

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120125\  
 Data File : VN088394.D  
 Acq On : 01 Dec 2025 19:01  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 02 00:19:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.206  | 168  | 243152   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.082  | 114  | 450975   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.841 | 117  | 407920   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.770 | 152  | 202162   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.559  | 65    | 235463   | 51.406   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 102.820% |      |
| 35) Dibromofluoromethane    | 8.147  | 113   | 158837   | 50.824   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 101.640% |      |
| 50) Toluene-d8              | 10.541 | 98    | 578462   | 49.746   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 99.500%  |      |
| 62) 4-Bromofluorobenzene    | 12.829 | 95    | 206631   | 51.789   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 103.580% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.142 | 85  | 196234  | 53.731  | ug/l | 100 |
| 3) Chloromethane             | 2.383 | 50  | 202686  | 51.673  | ug/l | 97  |
| 4) Vinyl Chloride            | 2.536 | 62  | 211860  | 53.092  | ug/l | 99  |
| 5) Bromomethane              | 2.971 | 94  | 93669   | 48.771  | ug/l | 97  |
| 6) Chloroethane              | 3.142 | 64  | 135218  | 54.756  | ug/l | 99  |
| 7) Trichlorofluoromethane    | 3.512 | 101 | 302274  | 53.896  | ug/l | 99  |
| 8) Diethyl Ether             | 3.965 | 74  | 114406  | 54.348  | ug/l | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 160417  | 53.727  | ug/l | 99  |
| 10) Methyl Iodide            | 4.583 | 142 | 147734  | 49.982  | ug/l | 96  |
| 11) Tert butyl alcohol       | 5.524 | 59  | 198926  | 272.015 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 156528  | 52.765  | ug/l | 95  |
| 13) Acrolein                 | 4.177 | 56  | 220017  | 314.249 | ug/l | 99  |
| 14) Allyl chloride           | 5.012 | 41  | 300243  | 54.606  | ug/l | 99  |
| 15) Acrylonitrile            | 5.706 | 53  | 602153  | 285.387 | ug/l | 99  |
| 16) Acetone                  | 4.418 | 43  | 621248  | 375.026 | ug/l | 100 |
| 17) Carbon Disulfide         | 4.712 | 76  | 524582  | 54.115  | ug/l | 98  |
| 18) Methyl Acetate           | 5.018 | 43  | 314767  | 63.834  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 641088  | 57.681  | ug/l | 97  |
| 20) Methylene Chloride       | 5.265 | 84  | 194597  | 54.906  | ug/l | 99  |
| 21) trans-1,2-Dichloroethene | 5.777 | 96  | 181474  | 55.223  | ug/l | 97  |
| 22) Diisopropyl ether        | 6.659 | 45  | 667924  | 56.899  | ug/l | 98  |
| 23) Vinyl Acetate            | 6.588 | 43  | 3008939 | 318.148 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 6.553 | 63  | 376760  | 56.676  | ug/l | 99  |
| 25) 2-Butanone               | 7.471 | 43  | 879023  | 330.075 | ug/l | 97  |
| 26) 2,2-Dichloropropane      | 7.471 | 77  | 300253  | 52.327  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.471 | 96  | 216926  | 56.801  | ug/l | 98  |
| 28) Bromochloromethane       | 7.794 | 49  | 167848  | 50.686  | ug/l | 99  |
| 29) Tetrahydrofuran          | 7.824 | 42  | 565963  | 296.291 | ug/l | 99  |
| 30) Chloroform               | 7.953 | 83  | 371062  | 56.807  | ug/l | 95  |
| 31) Cyclohexane              | 8.241 | 56  | 315196  | 52.322  | ug/l | 95  |
| 32) 1,1,1-Trichloroethane    | 8.147 | 97  | 317326  | 55.251  | ug/l | 98  |
| 36) 1,1-Dichloropropene      | 8.353 | 75  | 251046  | 52.049  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.541 | 43  | 348320  | 54.923  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.341 | 117 | 262267  | 54.622  | ug/l | 96  |
| 39) Methylcyclohexane        | 9.576 | 83  | 267781  | 51.904  | ug/l | 95  |
| 40) Benzene                  | 8.582 | 78  | 765654  | 54.086  | ug/l | 98  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Dec 02 00:19:23 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 25 01:34:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.759  | 41   | 175790   | 55.964   | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.653  | 62   | 300814   | 55.696   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.671  | 43   | 534479   | 55.159   | ug/l   | 99       |
| 44) Trichloroethene           | 9.335  | 130  | 170310   | 50.916   | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.600  | 63   | 201058   | 55.434   | ug/l   | 95       |
| 46) Dibromomethane            | 9.688  | 93   | 144642   | 55.881   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.865  | 83   | 295192   | 55.893   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.659  | 41   | 252659   | 57.148   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.676  | 88   | 63234    | 1124.656 | ug/l # | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.423 | 43   | 1678201  | 293.831  | ug/l   | 100      |
| 52) Toluene                   | 10.606 | 92   | 455018   | 55.666   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.812 | 75   | 298548   | 55.072   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.294 | 75   | 313016   | 54.906   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.994 | 97   | 173012   | 54.706   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.853 | 69   | 298277   | 59.708   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.141 | 76   | 313209   | 54.898   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.135 | 63   | 849351   | 294.909  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.176 | 43   | 1135566  | 315.614  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.335 | 129  | 200424   | 55.592   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.447 | 107  | 176077   | 54.980   | ug/l   | 99       |
| 64) Tetrachloroethene         | 11.082 | 164  | 152255   | 47.082   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.870 | 112  | 485608   | 52.998   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.935 | 131  | 168248   | 54.444   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.941 | 91   | 868953   | 54.260   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.047 | 106  | 645030   | 108.634  | ug/l   | 98       |
| 69) o-Xylene                  | 12.376 | 106  | 311073   | 54.953   | ug/l   | 98       |
| 70) Styrene                   | 12.388 | 104  | 517835   | 56.339   | ug/l   | 99       |
| 71) Bromoform                 | 12.559 | 173  | 126121   | 55.719   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.670 | 105  | 797342   | 53.343   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.500 | 43   | 141333   | 27.764   | ug/l # | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.917 | 83   | 248802   | 51.487   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.970 | 75   | 356436   | 75.277   | ug/l   | 64       |
| 77) Bromobenzene              | 12.959 | 156  | 182681   | 53.415   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.012 | 91   | 979990   | 53.591   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.100 | 91   | 583933   | 52.291   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.147 | 105  | 661166   | 53.380   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.717 | 75   | 84296    | 50.505   | ug/l # | 99       |
| 82) 4-Chlorotoluene           | 13.200 | 91   | 602162   | 54.291   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.412 | 119  | 558345   | 53.028   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.459 | 105  | 679700   | 55.209   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.588 | 105  | 803702   | 53.133   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.706 | 119  | 665506   | 53.654   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.711 | 146  | 350766   | 52.686   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.788 | 146  | 350813   | 50.304   | ug/l   | 98       |
| 89) n-Butylbenzene            | 14.029 | 91   | 623271   | 51.753   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.306 | 117  | 121388   | 53.572   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.082 | 146  | 334727   | 53.427   | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.694 | 75   | 61378    | 52.351   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.364 | 180  | 187041   | 50.246   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.470 | 225  | 64423    | 48.160   | ug/l   | 98       |
| 95) Naphthalene               | 15.611 | 128  | 677168   | 52.496   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.811 | 180  | 184341   | 50.884   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

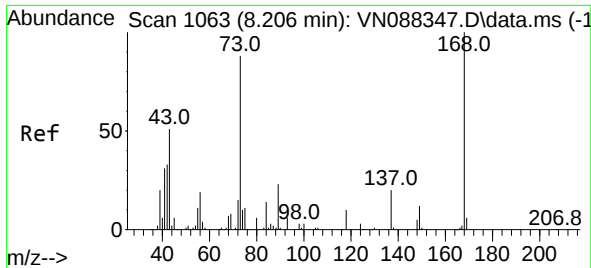
Quant Time: Dec 02 00:19:23 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 25 01:34:52 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 25 01:34:52 2025  
Response via : Initial Calibration

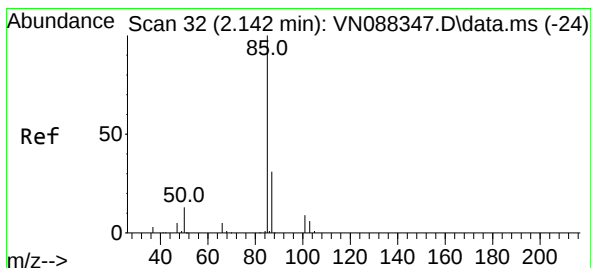
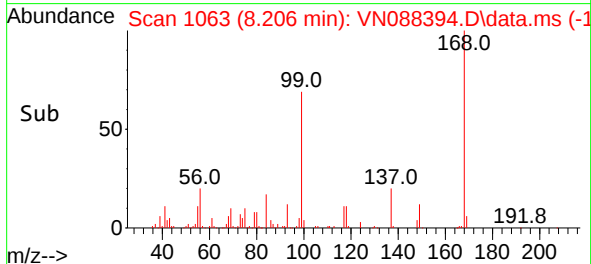
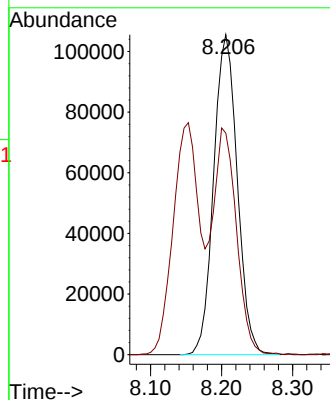
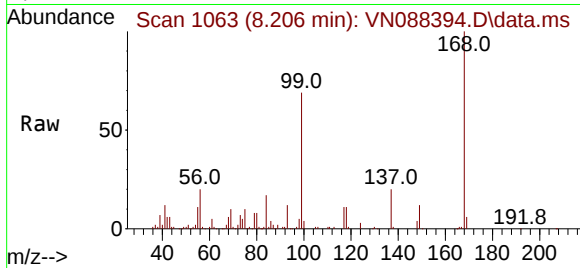




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.206 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

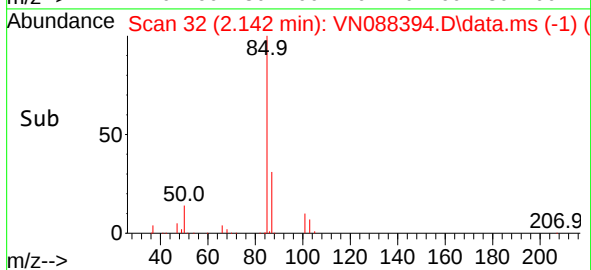
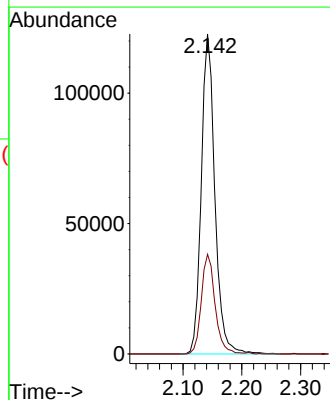
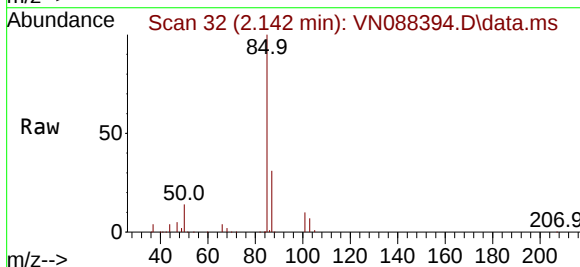
Instrument :  
MSVOA\_N  
ClientSampleId :

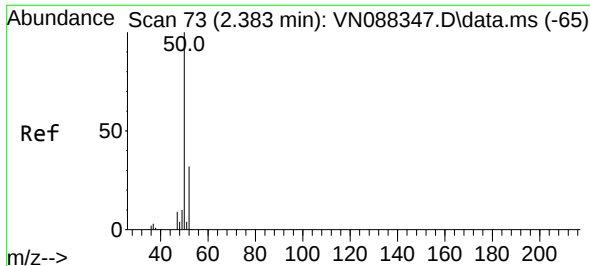
Tgt Ion:168 Resp: 243152  
Ion Ratio Lower Upper  
168 100  
99 69.0 57.1 85.7



#2  
Dichlorodifluoromethane  
Concen: 53.731 ug/l  
RT: 2.142 min Scan# 32  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

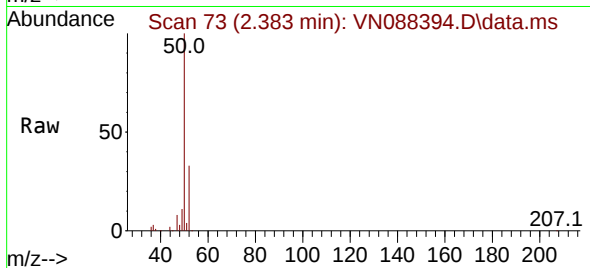
Tgt Ion: 85 Resp: 196234  
Ion Ratio Lower Upper  
85 100  
87 31.2 15.6 46.7



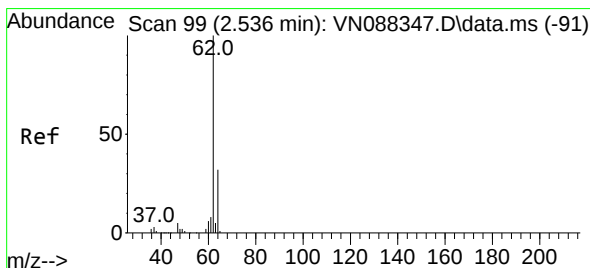
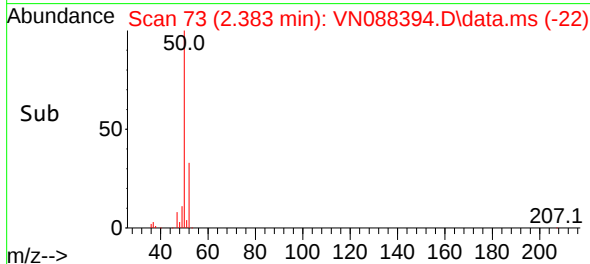
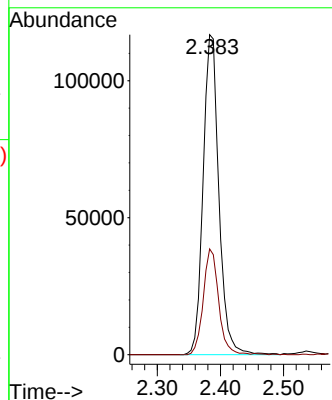


#3  
Chloromethane  
Concen: 51.673 ug/l  
RT: 2.383 min Scan# 73  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

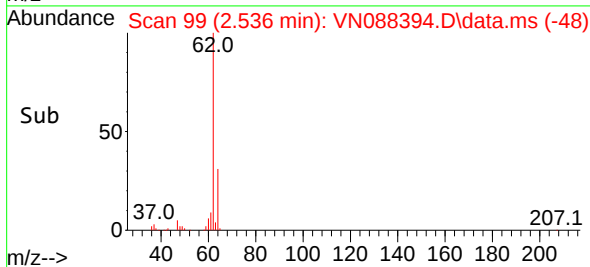
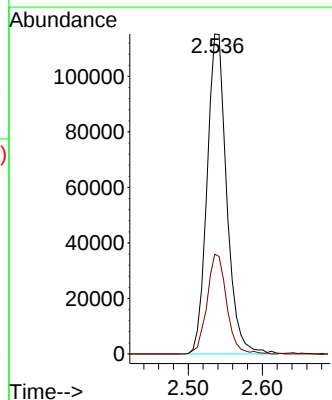
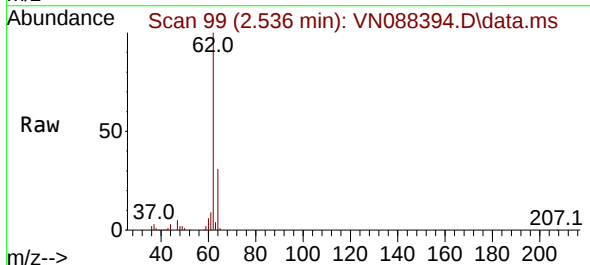


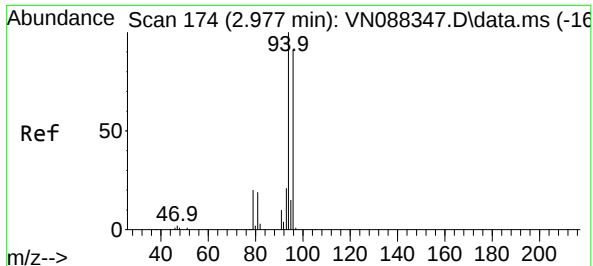
Tgt Ion: 50 Resp: 202686  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.2 37.8



#4  
Vinyl Chloride  
Concen: 53.092 ug/l  
RT: 2.536 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 62 Resp: 211860  
Ion Ratio Lower Upper  
62 100  
64 31.2 25.4 38.2

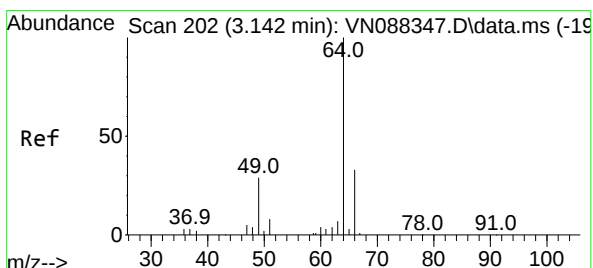
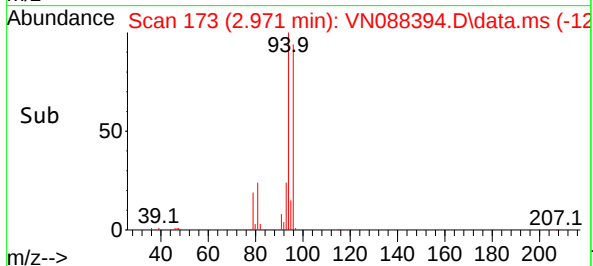
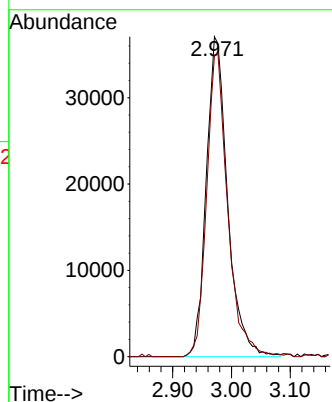
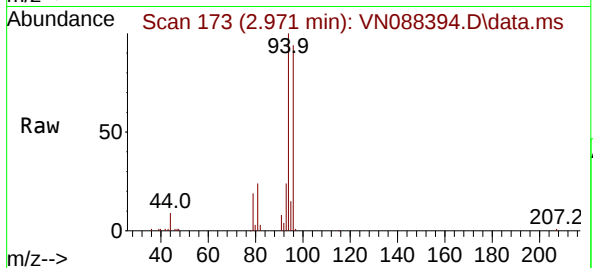




#5  
Bromomethane  
Concen: 48.771 ug/l  
RT: 2.971 min Scan# 173  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

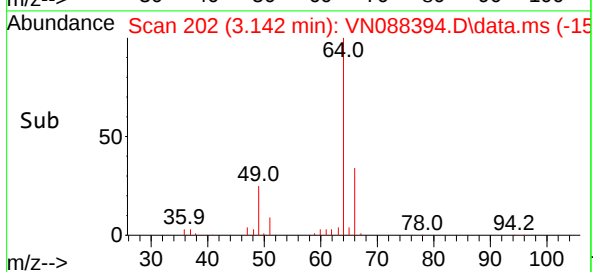
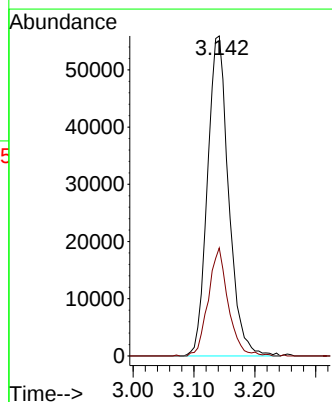
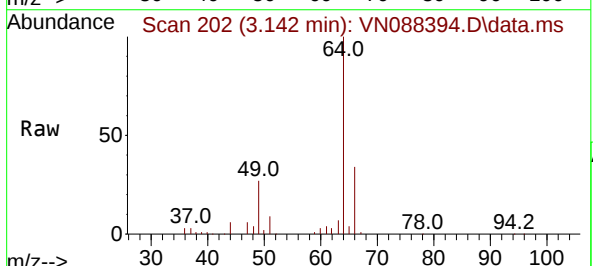
Instrument :  
MSVOA\_N  
ClientSampleId :

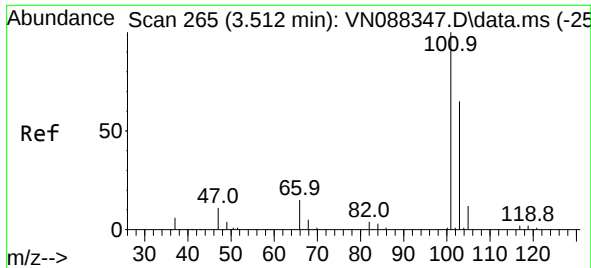
Tgt Ion: 94 Resp: 93669  
Ion Ratio Lower Upper  
94 100  
96 94.2 73.2 109.8



