

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN060625\  
 Data File : VN086869.D  
 Acq On : 06 Jun 2025 15:54  
 Operator : JC\MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN060625

Quant Time: Jun 07 02:16:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.230  | 168  | 218122   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.106  | 114  | 394140   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 348935   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.794 | 152  | 172710   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.588  | 65    | 152255   | 52.135   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.260% |      |
| 35) Dibromofluoromethane    | 8.177  | 113   | 127102   | 54.416   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 108.840% |      |
| 50) Toluene-d8              | 10.571 | 98    | 491265   | 53.129   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 106.260% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 185792   | 54.081   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 108.160% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.154 | 85  | 120237  | 55.286  | ug/l | 99  |
| 3) Chloromethane             | 2.401 | 50  | 139027  | 49.505  | ug/l | 99  |
| 4) Vinyl Chloride            | 2.554 | 62  | 151951  | 52.451  | ug/l | 99  |
| 5) Bromomethane              | 2.989 | 94  | 89638   | 55.292  | ug/l | 95  |
| 6) Chloroethane              | 3.154 | 64  | 95654   | 51.117  | ug/l | 96  |
| 7) Trichlorofluoromethane    | 3.524 | 101 | 196138  | 51.819  | ug/l | 97  |
| 8) Diethyl Ether             | 3.983 | 74  | 87405   | 53.001  | ug/l | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.395 | 101 | 127498  | 53.615  | ug/l | 99  |
| 10) Methyl Iodide            | 4.612 | 142 | 164080  | 53.227  | ug/l | 97  |
| 11) Tert butyl alcohol       | 5.542 | 59  | 207768  | 262.193 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 4.359 | 96  | 125461  | 51.678  | ug/l | 99  |
| 13) Acrolein                 | 4.195 | 56  | 60336   | 240.545 | ug/l | 98  |
| 14) Allyl chloride           | 5.042 | 41  | 203344  | 50.504  | ug/l | 98  |
| 15) Acrylonitrile            | 5.736 | 53  | 479502  | 258.885 | ug/l | 100 |
| 16) Acetone                  | 4.448 | 43  | 382146  | 246.750 | ug/l | 98  |
| 17) Carbon Disulfide         | 4.736 | 76  | 339466  | 50.550  | ug/l | 100 |
| 18) Methyl Acetate           | 5.042 | 43  | 234290  | 51.912  | ug/l | 100 |
| 19) Methyl tert-butyl Ether  | 5.818 | 73  | 454641  | 51.720  | ug/l | 100 |
| 20) Methylene Chloride       | 5.295 | 84  | 143862  | 49.617  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 5.806 | 96  | 133535  | 49.437  | ug/l | 99  |
| 22) Diisopropyl ether        | 6.689 | 45  | 440080  | 51.853  | ug/l | 99  |
| 23) Vinyl Acetate            | 6.618 | 43  | 1828919 | 255.055 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 6.589 | 63  | 251473  | 51.487  | ug/l | 98  |
| 25) 2-Butanone               | 7.494 | 43  | 644194  | 255.897 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 7.500 | 77  | 216678  | 57.031  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.500 | 96  | 164985  | 51.073  | ug/l | 99  |
| 28) Bromochloromethane       | 7.824 | 49  | 108810  | 45.310  | ug/l | 99  |
| 29) Tetrahydrofuran          | 7.847 | 42  | 420891  | 256.656 | ug/l | 100 |
| 30) Chloroform               | 7.977 | 83  | 248429  | 50.933  | ug/l | 97  |
| 31) Cyclohexane              | 8.265 | 56  | 237836  | 50.212  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 8.177 | 97  | 209927  | 50.603  | ug/l | 97  |
| 36) 1,1-Dichloropropene      | 8.377 | 75  | 181414  | 52.123  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.571 | 43  | 222090  | 50.125  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.371 | 117 | 179281  | 52.466  | ug/l | 98  |
| 39) Methylcyclohexane        | 9.606 | 83  | 251231  | 52.686  | ug/l | 98  |
| 40) Benzene                  | 8.612 | 78  | 579667  | 50.931  | ug/l | 99  |

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 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN060625

Quant Time: Jun 07 02:16:19 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 07 02:12:50 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.789  | 41   | 130903   | 52.607   | ug/l   | 100      |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 177746   | 51.489   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 359378   | 50.536   | ug/l   | 100      |
| 44) Trichloroethene           | 9.359  | 130  | 139763   | 51.788   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 142463   | 51.450   | ug/l   | 99       |
| 46) Dibromomethane            | 9.712  | 93   | 97199    | 52.849   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 196104   | 51.824   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.688  | 41   | 168001   | 51.328   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 66102    | 1110.123 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 1146622  | 267.835  | ug/l   | 99       |
| 52) Toluene                   | 10.635 | 92   | 361963   | 52.040   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 224839   | 53.137   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 237774   | 52.519   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 137998   | 51.562   | ug/l   | 99       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 241649   | 56.688   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 238572   | 51.386   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 625479   | 246.006  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.200 | 43   | 781717   | 283.478  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 146749   | 52.627   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 142338   | 51.887   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.106 | 164  | 111409   | 50.450   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.894 | 112  | 391661   | 50.892   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 129045   | 52.164   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 683879   | 51.590   | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.071 | 106  | 527293   | 103.912  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 254600   | 52.387   | ug/l   | 100      |
| 70) Styrene                   | 12.412 | 104  | 438751   | 52.758   | ug/l   | 99       |
| 71) Bromoform                 | 12.582 | 173  | 100357   | 54.751   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.694 | 105  | 652045   | 51.823   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.506 | 43   | 238355   | 54.212   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 220643   | 51.763   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 302004   | 73.563   | ug/l   | 69       |
| 77) Bromobenzene              | 12.982 | 156  | 150950   | 52.313   | ug/l   | 100      |
| 78) n-propylbenzene           | 13.035 | 91   | 801180   | 52.397   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 473629   | 51.650   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 13.171 | 105  | 548347   | 52.787   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 99341    | 55.702   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.223 | 91   | 481403   | 51.884   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.441 | 119  | 499519   | 52.532   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 552333   | 53.024   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.618 | 105  | 723986   | 52.428   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 606979   | 53.174   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 290810   | 51.224   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 298412   | 51.557   | ug/l   | 100      |
| 89) n-Butylbenzene            | 14.059 | 91   | 579636   | 52.424   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 102254   | 52.847   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 280025   | 51.340   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 50115    | 49.161   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 181064   | 51.986   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.500 | 225  | 68570    | 52.843   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 674187   | 52.005   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 174888   | 50.539   | ug/l   | 99       |

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Operator : JC\MD  
Sample : VSTDICV050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

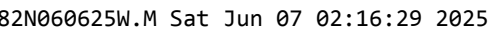
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

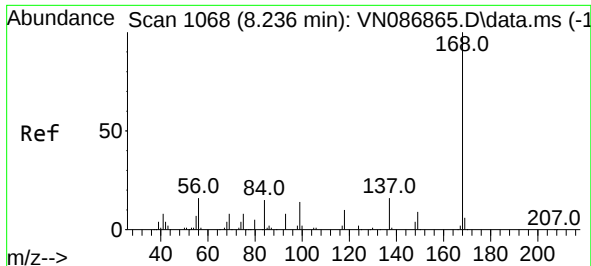
Quant Time: Jun 07 02:16:19 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N060625W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 07 02:12:50 2025  
Response via : Initial Calibration

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

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

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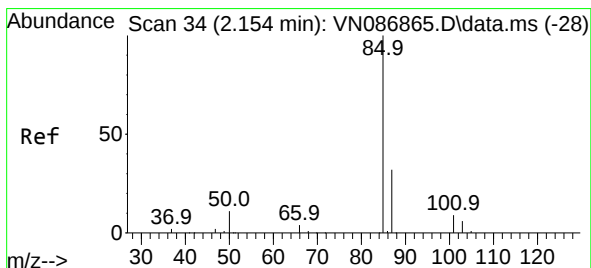
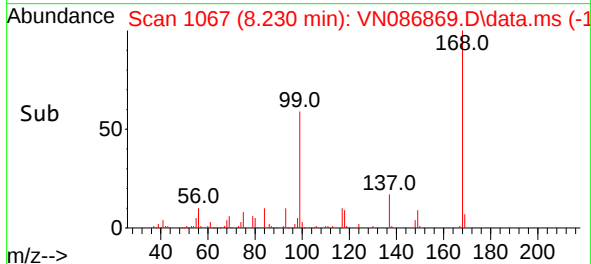
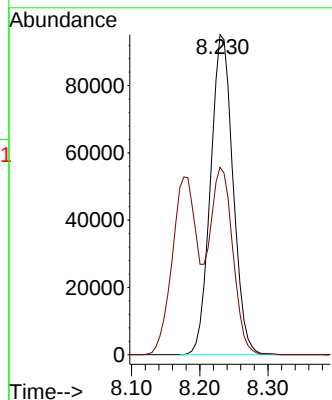
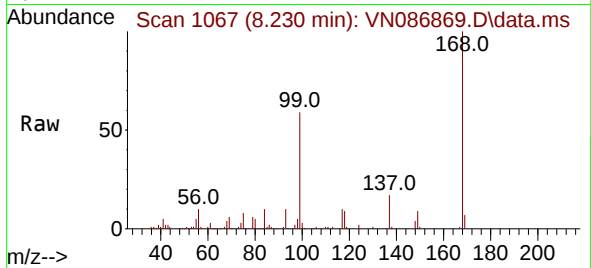




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

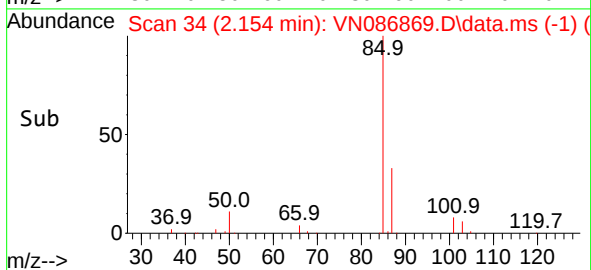
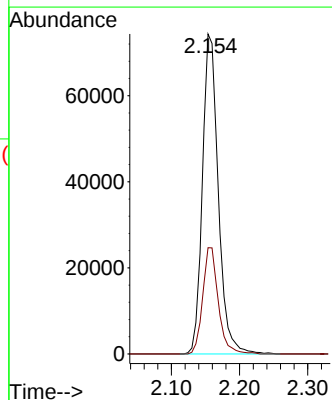
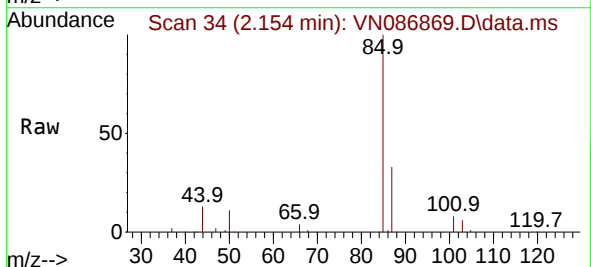
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

Tgt Ion:168 Resp: 218122  
Ion Ratio Lower Upper  
168 100  
99 58.6 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 55.286 ug/l  
RT: 2.154 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 85 Resp: 120237  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.2 48.6

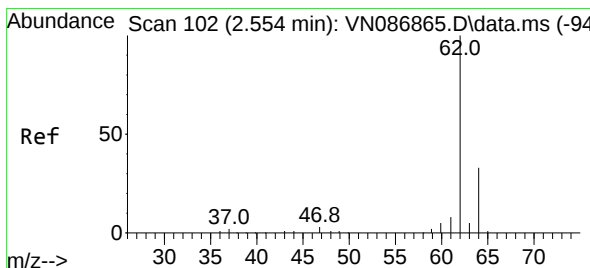
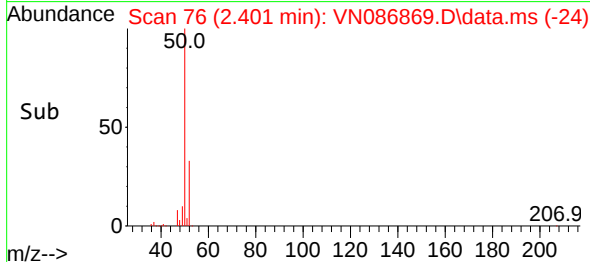
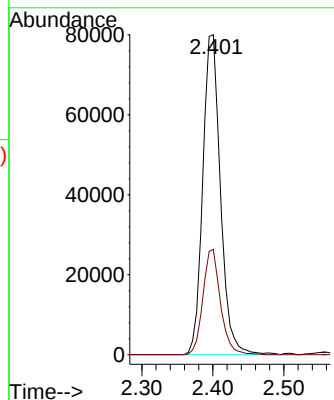
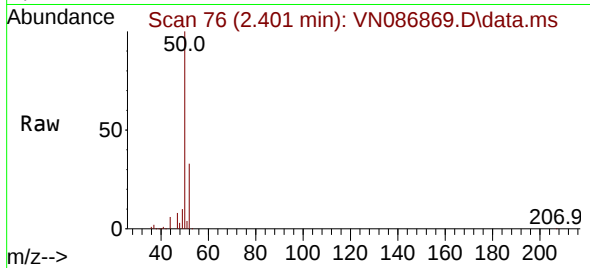




#3  
Chloromethane  
Concen: 49.505 ug/l  
RT: 2.401 min Scan# 75  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

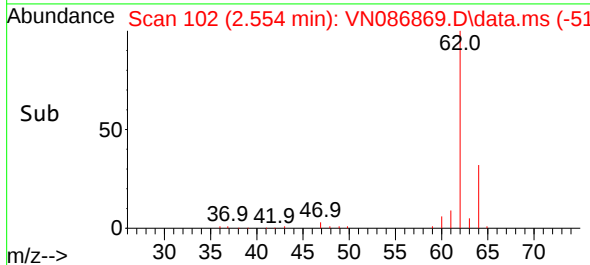
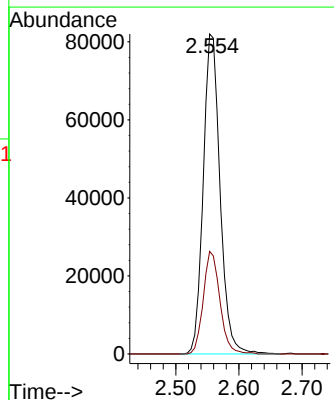
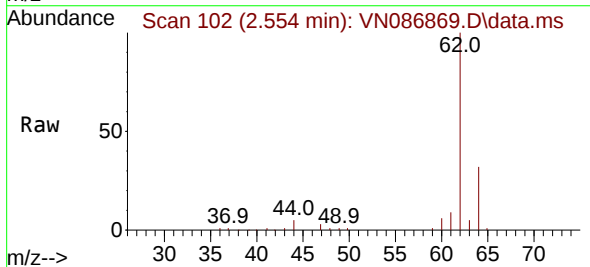
Instrument :  
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ClientSampleId :  
ICVVN060625

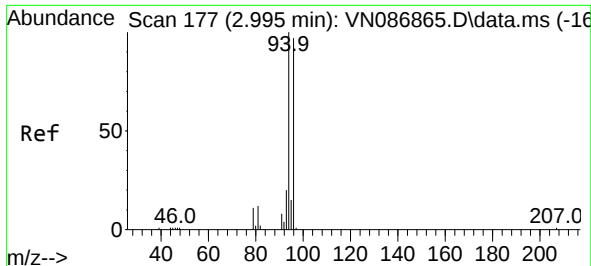
Tgt Ion: 50 Resp: 139027  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.7 38.5



#4  
Vinyl Chloride  
Concen: 52.451 ug/l  
RT: 2.554 min Scan# 102  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 62 Resp: 151951  
Ion Ratio Lower Upper  
62 100  
64 32.0 26.0 39.0

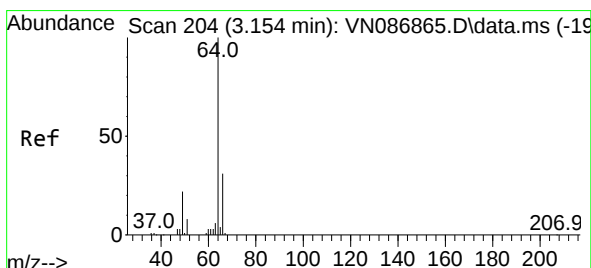
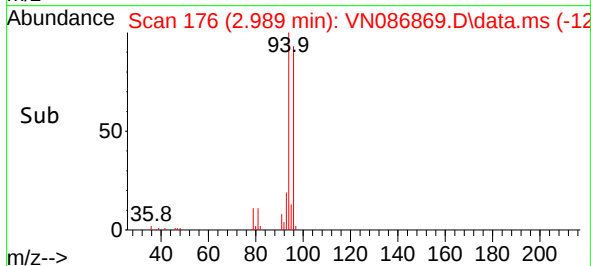
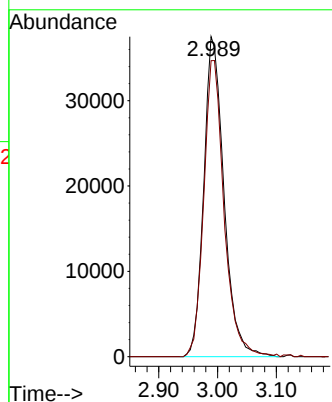
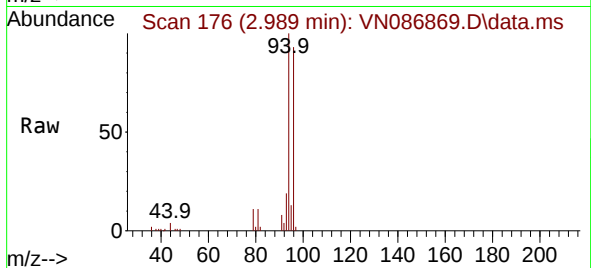




#5  
Bromomethane  
Concen: 55.292 ug/l  
RT: 2.989 min Scan# 177  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

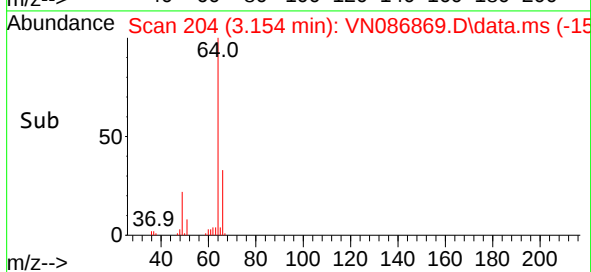
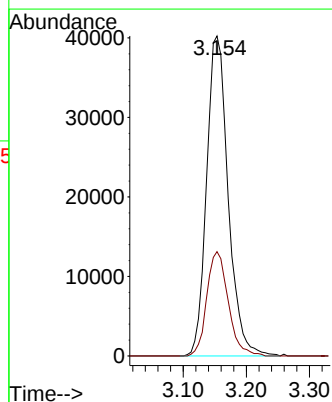
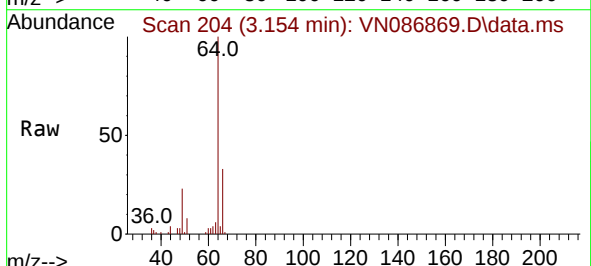
Instrument :  
MSVOA\_N  
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ICVVN060625

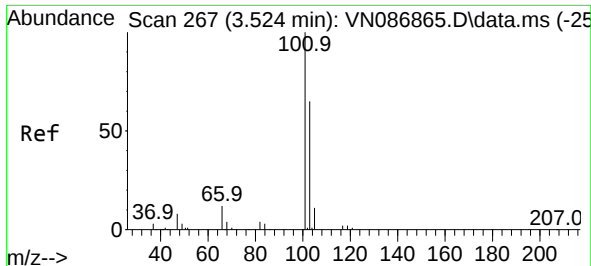
Tgt Ion: 94 Resp: 89638  
Ion Ratio Lower Upper  
94 100  
96 92.5 77.9 116.9



#6  
Chloroethane  
Concen: 51.117 ug/l  
RT: 3.154 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 64 Resp: 95654  
Ion Ratio Lower Upper  
64 100  
66 32.6 24.6 36.8

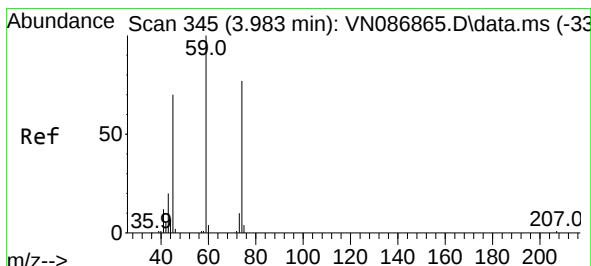
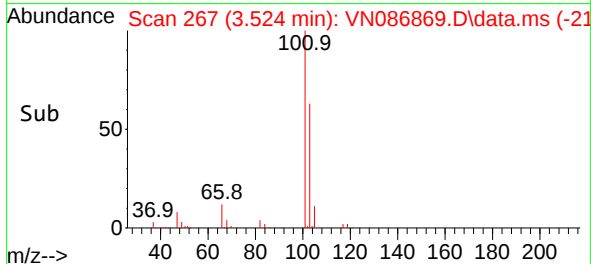
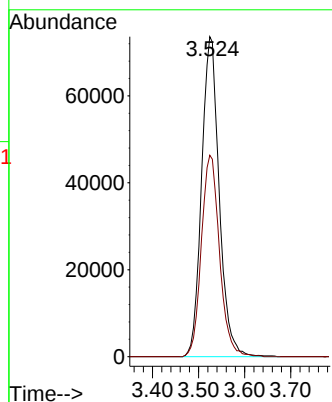
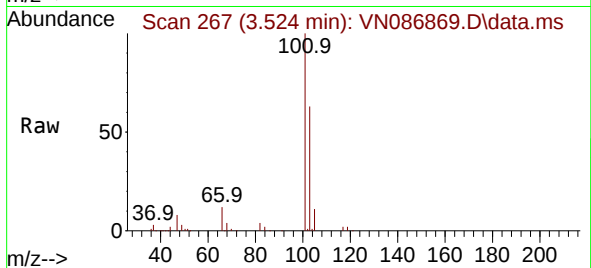




#7  
 Trichlorofluoromethane  
 Concen: 51.819 ug/l  
 RT: 3.524 min Scan# 267  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

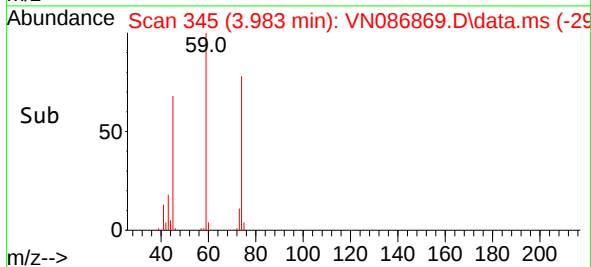
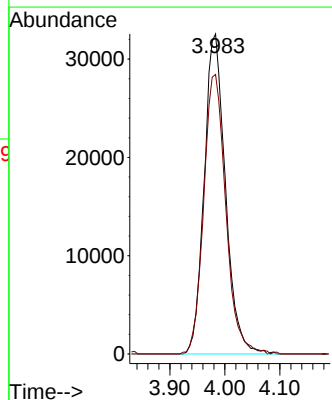
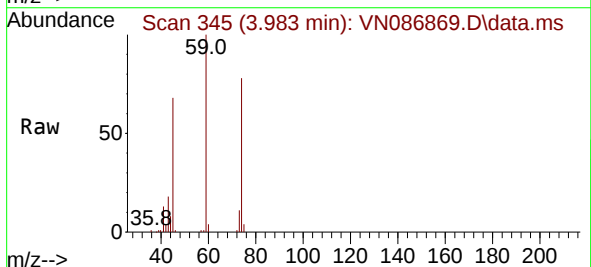
Instrument :  
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 ClientSampleId :  
 ICVVN060625

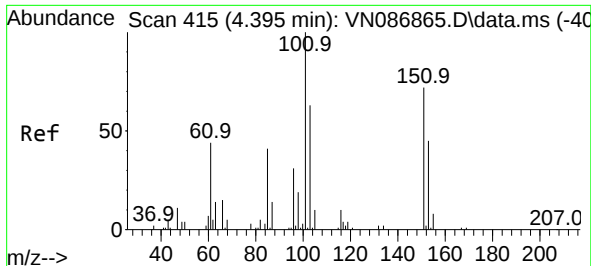
Tgt Ion:101 Resp: 196138  
 Ion Ratio Lower Upper  
 101 100  
 103 62.9 52.2 78.2



#8  
 Diethyl Ether  
 Concen: 53.001 ug/l  
 RT: 3.983 min Scan# 345  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

Tgt Ion: 74 Resp: 87405  
 Ion Ratio Lower Upper  
 74 100  
 45 90.9 45.5 136.5

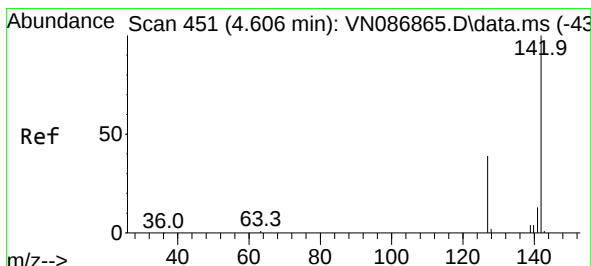
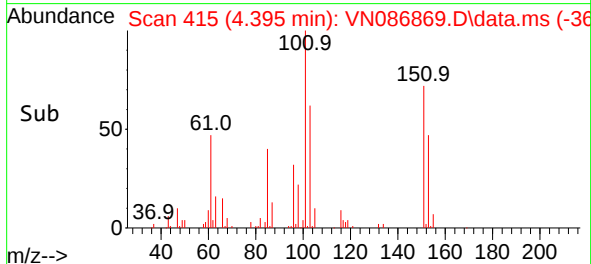
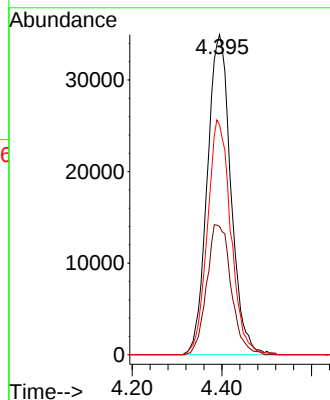
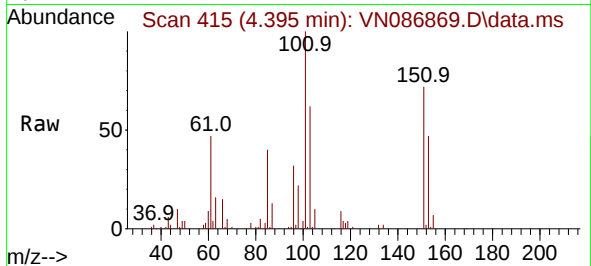




