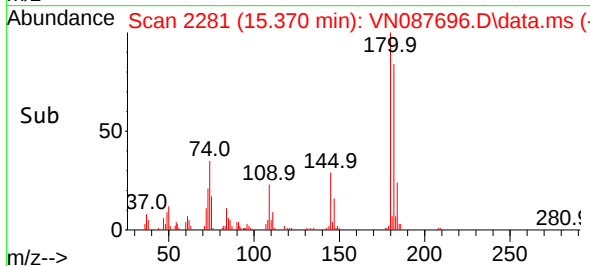
145 30.9 16.5 49.5

Manual Integrations

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Reviewed By :John Carlone 09/02/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#94

Hexachlorobutadiene

Concen: 17.183 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

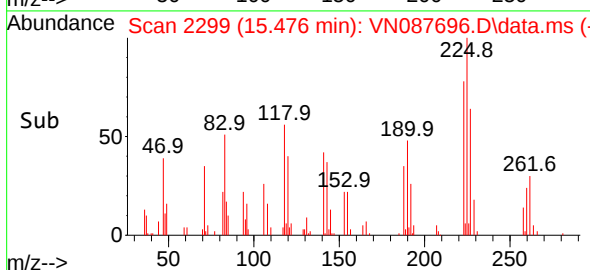
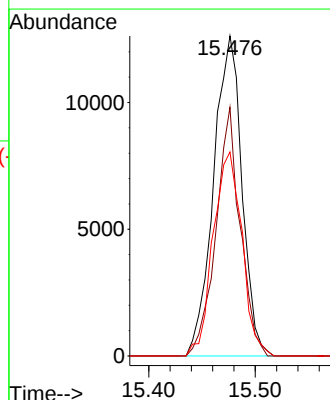
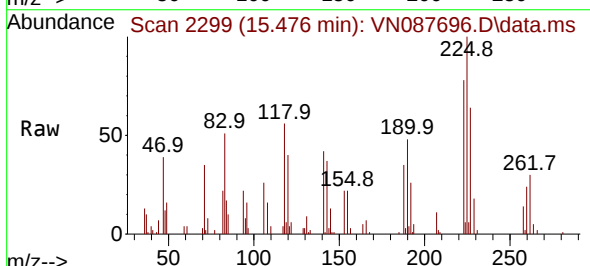
Tgt Ion:225 Resp: 23354

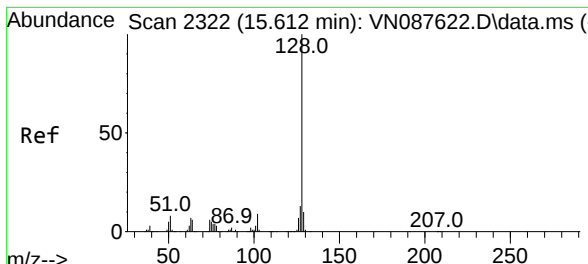
Ion Ratio Lower Upper

225 100

223 66.4 32.0 96.2

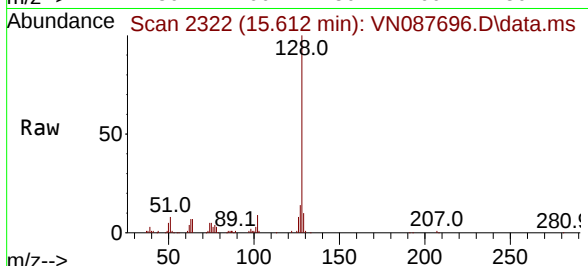
227 64.7 32.1 96.5





#95  
Naphthalene  
Concen: 16.685 ug/l  
RT: 15.612 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24

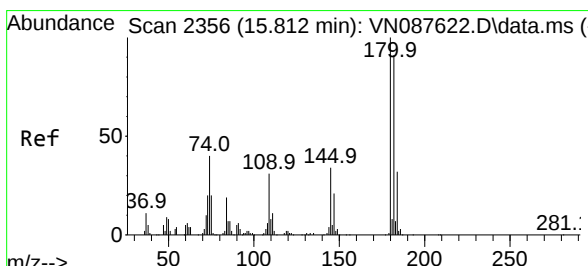
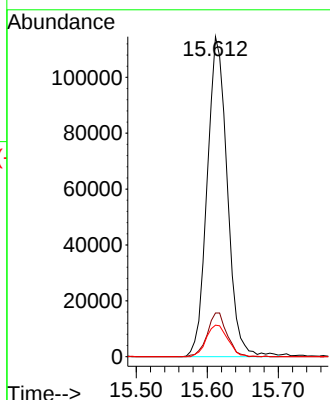
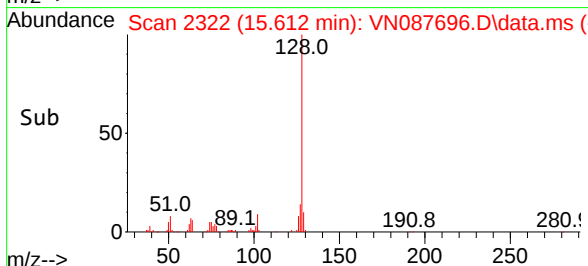
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0829MBS01



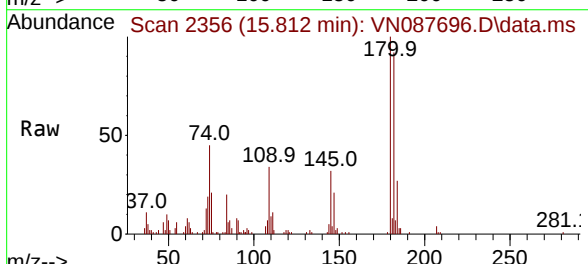
Tgt Ion:128 Resp: 225308  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.6 15.8  
129 10.6 8.6 12.8

Manual Integrations  
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Reviewed By :John Carlone 09/02/2025  
Supervised By :Semsettin Yesilyurt 09/03/2025



#96  
1,2,3-Trichlorobenzene  
Concen: 16.966 ug/l  
RT: 15.812 min Scan# 2356  
Delta R.T. 0.000 min  
Lab File: VN087696.D  
Acq: 29 Aug 2025 13:24



Tgt Ion:180 Resp: 63231  
Ion Ratio Lower Upper  
180 100  
182 94.9 46.8 140.3  
145 34.1 17.3 52.0