#6  
Chloroethane  
Concen: 54.756 ug/l  
RT: 3.142 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 64 Resp: 135218  
Ion Ratio Lower Upper  
64 100  
66 33.8 26.4 39.6

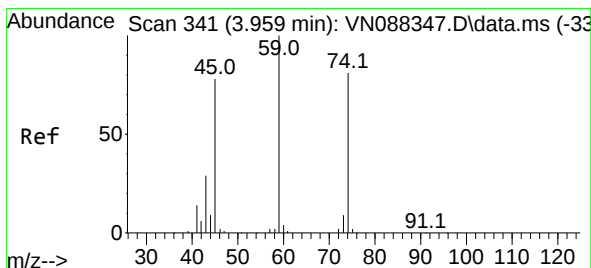
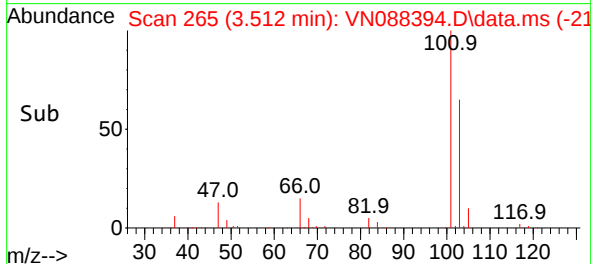
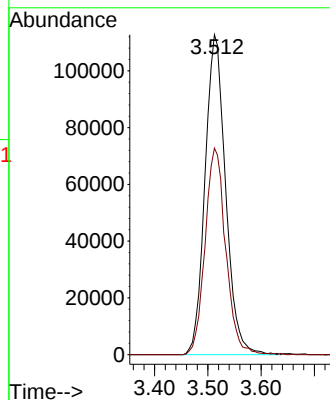
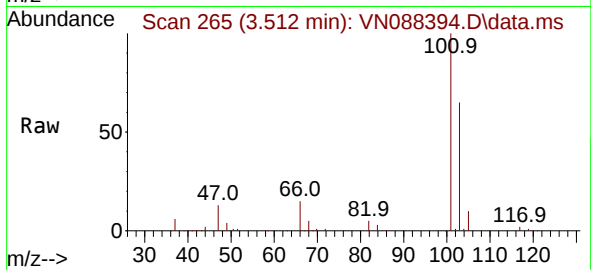




#7  
 Trichlorofluoromethane  
 Concen: 53.896 ug/l  
 RT: 3.512 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

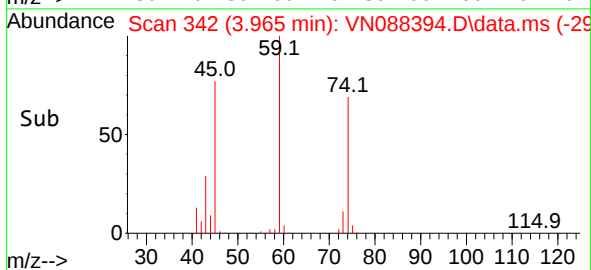
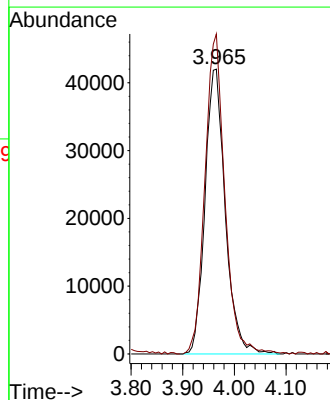
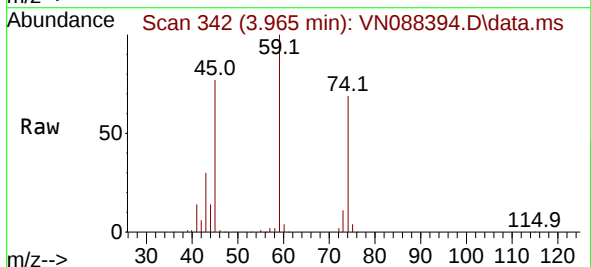
Instrument :  
 MSVOA\_N  
 ClientSampleId :

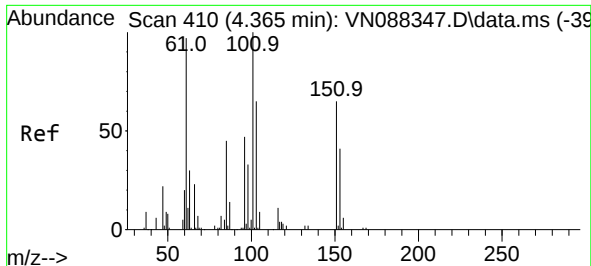
Tgt Ion:101 Resp: 302274  
 Ion Ratio Lower Upper  
 101 100  
 103 64.5 52.3 78.5



#8  
 Diethyl Ether  
 Concen: 54.348 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.006 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Tgt Ion: 74 Resp: 114406  
 Ion Ratio Lower Upper  
 74 100  
 45 110.1 54.2 162.6

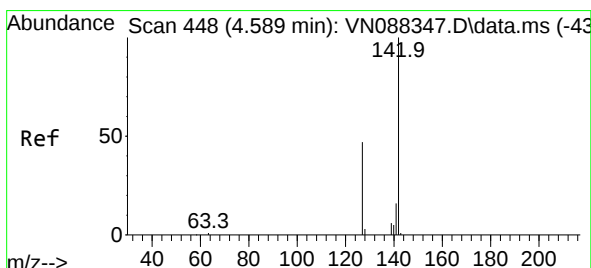
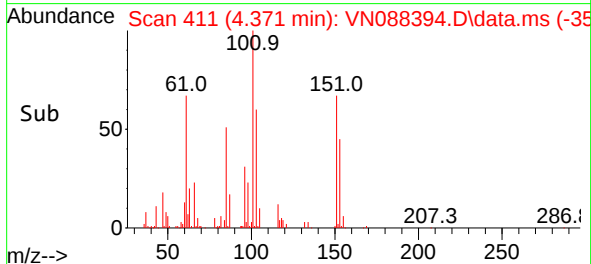
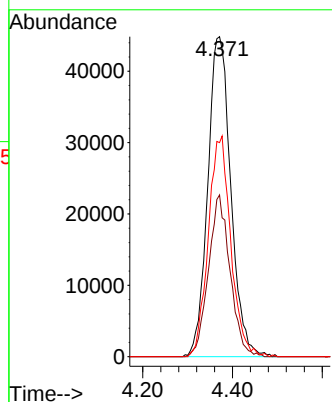
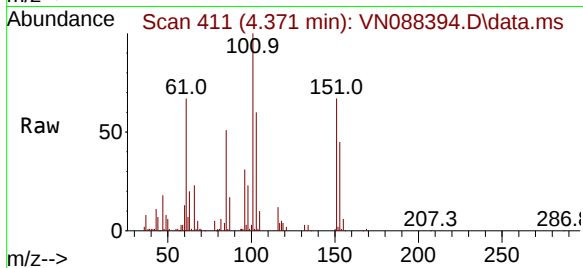




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.727 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

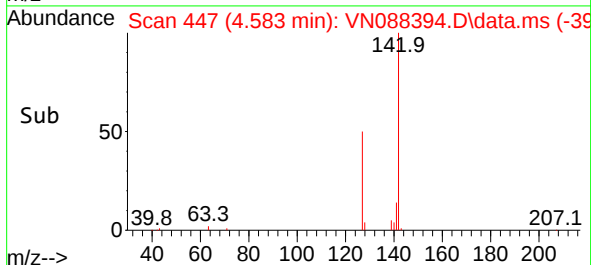
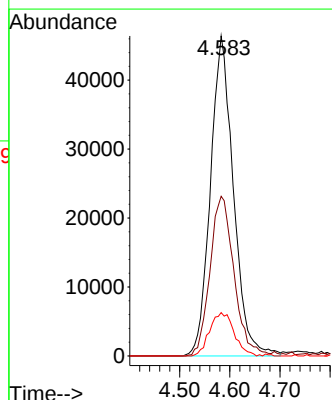
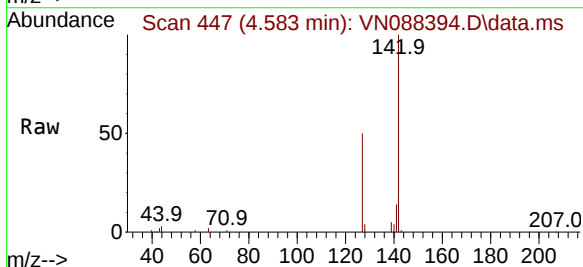
Instrument :  
MSVOA\_N  
ClientSampleId :

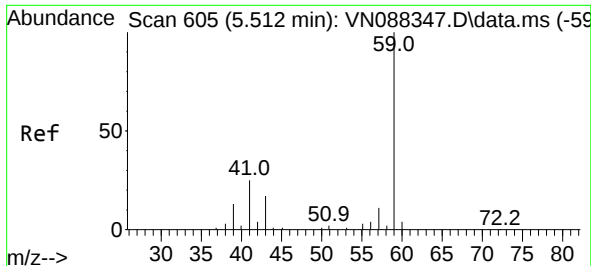
Tgt Ion:101 Resp: 160417  
Ion Ratio Lower Upper  
101 100  
85 47.3 39.2 58.8  
151 67.2 53.6 80.4



#10  
Methyl Iodide  
Concen: 49.982 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion:142 Resp: 147734  
Ion Ratio Lower Upper  
142 100  
127 49.9 37.9 56.9  
141 13.6 12.4 18.6

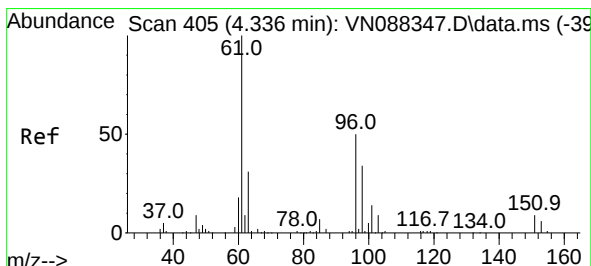
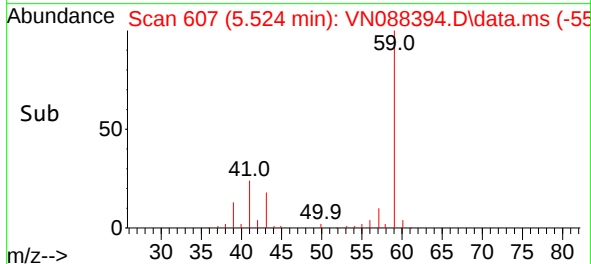
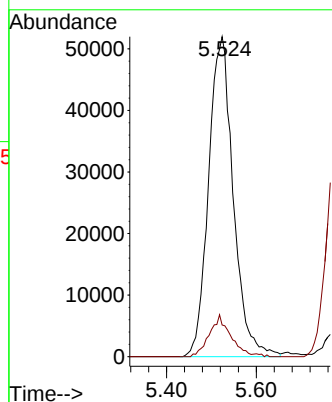
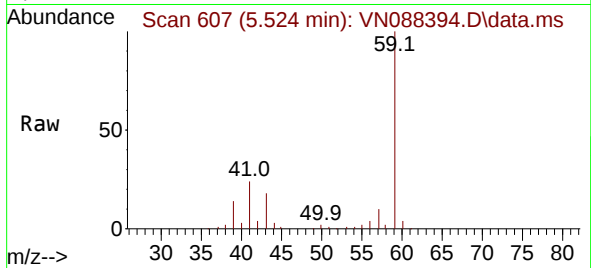




#11  
Tert butyl alcohol  
Concen: 272.015 ug/l  
RT: 5.524 min Scan# 605  
Delta R.T. 0.012 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

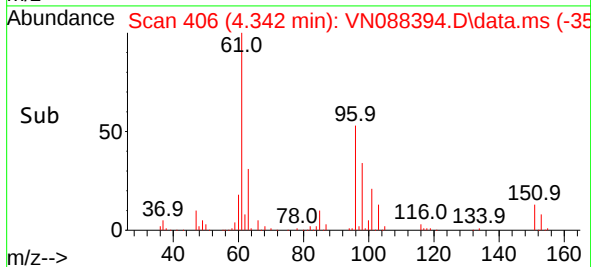
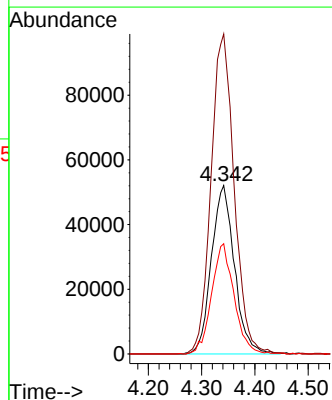
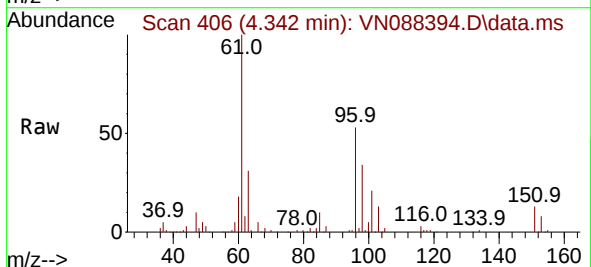
Instrument :  
MSVOA\_N  
ClientSampleId :

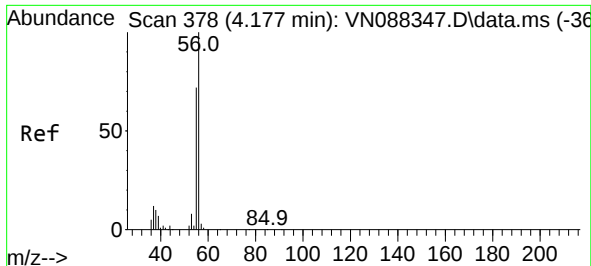
Tgt Ion: 59 Resp: 198926  
Ion Ratio Lower Upper  
59 100  
57 11.1 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 52.765 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 96 Resp: 156528  
Ion Ratio Lower Upper  
96 100  
61 190.0 159.1 238.7  
98 65.2 53.7 80.5





#13

Acrolein

Concen: 314.249 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

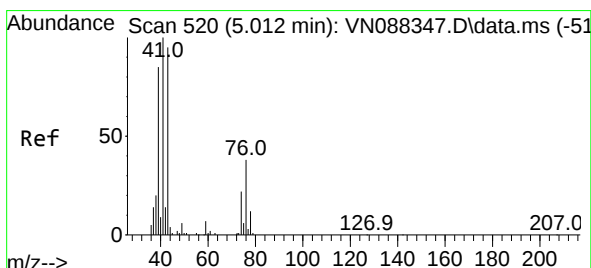
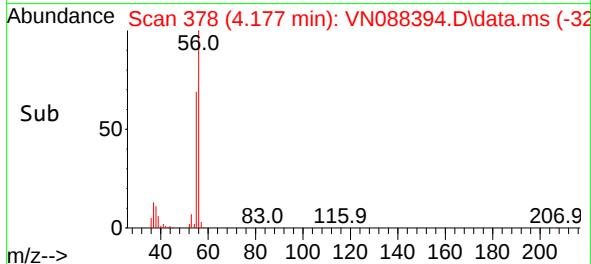
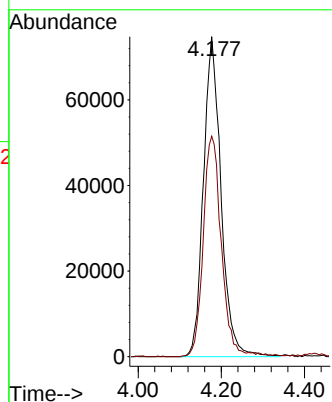
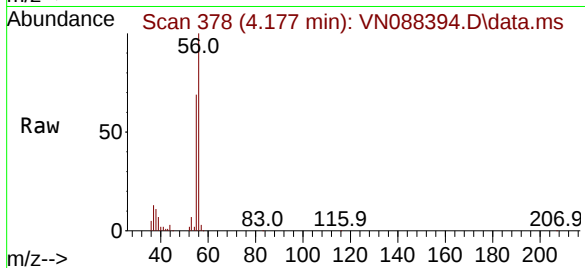
ClientSampleId :

Tgt Ion: 56 Resp: 220017

Ion Ratio Lower Upper

56 100

55 70.9 56.3 84.5



#14

Allyl chloride

Concen: 54.606 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

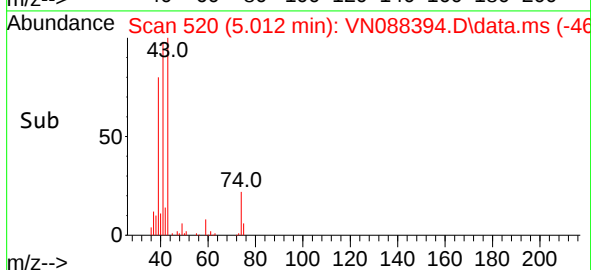
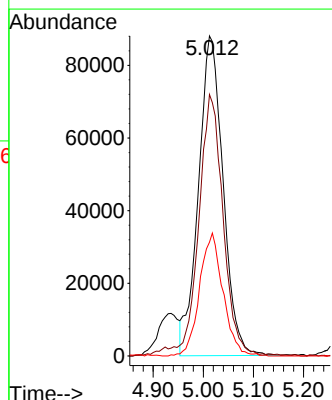
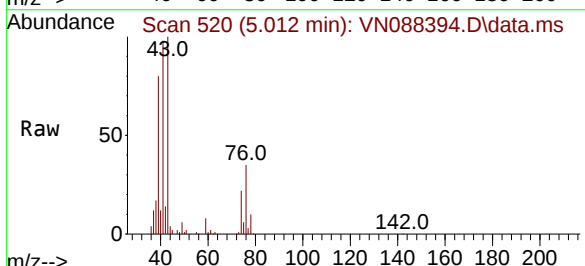
Tgt Ion: 41 Resp: 300243

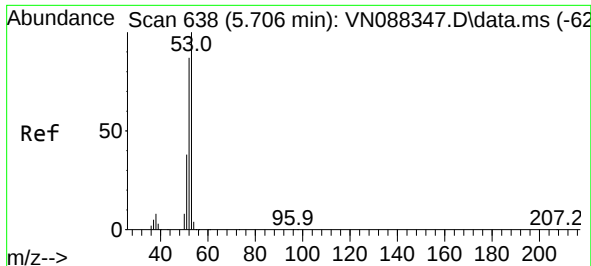
Ion Ratio Lower Upper

41 100

39 80.0 64.7 97.1

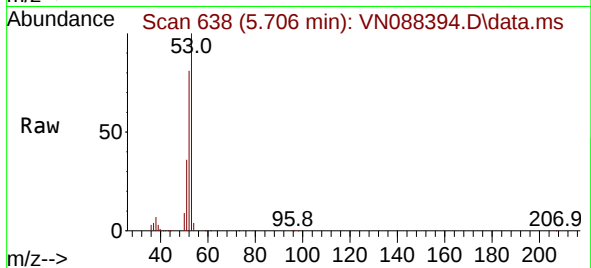
76 36.6 29.1 43.7



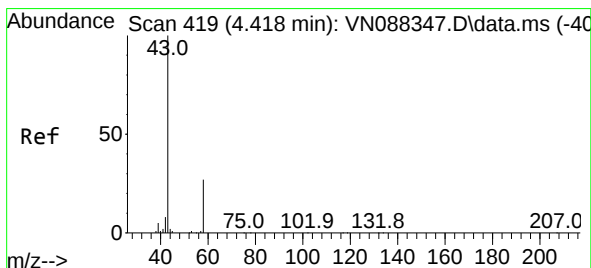
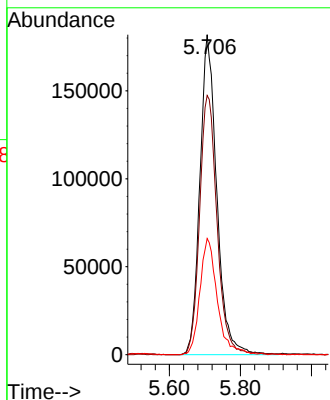
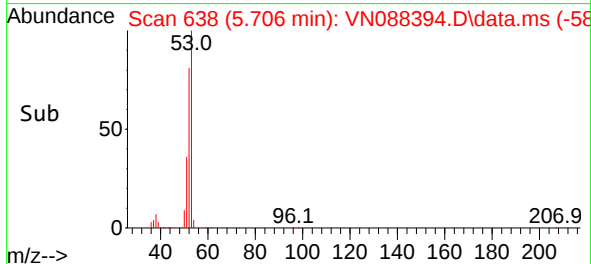


#15  
Acrylonitrile  
Concen: 285.387 ug/l  
RT: 5.706 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