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.615 ug/l  
RT: 4.395 min Scan# 415  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

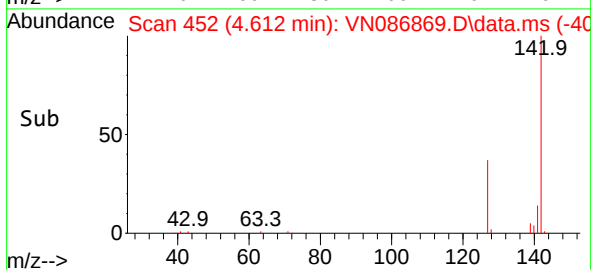
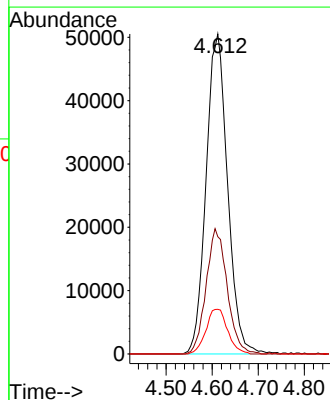
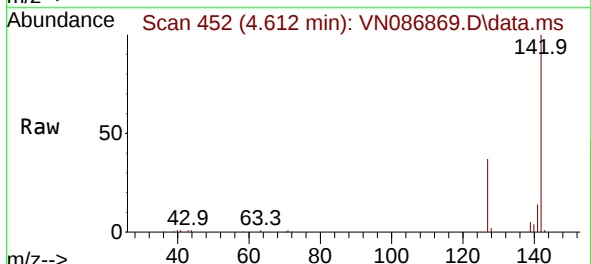
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

Tgt Ion:101 Resp: 127498  
Ion Ratio Lower Upper  
101 100  
85 41.9 33.8 50.8  
151 72.8 58.7 88.1



#10  
Methyl Iodide  
Concen: 53.227 ug/l  
RT: 4.612 min Scan# 452  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion:142 Resp: 164080  
Ion Ratio Lower Upper  
142 100  
127 36.6 30.9 46.3  
141 14.0 10.4 15.6

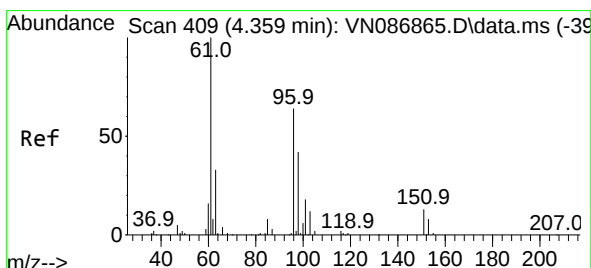
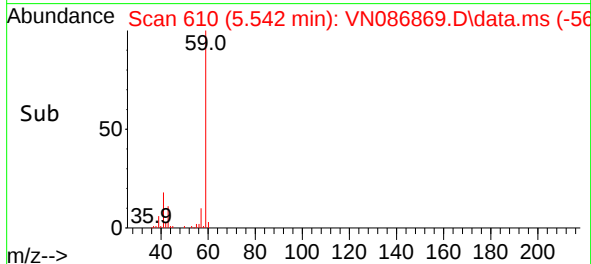
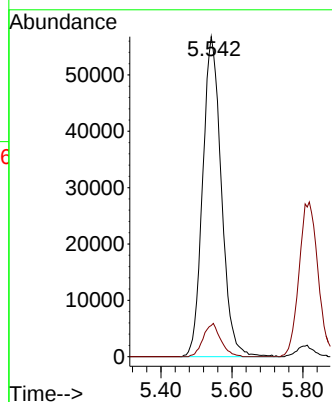
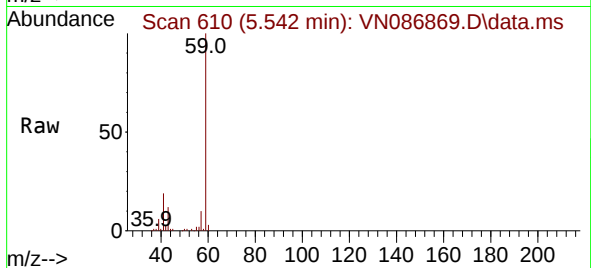




#11  
Tert butyl alcohol  
Concen: 262.193 ug/l  
RT: 5.542 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

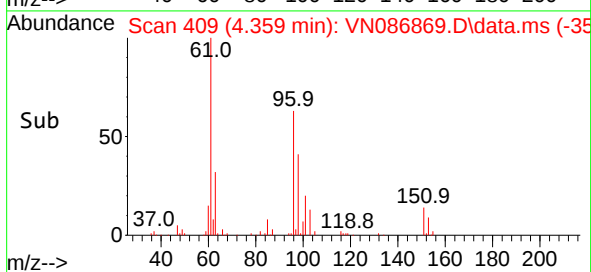
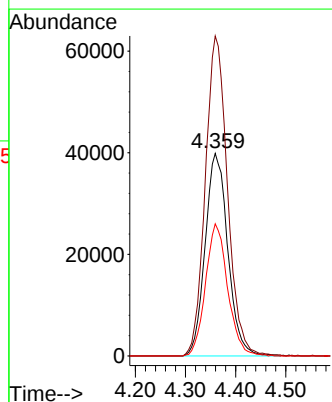
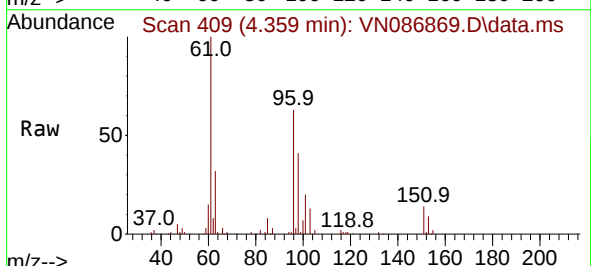
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

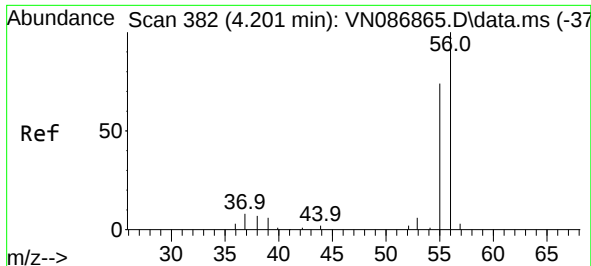
Tgt Ion: 59 Resp: 207768  
Ion Ratio Lower Upper  
59 100  
57 9.8 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 51.678 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 96 Resp: 125461  
Ion Ratio Lower Upper  
96 100  
61 158.0 125.8 188.6  
98 65.2 52.5 78.7





#13

Acrolein

Concen: 240.545 ug/l

RT: 4.195 min Scan# 382

Delta R.T. -0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

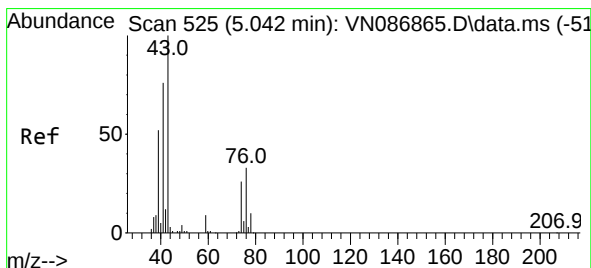
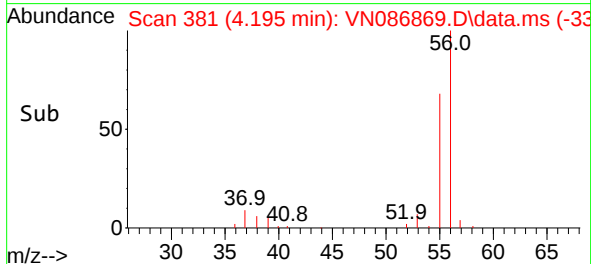
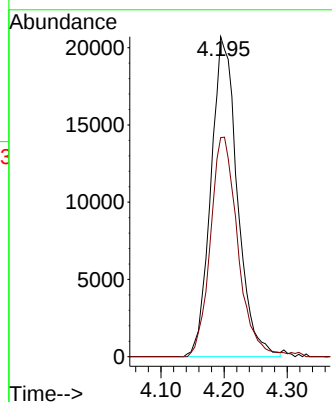
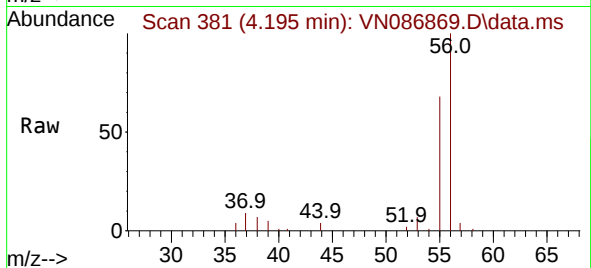
ICVVN060625

Tgt Ion: 56 Resp: 60336

Ion Ratio Lower Upper

56 100

55 71.1 55.6 83.4



#14

Allyl chloride

Concen: 50.504 ug/l

RT: 5.042 min Scan# 525

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

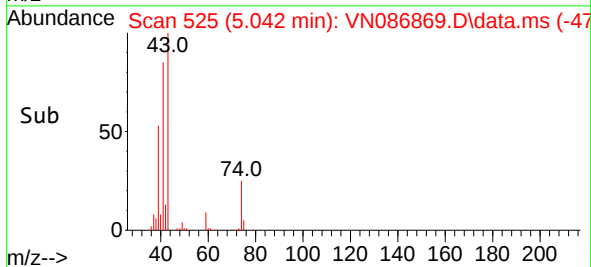
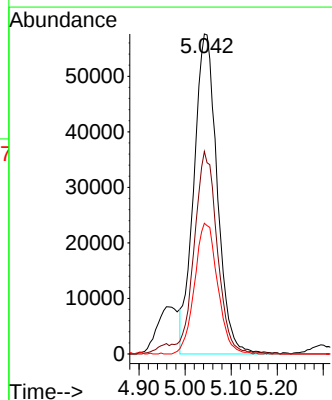
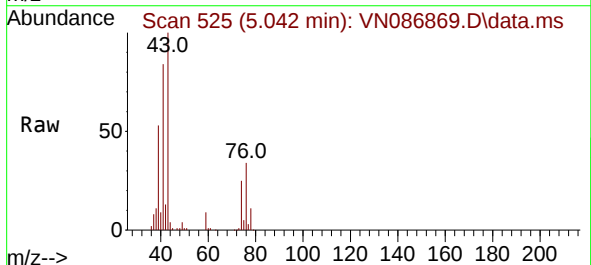
Tgt Ion: 41 Resp: 203344

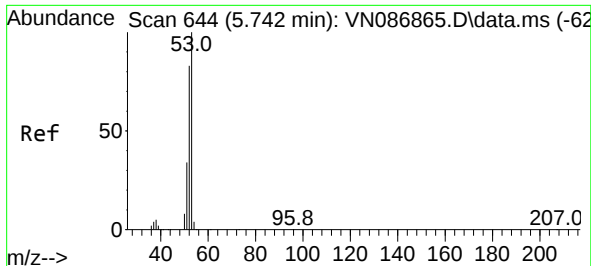
Ion Ratio Lower Upper

41 100

39 62.3 51.3 76.9

76 40.4 31.4 47.0

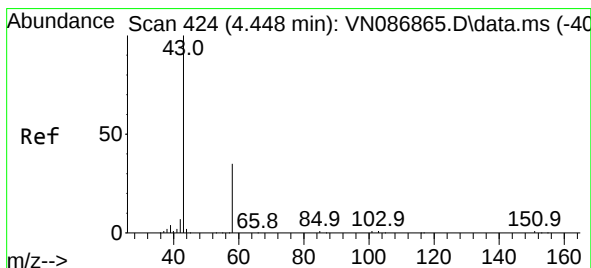
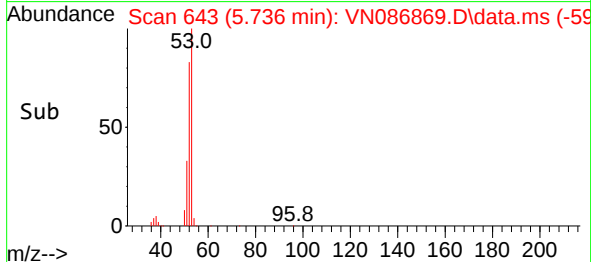
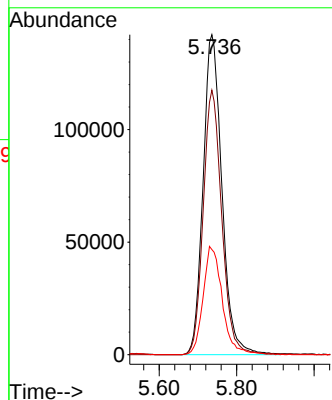
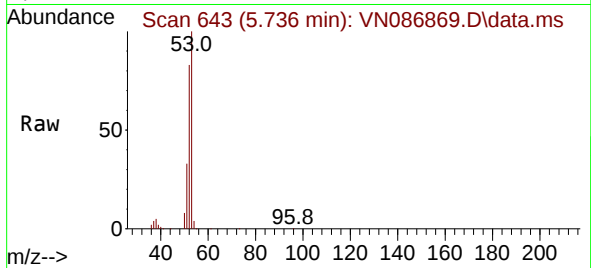




#15  
Acrylonitrile  
Concen: 258.885 ug/l  
RT: 5.736 min Scan# 644  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

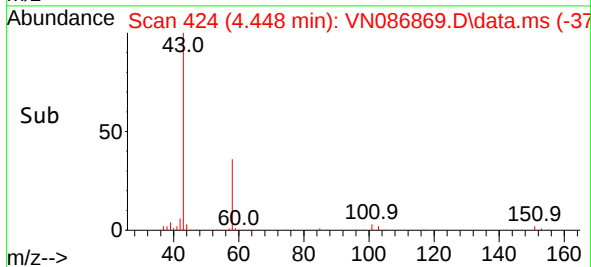
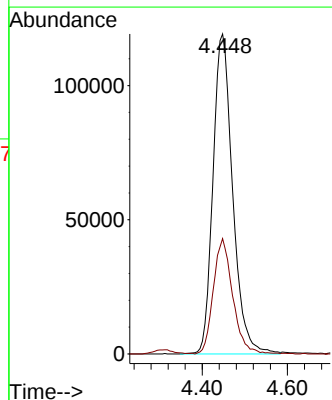
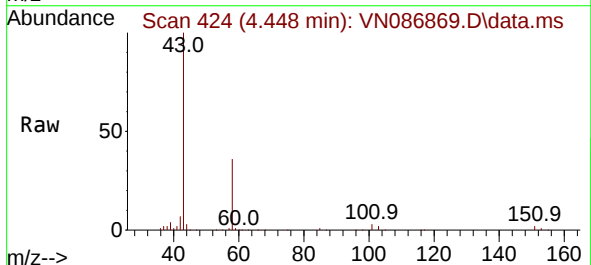
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

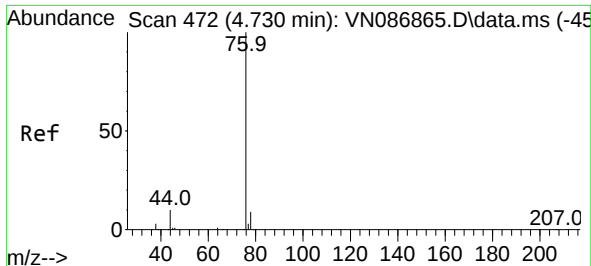
Tgt Ion: 53 Resp: 479502  
Ion Ratio Lower Upper  
53 100  
52 81.3 65.0 97.6  
51 34.5 27.2 40.8



#16  
Acetone  
Concen: 246.750 ug/l  
RT: 4.448 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 382146  
Ion Ratio Lower Upper  
43 100  
58 35.9 28.0 42.0

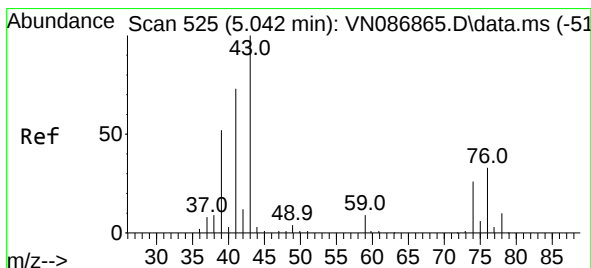
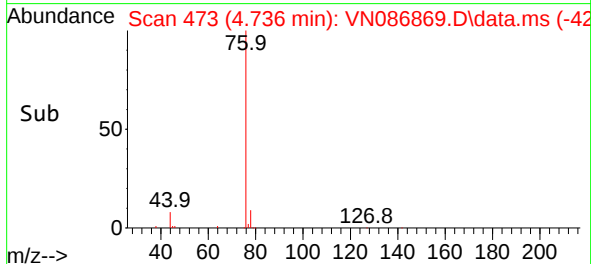
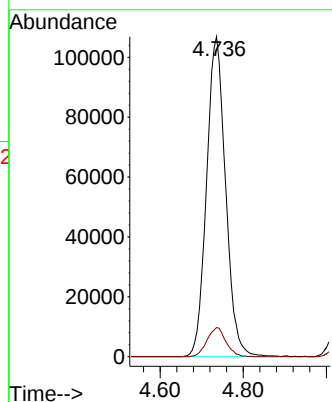
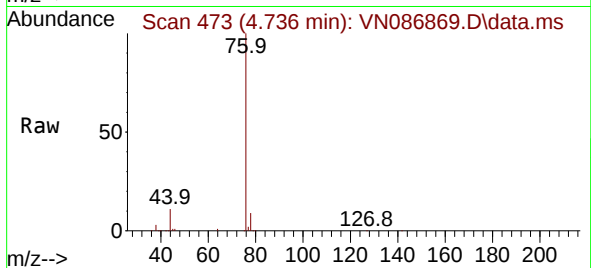




#17  
Carbon Disulfide  
Concen: 50.550 ug/l  
RT: 4.736 min Scan# 473  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

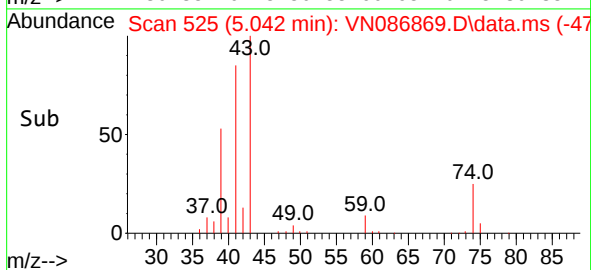
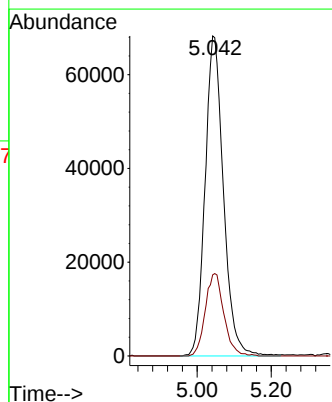
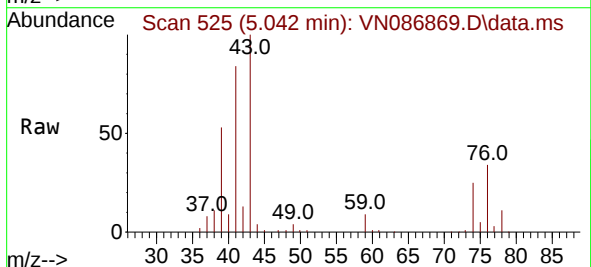
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

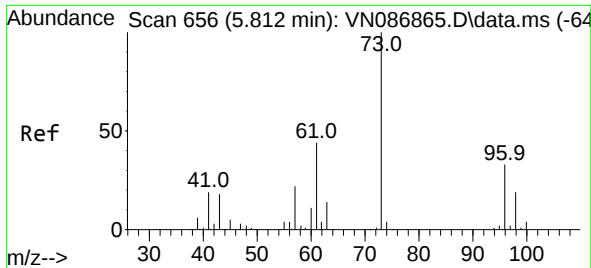
Tgt Ion: 76 Resp: 339466  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 51.912 ug/l  
RT: 5.042 min Scan# 525  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 234290  
Ion Ratio Lower Upper  
43 100  
74 25.9 20.7 31.1

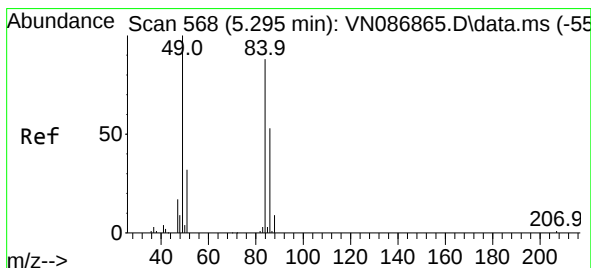
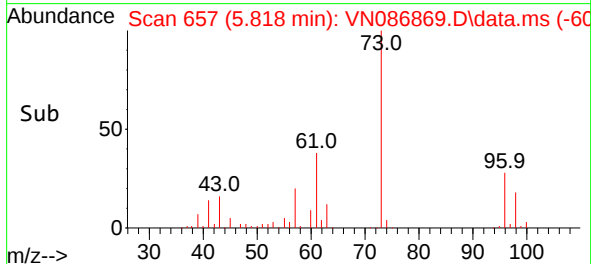
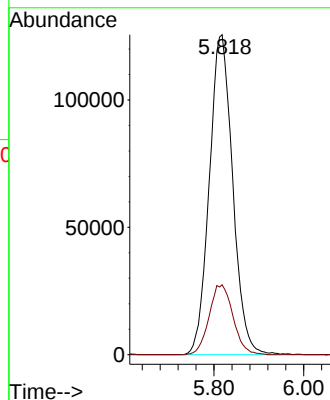
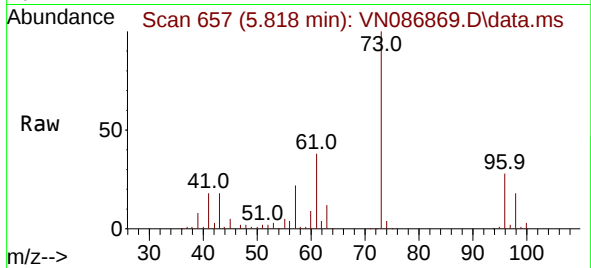




#19  
Methyl tert-butyl Ether  
Concen: 51.720 ug/l  
RT: 5.818 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

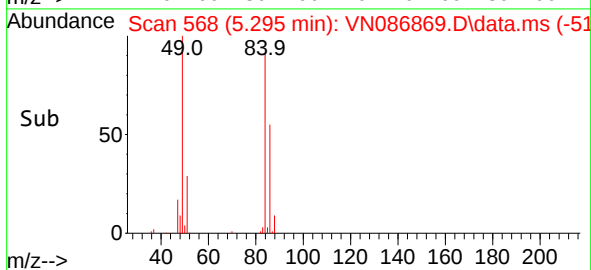
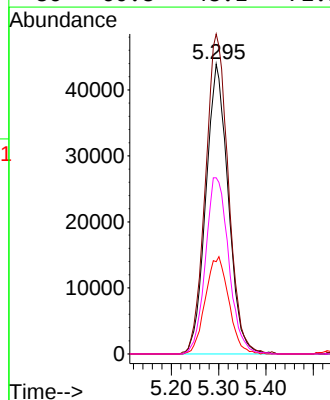
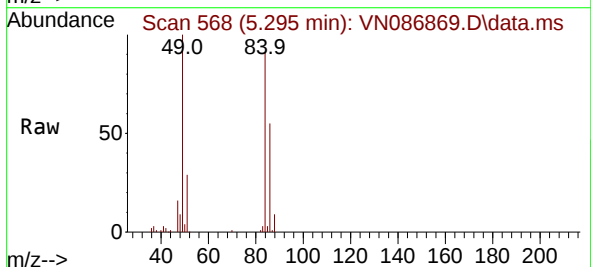
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ClientSampleId :  
ICVNVN060625

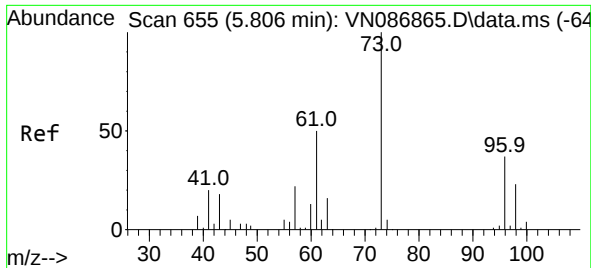
Tgt Ion: 73 Resp: 454641  
Ion Ratio Lower Upper  
73 100  
57 21.8 17.4 26.2



#20  
Methylene Chloride  
Concen: 49.617 ug/l  
RT: 5.295 min Scan# 568  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 84 Resp: 143862  
Ion Ratio Lower Upper  
84 100  
49 110.3 90.5 135.7  
51 31.8 28.5 42.7  
86 60.8 48.1 72.1

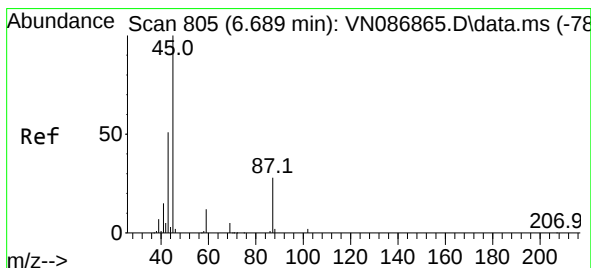
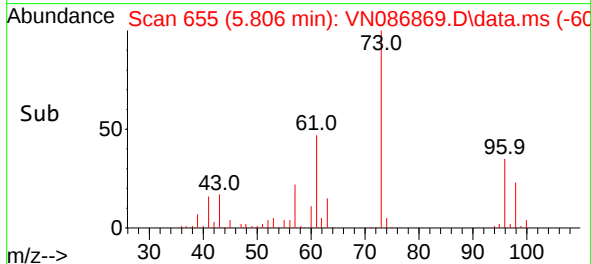
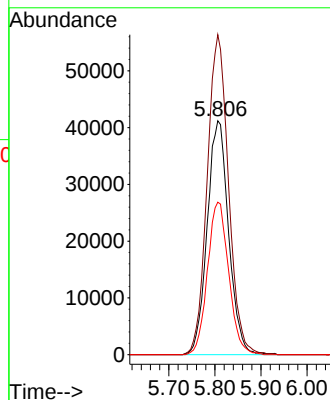
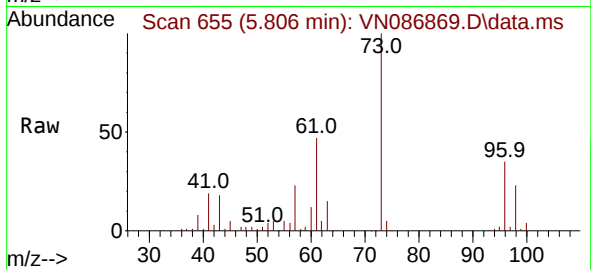




#21  
trans-1,2-Dichloroethene  
Concen: 49.437 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

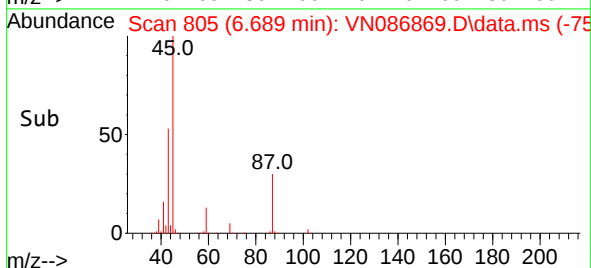
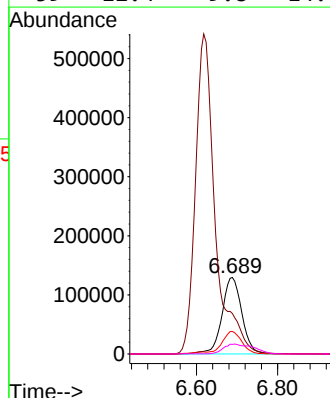
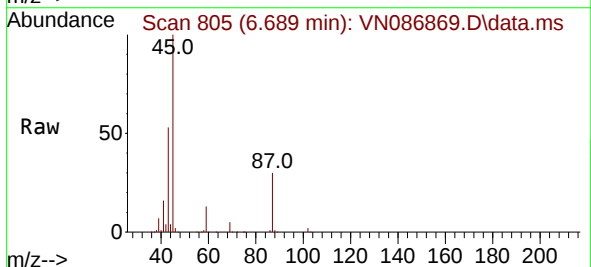
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

Tgt Ion: 96 Resp: 133535  
Ion Ratio Lower Upper  
96 100  
61 136.8 109.2 163.8  
98 65.2 49.8 74.8



#22  
Diisopropyl ether  
Concen: 51.853 ug/l  
RT: 6.689 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 45 Resp: 440080  
Ion Ratio Lower Upper  
45 100  
43 52.4 41.9 62.9  
87 29.5 22.4 33.6  
59 12.4 9.8 14.6

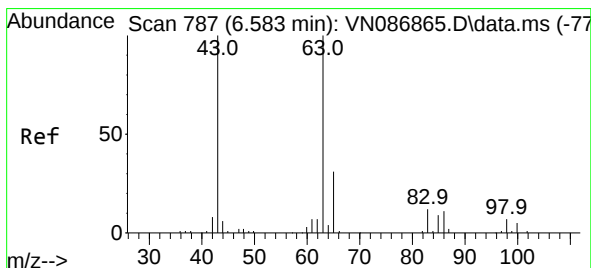
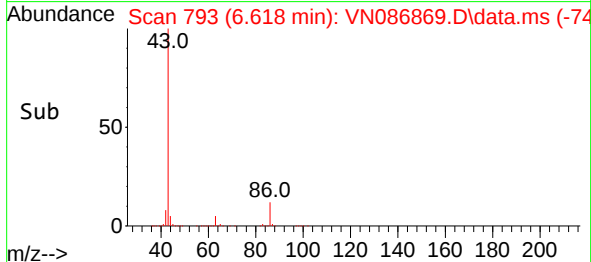
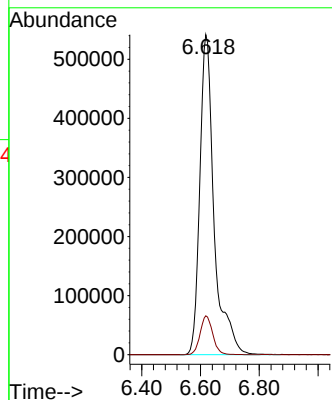
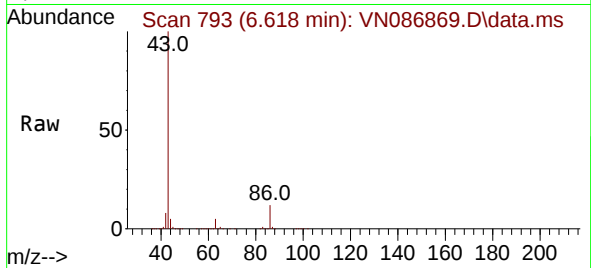




#23  
 Vinyl Acetate  
 Concen: 255.055 ug/l  
 RT: 6.618 min Scan# 793  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

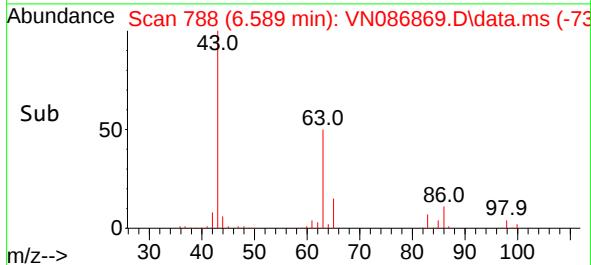
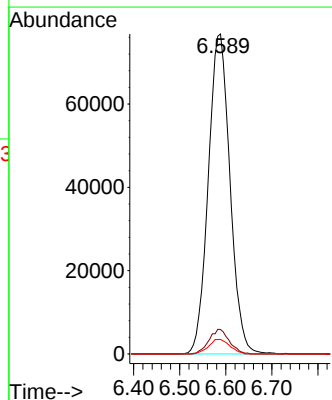
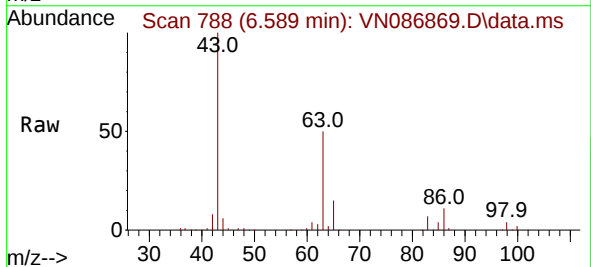
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN060625

Tgt Ion: 43 Resp: 1828919  
 Ion Ratio Lower Upper  
 43 100  
 86 12.1 9.5 14.3



#24  
 1,1-Dichloroethane  
 Concen: 51.487 ug/l  
 RT: 6.589 min Scan# 788  
 Delta R.T. 0.006 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

Tgt Ion: 63 Resp: 251473  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.6 10.8  
 100 4.6 2.6 7.8

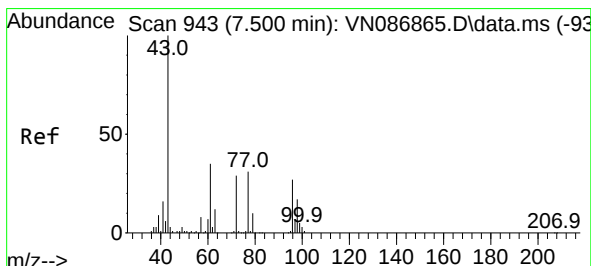
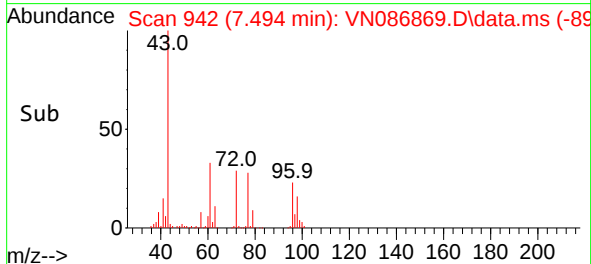
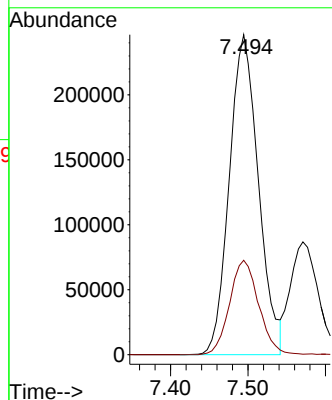
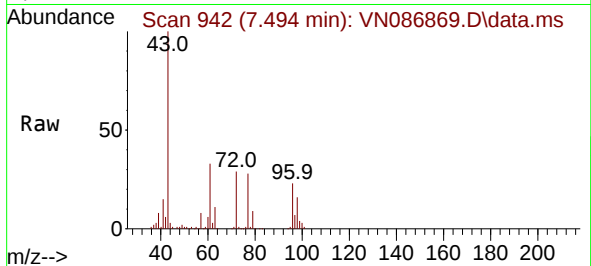




#25  
2-Butanone  
Concen: 255.897 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

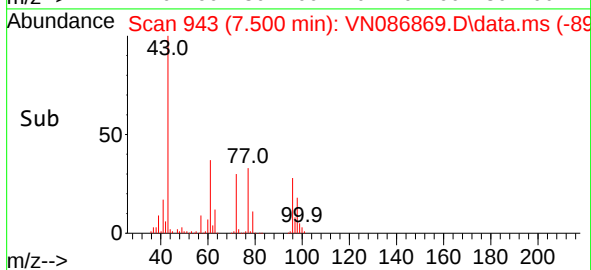
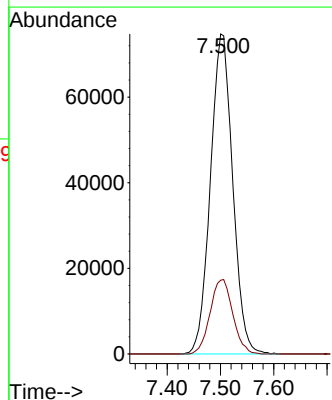
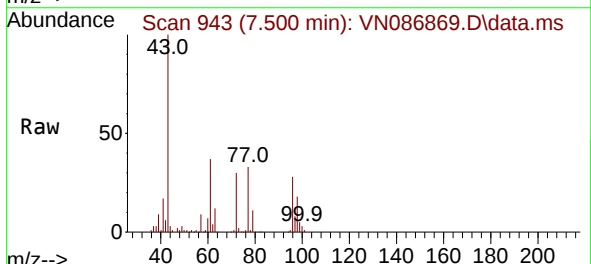
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

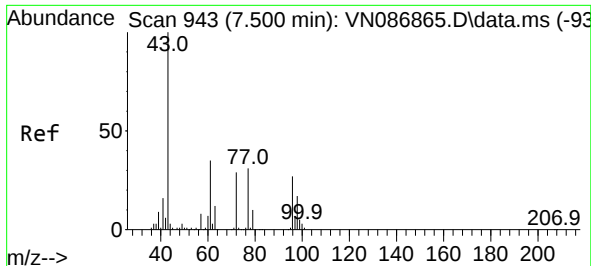
Tgt Ion: 43 Resp: 644194  
Ion Ratio Lower Upper  
43 100  
72 29.5 23.0 34.6



#26  
2,2-Dichloropropane  
Concen: 57.031 ug/l  
RT: 7.500 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 77 Resp: 216678  
Ion Ratio Lower Upper  
77 100  
97 23.7 11.6 34.7

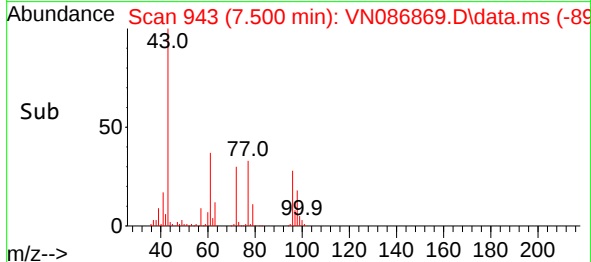
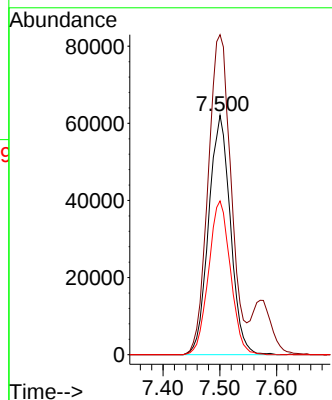
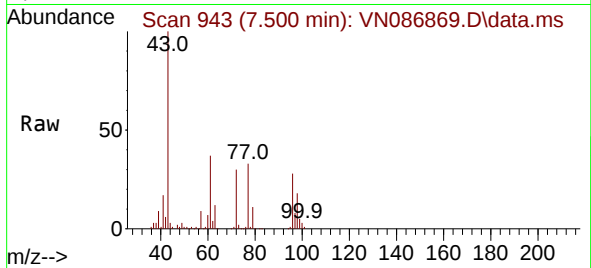




#27  
 cis-1,2-Dichloroethene  
 Concen: 51.073 ug/l  
 RT: 7.500 min Scan# 943  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

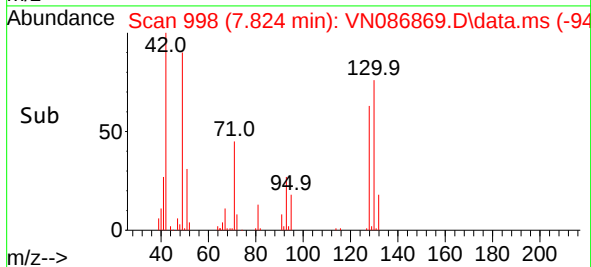
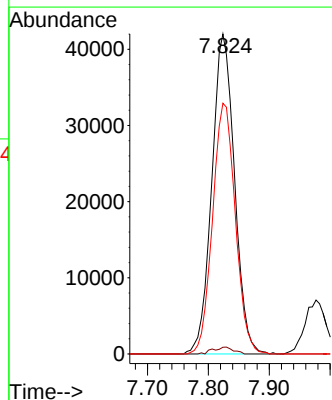
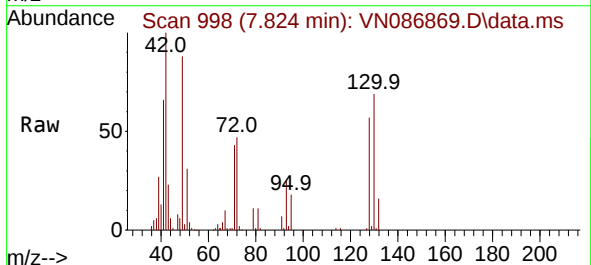
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN060625

Tgt Ion: 96 Resp: 164985  
 Ion Ratio Lower Upper  
 96 100  
 61 140.3 0.0 278.0  
 98 64.5 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 45.310 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

Tgt Ion: 49 Resp: 108810  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.8  
 130 78.5 62.2 93.2





#29

Tetrahydrofuran

Concen: 256.656 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

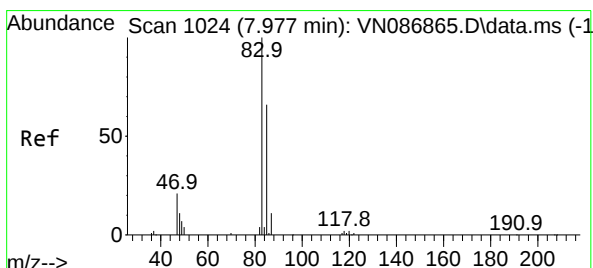
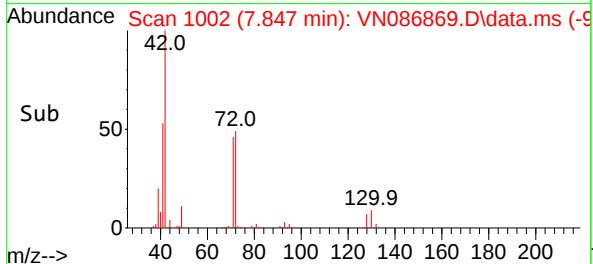
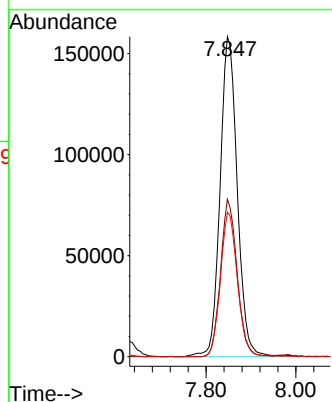
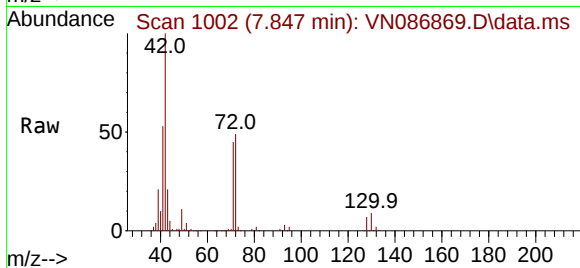
Tgt Ion: 42 Resp: 420891

Ion Ratio Lower Upper

42 100

72 47.5 37.8 56.6

71 44.5 35.6 53.4



#30

Chloroform

Concen: 50.933 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086869.D

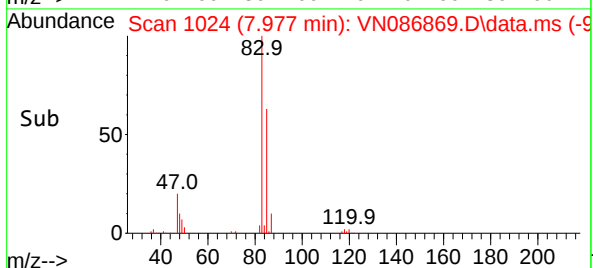
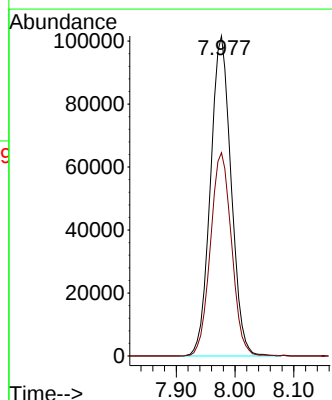
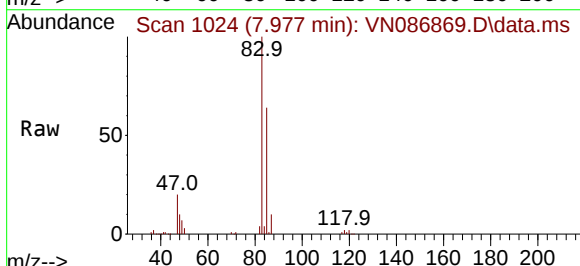
Acq: 06 Jun 2025 15:54

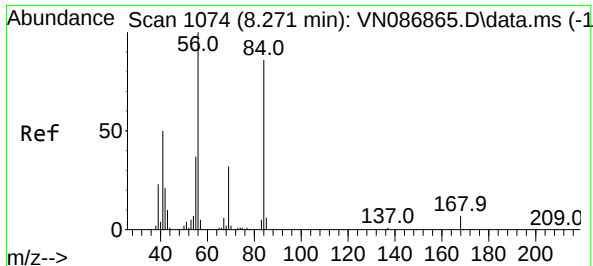
Tgt Ion: 83 Resp: 248429

Ion Ratio Lower Upper

83 100

85 63.5 52.9 79.3

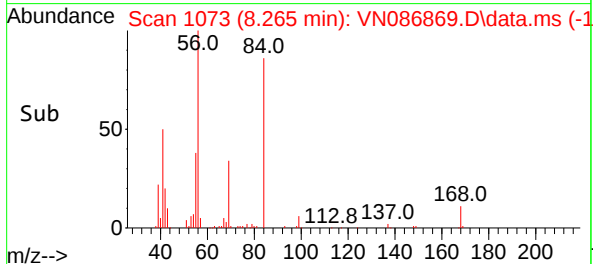
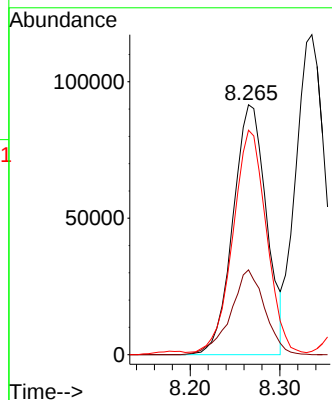
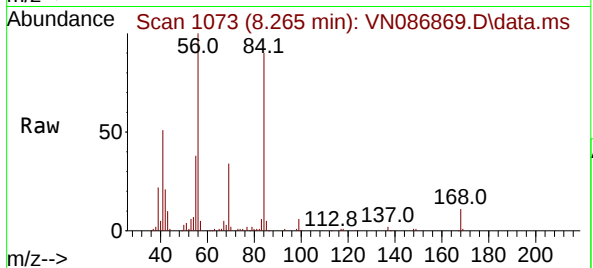




#31  
Cyclohexane  
Concen: 50.212 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

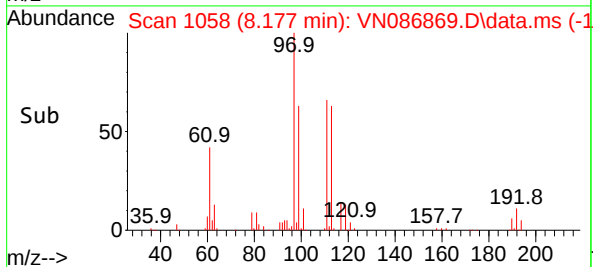
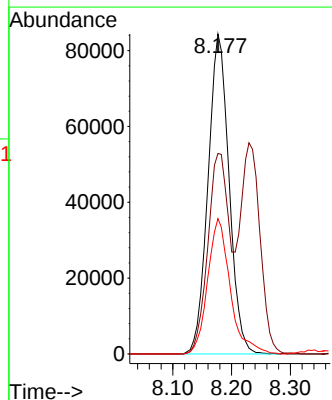
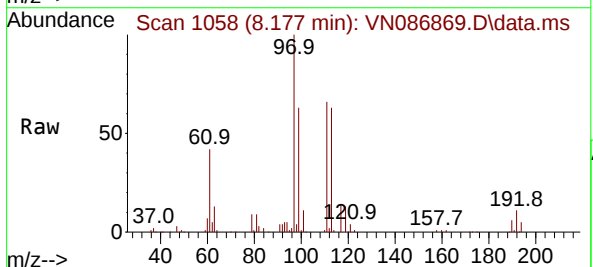
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

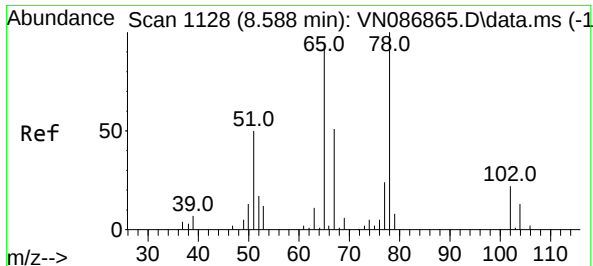
Tgt Ion: 56 Resp: 237836  
Ion Ratio Lower Upper  
56 100  
69 33.9 25.4 38.0  
84 88.4 68.8 103.2



#32  
1,1,1-Trichloroethane  
Concen: 50.603 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 97 Resp: 209927  
Ion Ratio Lower Upper  
97 100  
99 61.7 52.0 78.0  
61 45.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 52.135 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

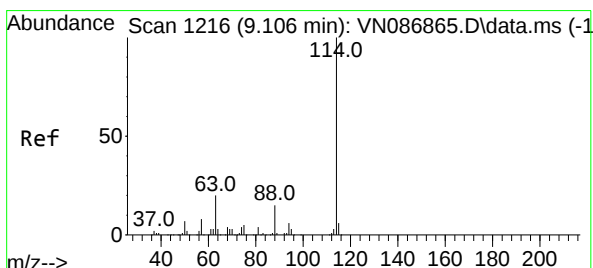
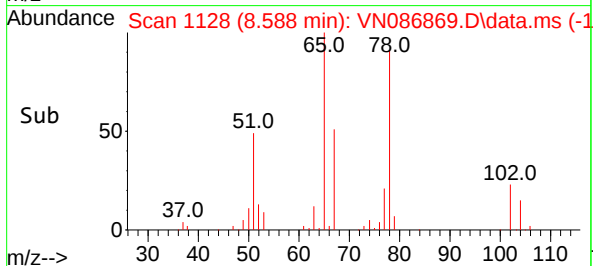
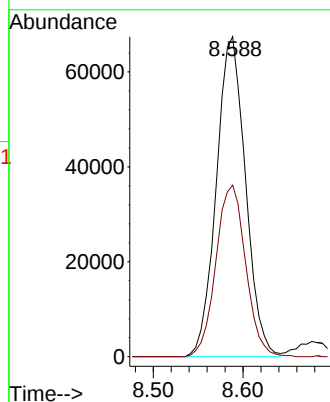
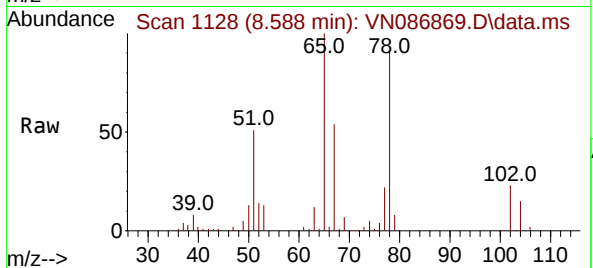
ICVVN060625

Tgt Ion: 65 Resp: 152255

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

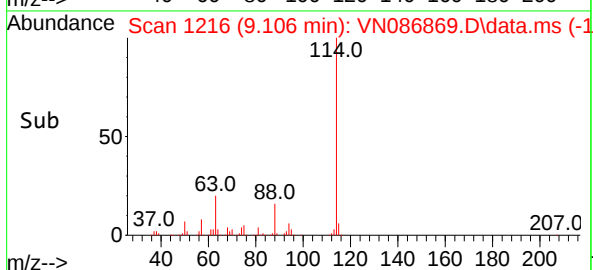
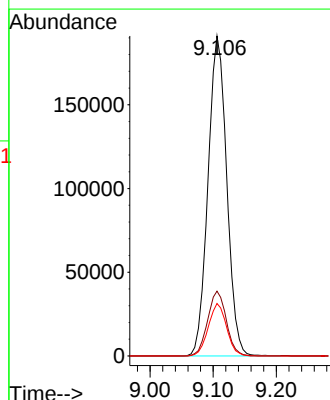
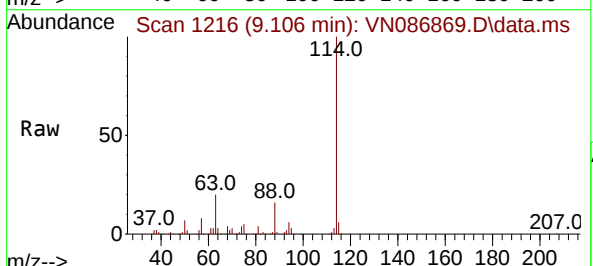
Tgt Ion: 114 Resp: 394140