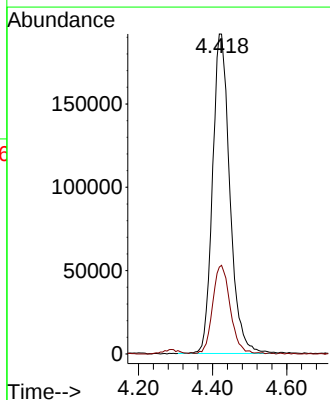
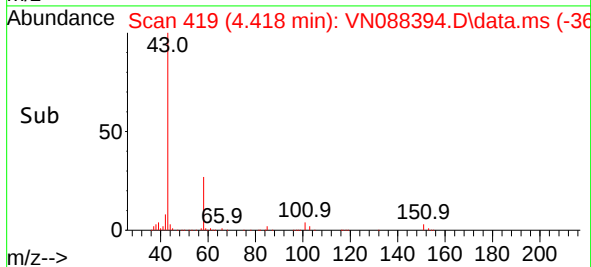
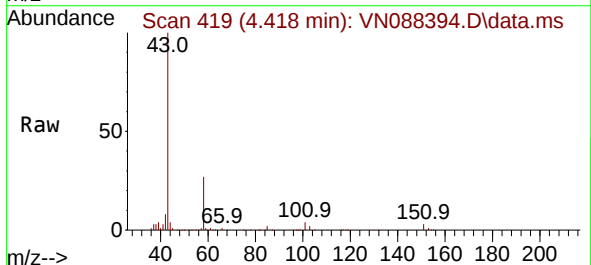


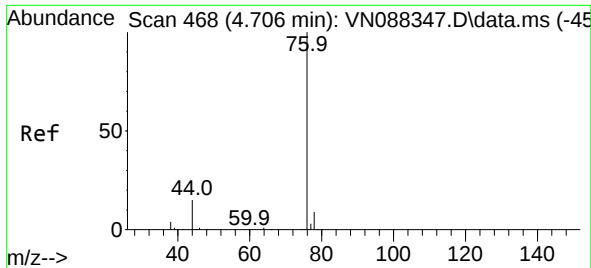
Tgt Ion: 53 Resp: 602153  
Ion Ratio Lower Upper  
53 100  
52 83.7 67.8 101.6  
51 37.4 29.8 44.8



#16  
Acetone  
Concen: 375.026 ug/l  
RT: 4.418 min Scan# 419  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 43 Resp: 621248  
Ion Ratio Lower Upper  
43 100  
58 27.1 21.7 32.5

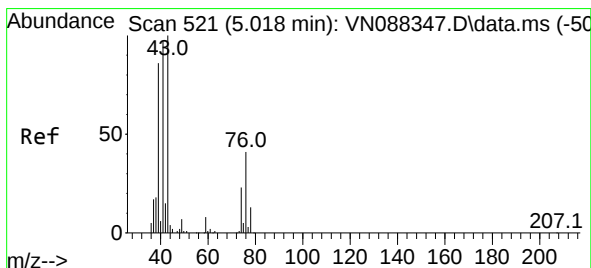
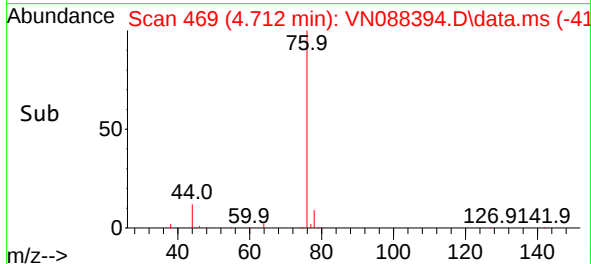
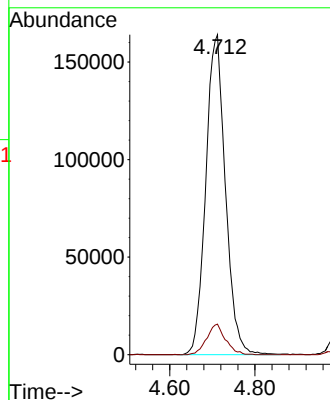
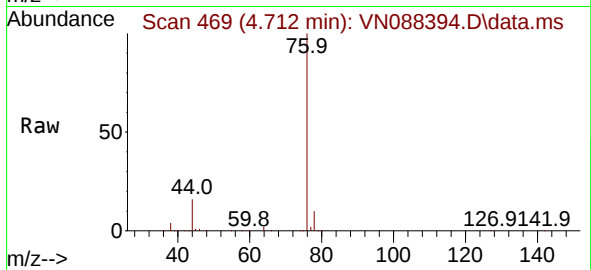




#17  
Carbon Disulfide  
Concen: 54.115 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

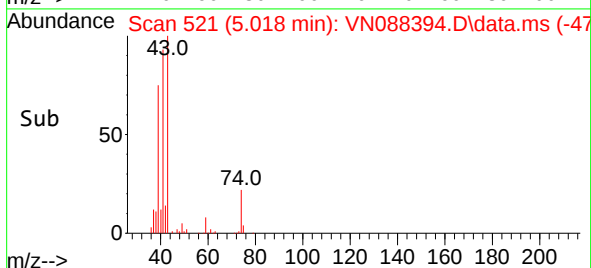
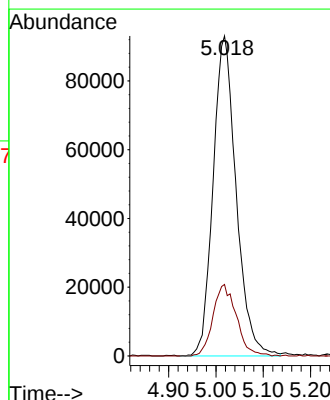
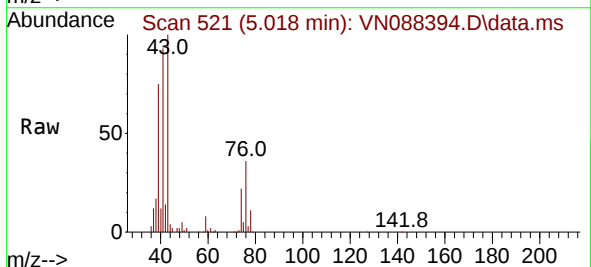
Instrument :  
MSVOA\_N  
ClientSampleId :

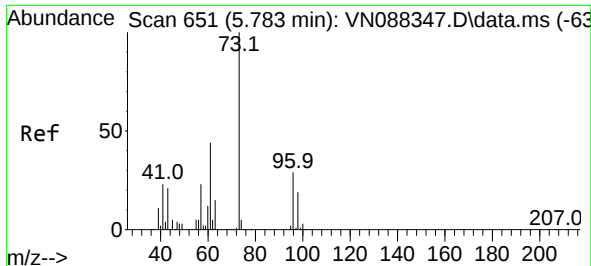
Tgt Ion: 76 Resp: 524582  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.0 10.4



#18  
Methyl Acetate  
Concen: 63.834 ug/l  
RT: 5.018 min Scan# 521  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 43 Resp: 314767  
Ion Ratio Lower Upper  
43 100  
74 22.6 17.9 26.9

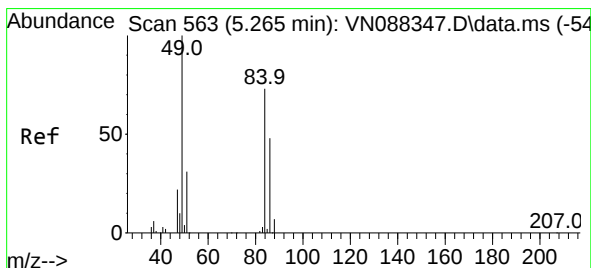
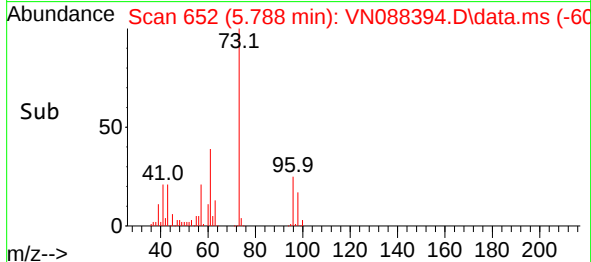
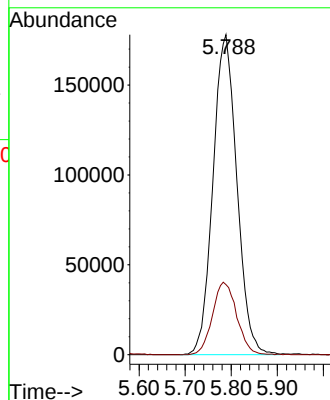
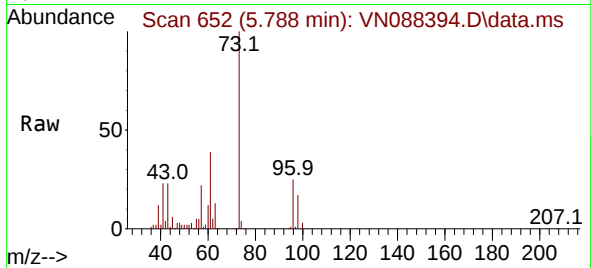




#19  
Methyl tert-butyl Ether  
Concen: 57.681 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

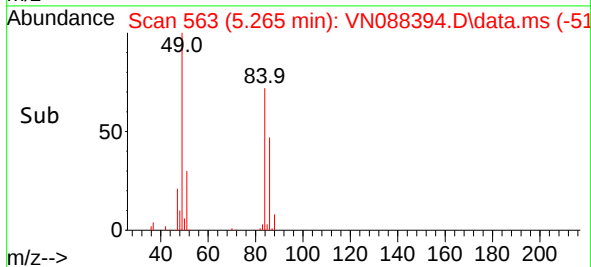
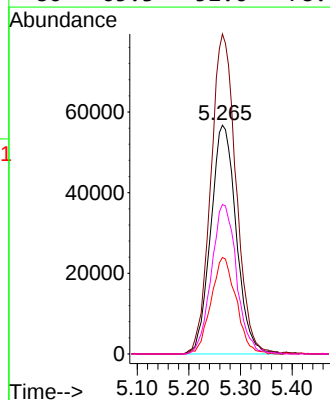
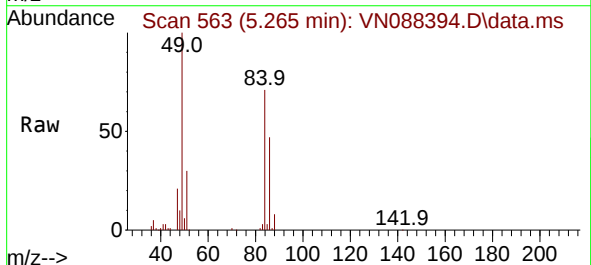
Instrument :  
MSVOA\_N  
ClientSampleId :

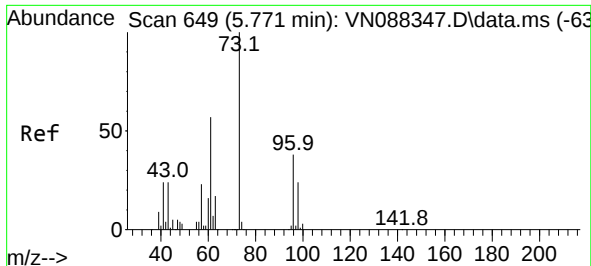
Tgt Ion: 73 Resp: 641088  
Ion Ratio Lower Upper  
73 100  
57 21.9 18.6 28.0



#20  
Methylene Chloride  
Concen: 54.906 ug/l  
RT: 5.265 min Scan# 563  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 84 Resp: 194597  
Ion Ratio Lower Upper  
84 100  
49 139.9 110.2 165.2  
51 42.2 34.1 51.1  
86 65.3 52.6 78.8

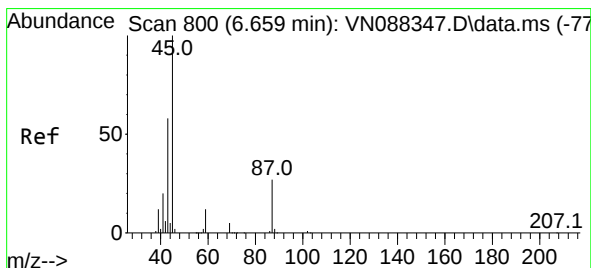
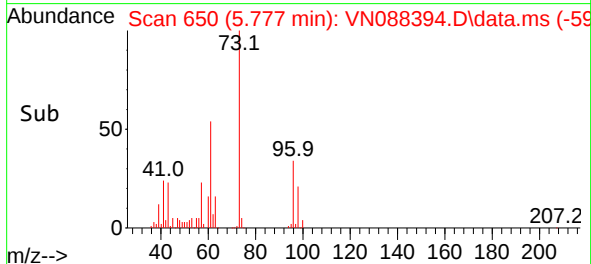
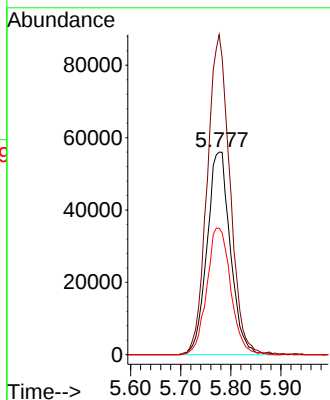
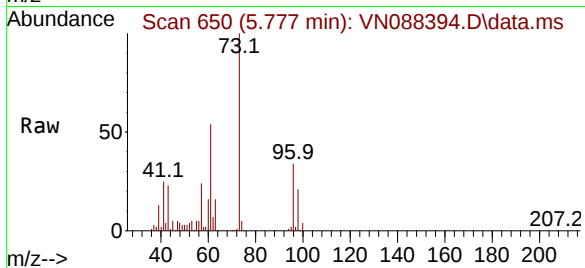




#21  
trans-1,2-Dichloroethene  
Concen: 55.223 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

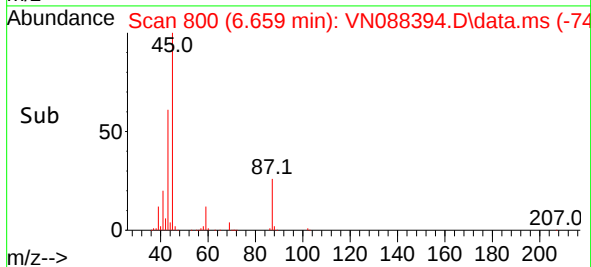
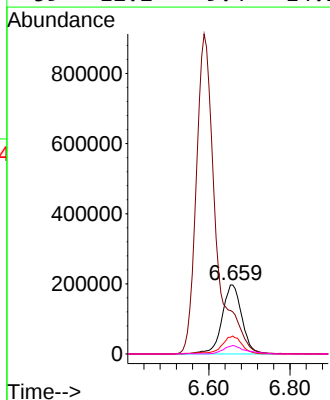
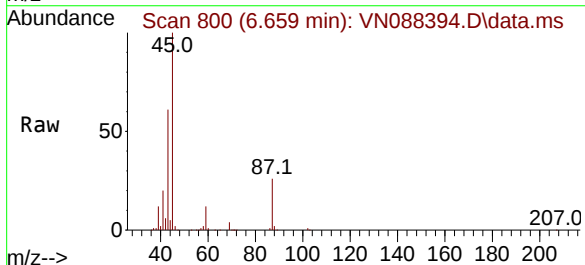
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MSVOA\_N  
ClientSampleId :

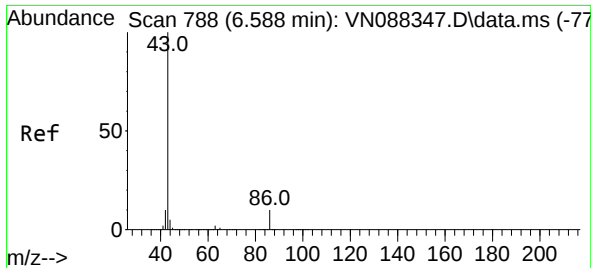
Tgt Ion: 96 Resp: 181474  
Ion Ratio Lower Upper  
96 100  
61 158.0 122.4 183.6  
98 62.4 50.9 76.3



#22  
Diisopropyl ether  
Concen: 56.899 ug/l  
RT: 6.659 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 45 Resp: 667924  
Ion Ratio Lower Upper  
45 100  
43 60.1 47.4 71.2  
87 25.9 21.9 32.9  
59 12.2 9.4 14.2

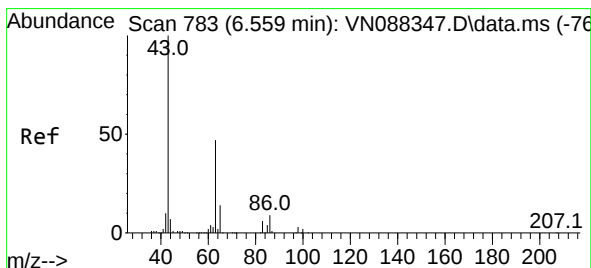
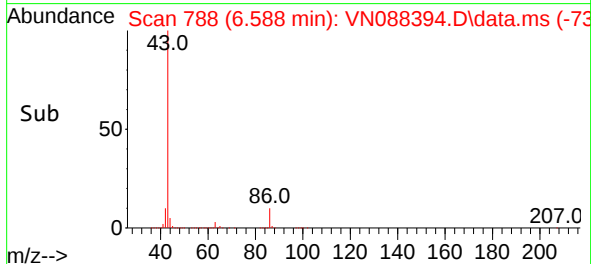
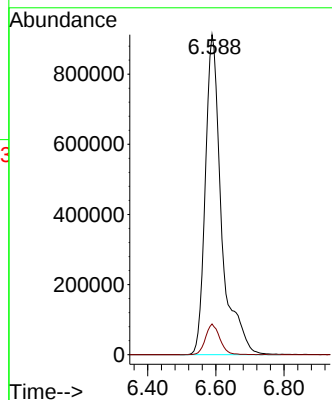
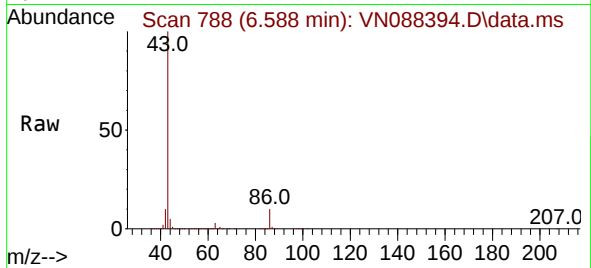




#23  
 Vinyl Acetate  
 Concen: 318.148 ug/l  
 RT: 6.588 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

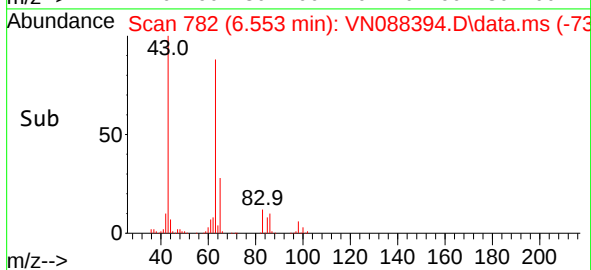
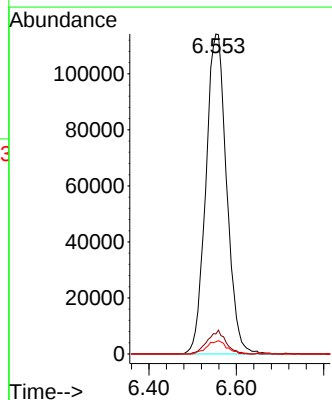
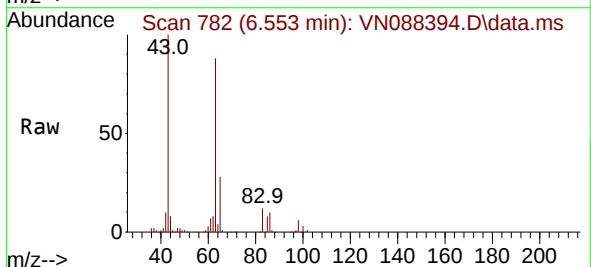
Instrument :  
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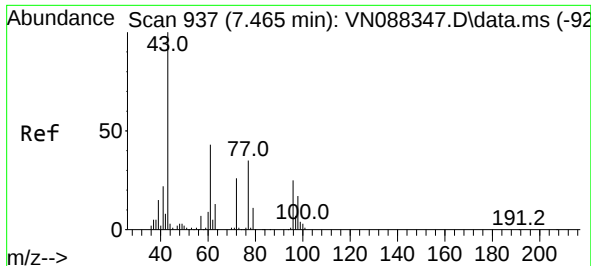
Tgt Ion: 43 Resp: 3008939  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 56.676 ug/l  
 RT: 6.553 min Scan# 782  
 Delta R.T. -0.006 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Tgt Ion: 63 Resp: 376760  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.4 10.2  
 100 3.8 1.9 5.7

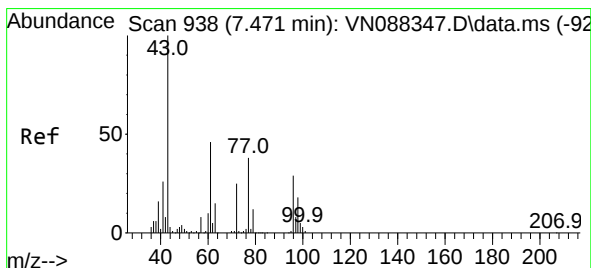
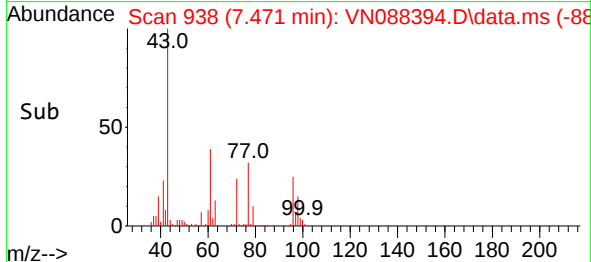
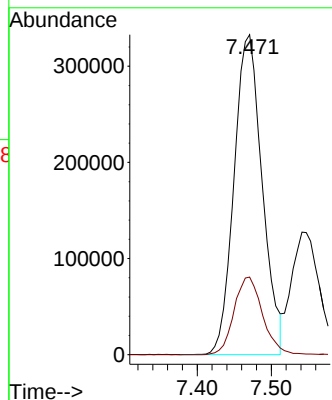
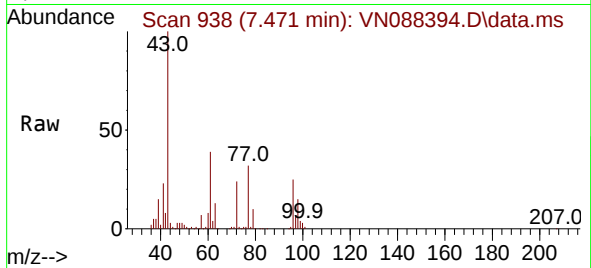




#25  
2-Butanone  
Concen: 330.075 ug/l  
RT: 7.471 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

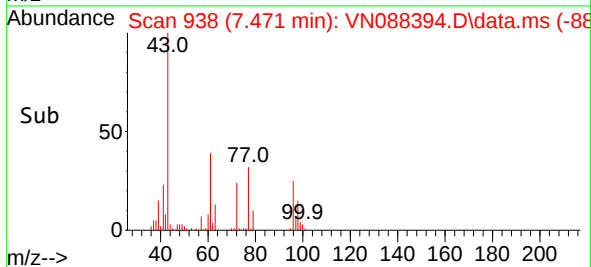
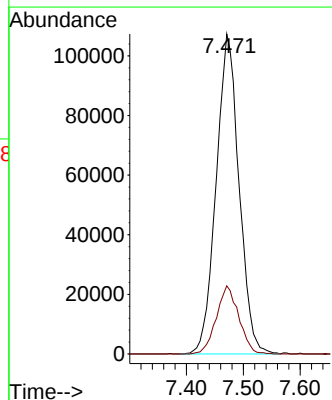
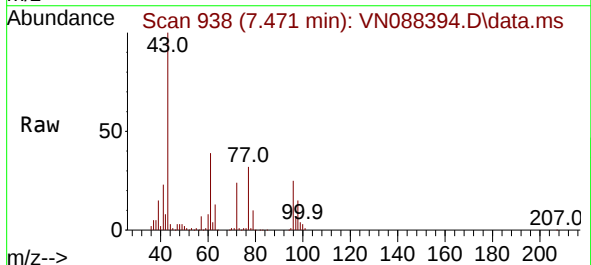
Instrument :  
MSVOA\_N  
ClientSampleId :

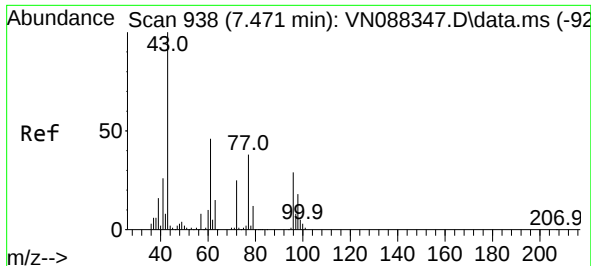
Tgt Ion: 43 Resp: 879023  
Ion Ratio Lower Upper  
43 100  
72 24.2 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 52.327 ug/l  
RT: 7.471 min Scan# 938  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

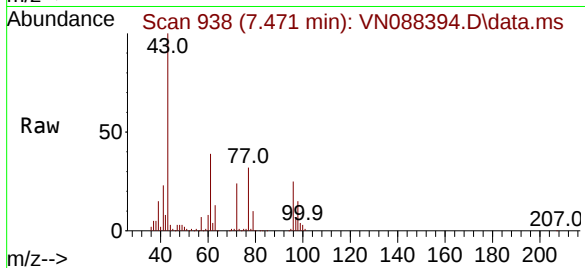
Tgt Ion: 77 Resp: 300253  
Ion Ratio Lower Upper  
77 100  
97 20.8 10.3 30.9



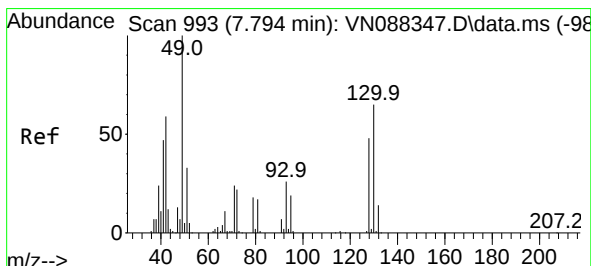
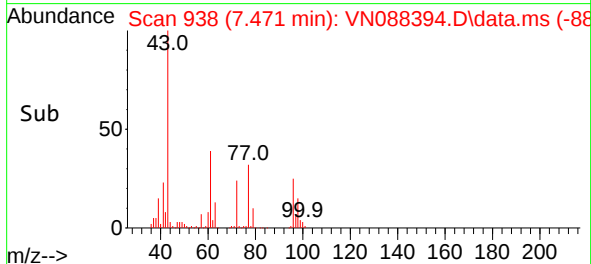
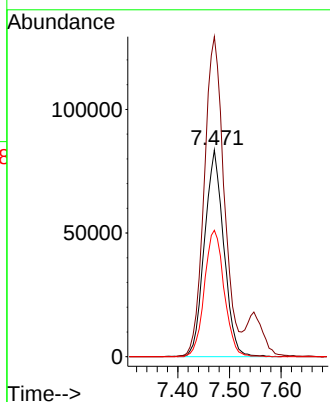


#27  
 cis-1,2-Dichloroethene  
 Concen: 56.801 ug/l  
 RT: 7.471 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

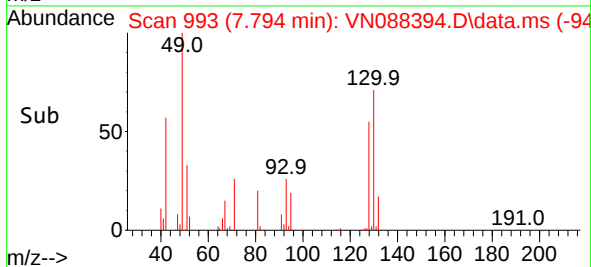
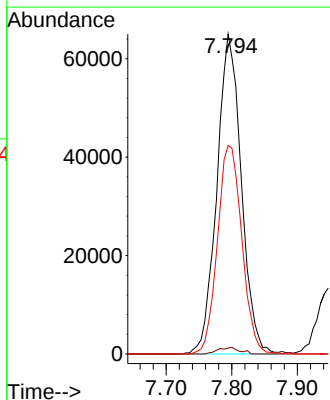
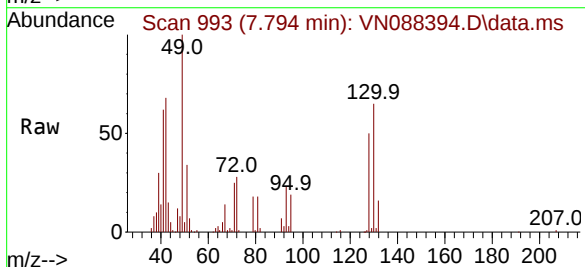


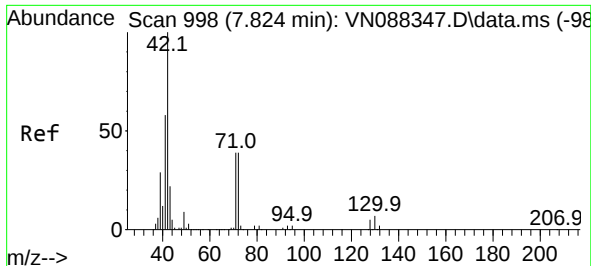
Tgt Ion: 96 Resp: 216926  
 Ion Ratio Lower Upper  
 96 100  
 61 159.6 0.0 323.6  
 98 62.5 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 50.686 ug/l  
 RT: 7.794 min Scan# 993  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Tgt Ion: 49 Resp: 167848  
 Ion Ratio Lower Upper  
 49 100  
 129 1.8 0.0 3.6  
 130 65.0 51.1 76.7

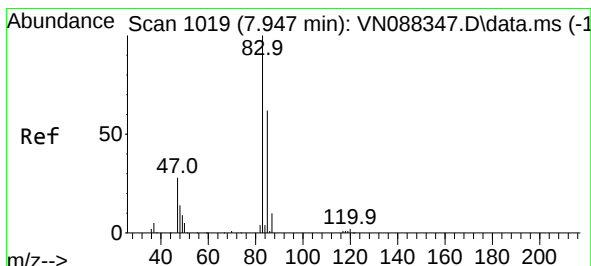
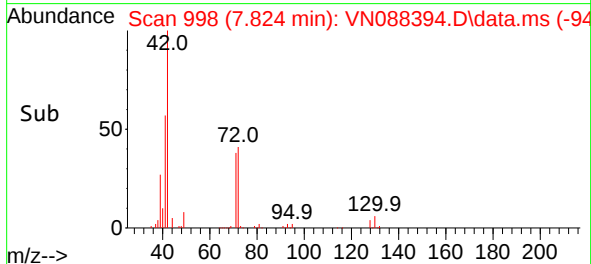
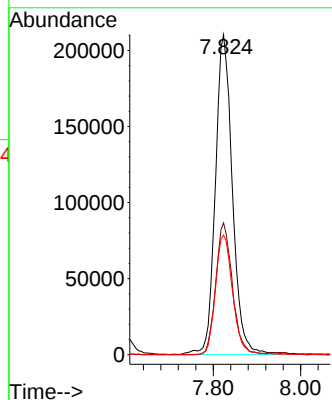
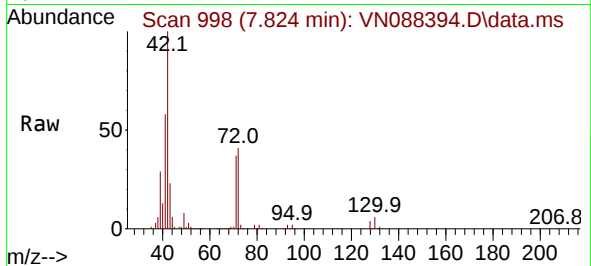




#29  
Tetrahydrofuran  
Concen: 296.291 ug/l  
RT: 7.824 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

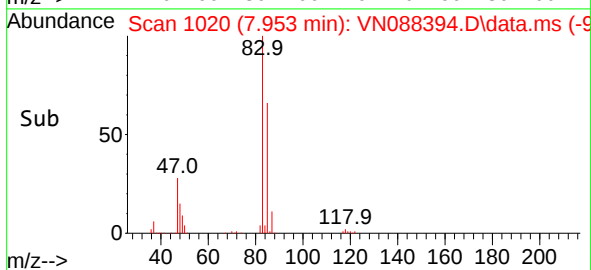
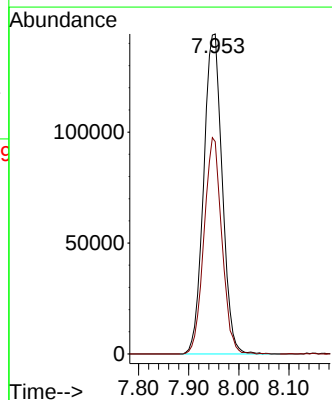
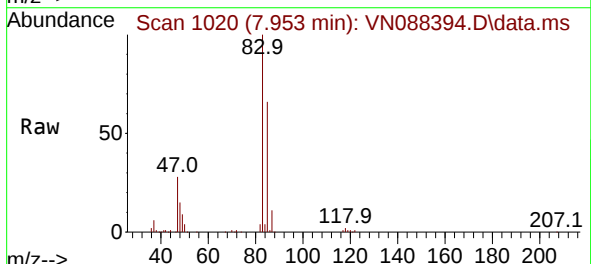
Instrument :  
MSVOA\_N  
ClientSampleId :

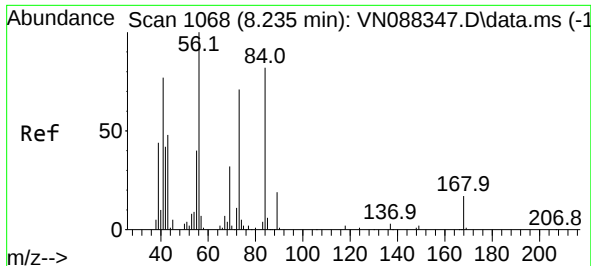
Tgt Ion: 42 Resp: 565963  
Ion Ratio Lower Upper  
42 100  
72 40.5 32.2 48.4  
71 37.7 31.1 46.7



#30  
Chloroform  
Concen: 56.807 ug/l  
RT: 7.953 min Scan# 1020  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

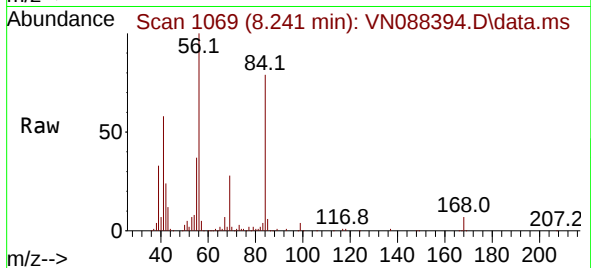
Tgt Ion: 83 Resp: 371062  
Ion Ratio Lower Upper  
83 100  
85 66.3 49.8 74.8



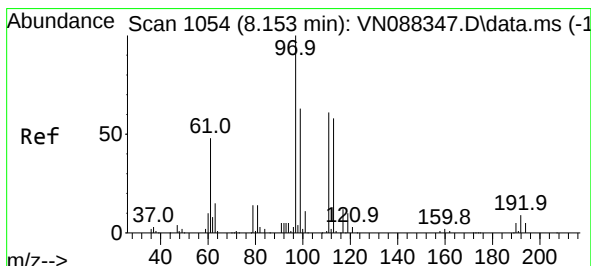
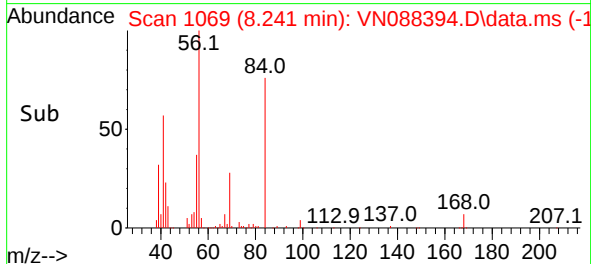
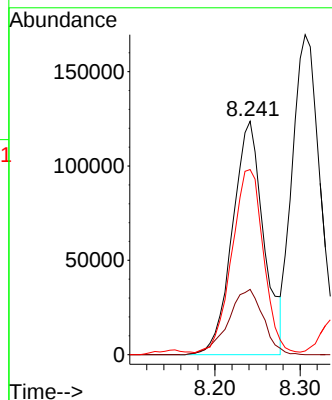


#31  
Cyclohexane  
Concen: 52.322 ug/l  
RT: 8.241 min Scan# 1068  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

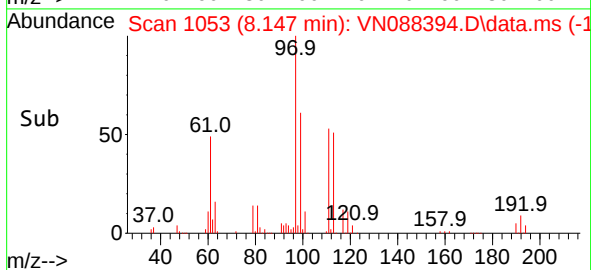
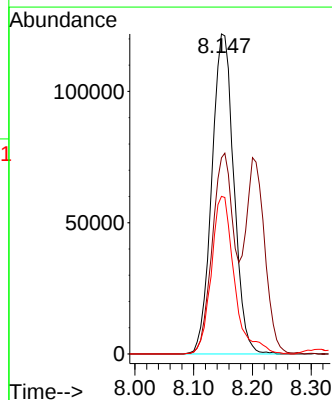
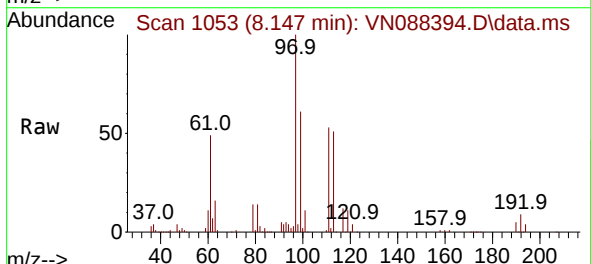


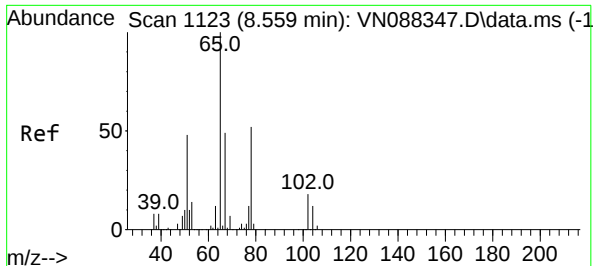
Tgt Ion: 56 Resp: 315196  
Ion Ratio Lower Upper  
56 100  
69 27.7 25.3 37.9  
84 77.9 65.4 98.2



#32  
1,1,1-Trichloroethane  
Concen: 55.251 ug/l  
RT: 8.147 min Scan# 1053  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 97 Resp: 317326  
Ion Ratio Lower Upper  
97 100  
99 61.2 50.8 76.2  
61 51.7 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 51.406 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

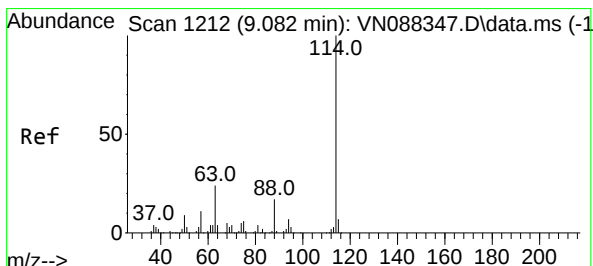
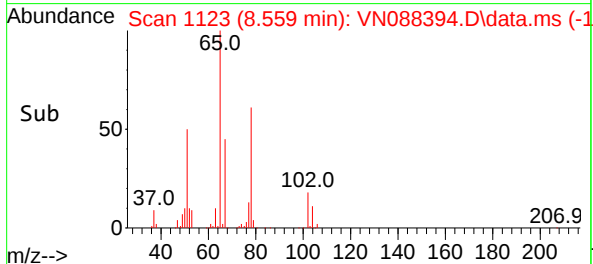
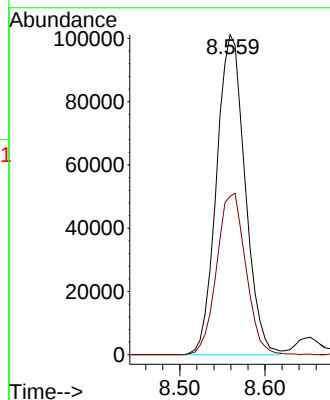
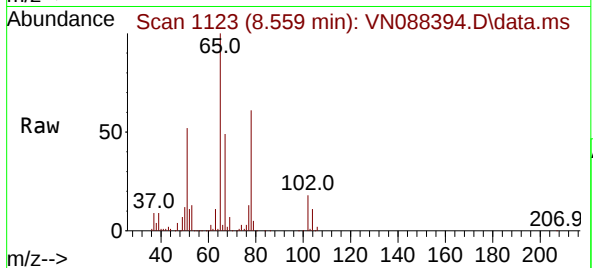
ClientSampleId :

Tgt Ion: 65 Resp: 235463

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

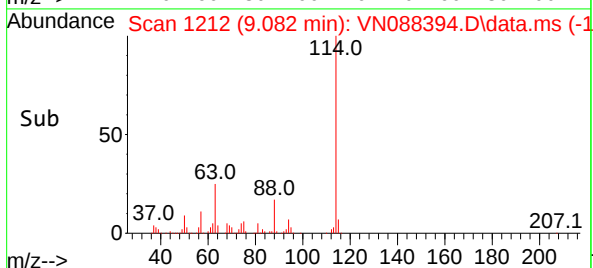
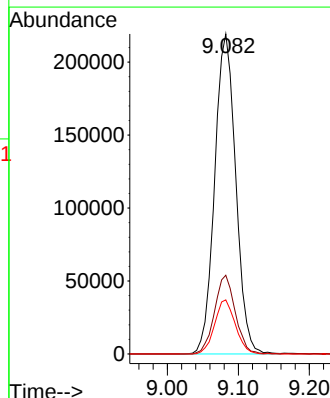
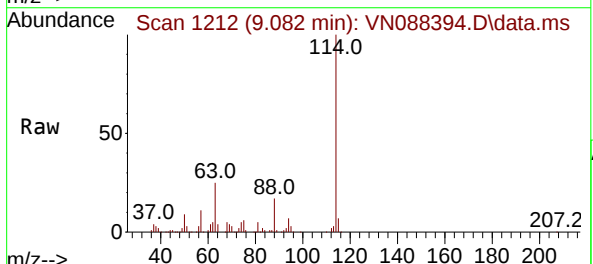
Tgt Ion: 114 Resp: 450975