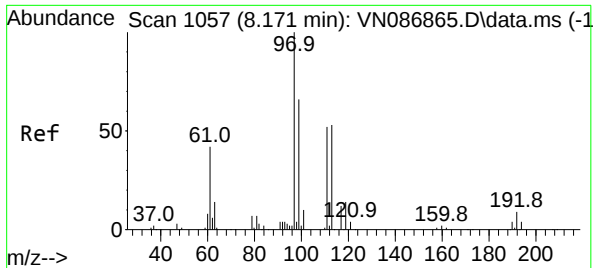
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.4 0.0 30.2

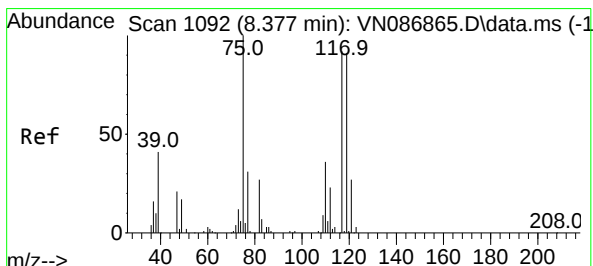
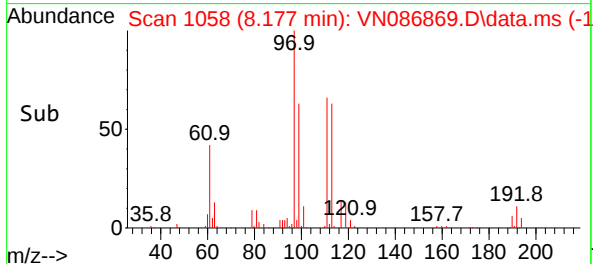
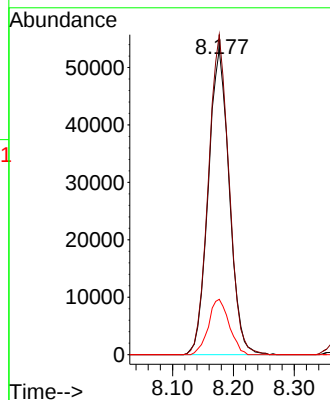
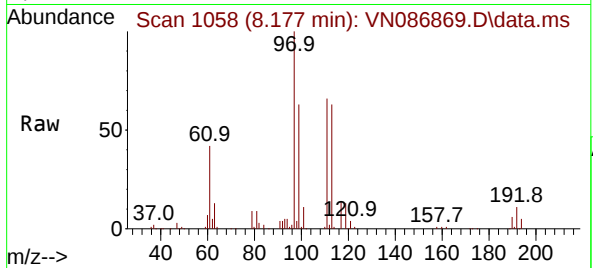




#35  
Dibromofluoromethane  
Concen: 54.416 ug/l  
RT: 8.177 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

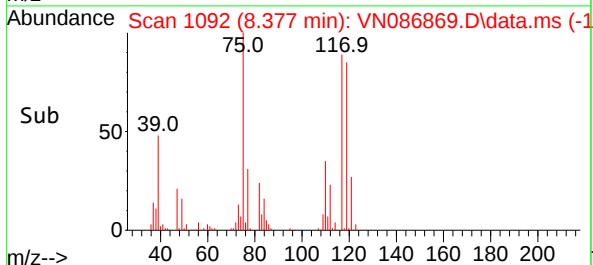
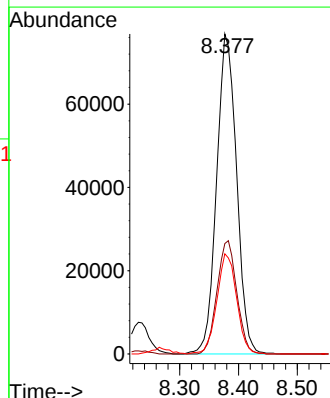
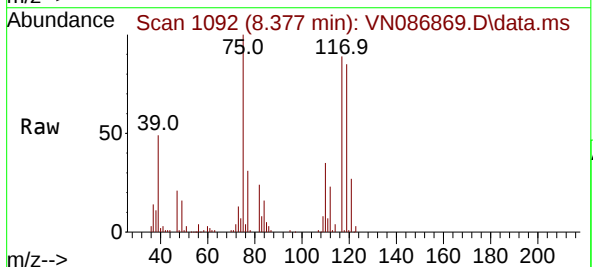
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

Tgt Ion:113 Resp: 127102  
Ion Ratio Lower Upper  
113 100  
111 103.4 84.2 126.2  
192 18.0 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 52.123 ug/l  
RT: 8.377 min Scan# 1092  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 181414  
Ion Ratio Lower Upper  
75 100  
110 35.0 17.6 52.9  
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 50.125 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

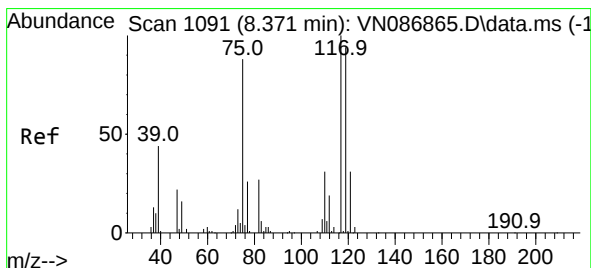
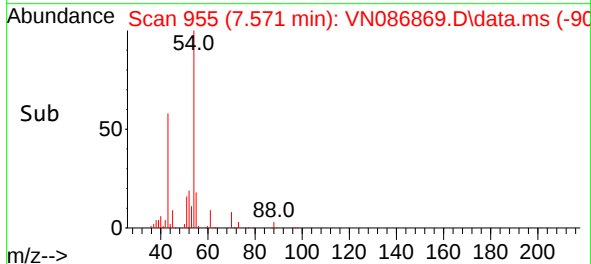
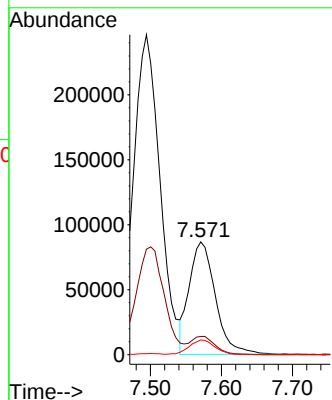
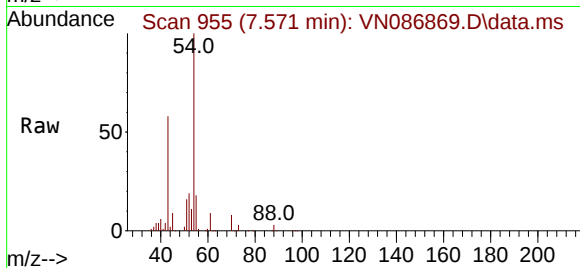
Tgt Ion: 43 Resp: 222090

Ion Ratio Lower Upper

43 100

61 15.6 12.1 18.1

70 12.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 52.466 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

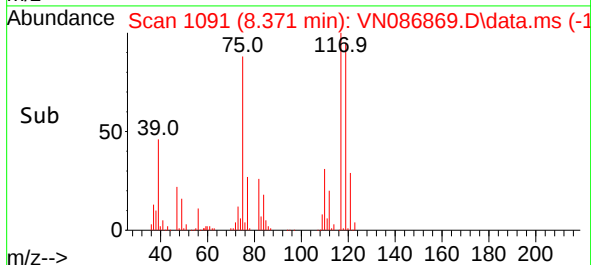
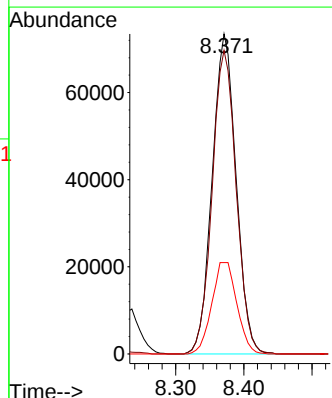
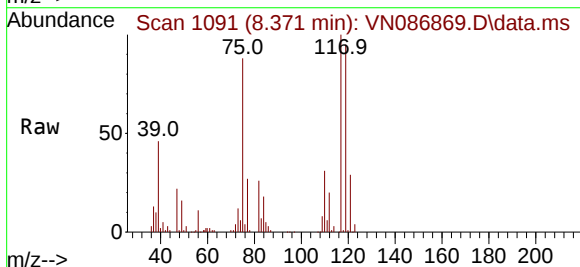
Tgt Ion: 117 Resp: 179281

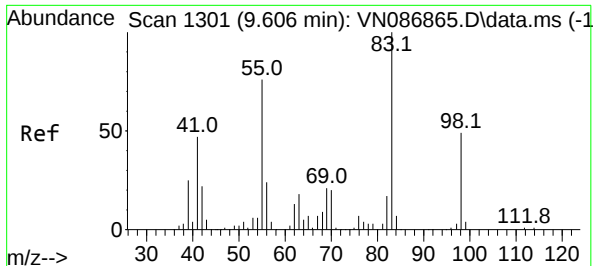
Ion Ratio Lower Upper

117 100

119 94.8 75.0 112.6

121 28.5 24.9 37.3





#39

Methylcyclohexane

Concen: 52.686 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

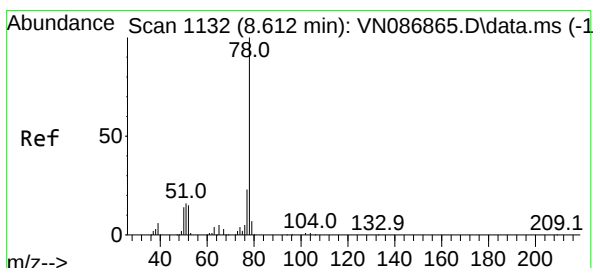
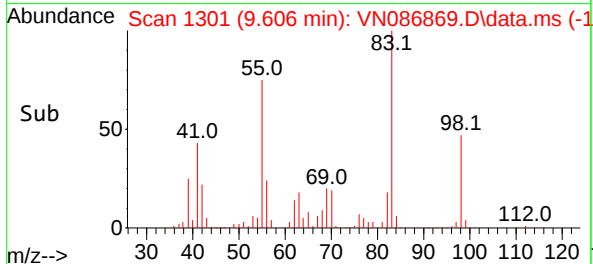
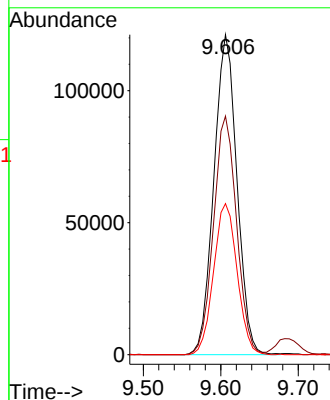
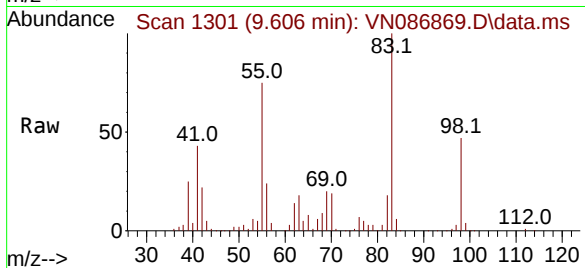
Tgt Ion: 83 Resp: 251231

Ion Ratio Lower Upper

83 100

55 74.5 61.0 91.6

98 47.2 38.9 58.3



#40

Benzene

Concen: 50.931 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086869.D

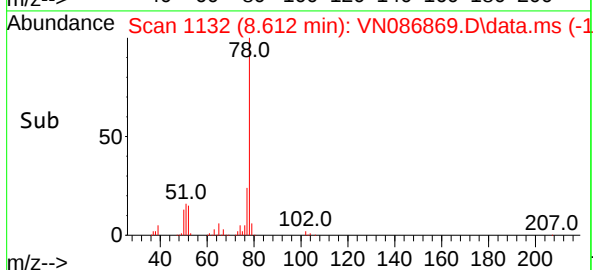
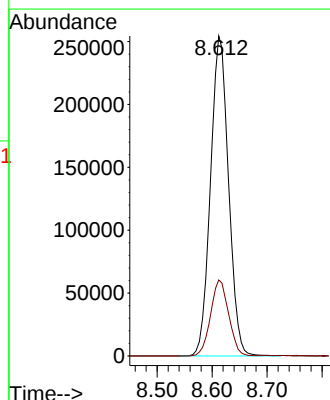
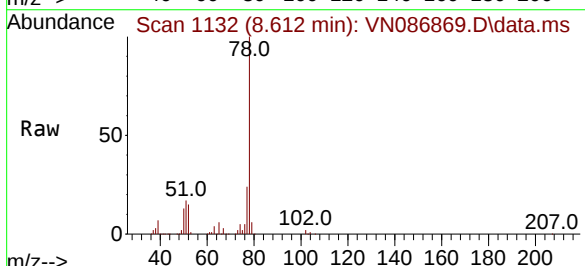
Acq: 06 Jun 2025 15:54

Tgt Ion: 78 Resp: 579667

Ion Ratio Lower Upper

78 100

77 23.7 18.7 28.1

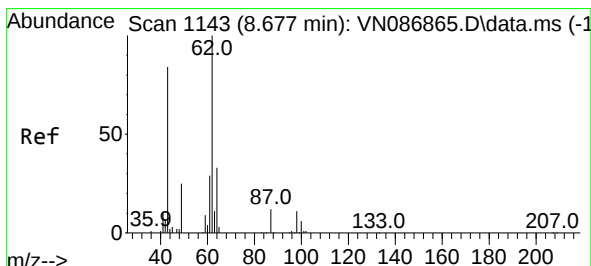
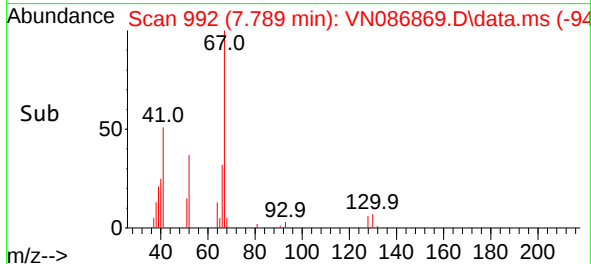
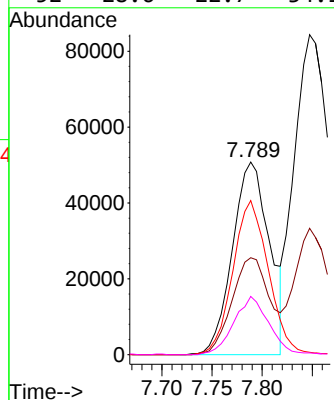
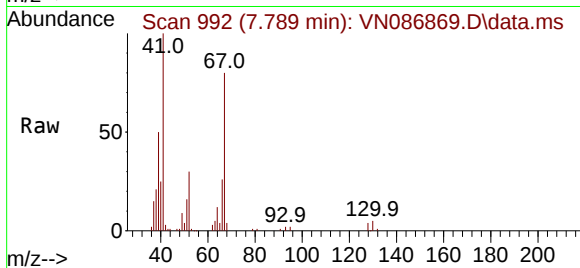




#41  
Methacrylonitrile  
Concen: 52.607 ug/l  
RT: 7.789 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

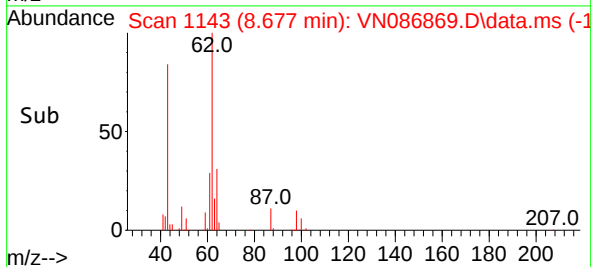
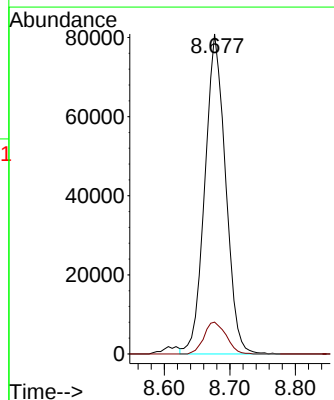
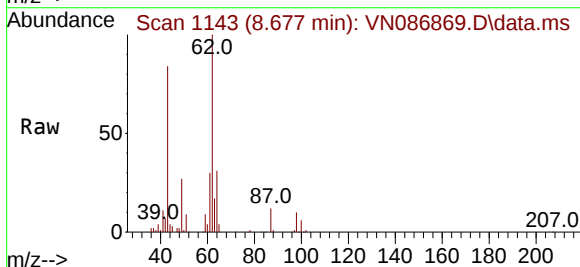
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

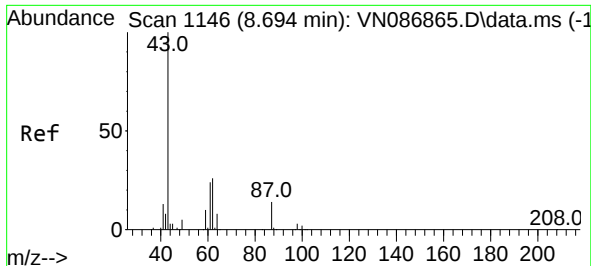
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 130903 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 51.3  | 41.2  | 61.8   |
| 67       | 76.9  | 61.4  | 92.2   |
| 52       | 28.6  | 22.7  | 34.1   |



#42  
1,2-Dichloroethane  
Concen: 51.489 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 177746 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.6  | 0.0   | 21.2   |

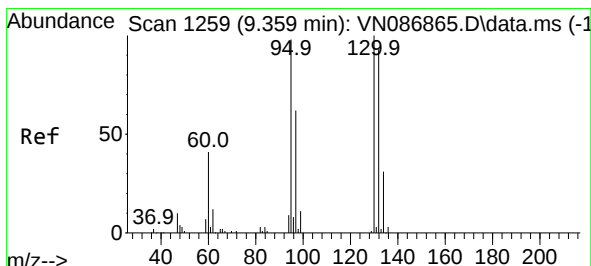
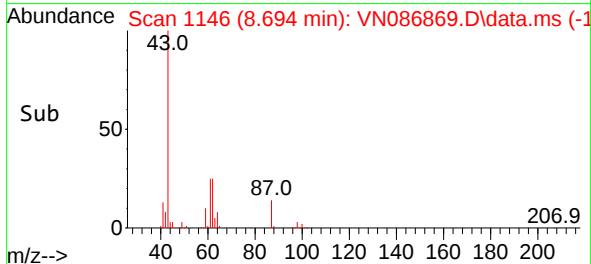
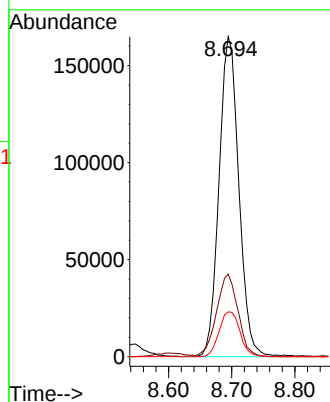
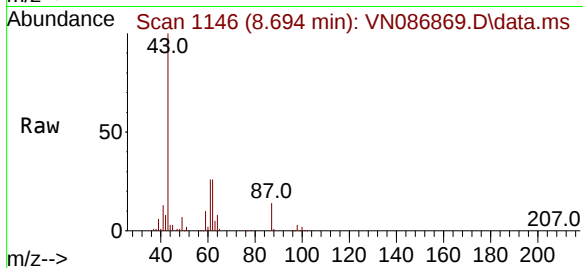




#43  
Isopropyl Acetate  
Concen: 50.536 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

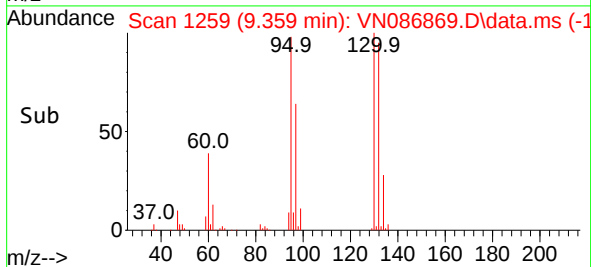
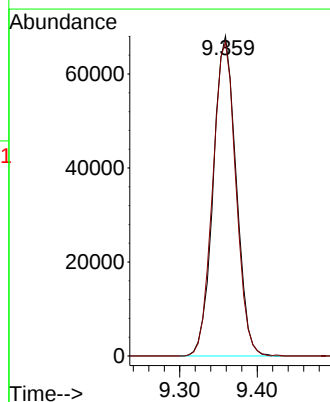
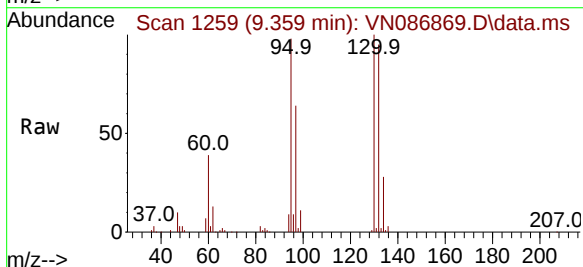
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

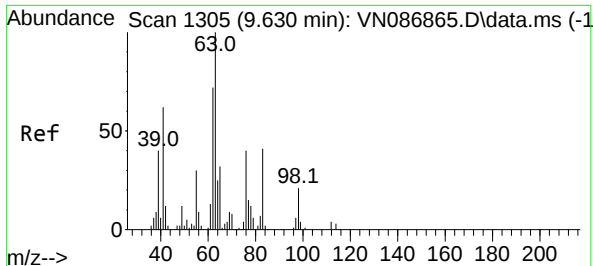
Tgt Ion: 43 Resp: 359378  
Ion Ratio Lower Upper  
43 100  
61 27.9 22.1 33.1  
87 14.8 11.8 17.6



#44  
Trichloroethene  
Concen: 51.788 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion:130 Resp: 139763  
Ion Ratio Lower Upper  
130 100  
95 98.0 0.0 196.2





#45

1,2-Dichloropropane

Concen: 51.450 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

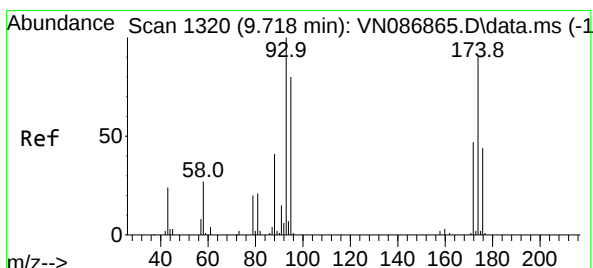
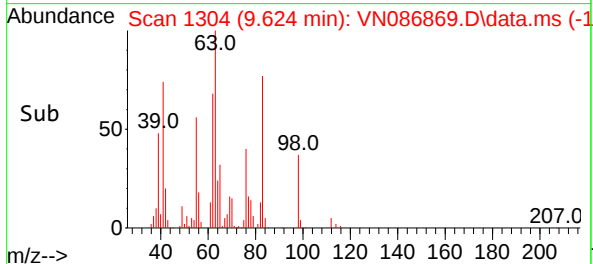
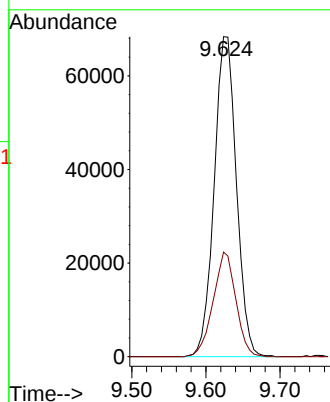
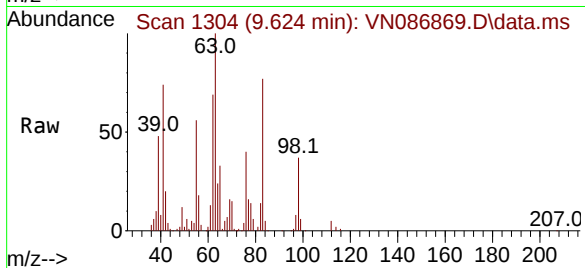
ICVVN060625

Tgt Ion: 63 Resp: 142463

Ion Ratio Lower Upper

63 100

65 32.7 25.5 38.3



#46

Dibromomethane

Concen: 52.849 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

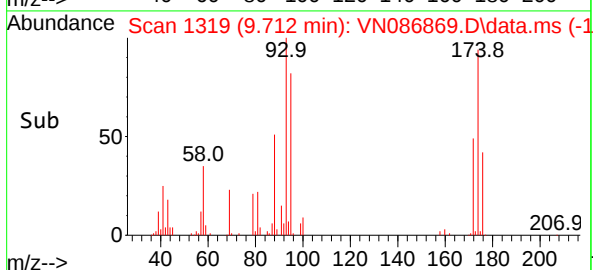
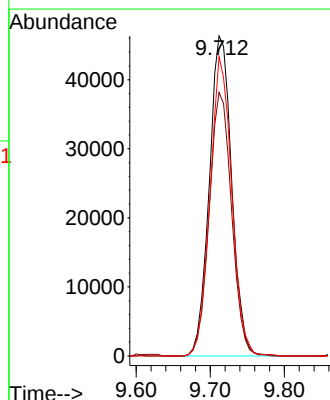
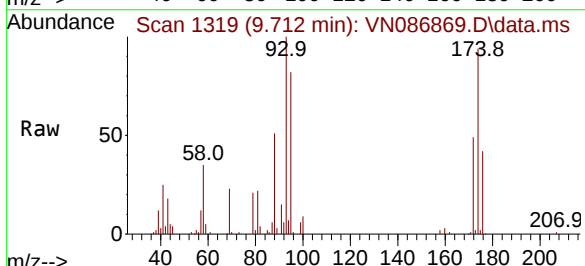
Tgt Ion: 93 Resp: 97199

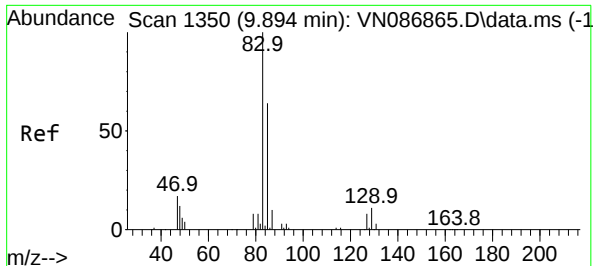
Ion Ratio Lower Upper

93 100

95 82.2 67.1 100.7

174 90.9 74.2 111.4

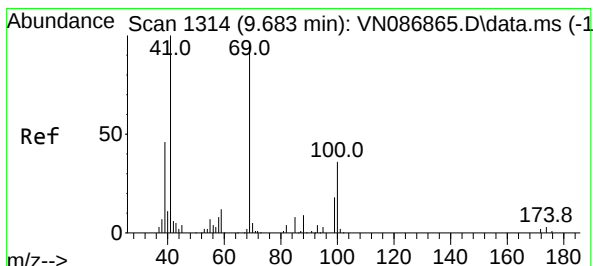
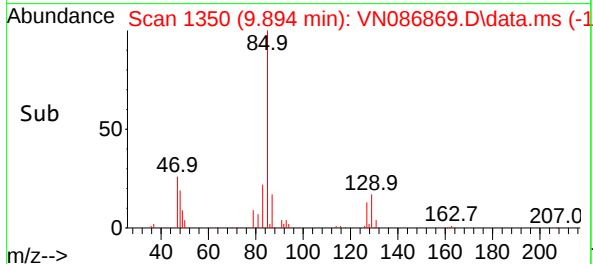
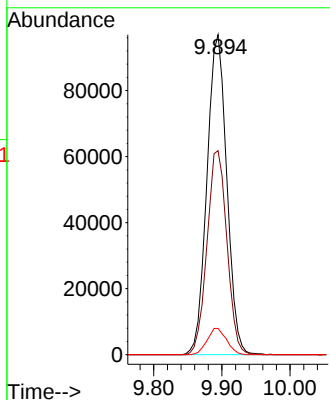
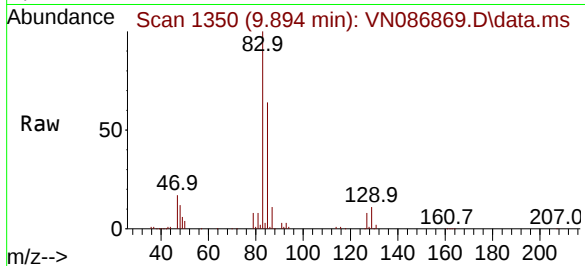