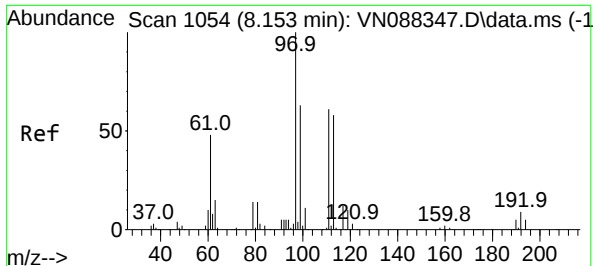
Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.0

88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.824 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

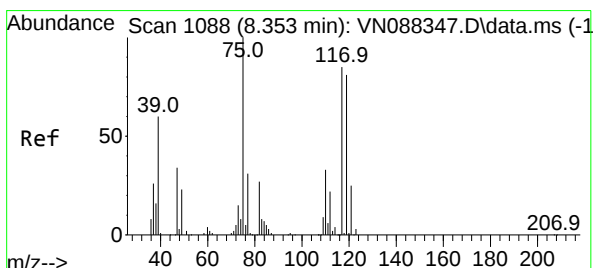
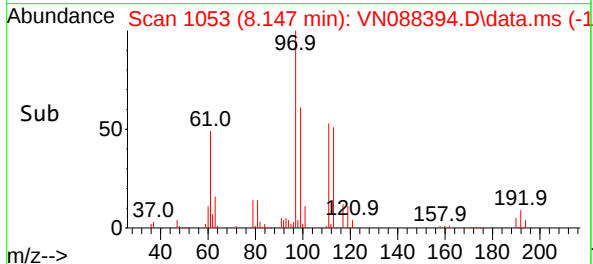
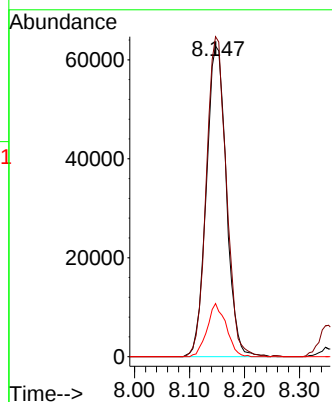
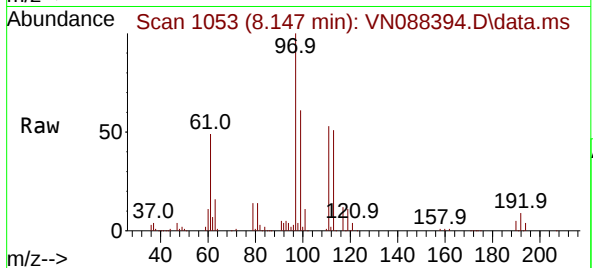
Tgt Ion:113 Resp: 158837

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 16.3 12.8 19.2



#36

1,1-Dichloropropene

Concen: 52.049 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

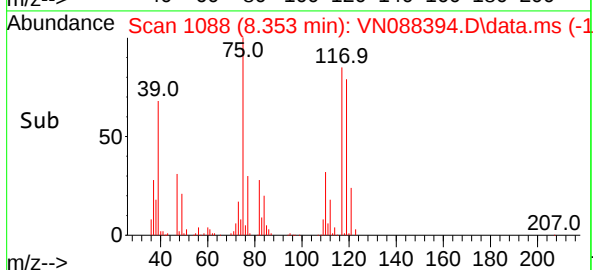
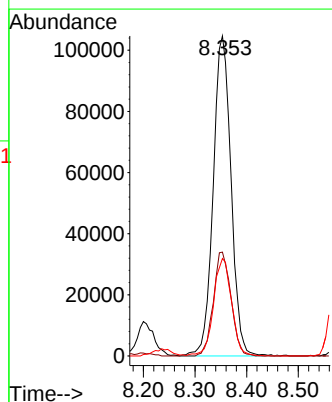
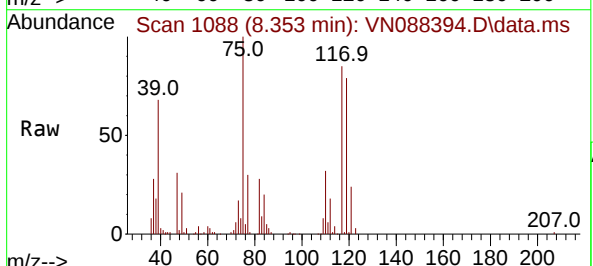
Tgt Ion: 75 Resp: 251046

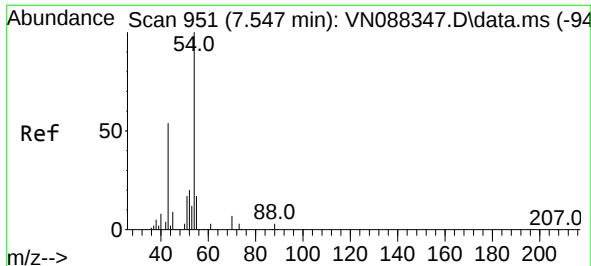
Ion Ratio Lower Upper

75 100

110 32.1 15.8 47.4

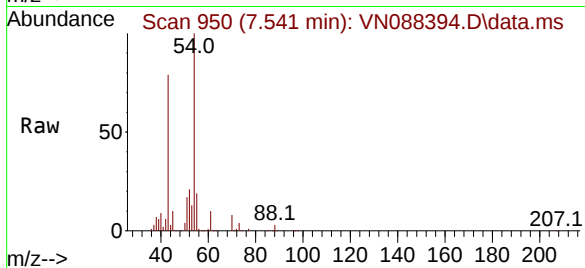
77 30.9 24.2 36.2



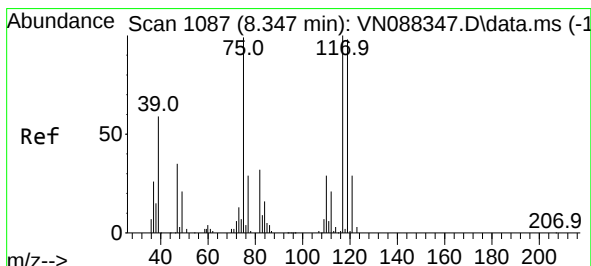
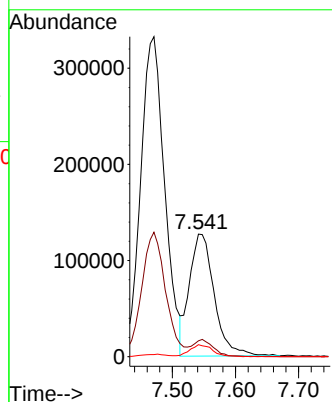
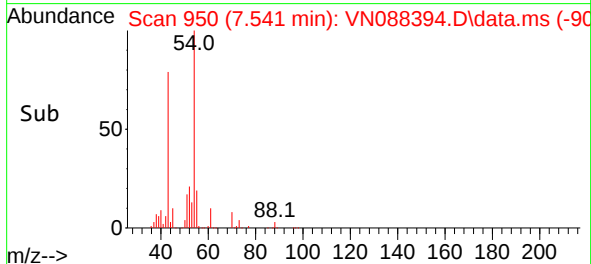


#37  
Ethyl Acetate  
Concen: 54.923 ug/l  
RT: 7.541 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

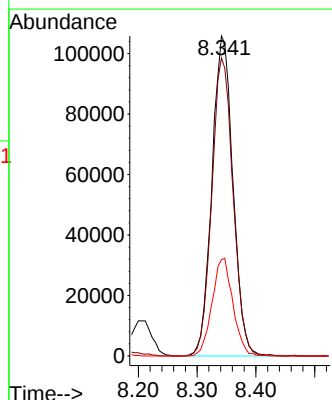
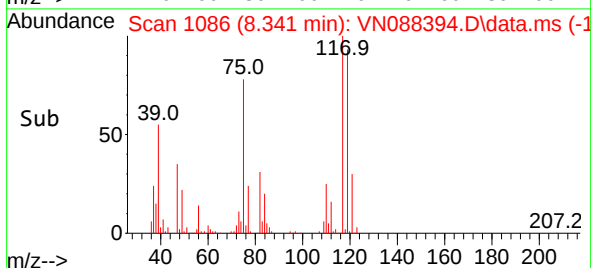
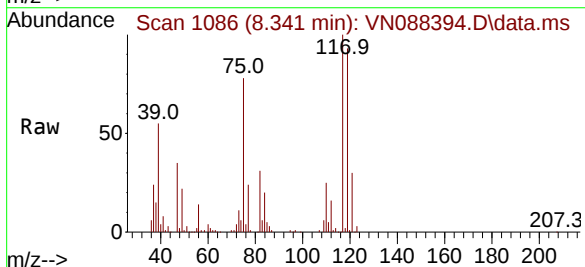


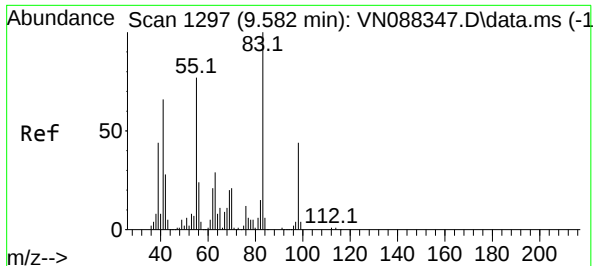
Tgt Ion: 43 Resp: 348320  
Ion Ratio Lower Upper  
43 100  
61 11.4 9.5 14.3  
70 9.0 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 54.622 ug/l  
RT: 8.341 min Scan# 1086  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 117 Resp: 262267  
Ion Ratio Lower Upper  
117 100  
119 93.2 78.2 117.4  
121 30.1 23.4 35.2





#39

Methylcyclohexane

Concen: 51.904 ug/l

RT: 9.576 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

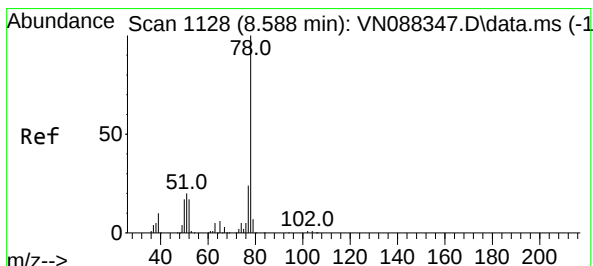
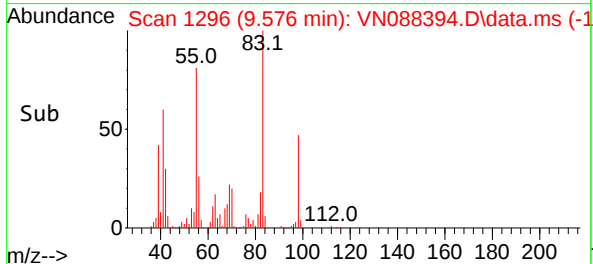
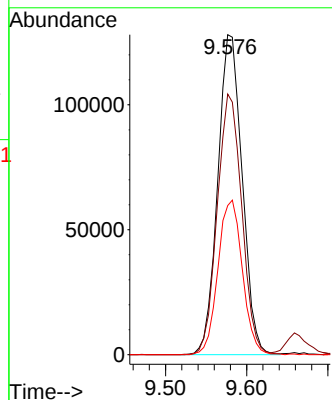
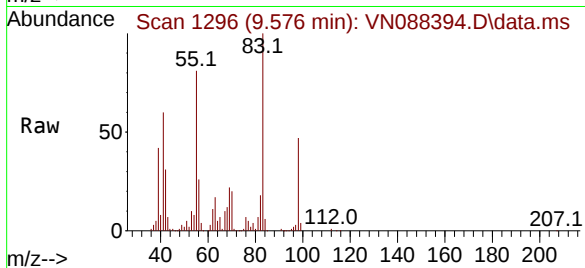
Tgt Ion: 83 Resp: 267781

Ion Ratio Lower Upper

83 100

55 81.4 61.6 92.4

98 46.6 35.3 52.9



#40

Benzene

Concen: 54.086 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088394.D

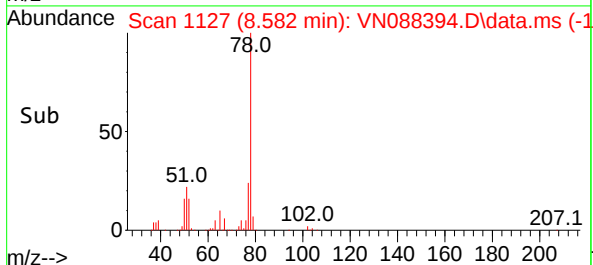
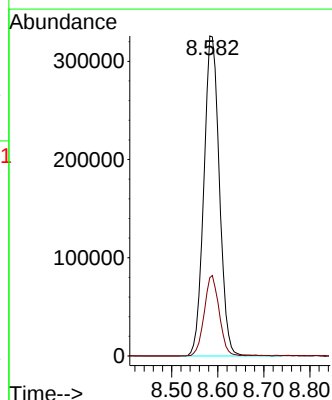
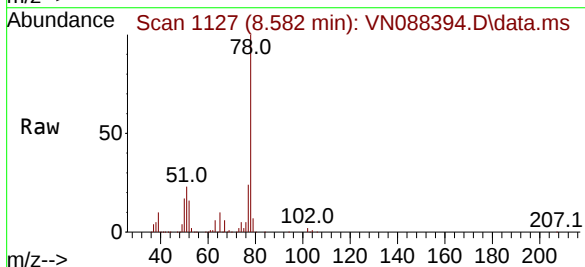
Acq: 01 Dec 2025 19:01

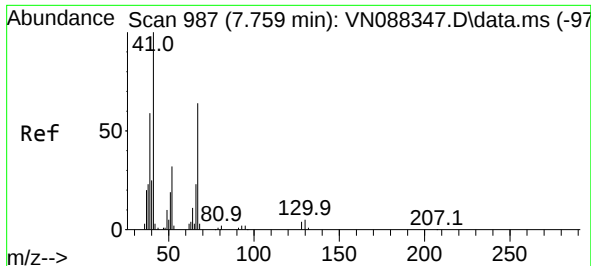
Tgt Ion: 78 Resp: 765654

Ion Ratio Lower Upper

78 100

77 24.5 19.0 28.4



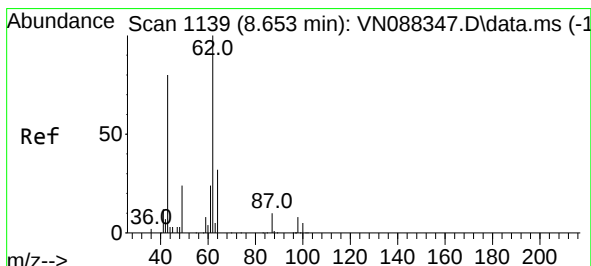
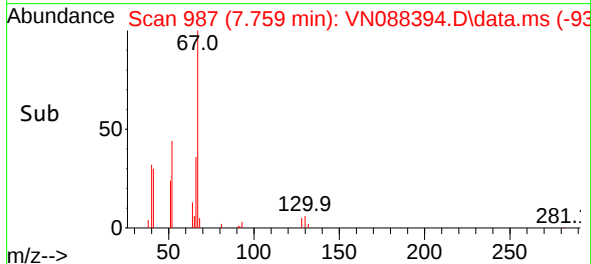
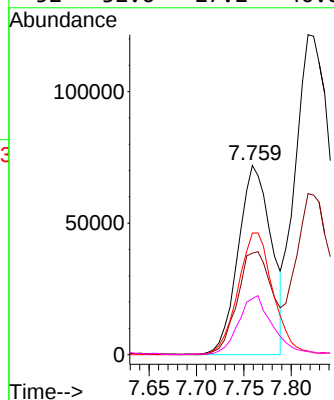
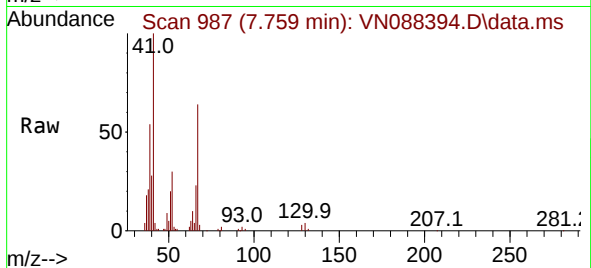


#41  
Methacrylonitrile  
Concen: 55.964 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

Tgt Ion: 41 Resp: 175790

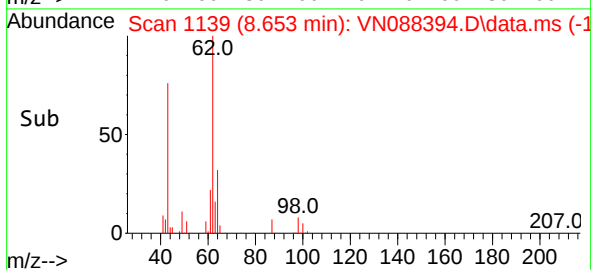
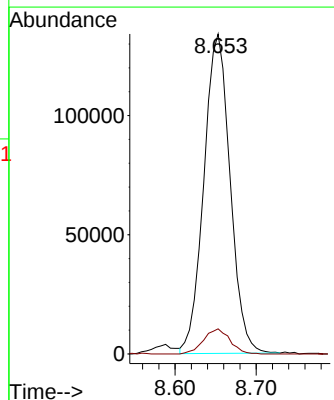
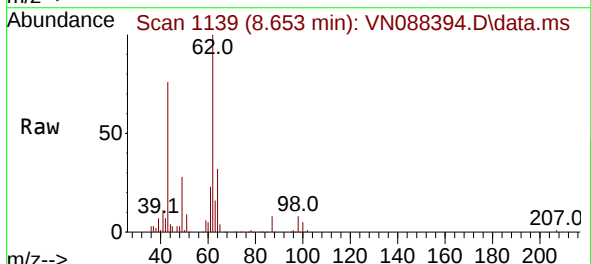
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 56.7  | 46.3  | 69.5  |
| 67  | 68.5  | 54.7  | 82.1  |
| 52  | 32.6  | 27.2  | 40.8  |

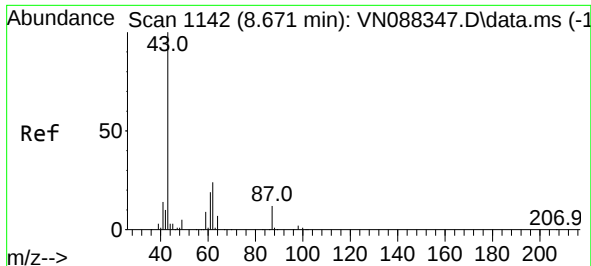


#42  
1,2-Dichloroethane  
Concen: 55.696 ug/l  
RT: 8.653 min Scan# 1139  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 62 Resp: 300814

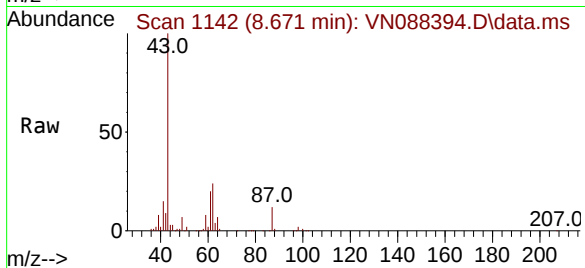
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 7.9   | 0.0   | 16.2  |



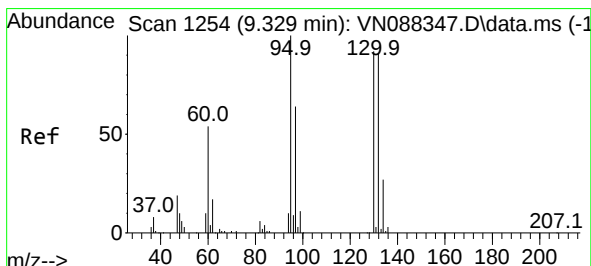
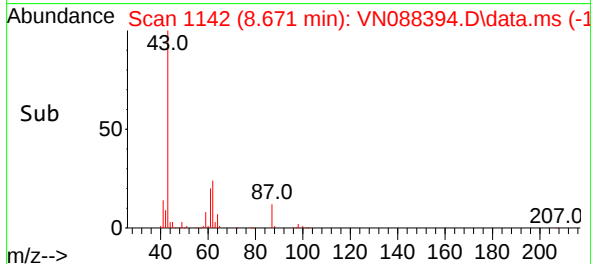
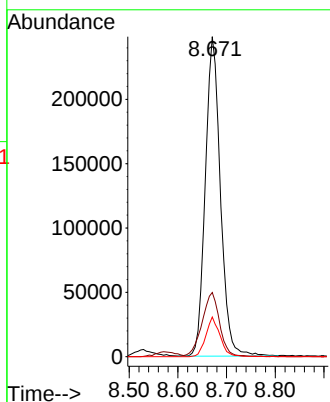


#43  
Isopropyl Acetate  
Concen: 55.159 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

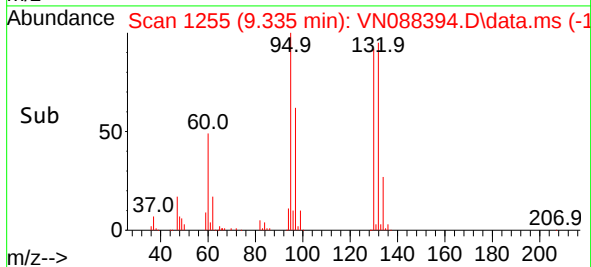
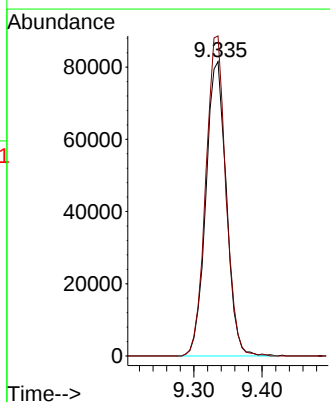
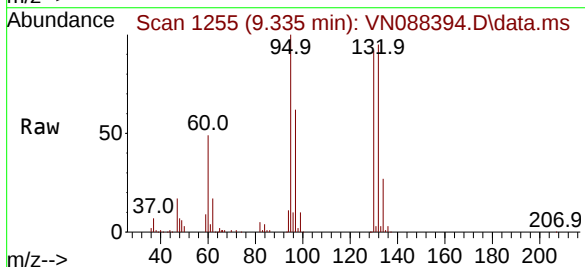


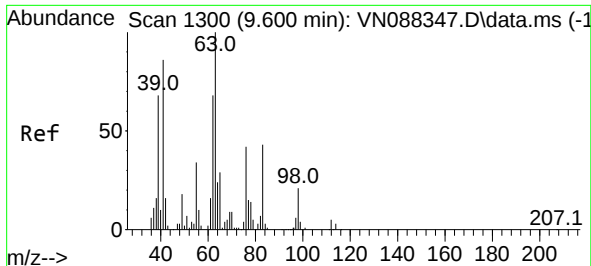
Tgt Ion: 43 Resp: 534479  
Ion Ratio Lower Upper  
43 100  
61 23.0 18.7 28.1  
87 11.6 9.1 13.7



#44  
Trichloroethene  
Concen: 50.916 ug/l  
RT: 9.335 min Scan# 1255  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion:130 Resp: 170310  
Ion Ratio Lower Upper  
130 100  
95 108.7 0.0 217.0





#45

1,2-Dichloropropane

Concen: 55.434 ug/l

RT: 9.600 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

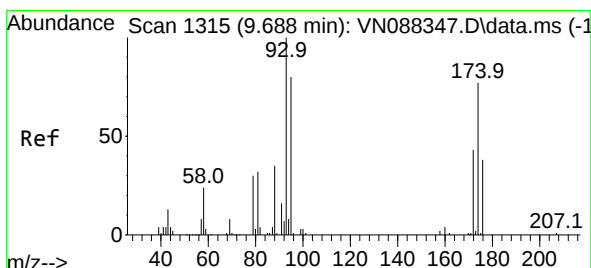
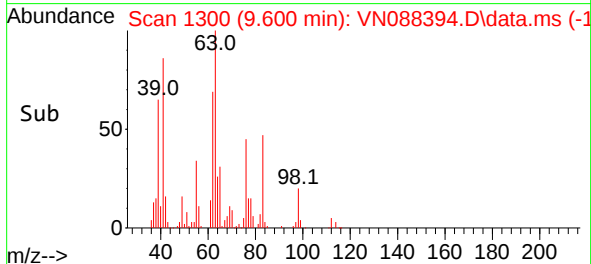
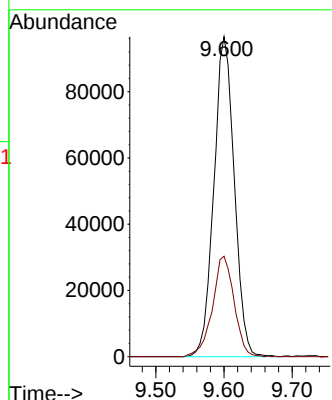
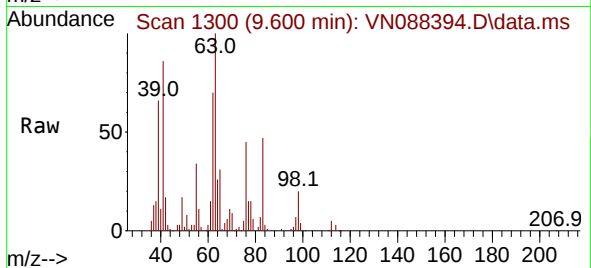
ClientSampleId :

Tgt Ion: 63 Resp: 201058

Ion Ratio Lower Upper

63 100

65 31.4 23.0 34.4



#46

Dibromomethane

Concen: 55.881 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

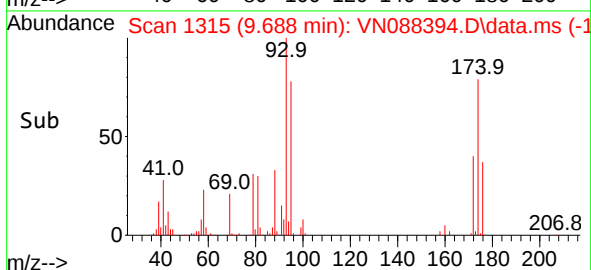
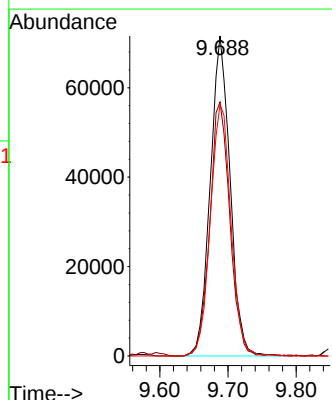
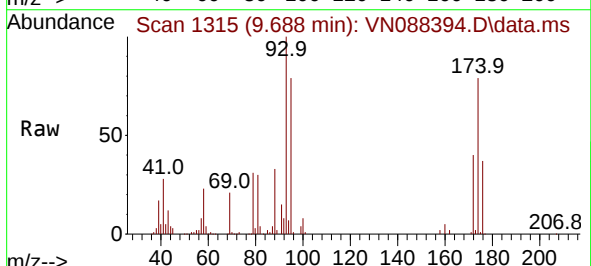
Tgt Ion: 93 Resp: 144642

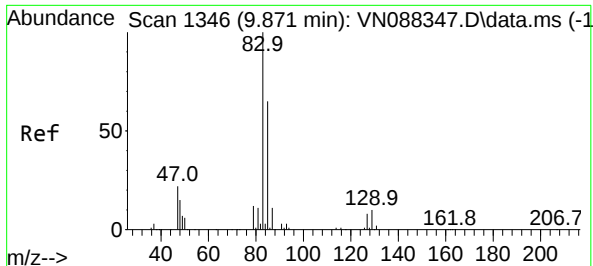
Ion Ratio Lower Upper

93 100

95 80.3 65.8 98.6

174 81.7 64.3 96.5

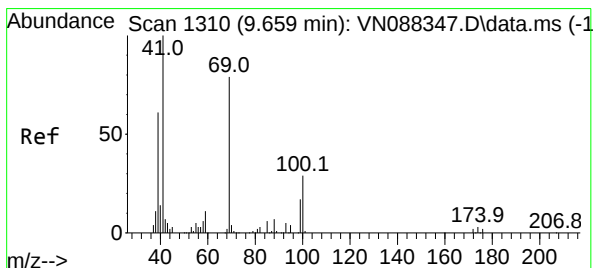
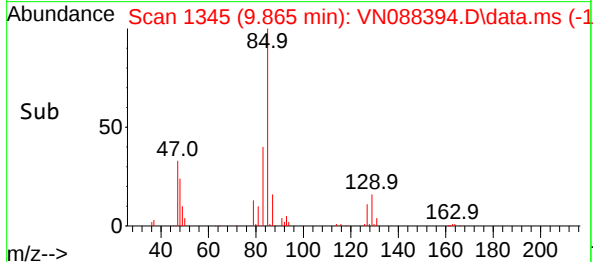
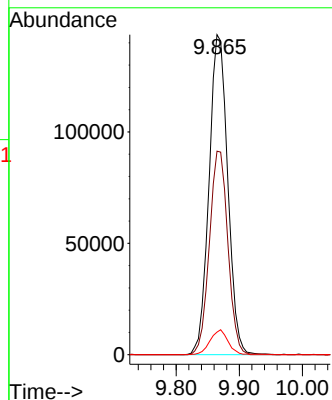
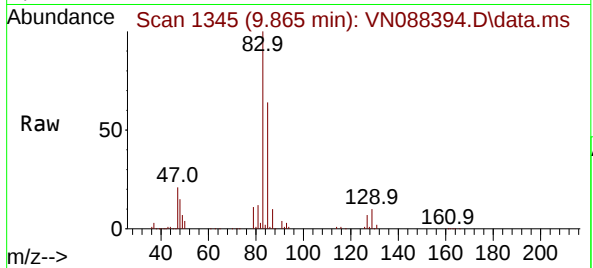




#47  
Bromodichloromethane  
Concen: 55.893 ug/l  
RT: 9.865 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

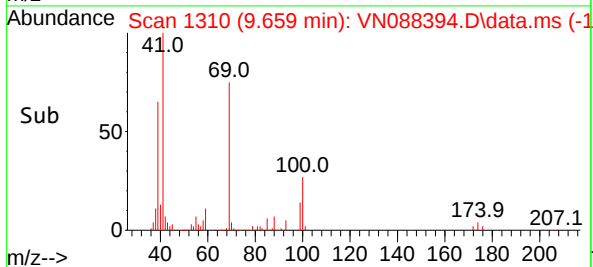
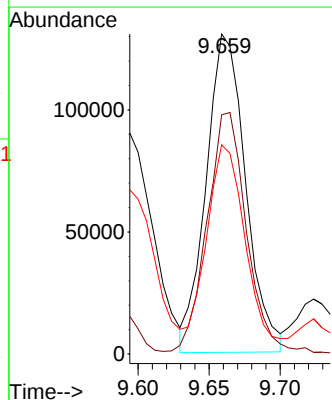
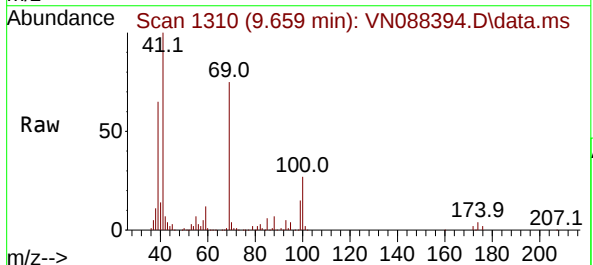
Instrument :  
MSVOA\_N  
ClientSampleId :

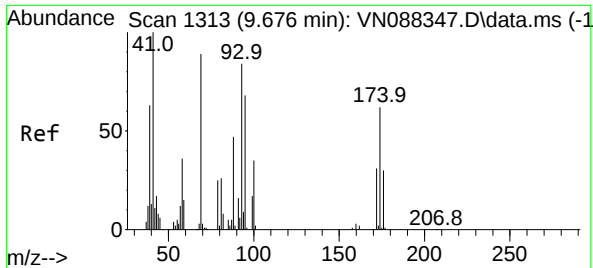
Tgt Ion: 83 Resp: 295192  
Ion Ratio Lower Upper  
83 100  
85 63.6 51.9 77.9  
127 7.0 6.3 9.5



#48  
Methyl methacrylate  
Concen: 57.148 ug/l  
RT: 9.659 min Scan# 1310  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 41 Resp: 252659  
Ion Ratio Lower Upper  
41 100  
69 75.9 62.4 93.6  
39 65.2 52.6 79.0

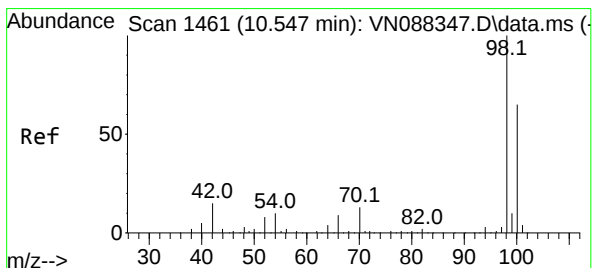
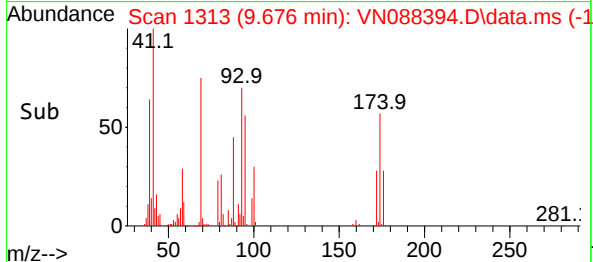
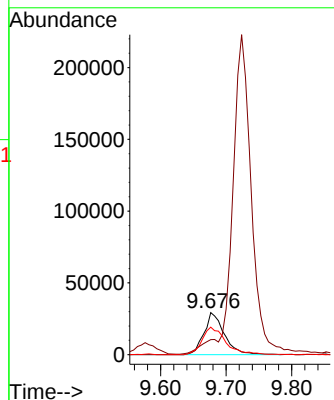
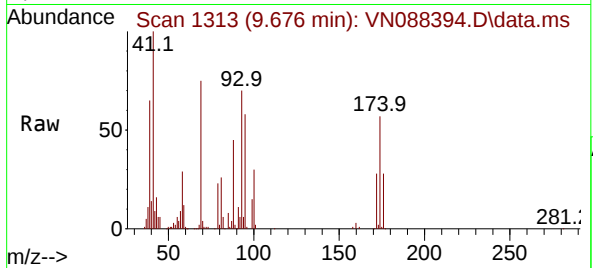




#49  
1,4-Dioxane  
Concen: 1124.656 ug/l  
RT: 9.676 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

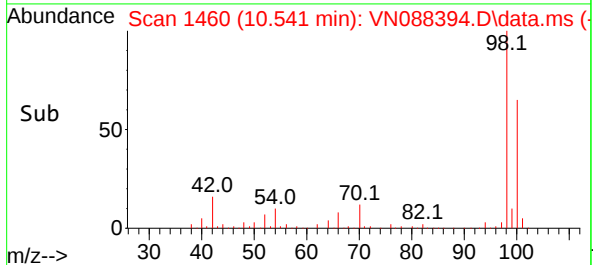
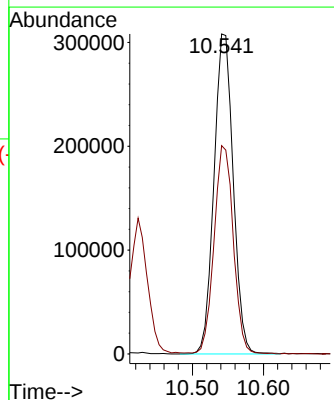
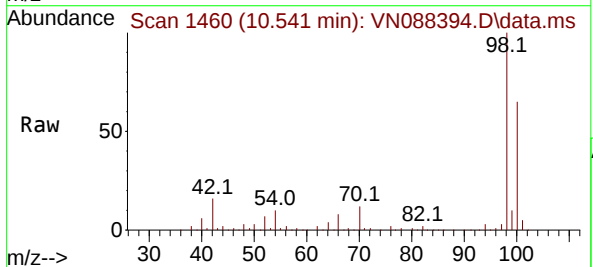
Instrument :  
MSVOA\_N  
ClientSampleId :

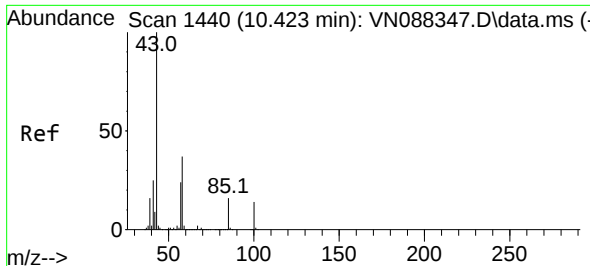
Tgt Ion: 88 Resp: 63234  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 75.7 62.0 93.0



#50  
Toluene-d8  
Concen: 49.746 ug/l  
RT: 10.541 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 98 Resp: 578462  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.2 78.2

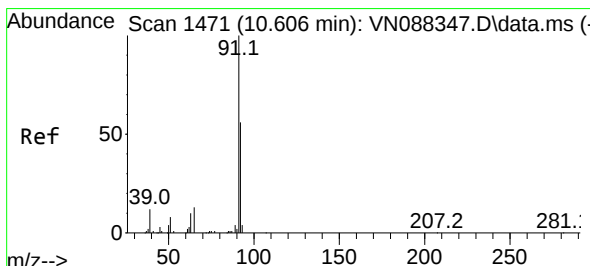
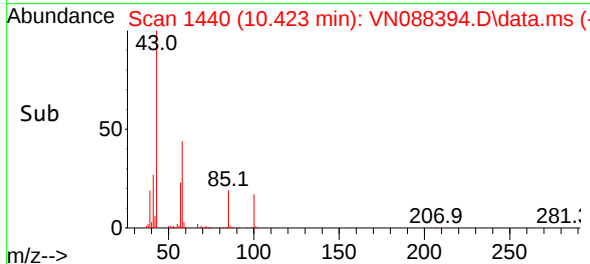
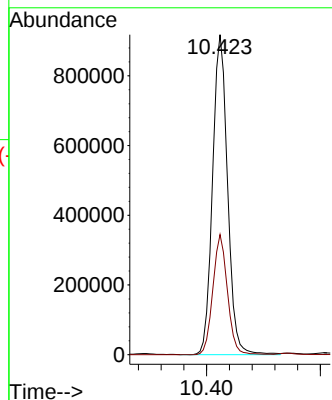
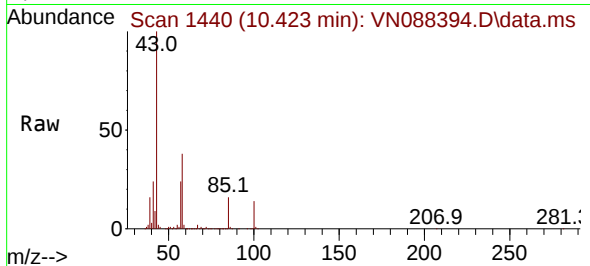




#51  
4-Methyl-2-Pentanone  
Concen: 293.831 ug/l  
RT: 10.423 min Scan# 1440  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

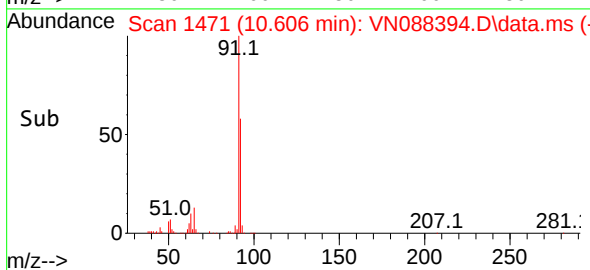
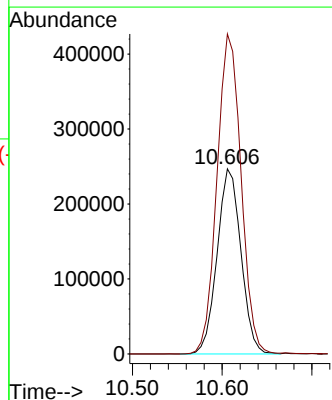
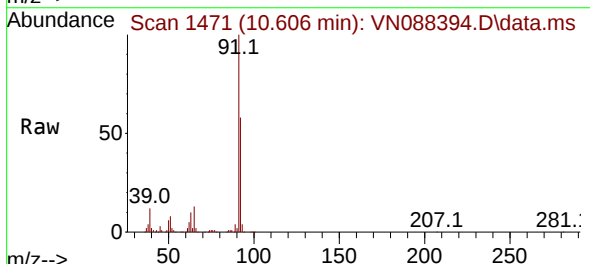
Instrument :  
MSVOA\_N  
ClientSampleId :

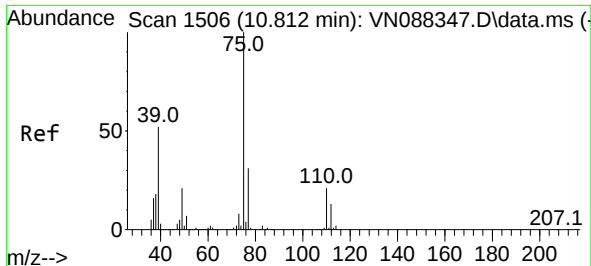
Tgt Ion: 43 Resp: 1678201  
Ion Ratio Lower Upper  
43 100  
58 36.5 29.1 43.7



#52  
Toluene  
Concen: 55.666 ug/l  
RT: 10.606 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

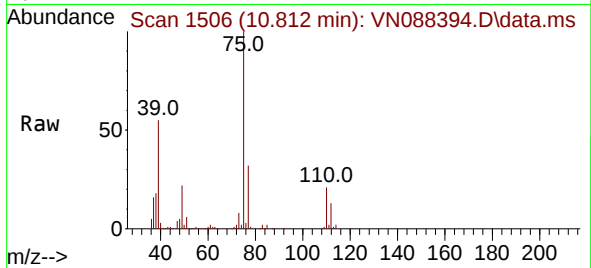
Tgt Ion: 92 Resp: 455018  
Ion Ratio Lower Upper  
92 100  
91 175.2 140.2 210.2