#47  
Bromodichloromethane  
Concen: 51.824 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

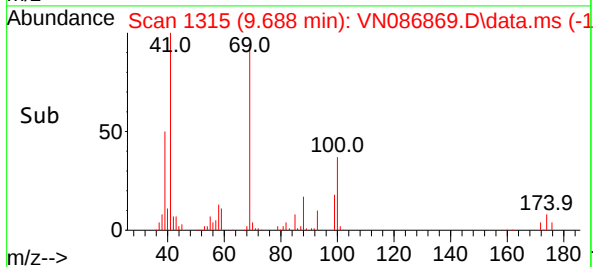
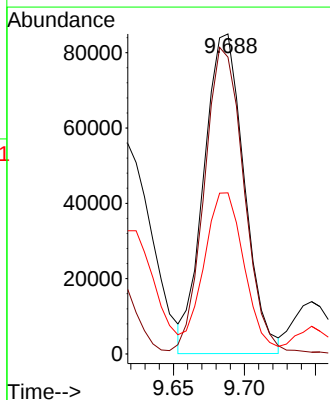
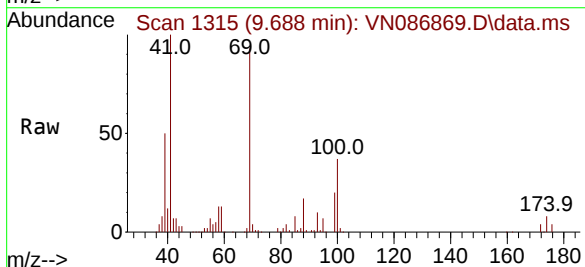
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

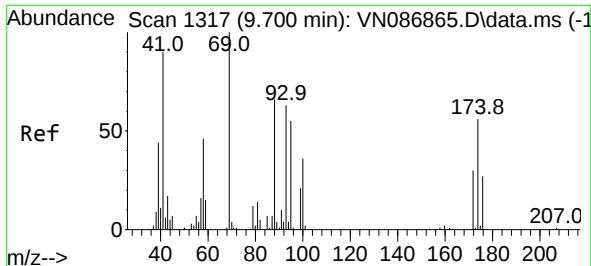
Tgt Ion: 83 Resp: 196104  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.9 76.3  
127 8.2 6.6 10.0



#48  
Methyl methacrylate  
Concen: 51.328 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 41 Resp: 168001  
Ion Ratio Lower Upper  
41 100  
69 95.2 74.6 112.0  
39 51.0 40.2 60.4





#49

1,4-Dioxane

Concen: 1110.123 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

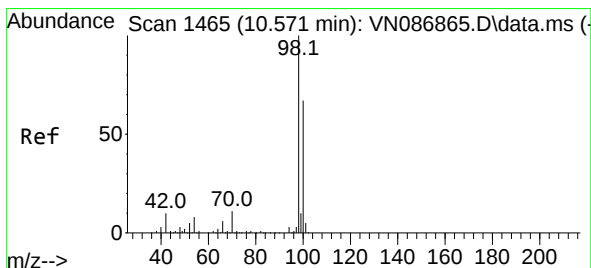
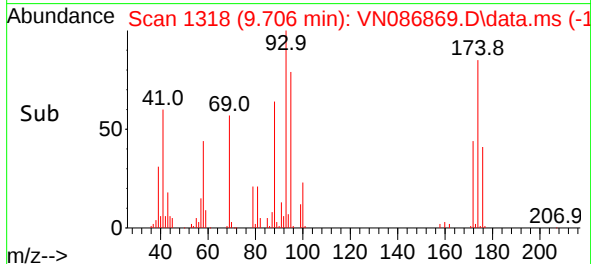
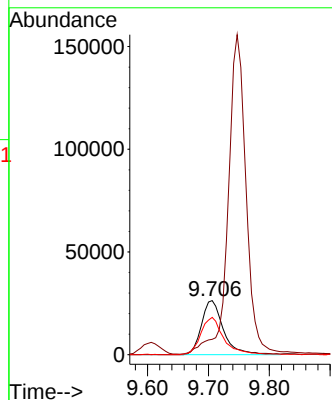
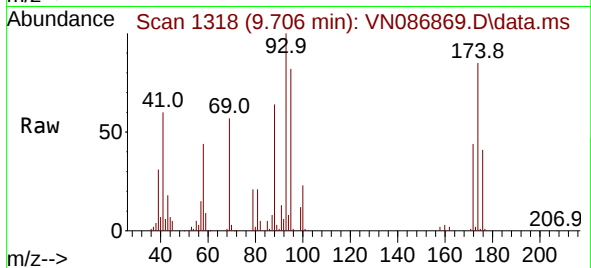
Tgt Ion: 88 Resp: 66102

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.7 57.7 86.5



#50

Toluene-d8

Concen: 53.129 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086869.D

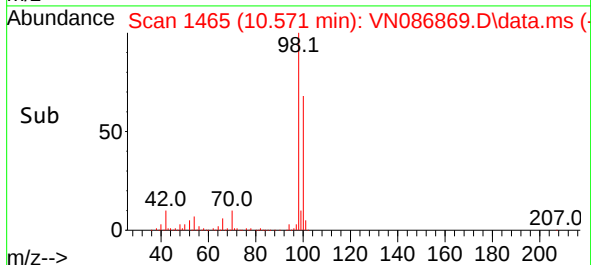
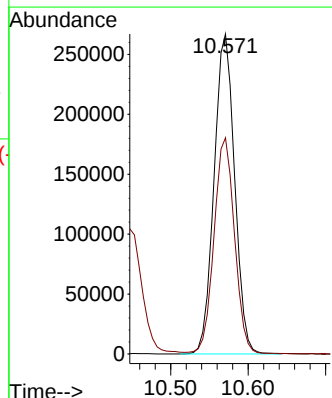
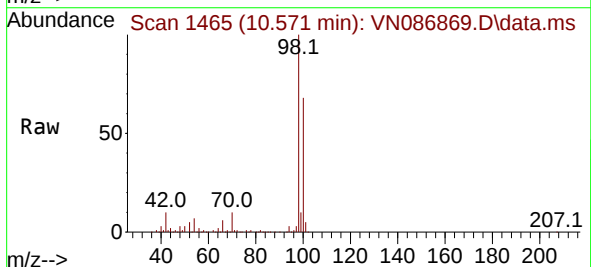
Acq: 06 Jun 2025 15:54

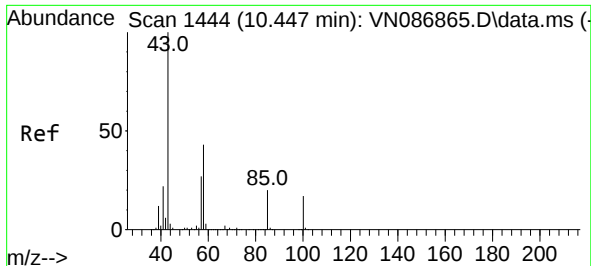
Tgt Ion: 98 Resp: 491265

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.0

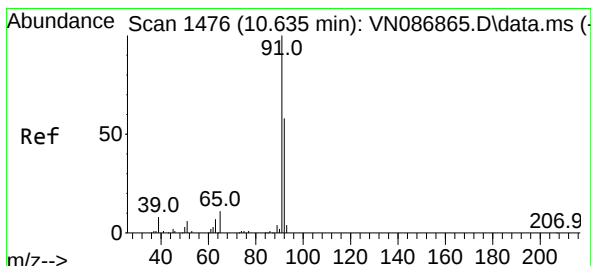
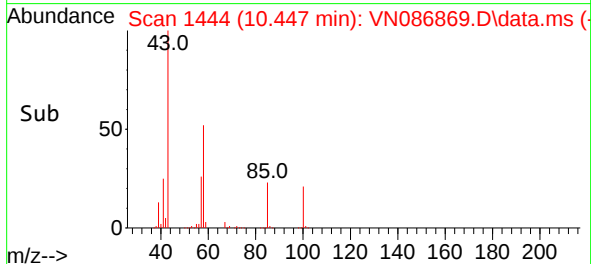
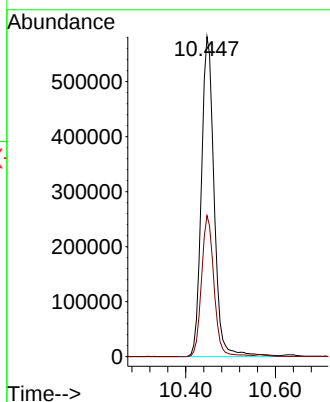
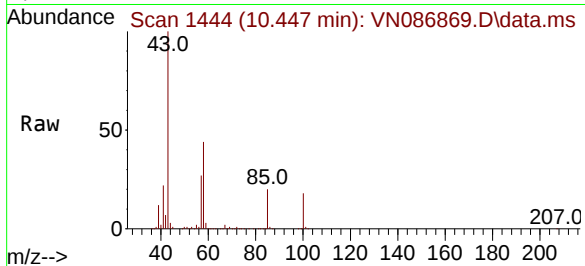




#51  
4-Methyl-2-Pentanone  
Concen: 267.835 ug/l  
RT: 10.447 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

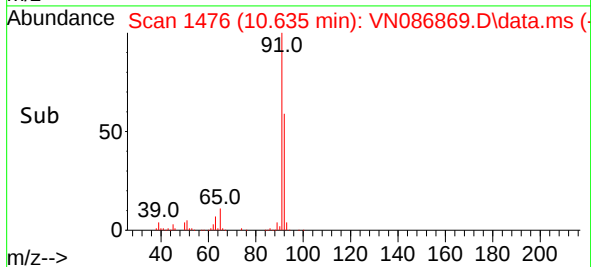
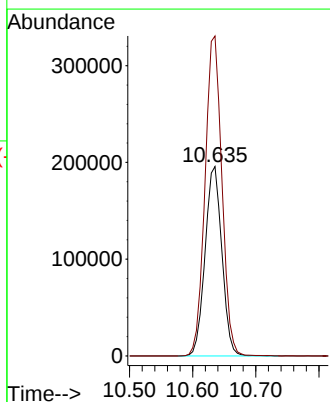
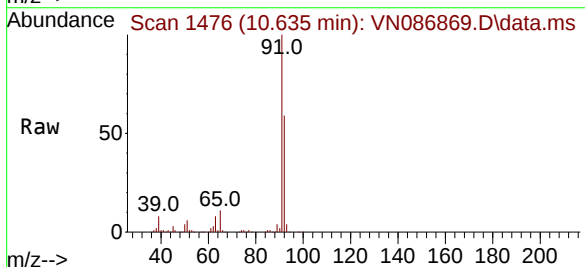
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

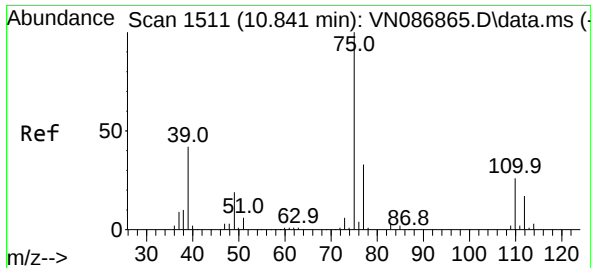
Tgt Ion: 43 Resp: 1146622  
Ion Ratio Lower Upper  
43 100  
58 43.2 34.2 51.4



#52  
Toluene  
Concen: 52.040 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 92 Resp: 361963  
Ion Ratio Lower Upper  
92 100  
91 169.8 136.5 204.7

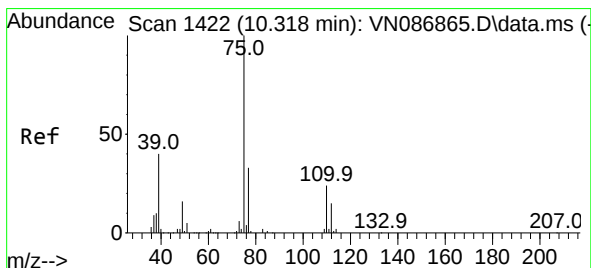
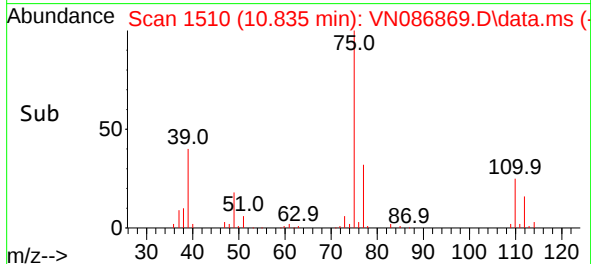
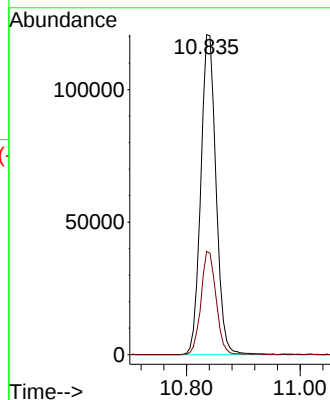
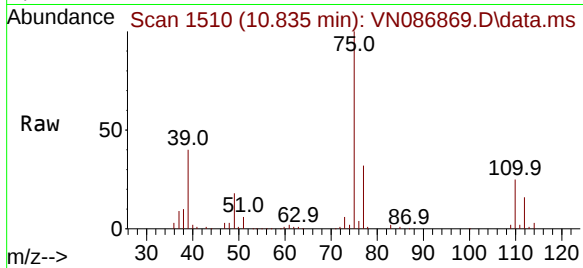




#53  
t-1,3-Dichloropropene  
Concen: 53.137 ug/l  
RT: 10.835 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

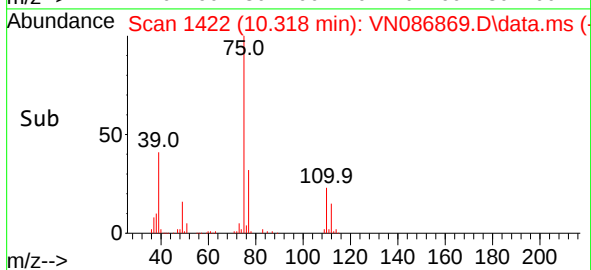
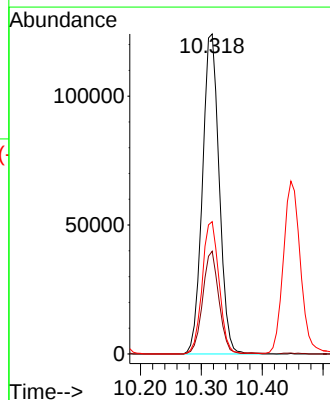
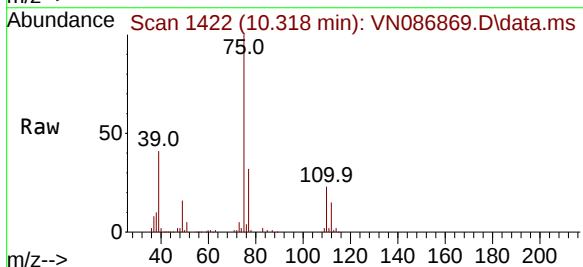
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

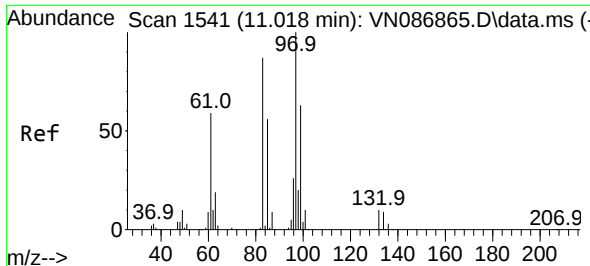
Tgt Ion: 75 Resp: 224839  
Ion Ratio Lower Upper  
75 100  
77 32.3 26.4 39.6



#54  
cis-1,3-Dichloropropene  
Concen: 52.519 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 237774  
Ion Ratio Lower Upper  
75 100  
77 32.1 26.2 39.4  
39 41.3 32.3 48.5

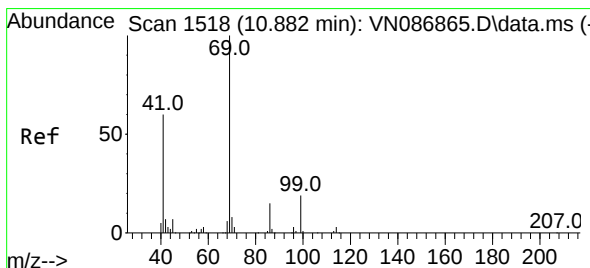
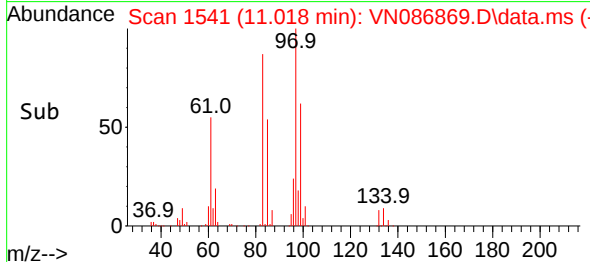
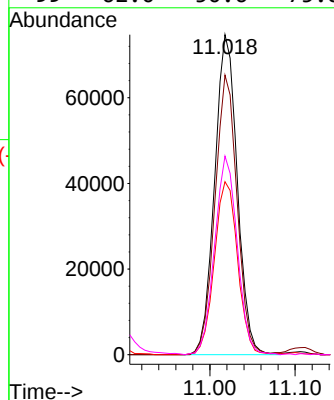
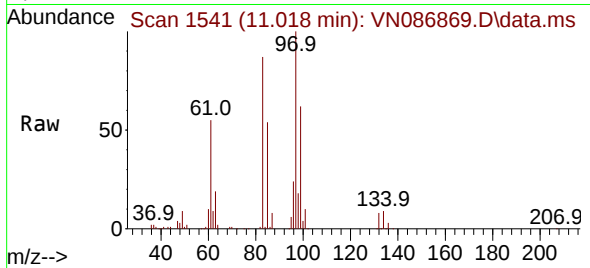




#55  
1,1,2-Trichloroethane  
Concen: 51.562 ug/l  
RT: 11.018 min Scan# 1541  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

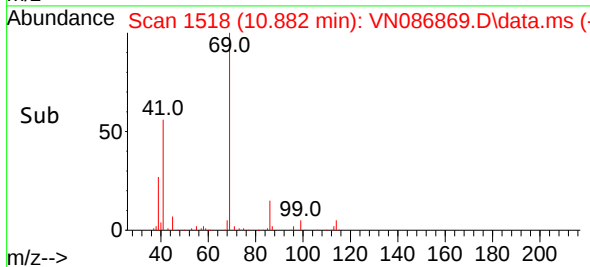
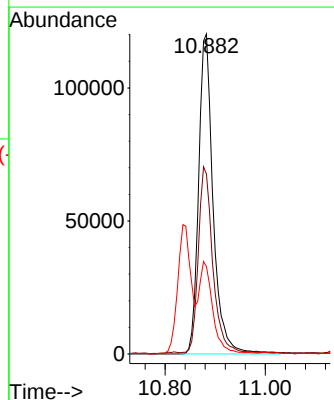
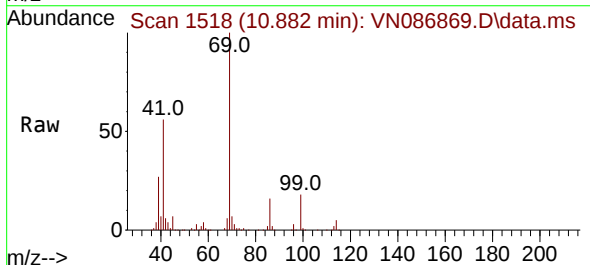
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

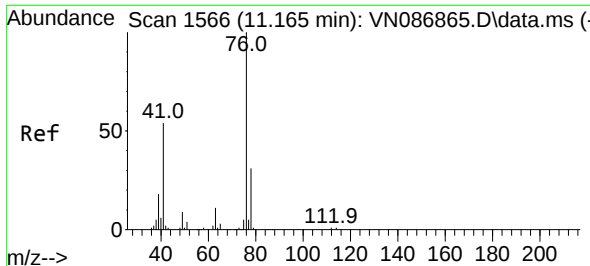
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 137998 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.4  | 69.7  | 104.5  |
| 85       | 54.1  | 45.1  | 67.7   |
| 99       | 62.0  | 50.6  | 75.8   |



#56  
Ethyl methacrylate  
Concen: 56.688 ug/l  
RT: 10.882 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 241649 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 57.7  | 47.2  | 70.8   |
| 39       | 27.4  | 23.0  | 34.6   |





#57

1,3-Dichloropropane

Concen: 51.386 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

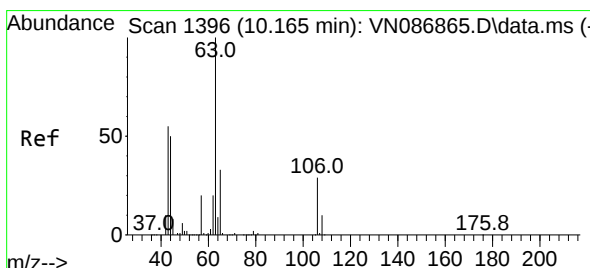
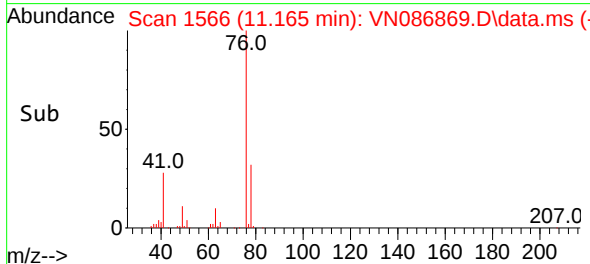
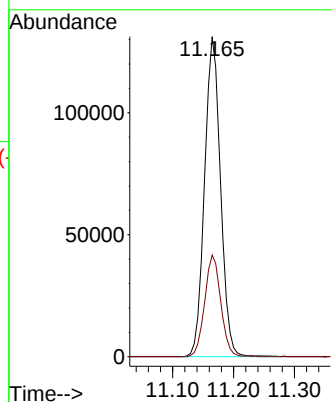
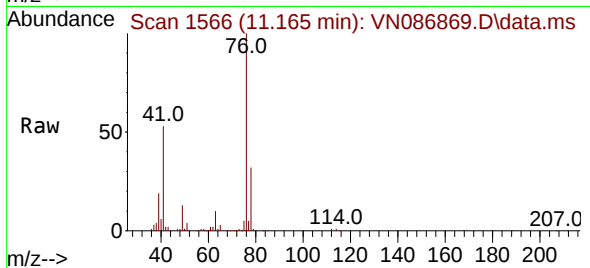
ICVVN060625

Tgt Ion: 76 Resp: 238572

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 246.006 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086869.D

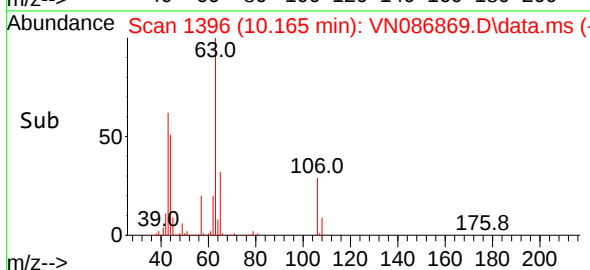
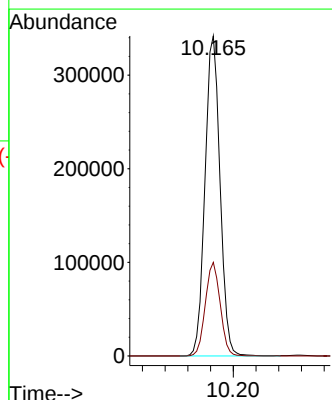
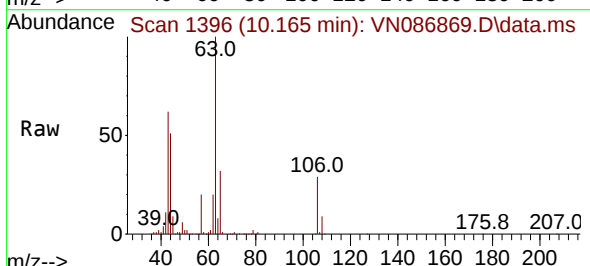
Acq: 06 Jun 2025 15:54

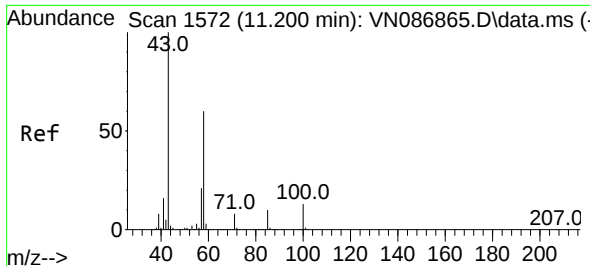
Tgt Ion: 63 Resp: 625479

Ion Ratio Lower Upper

63 100

106 28.9 23.0 34.6

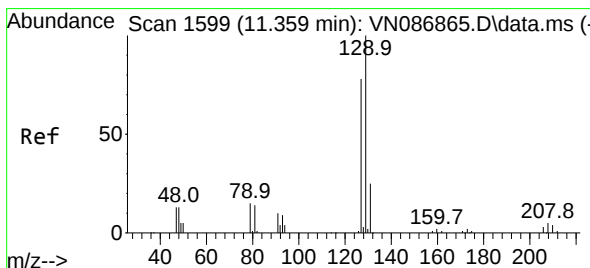
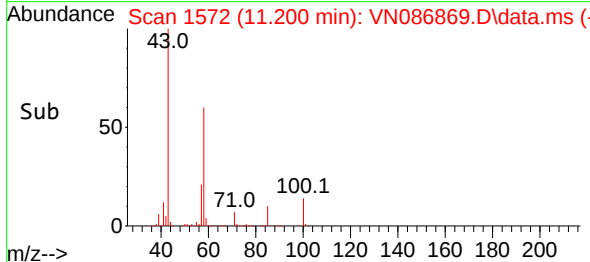
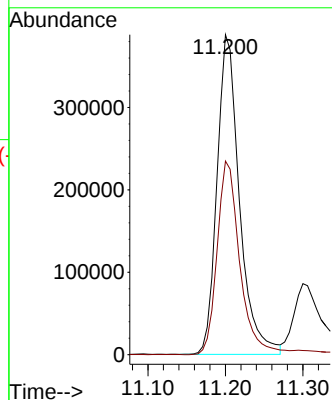
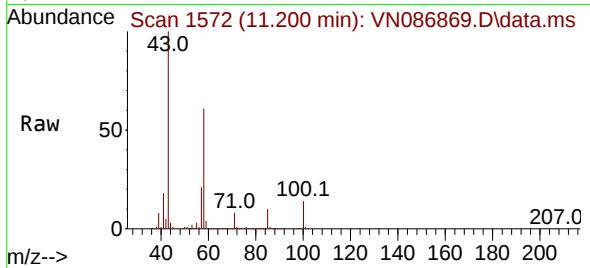