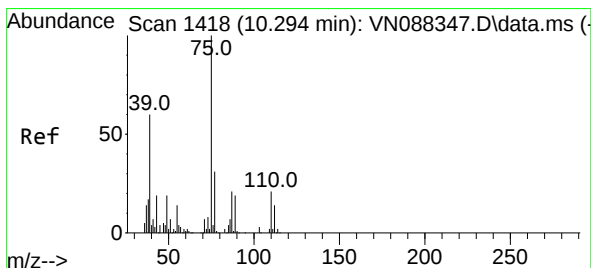
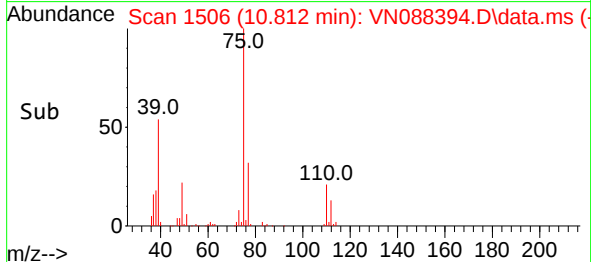
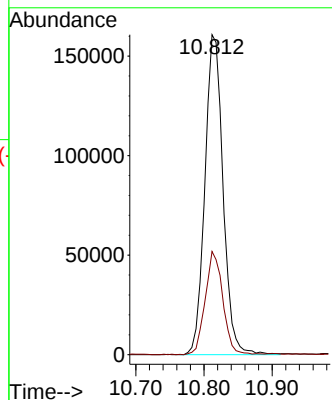


#53  
t-1,3-Dichloropropene  
Concen: 55.072 ug/l  
RT: 10.812 min Scan# 1506  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

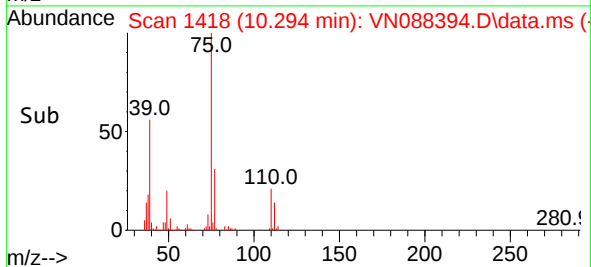
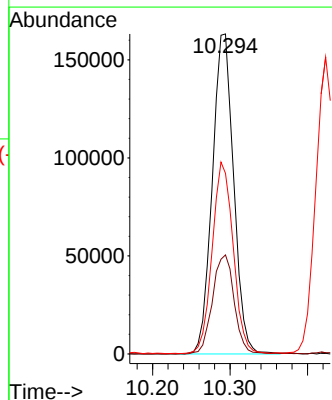
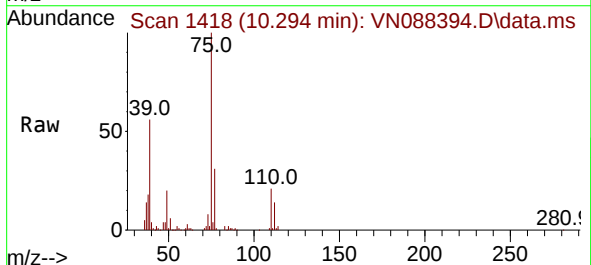


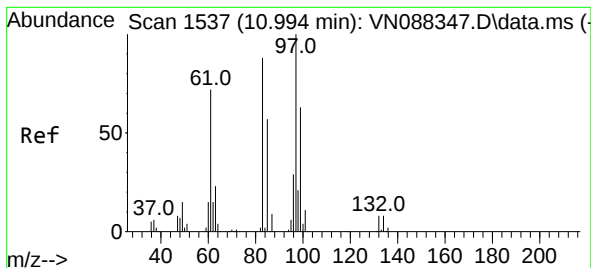
Tgt Ion: 75 Resp: 298548  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.8 37.2



#54  
cis-1,3-Dichloropropene  
Concen: 54.906 ug/l  
RT: 10.294 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 75 Resp: 313016  
Ion Ratio Lower Upper  
75 100  
77 30.8 24.5 36.7  
39 56.3 48.3 72.5

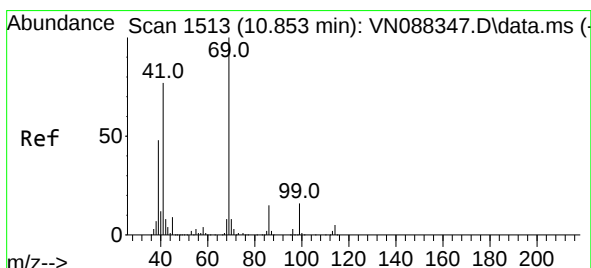
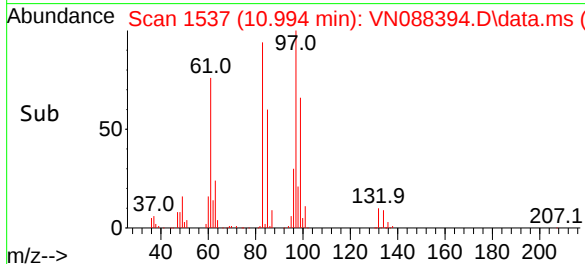
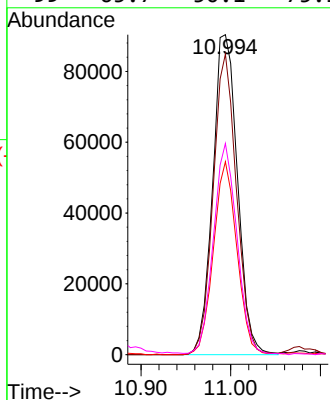
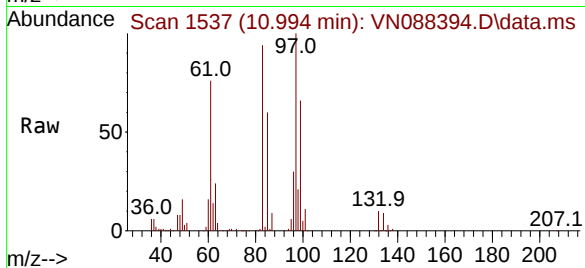




#55  
1,1,2-Trichloroethane  
Concen: 54.706 ug/l  
RT: 10.994 min Scan# 1537  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

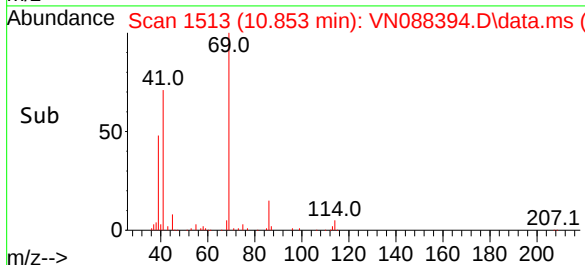
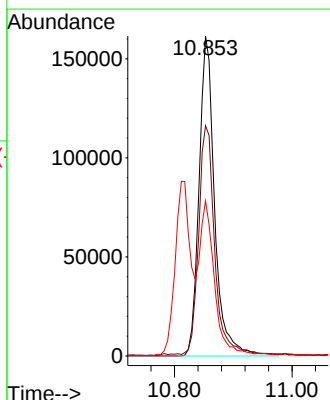
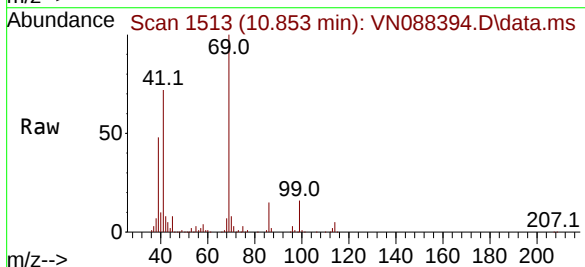
Instrument :  
MSVOA\_N  
ClientSampleId :

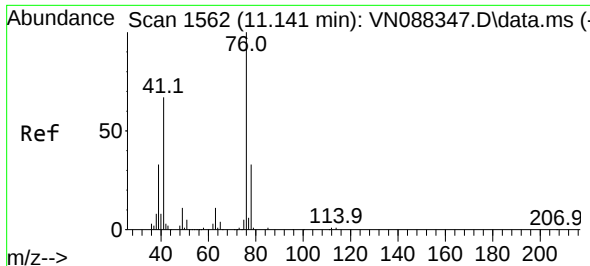
Tgt Ion: 97 Resp: 173012  
Ion Ratio Lower Upper  
97 100  
83 93.9 70.4 105.6  
85 60.3 45.4 68.2  
99 65.7 50.1 75.1



#56  
Ethyl methacrylate  
Concen: 59.708 ug/l  
RT: 10.853 min Scan# 1513  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 69 Resp: 298277  
Ion Ratio Lower Upper  
69 100  
41 73.2 59.6 89.4  
39 44.6 36.4 54.6

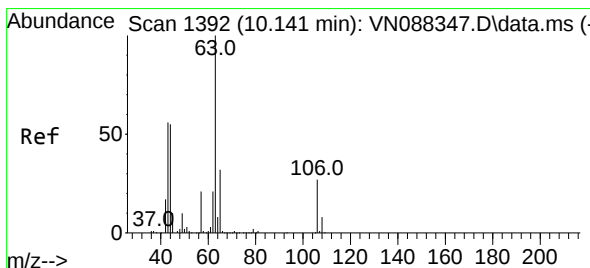
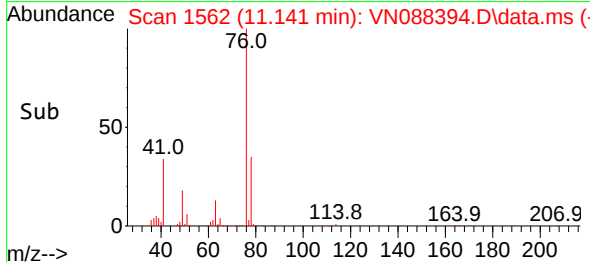
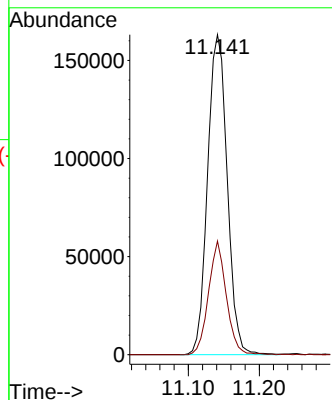
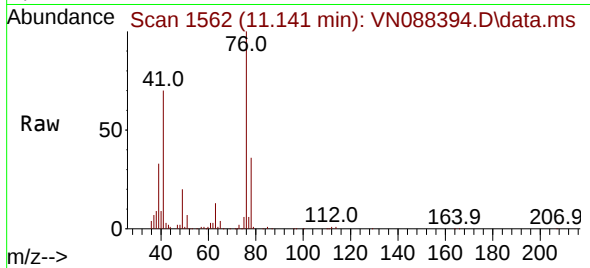




#57  
1,3-Dichloropropane  
Concen: 54.898 ug/l  
RT: 11.141 min Scan# 111  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

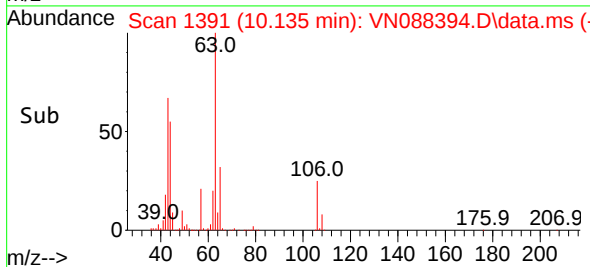
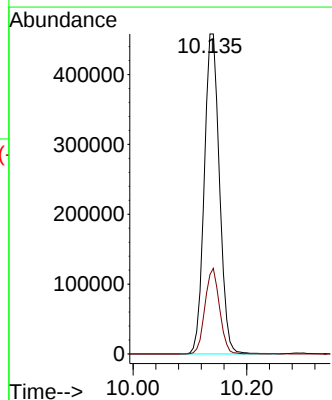
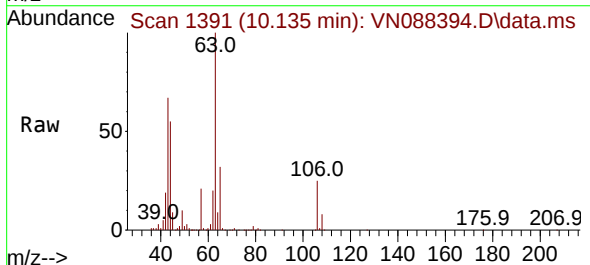
Instrument :  
MSVOA\_N  
ClientSampleId :

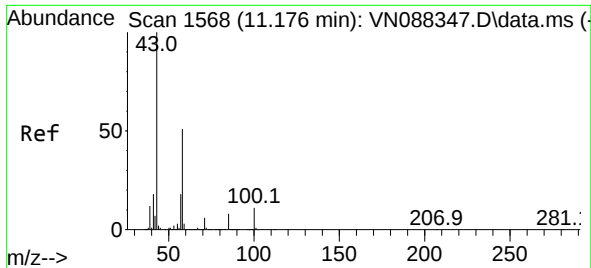
Tgt Ion: 76 Resp: 313209  
Ion Ratio Lower Upper  
76 100  
78 32.2 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 294.909 ug/l  
RT: 10.135 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 63 Resp: 849351  
Ion Ratio Lower Upper  
63 100  
106 25.6 20.5 30.7

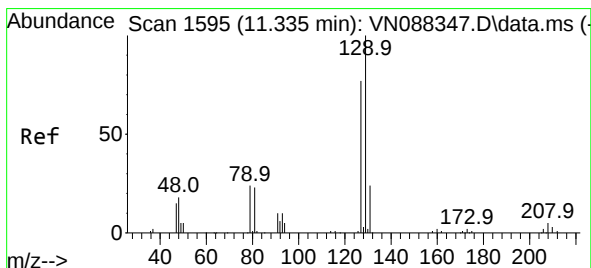
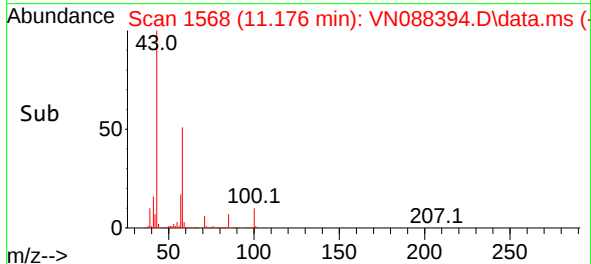
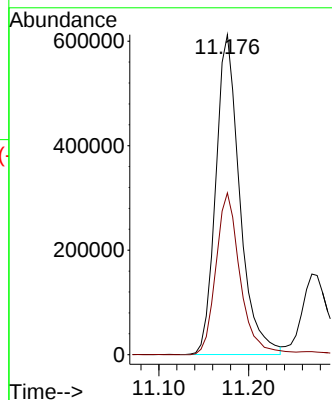
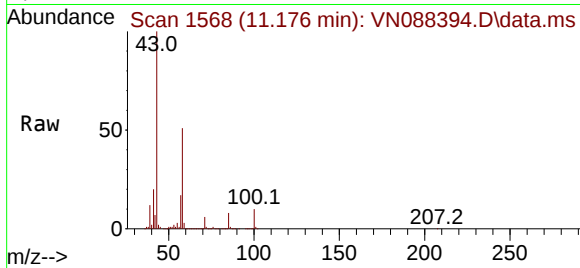




#59  
2-Hexanone  
Concen: 315.614 ug/l  
RT: 11.176 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

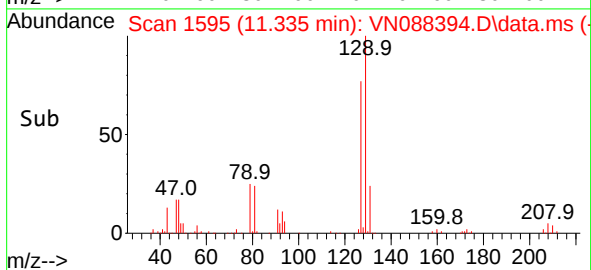
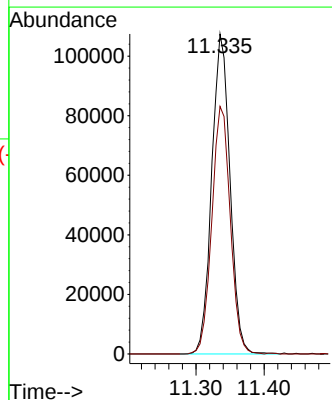
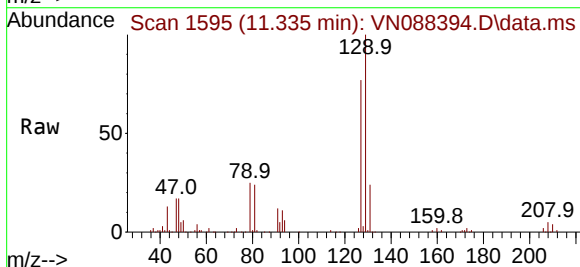
Instrument :  
MSVOA\_N  
ClientSampleId :

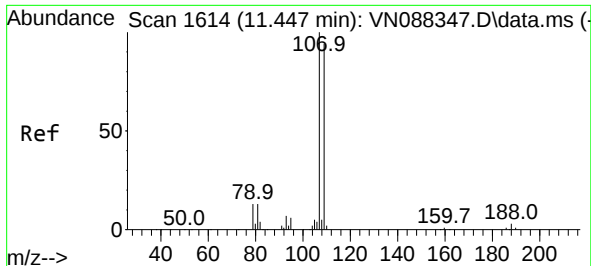
Tgt Ion: 43 Resp: 1135566  
Ion Ratio Lower Upper  
43 100  
58 51.1 25.3 75.9



#60  
Dibromochloromethane  
Concen: 55.592 ug/l  
RT: 11.335 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion:129 Resp: 200424  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.2 114.6

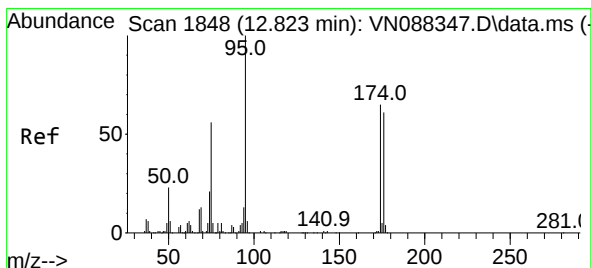
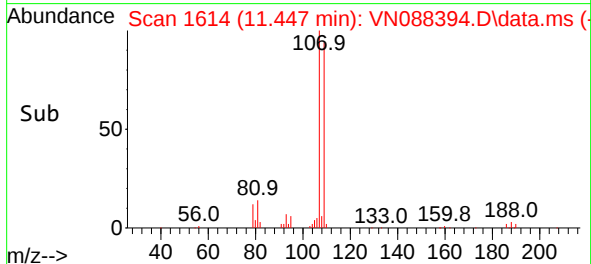
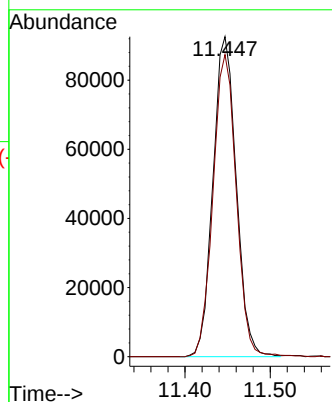
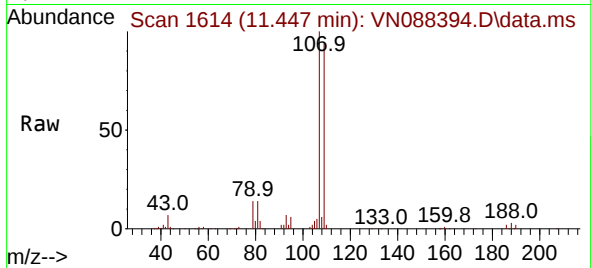




#61  
1,2-Dibromoethane  
Concen: 54.980 ug/l  
RT: 11.447 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

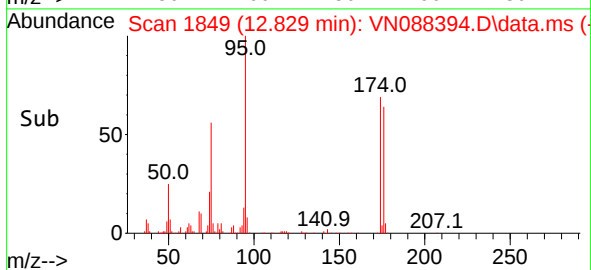
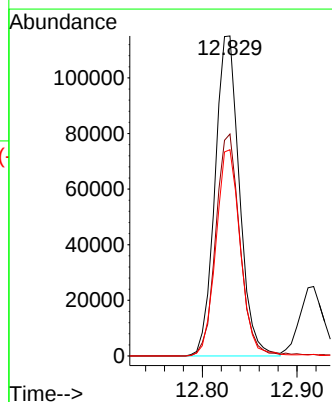
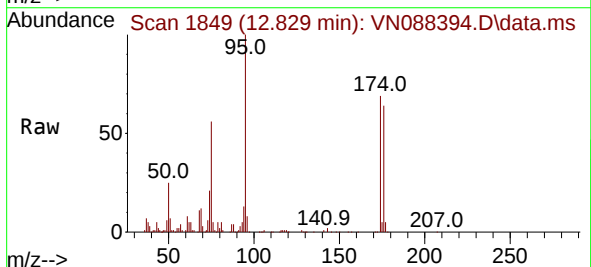
Instrument :  
MSVOA\_N  
ClientSampleId :