#59  
2-Hexanone  
Concen: 283.478 ug/l  
RT: 11.200 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

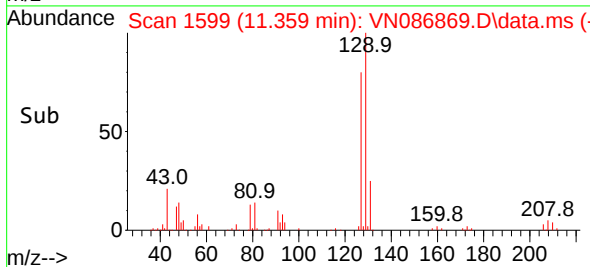
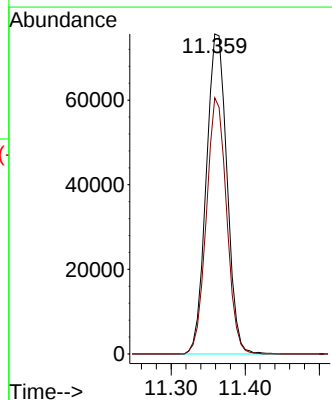
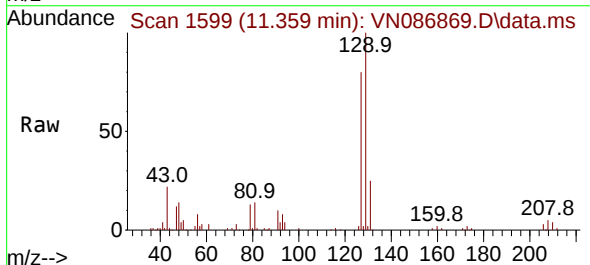
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

Tgt Ion: 43 Resp: 781717  
Ion Ratio Lower Upper  
43 100  
58 61.2 30.4 91.3



#60  
Dibromochloromethane  
Concen: 52.627 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 129 Resp: 146749  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 115.8

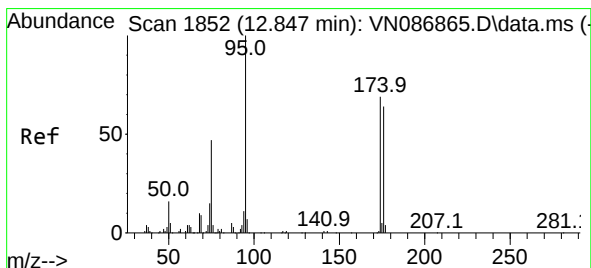
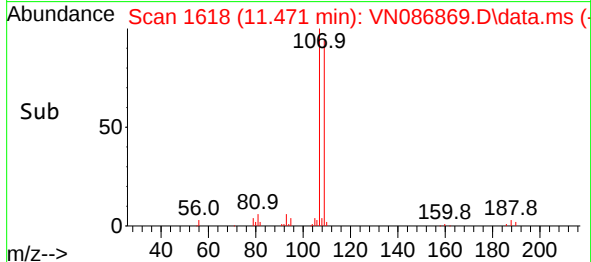
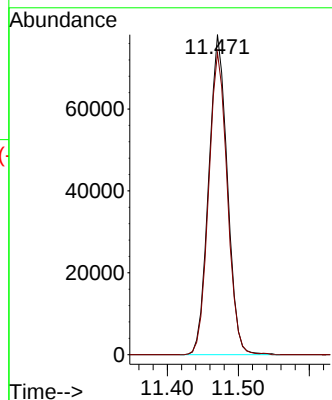
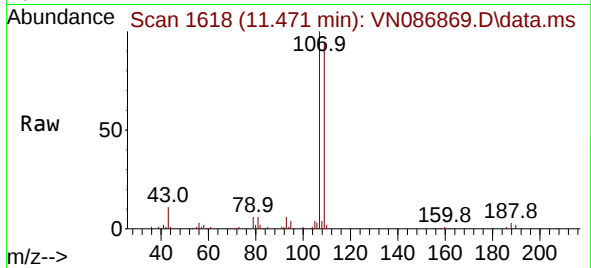




#61  
1,2-Dibromoethane  
Concen: 51.887 ug/l  
RT: 11.471 min Scan# 1618  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

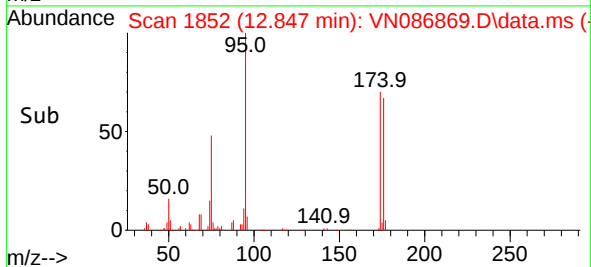
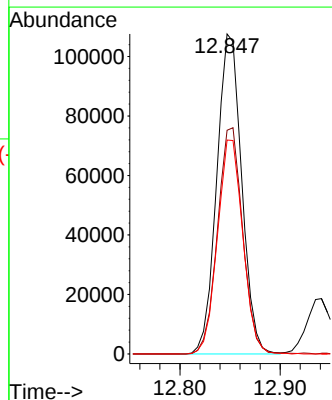
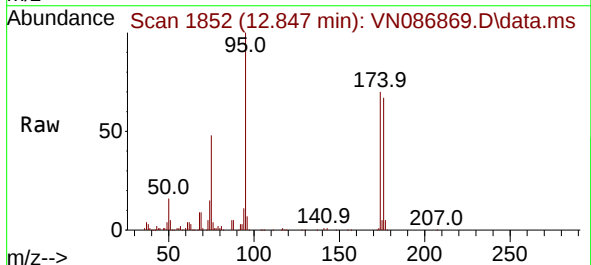
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

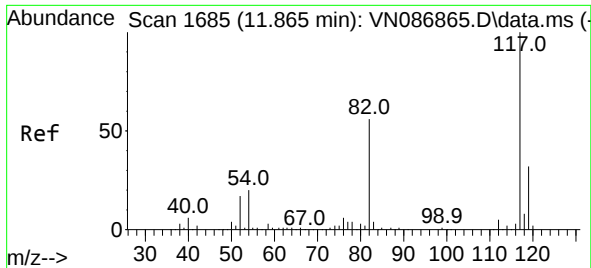
Tgt Ion:107 Resp: 142338  
Ion Ratio Lower Upper  
107 100  
109 94.5 76.3 114.5



#62  
4-Bromofluorobenzene  
Concen: 54.081 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 95 Resp: 185792  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 141.8  
176 68.1 0.0 132.6

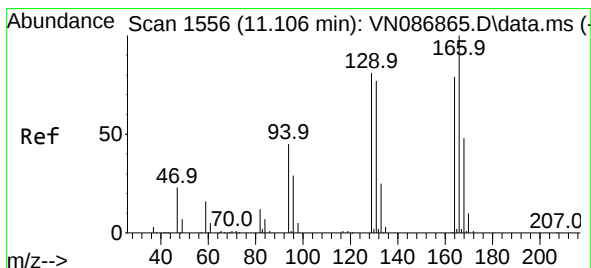
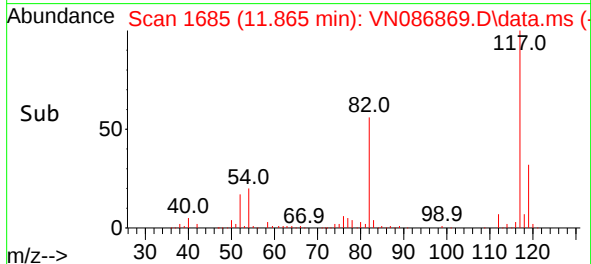
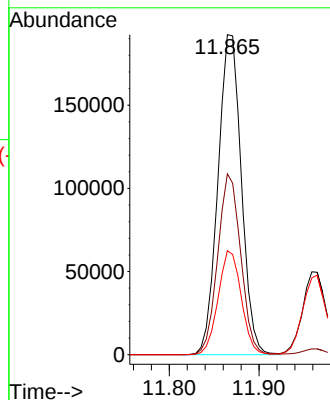
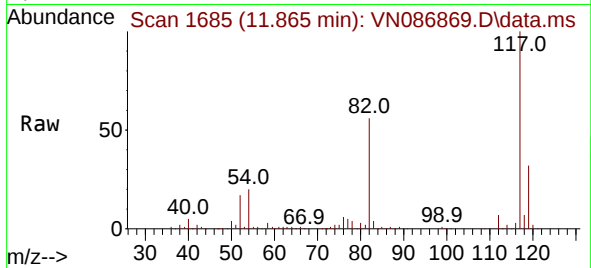




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

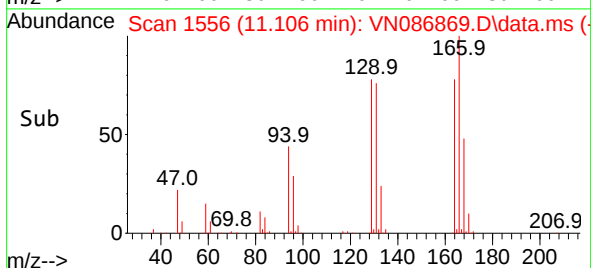
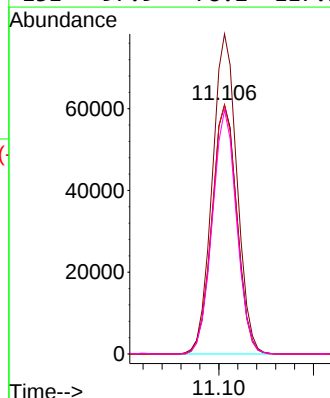
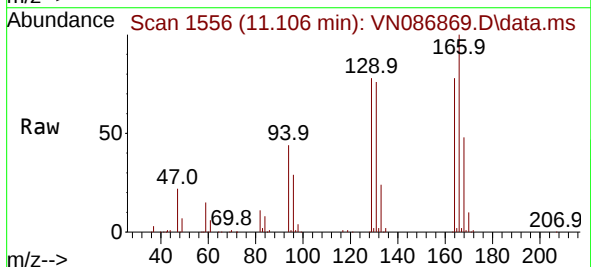
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

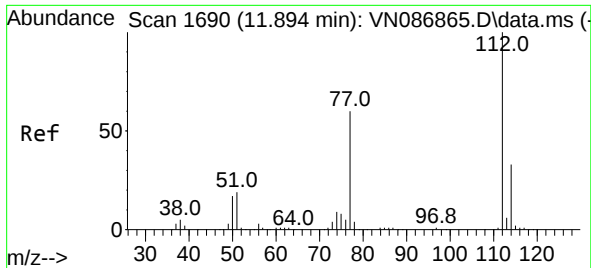
Tgt Ion:117 Resp: 348935  
Ion Ratio Lower Upper  
117 100  
82 56.5 44.6 67.0  
119 32.5 25.5 38.3



#64  
Tetrachloroethene  
Concen: 50.450 ug/l  
RT: 11.106 min Scan# 1556  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion:164 Resp: 111409  
Ion Ratio Lower Upper  
164 100  
166 128.5 101.8 152.8  
129 99.9 83.0 124.4  
131 97.9 78.2 117.2

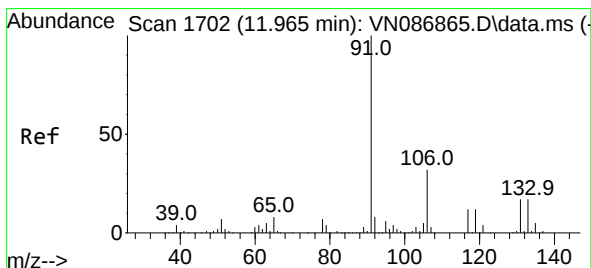
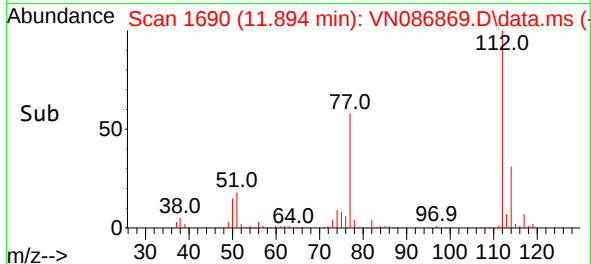
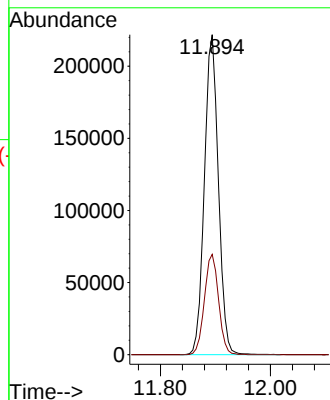
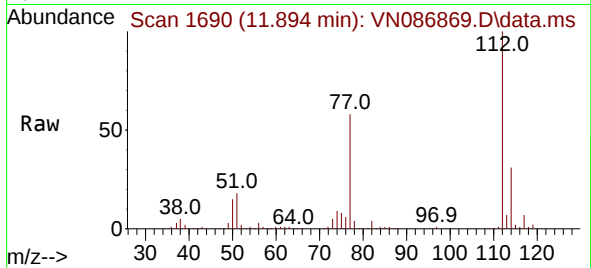




#65  
Chlorobenzene  
Concen: 50.892 ug/l  
RT: 11.894 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

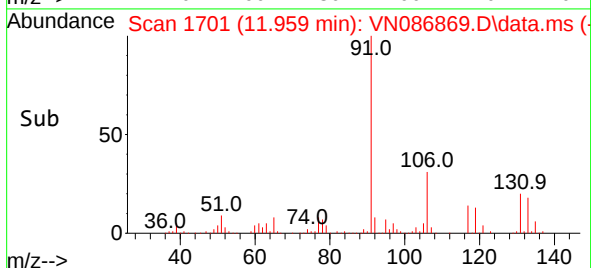
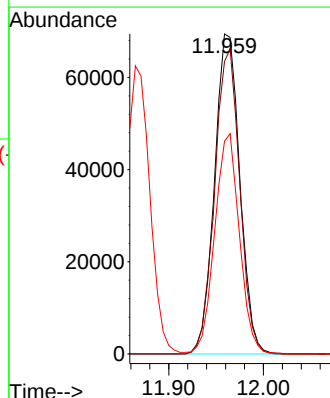
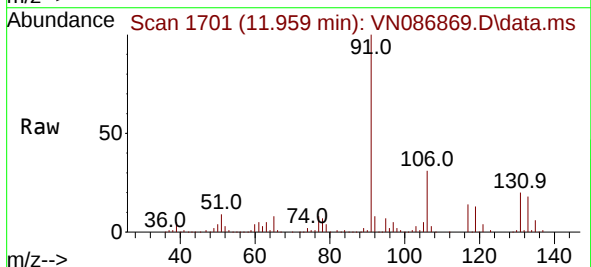
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

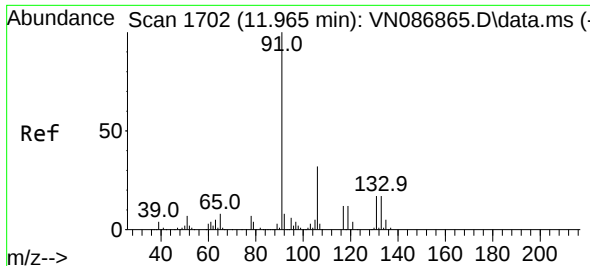
Tgt Ion:112 Resp: 391661  
Ion Ratio Lower Upper  
112 100  
114 31.3 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.164 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion:131 Resp: 129045  
Ion Ratio Lower Upper  
131 100  
133 94.5 48.3 144.8  
119 67.4 34.0 101.8

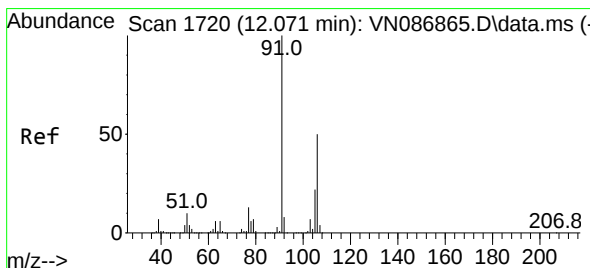
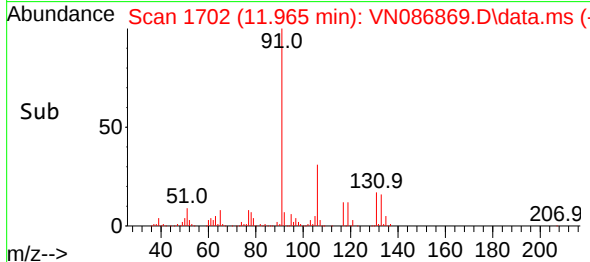
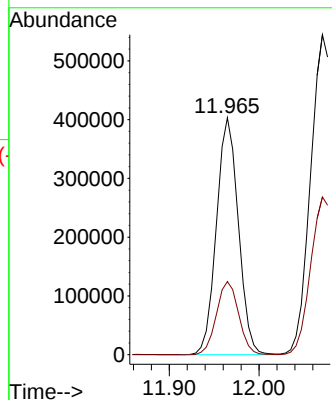
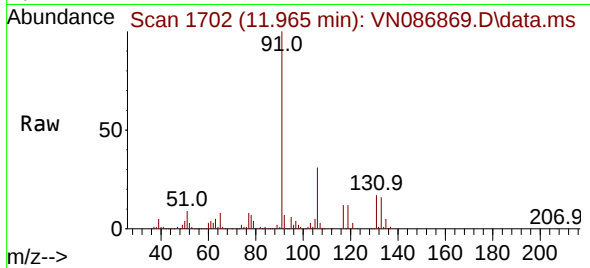




#67  
Ethyl Benzene  
Concen: 51.590 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

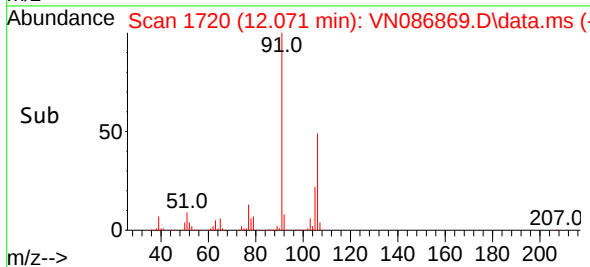
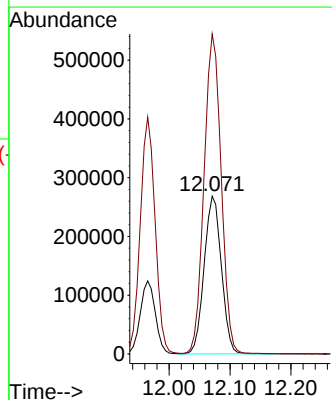
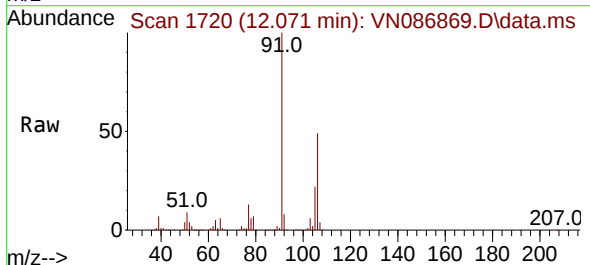
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

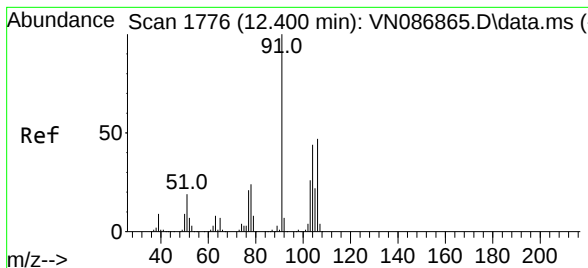
Tgt Ion: 91 Resp: 683879  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.4 38.2



#68  
m/p-Xylenes  
Concen: 103.912 ug/l  
RT: 12.071 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion:106 Resp: 527293  
Ion Ratio Lower Upper  
106 100  
91 202.0 159.4 239.0





#69

o-Xylene

Concen: 52.387 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

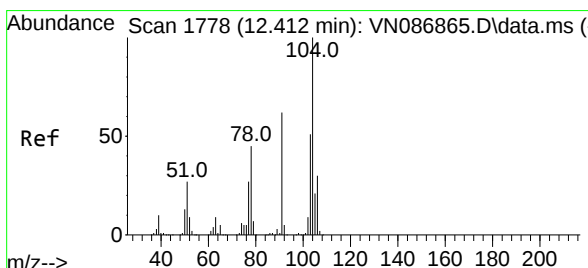
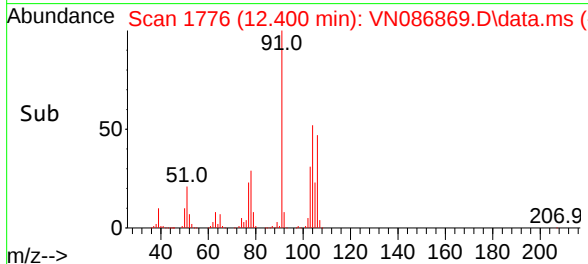
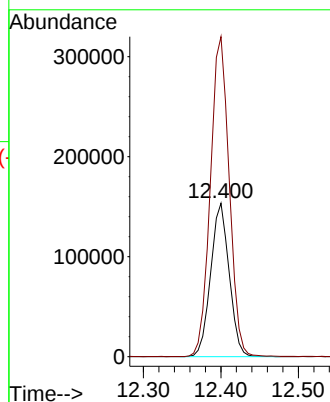
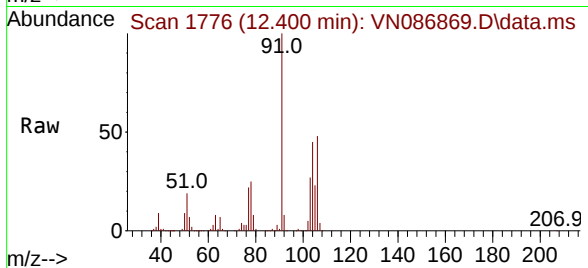
ICVVN060625

Tgt Ion:106 Resp: 254600

Ion Ratio Lower Upper

106 100

91 212.8 106.1 318.1



#70

Styrene

Concen: 52.758 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

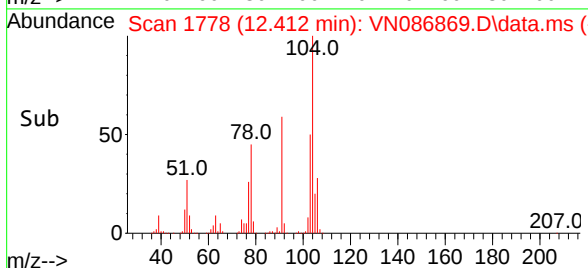
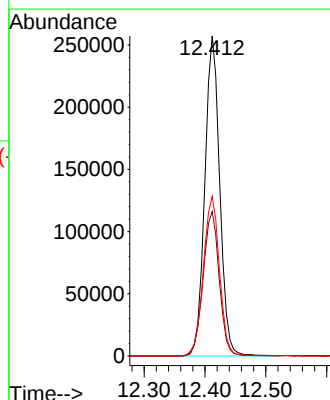
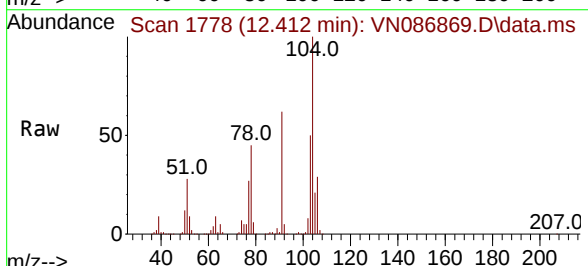
Tgt Ion:104 Resp: 438751

Ion Ratio Lower Upper

104 100

78 48.7 38.5 57.7

103 53.7 43.1 64.7





#71

Bromoform

Concen: 54.751 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

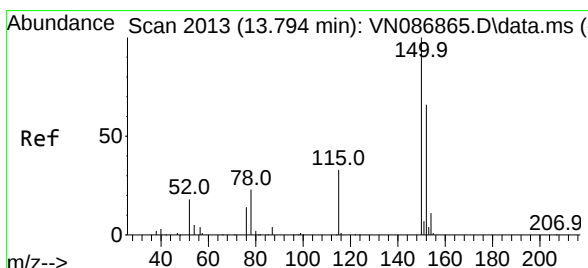
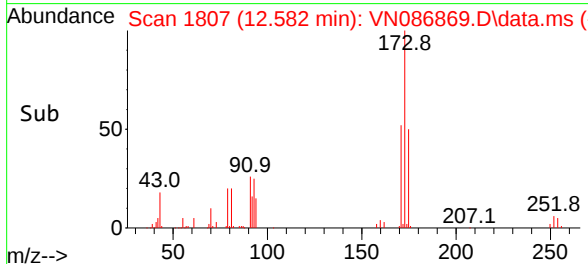
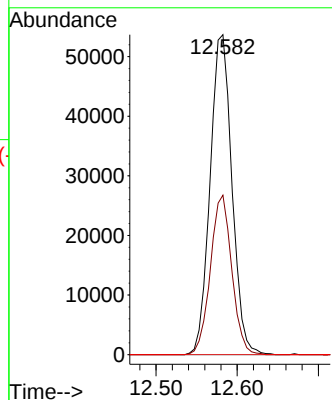
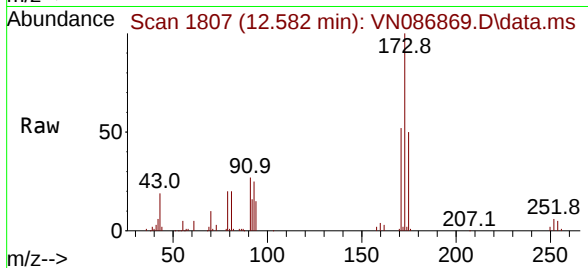
Tgt Ion:173 Resp: 100357

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

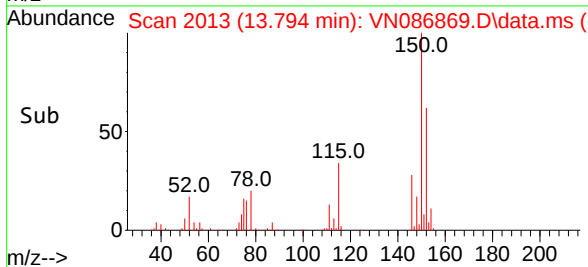
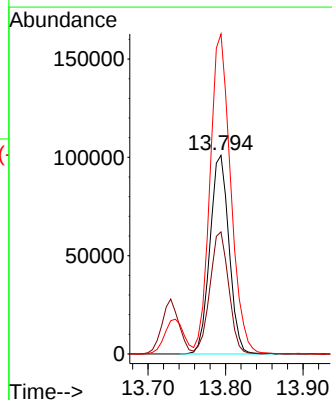
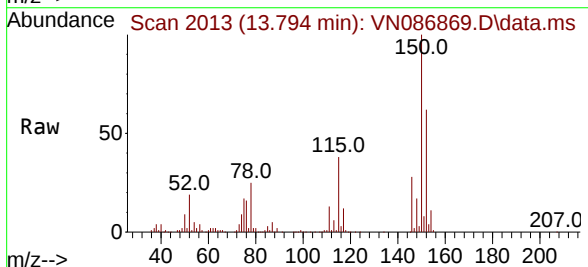
Tgt Ion:152 Resp: 172710

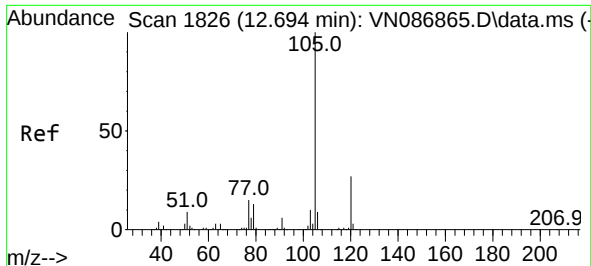
Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.5

150 174.0 0.0 345.0

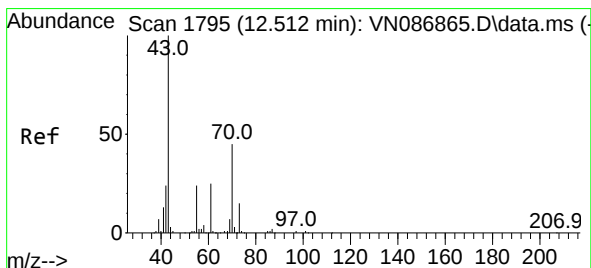
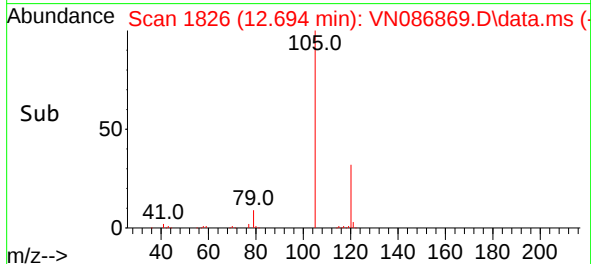
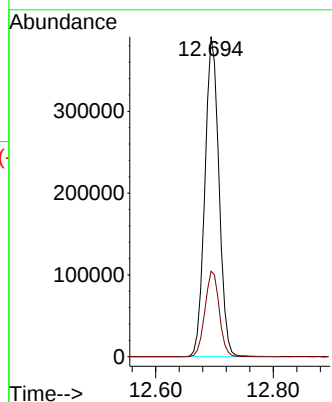
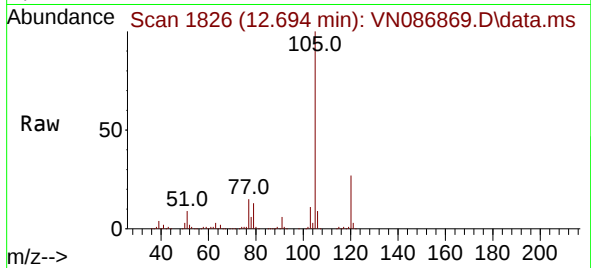




#73  
Isopropylbenzene  
Concen: 51.823 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

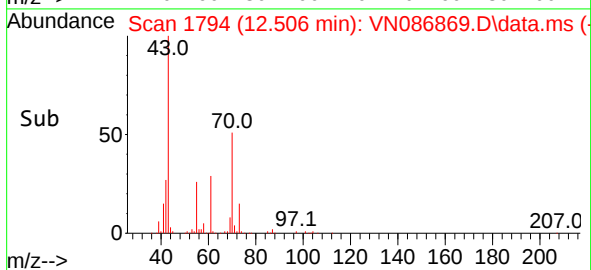
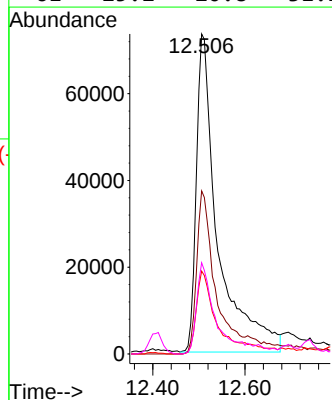
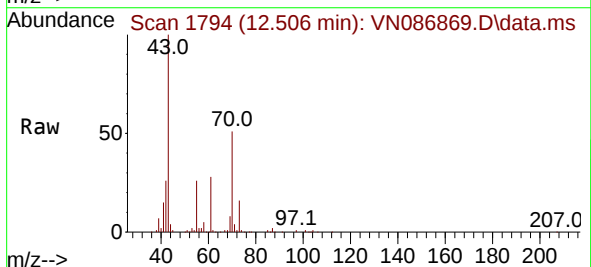
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

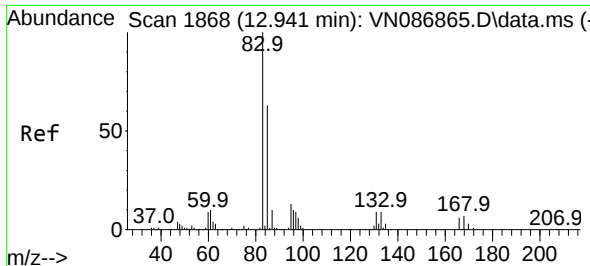
Tgt Ion:105 Resp: 652045  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 54.212 ug/l  
RT: 12.506 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 43 Resp: 238355  
Ion Ratio Lower Upper  
43 100  
70 49.3 37.6 56.4  
55 25.3 19.0 28.6  
61 25.2 20.8 31.2

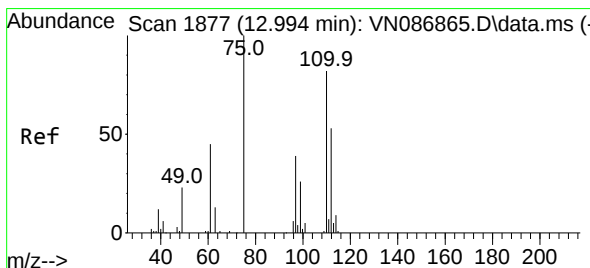
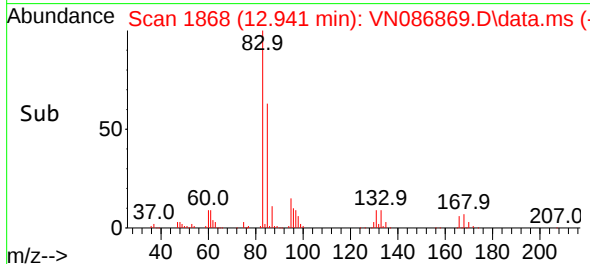
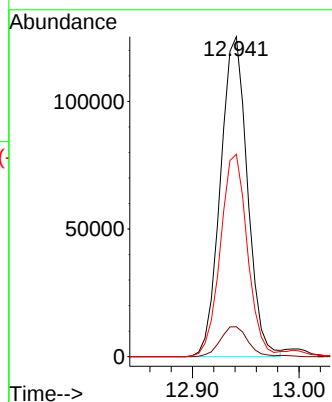
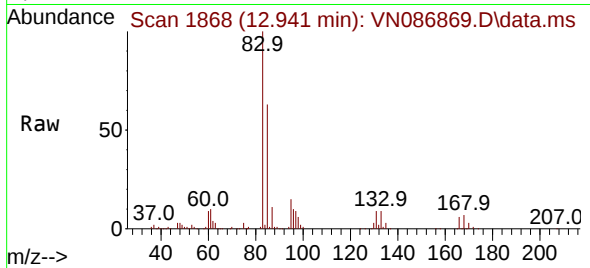




#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.763 ug/l  
RT: 12.941 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

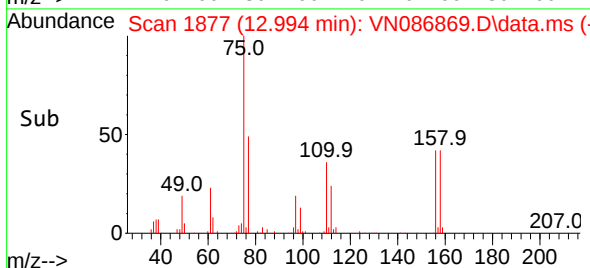
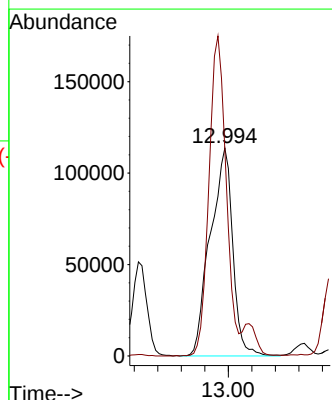
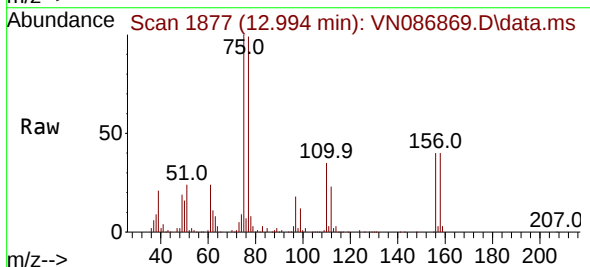
Instrument : MSVOA\_N  
ClientSampleId : ICVVN060625

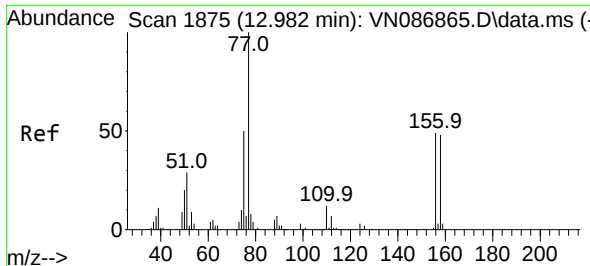
Tgt Ion: 83 Resp: 220643  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.9 14.7  
85 63.9 32.0 96.0



#76  
1,2,3-Trichloropropane  
Concen: 73.563 ug/l  
RT: 12.994 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 302004  
Ion Ratio Lower Upper  
75 100  
77 117.4 79.3 237.9

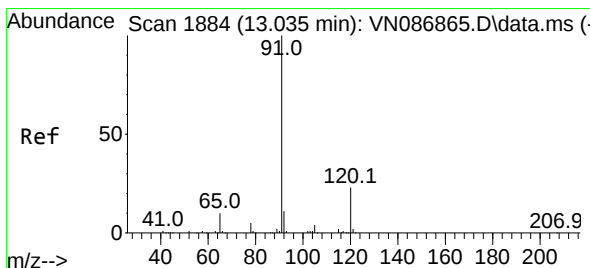
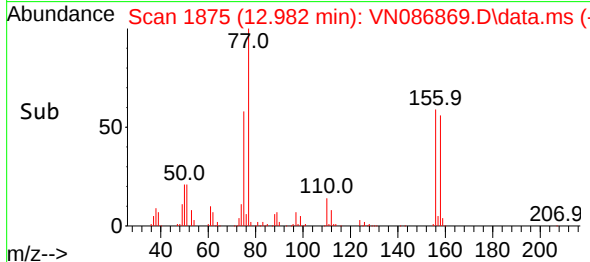
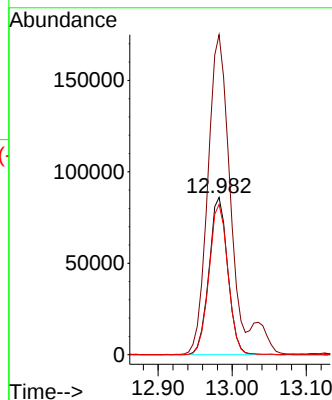
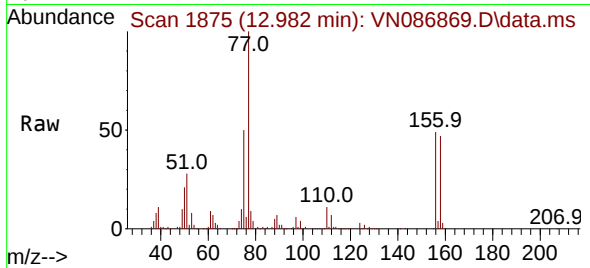




#77  
Bromobenzene  
Concen: 52.313 ug/l  
RT: 12.982 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

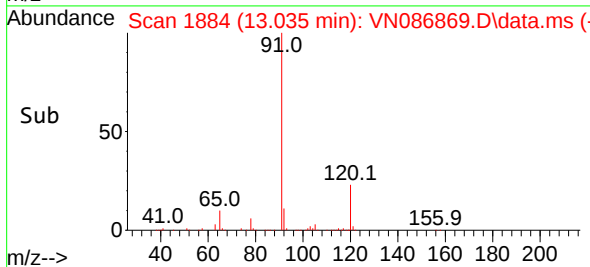
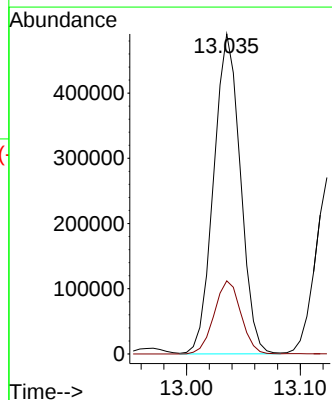
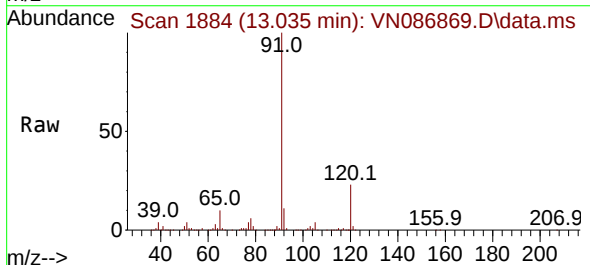
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

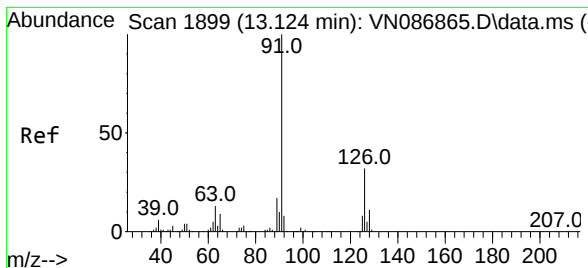
Tgt Ion:156 Resp: 150950  
Ion Ratio Lower Upper  
156 100  
77 234.9 117.7 353.1  
158 96.5 48.1 144.4



#78  
n-propylbenzene  
Concen: 52.397 ug/l  
RT: 13.035 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 801180  
Ion Ratio Lower Upper  
91 100  
120 22.9 11.4 34.2

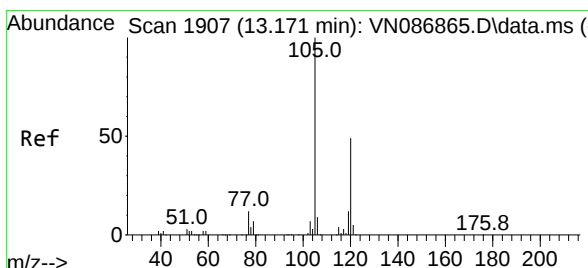
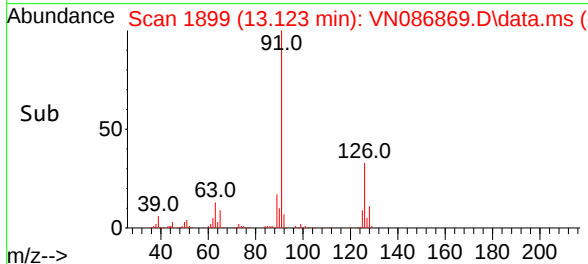
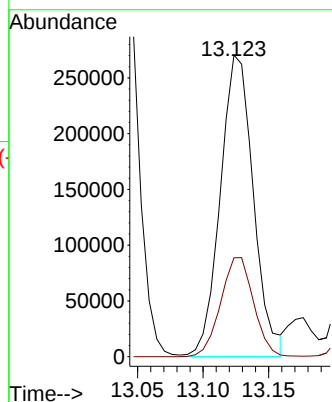
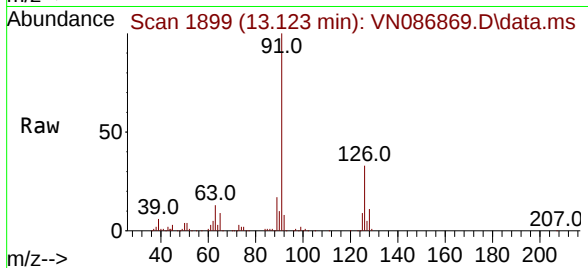




#79  
2-Chlorotoluene  
Concen: 51.650 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

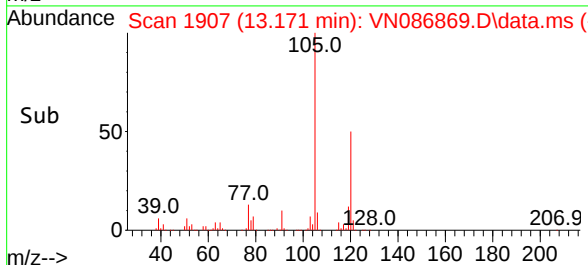
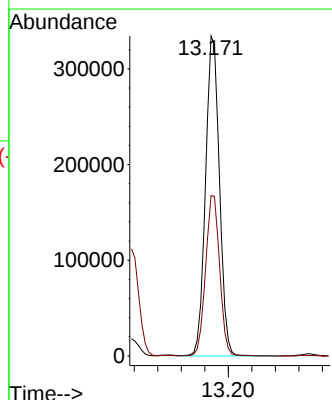
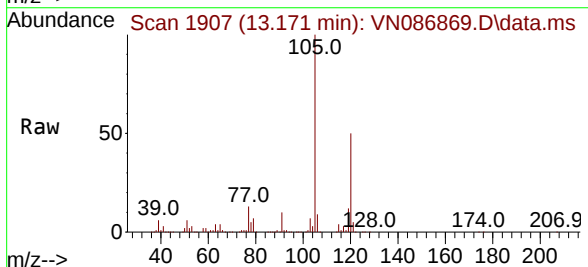
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

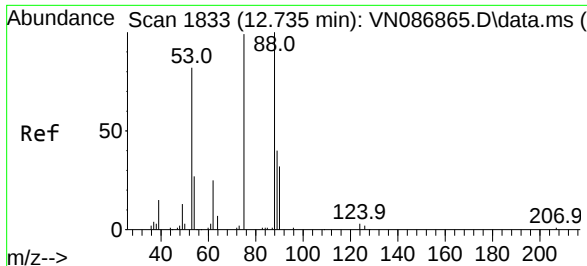
Tgt Ion: 91 Resp: 473629  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.2 48.5



#80  
1,3,5-Trimethylbenzene  
Concen: 52.787 ug/l  
RT: 13.171 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 105 Resp: 548347  
Ion Ratio Lower Upper  
105 100  
120 50.6 24.9 74.6

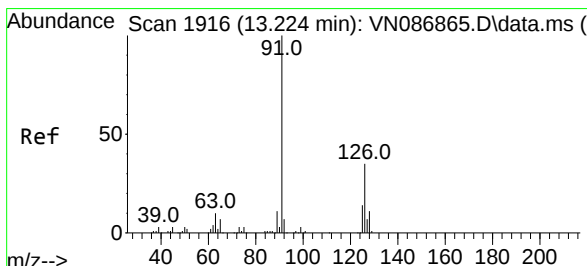
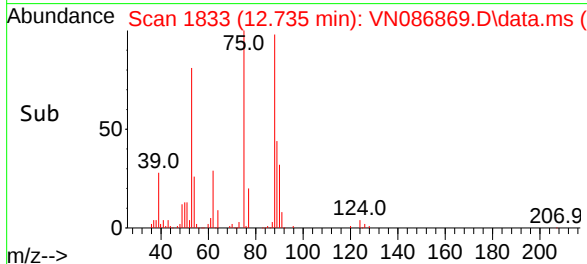
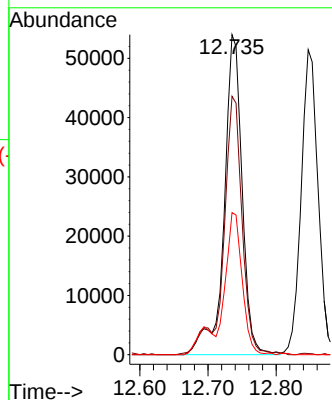
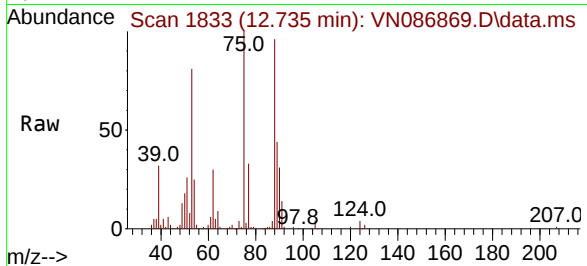




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.702 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

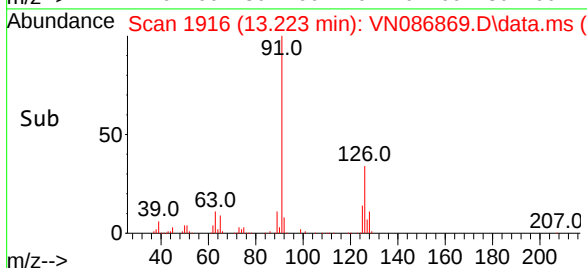
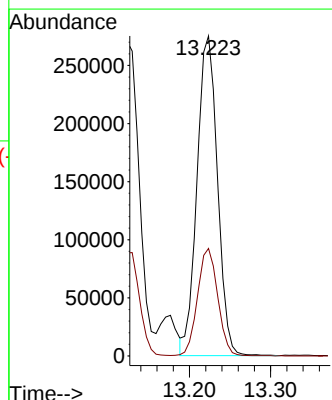
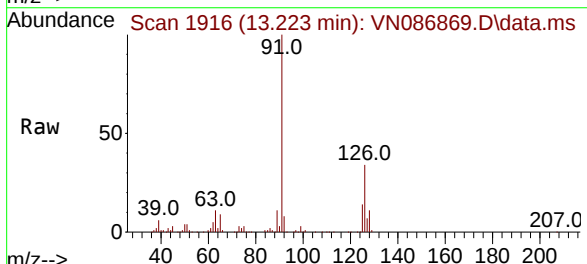
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

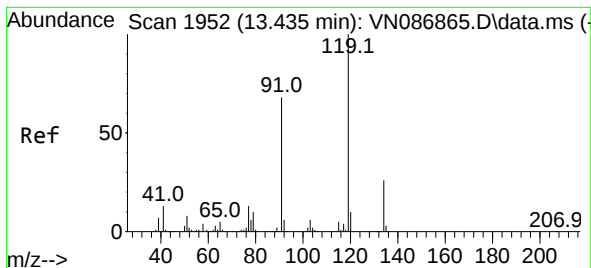
Tgt Ion: 75 Resp: 99341  
Ion Ratio Lower Upper  
75 100  
53 83.7 66.6 99.8  
89 40.4 36.7 55.1



#82  
4-Chlorotoluene  
Concen: 51.884 ug/l  
RT: 13.223 min Scan# 1916  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 91 Resp: 481403  
Ion Ratio Lower Upper  
91 100  
126 33.1 16.7 50.1





#83

tert-Butylbenzene

Concen: 52.532 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

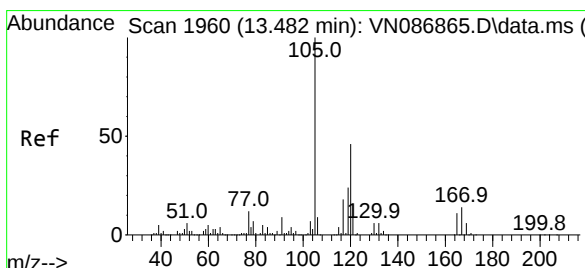
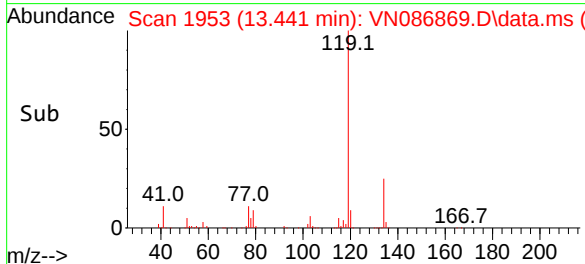
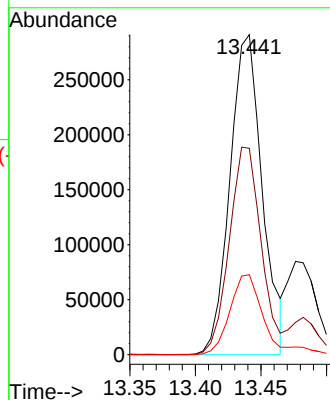
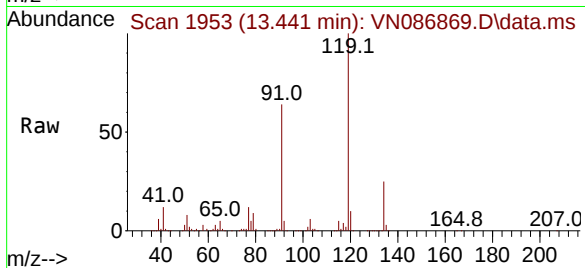
Tgt Ion:119 Resp: 499519

Ion Ratio Lower Upper

119 100

91 63.9 32.1 96.5

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.024 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086869.D

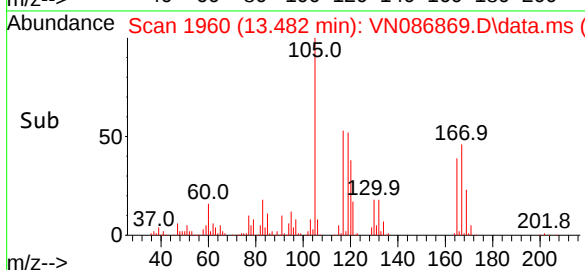
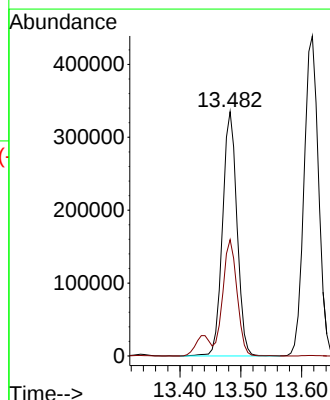
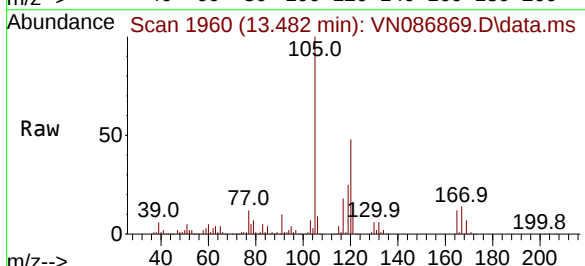
Acq: 06 Jun 2025 15:54

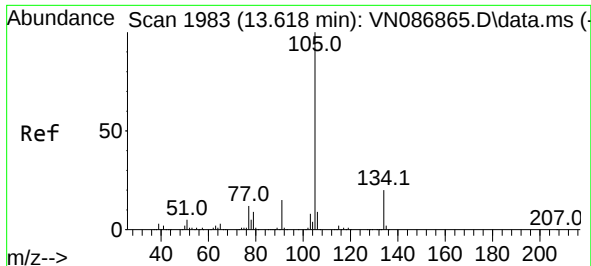
Tgt Ion:105 Resp: 552333

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6

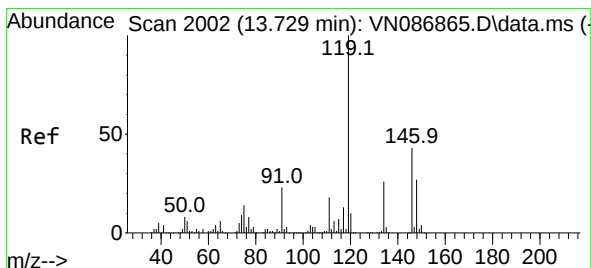
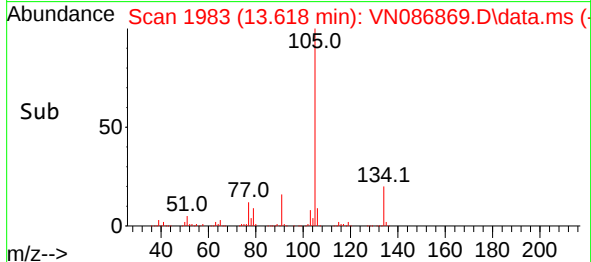
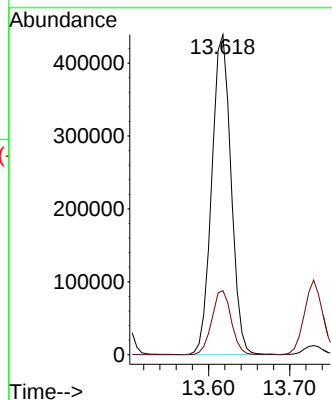
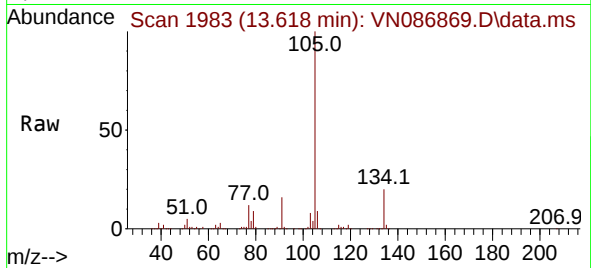




#85  
 sec-Butylbenzene  
 Concen: 52.428 ug/l  
 RT: 13.618 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

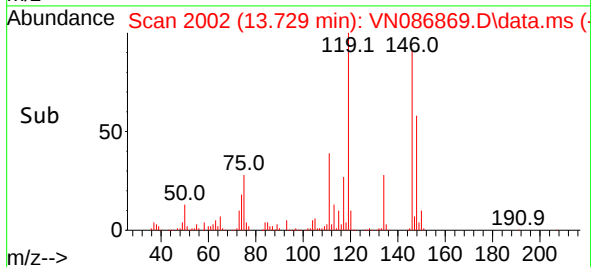
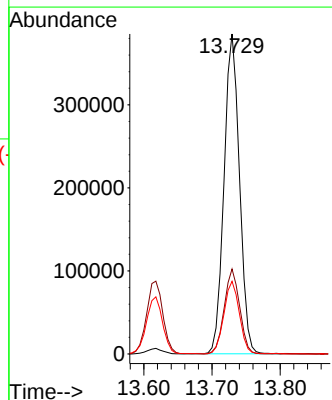
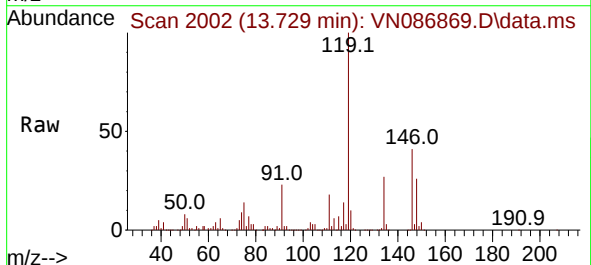
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN060625

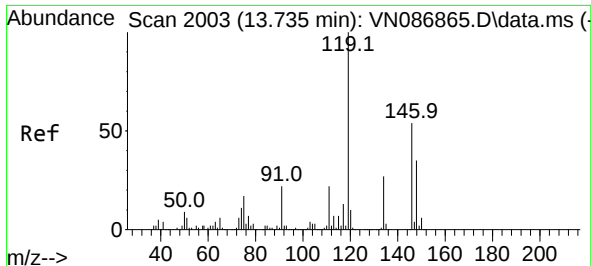
Tgt Ion:105 Resp: 723986  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 53.174 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

Tgt Ion:119 Resp: 606979  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.5 40.4  
 91 22.7 11.5 34.4

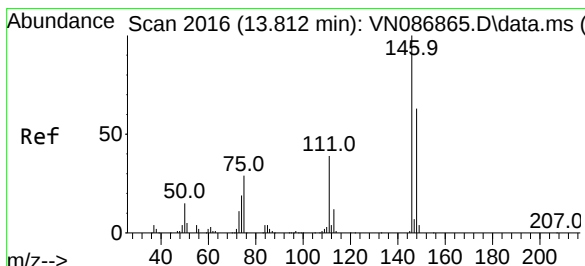
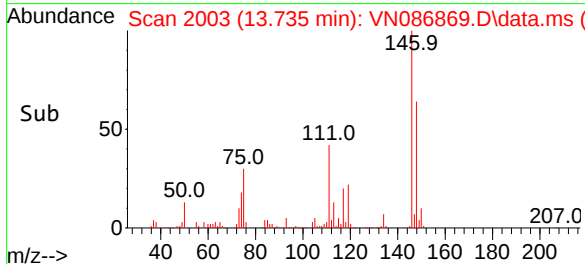
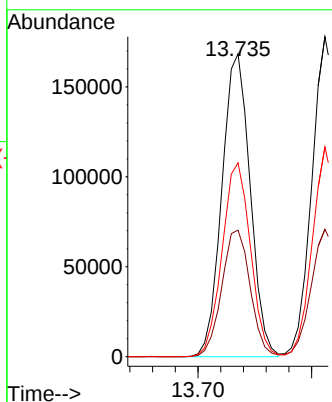
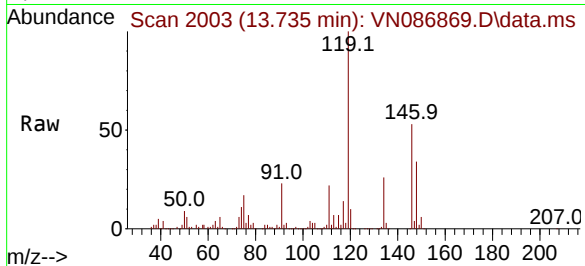




#87  
1,3-Dichlorobenzene  
Concen: 51.224 ug/l  
RT: 13.735 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

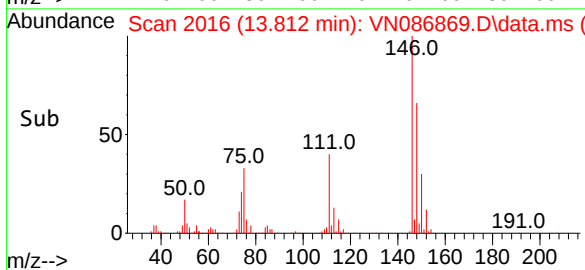
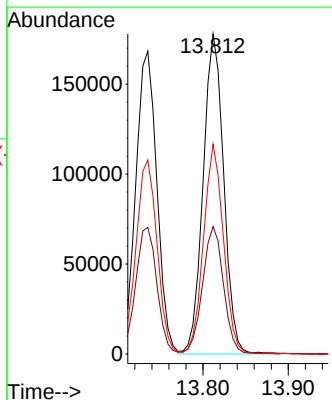
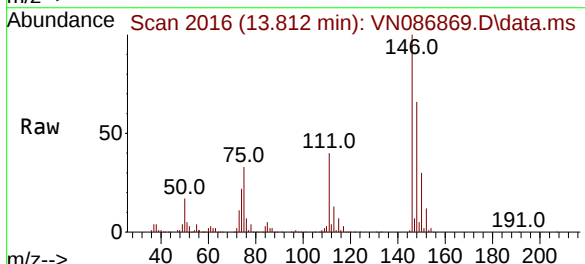
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

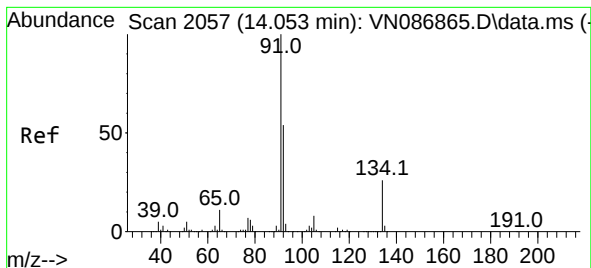
Tgt Ion:146 Resp: 290810  
Ion Ratio Lower Upper  
146 100  
111 42.1 20.9 62.8  
148 64.3 32.0 96.2



#88  
1,4-Dichlorobenzene  
Concen: 51.557 ug/l  
RT: 13.812 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion:146 Resp: 298412  
Ion Ratio Lower Upper  
146 100  
111 40.0 19.9 59.7  
148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 52.424 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

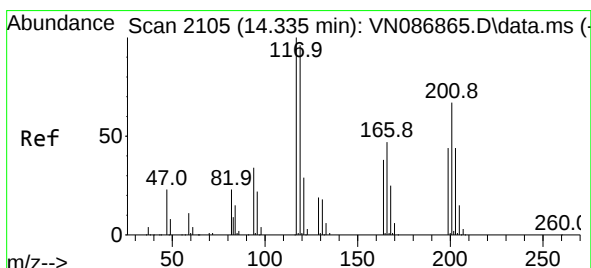
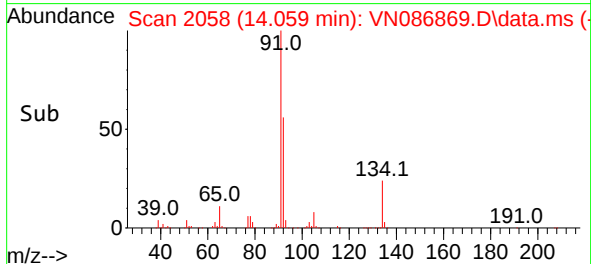
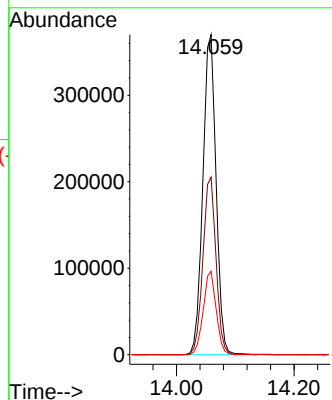
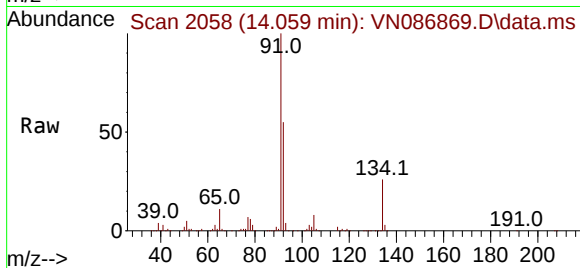
Tgt Ion: 91 Resp: 579636

Ion Ratio Lower Upper

91 100

92 55.0 27.5 82.4

134 25.5 13.0 39.0



#90

Hexachloroethane

Concen: 52.847 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN086869.D

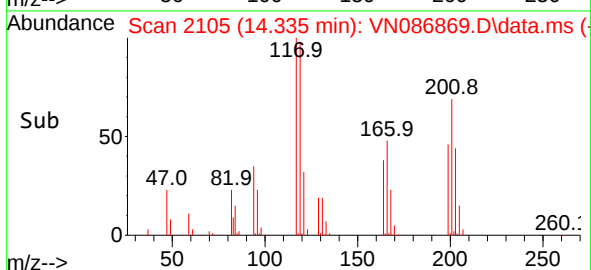
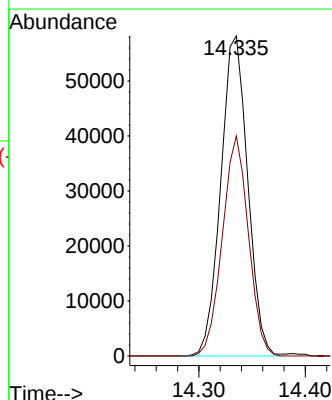
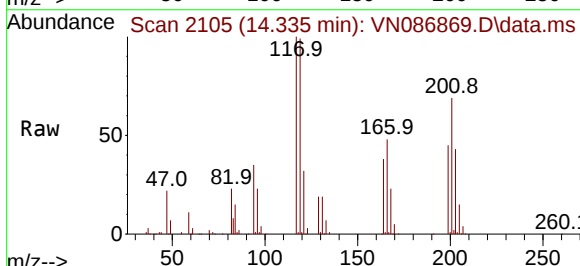
Acq: 06 Jun 2025 15:54

Tgt Ion: 117 Resp: 102254

Ion Ratio Lower Upper

117 100

201 66.4 33.2 99.6

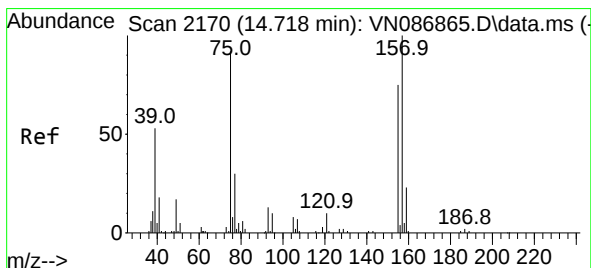
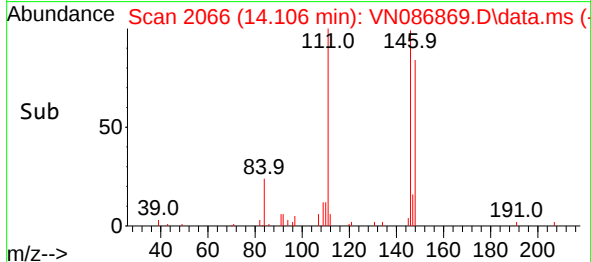
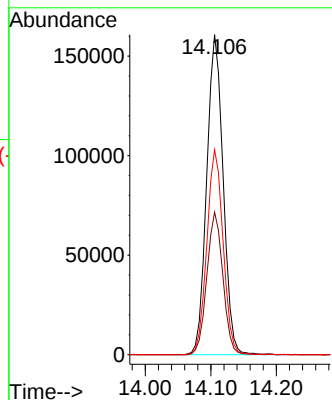
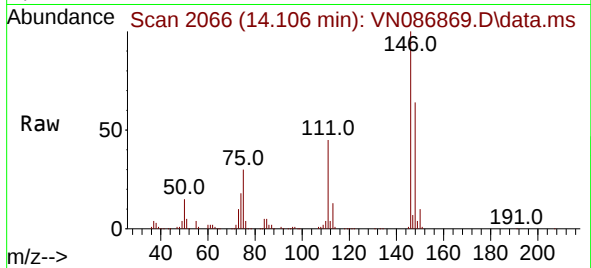




#91  
1,2-Dichlorobenzene  
Concen: 51.340 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

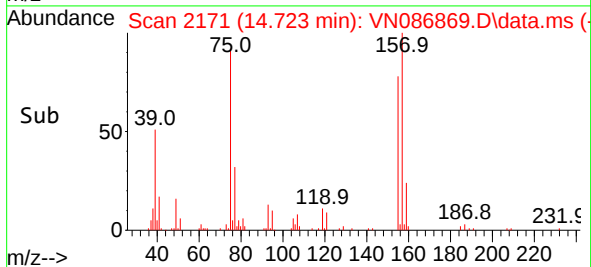
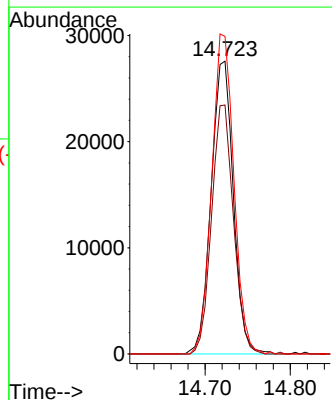
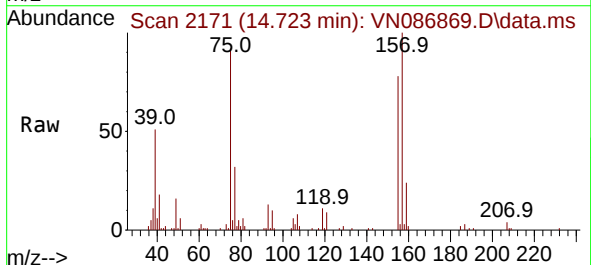
Instrument :  
MSVOA\_N  
ClientSampleId :  
ICVVN060625

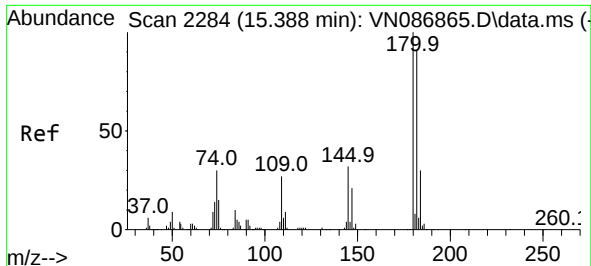
Tgt Ion:146 Resp: 280025  
Ion Ratio Lower Upper  
146 100  
111 43.5 21.6 64.6  
148 63.4 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.161 ug/l  
RT: 14.723 min Scan# 2171  
Delta R.T. 0.006 min  
Lab File: VN086869.D  
Acq: 06 Jun 2025 15:54

Tgt Ion: 75 Resp: 50115  
Ion Ratio Lower Upper  
75 100  
155 83.5 41.1 123.4  
157 108.6 52.7 158.1

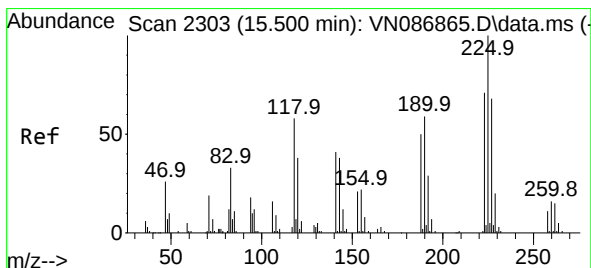
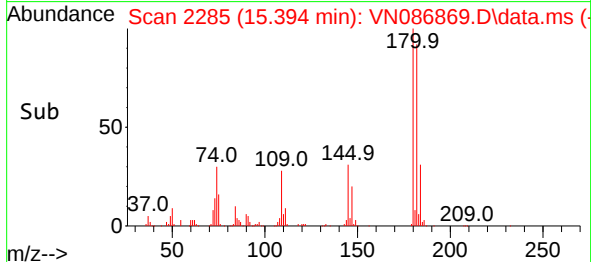
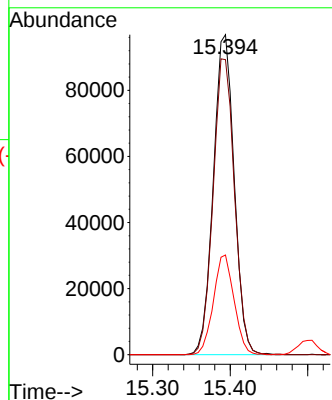
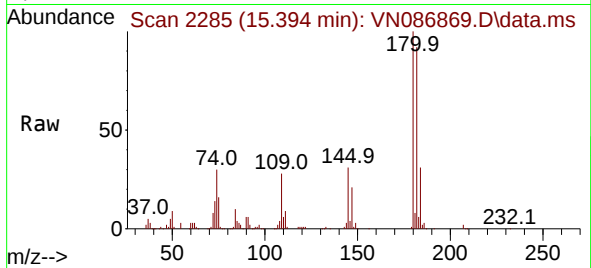




#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.986 ug/l  
 RT: 15.394 min Scan# 2285  
 Delta R.T. 0.006 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

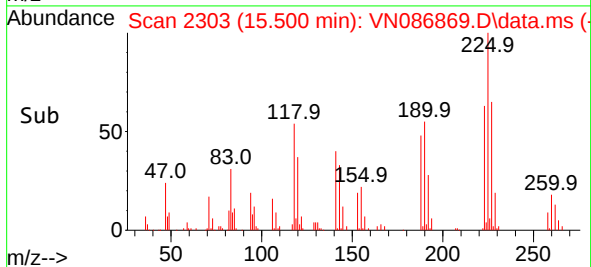
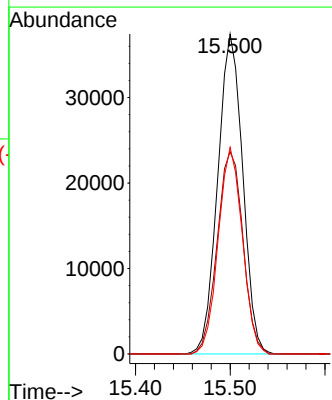
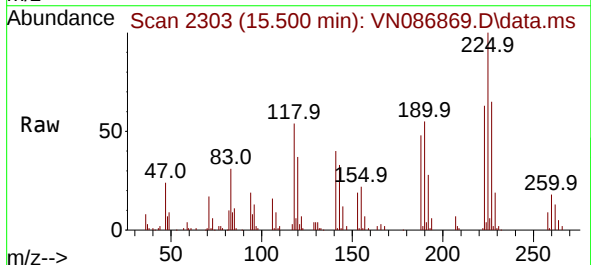
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 ICVVN060625

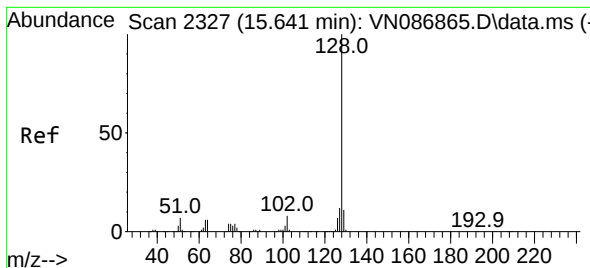
Tgt Ion:180 Resp: 181064  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 46.9 140.7  
 145 30.8 16.0 47.9



#94  
 Hexachlorobutadiene  
 Concen: 52.843 ug/l  
 RT: 15.500 min Scan# 2303  
 Delta R.T. -0.000 min  
 Lab File: VN086869.D  
 Acq: 06 Jun 2025 15:54

Tgt Ion:225 Resp: 68570  
 Ion Ratio Lower Upper  
 225 100  
 223 65.3 33.5 100.4  
 227 62.5 31.1 93.5





#95

Naphthalene

Concen: 52.005 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Instrument :

MSVOA\_N

ClientSampleId :

ICVVN060625

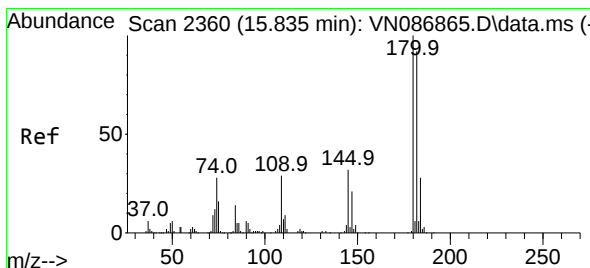
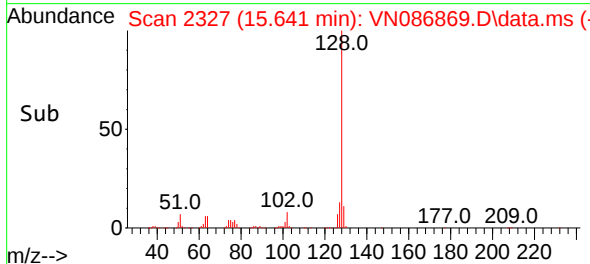
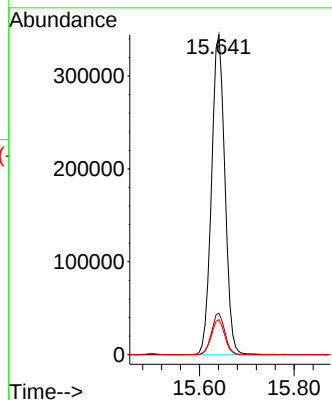
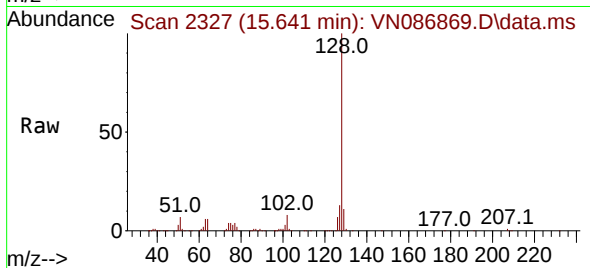
Tgt Ion:128 Resp: 674187

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.539 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086869.D

Acq: 06 Jun 2025 15:54

Tgt Ion:180 Resp: 174888

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.0

145 33.8 16.6 49.8