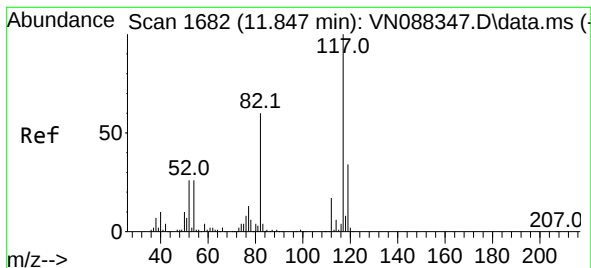
Tgt Ion:107 Resp: 176077  
Ion Ratio Lower Upper  
107 100  
109 94.3 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 51.789 ug/l  
RT: 12.829 min Scan# 1849  
Delta R.T. 0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 95 Resp: 206631  
Ion Ratio Lower Upper  
95 100  
174 68.1 0.0 139.0  
176 64.6 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

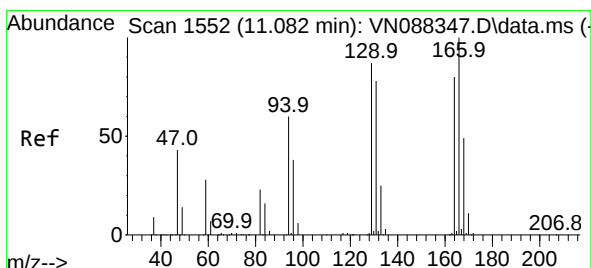
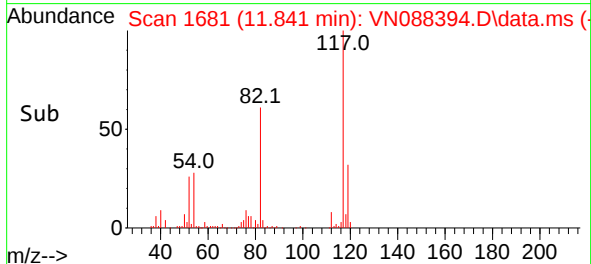
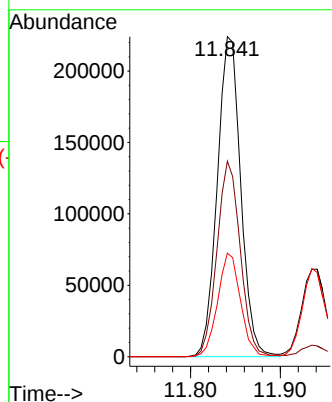
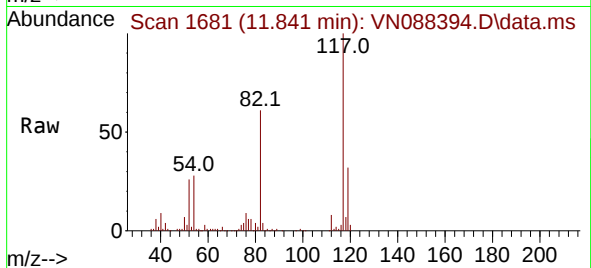
Tgt Ion:117 Resp: 407920

Ion Ratio Lower Upper

117 100

82 61.1 47.8 71.8

119 32.4 26.9 40.3



#64

Tetrachloroethene

Concen: 47.082 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Tgt Ion:164 Resp: 152255

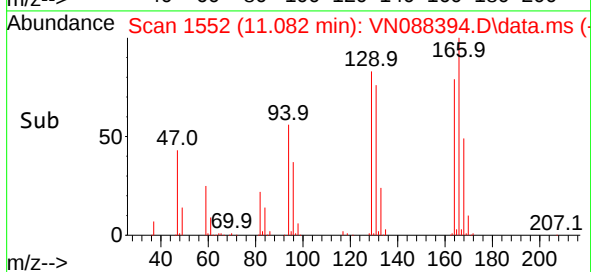
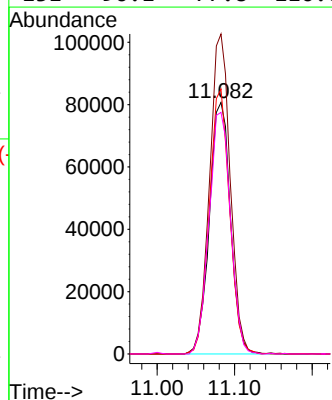
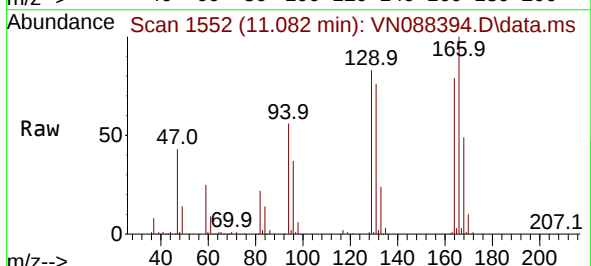
Ion Ratio Lower Upper

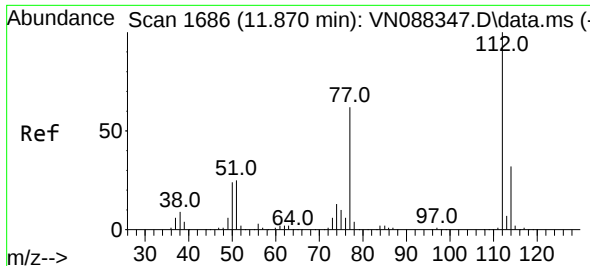
164 100

166 127.2 99.6 149.4

129 105.3 86.6 129.8

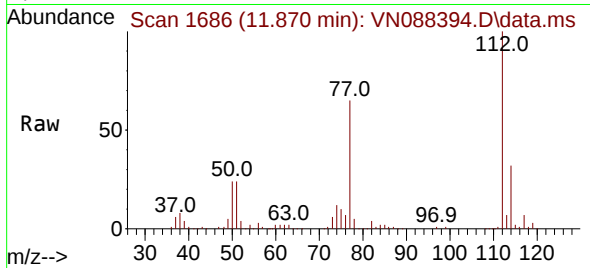
131 96.1 77.8 116.6



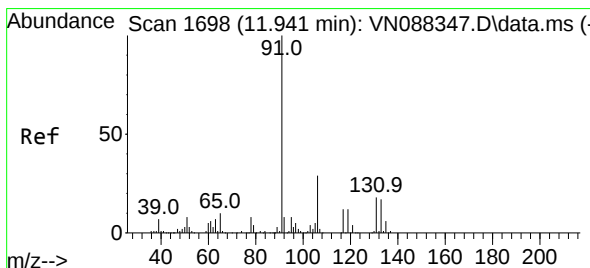
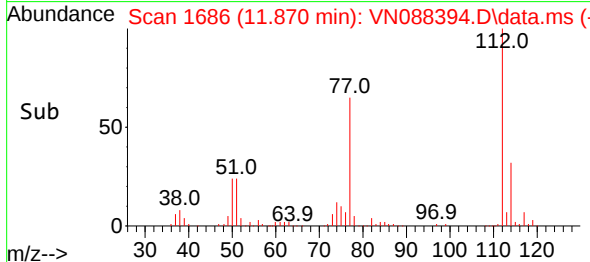
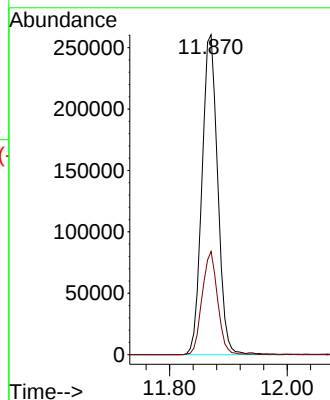


#65  
Chlorobenzene  
Concen: 52.998 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Instrument :  
MSVOA\_N  
ClientSampleId :

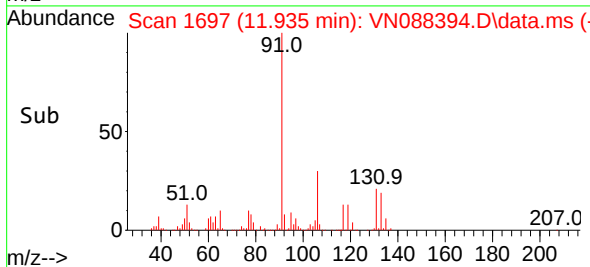
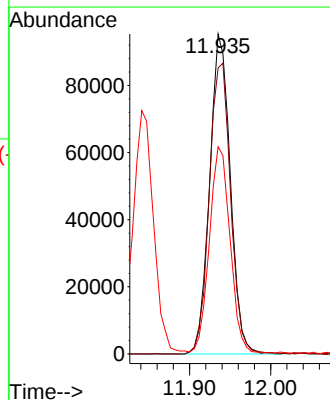
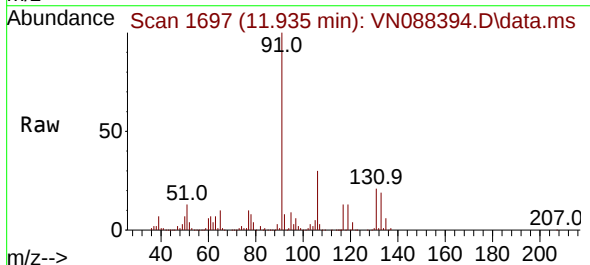


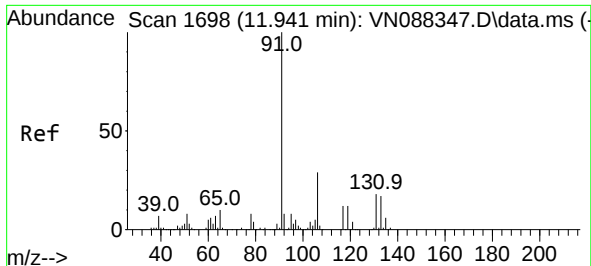
Tgt Ion:112 Resp: 485608  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.444 ug/l  
RT: 11.935 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion:131 Resp: 168248  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.4 142.2  
119 64.7 33.4 100.1





#67

Ethyl Benzene

Concen: 54.260 ug/l

RT: 11.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

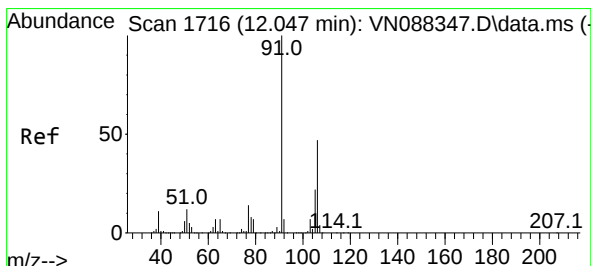
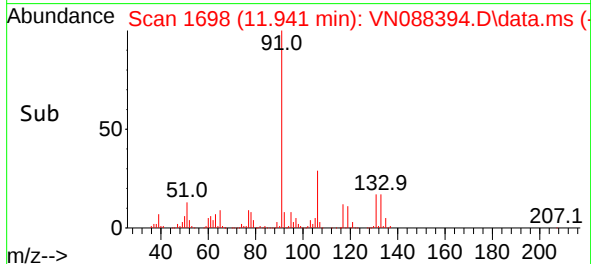
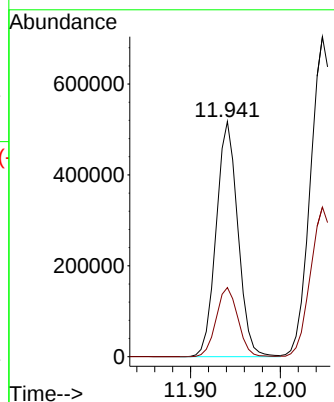
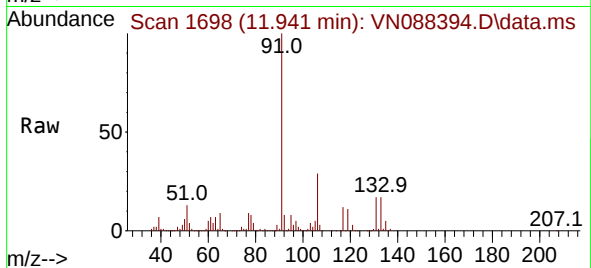
ClientSampleId :

Tgt Ion: 91 Resp: 868953

Ion Ratio Lower Upper

91 100

106 29.4 23.6 35.4



#68

m/p-Xylenes

Concen: 108.634 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VN088394.D

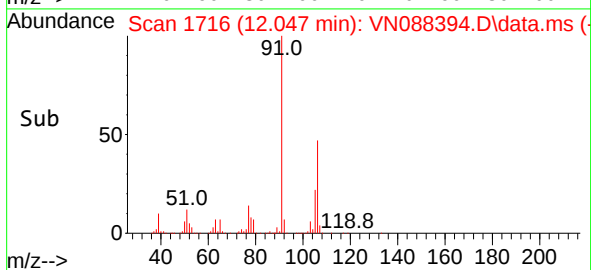
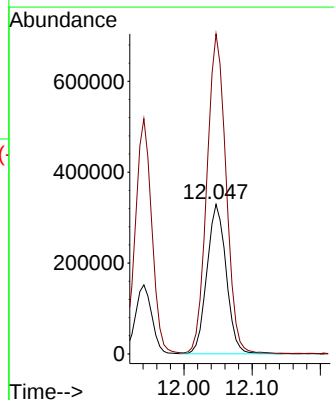
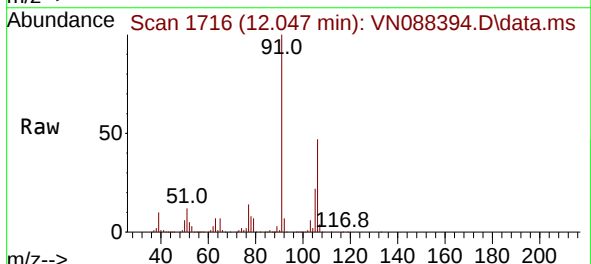
Acq: 01 Dec 2025 19:01

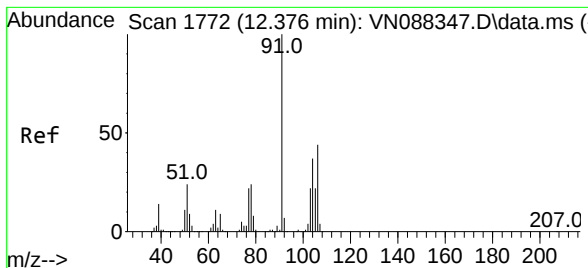
Tgt Ion:106 Resp: 645030

Ion Ratio Lower Upper

106 100

91 213.5 167.8 251.6

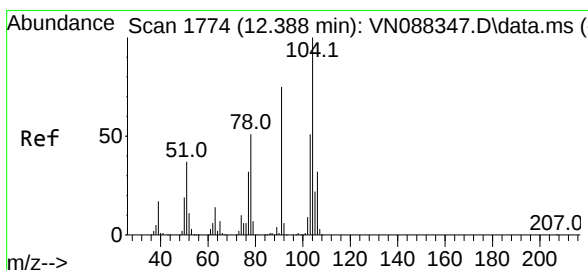
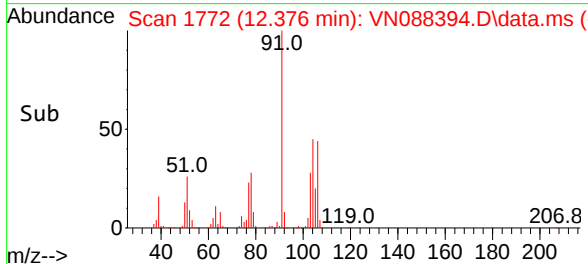
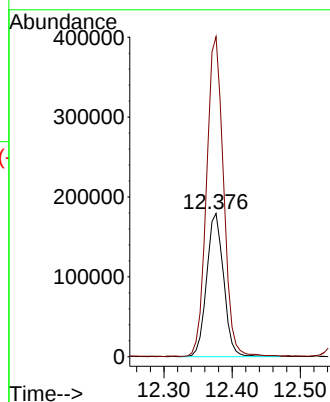
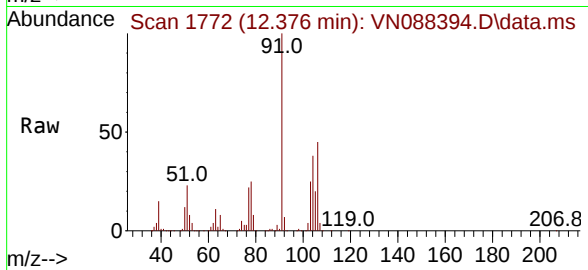




#69  
o-Xylene  
Concen: 54.953 ug/l  
RT: 12.376 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

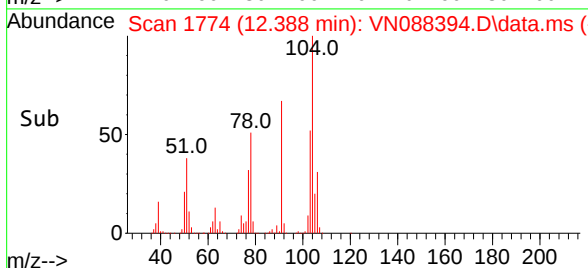
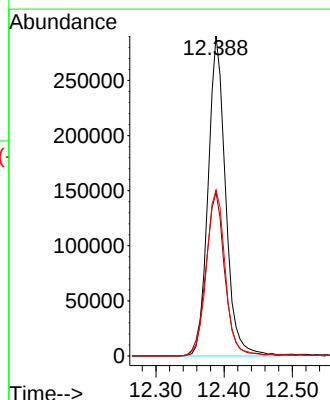
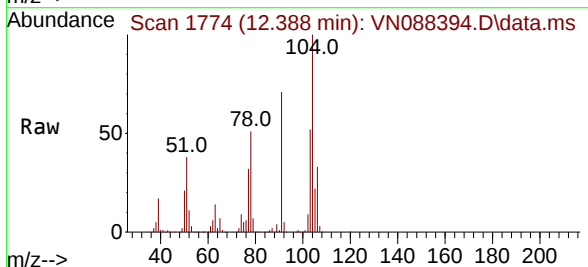
Instrument :  
MSVOA\_N  
ClientSampleId :

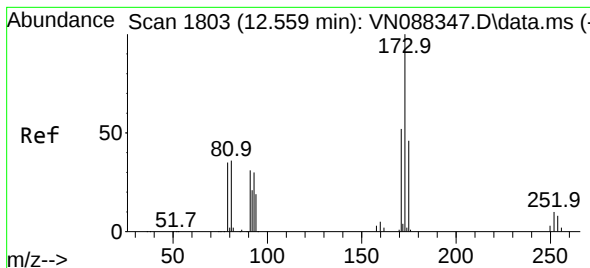
Tgt Ion:106 Resp: 311073  
Ion Ratio Lower Upper  
106 100  
91 223.2 112.9 338.7



#70  
Styrene  
Concen: 56.339 ug/l  
RT: 12.388 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion:104 Resp: 517835  
Ion Ratio Lower Upper  
104 100  
78 55.6 44.3 66.5  
103 56.0 44.2 66.4





#71

Bromoform

Concen: 55.719 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

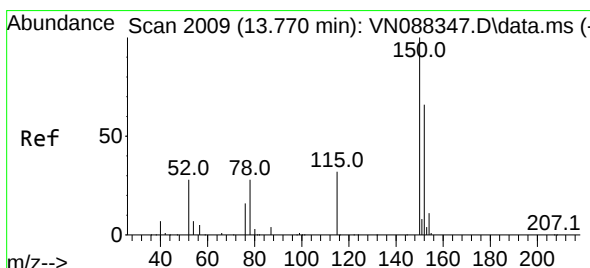
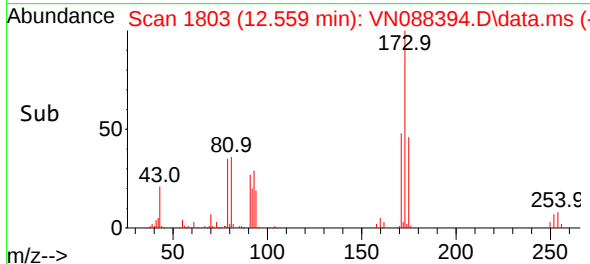
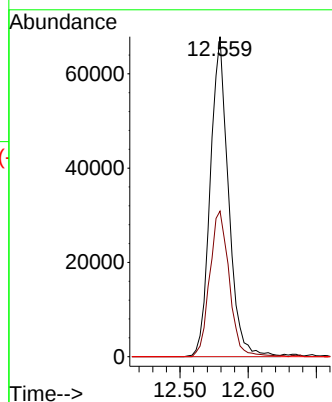
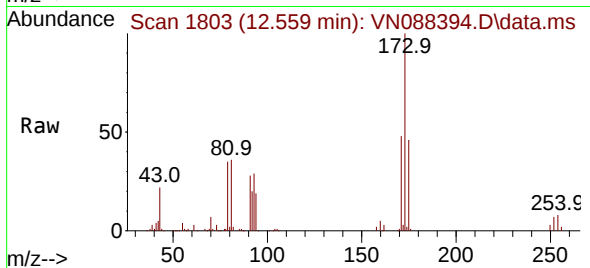
Tgt Ion:173 Resp: 126121

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

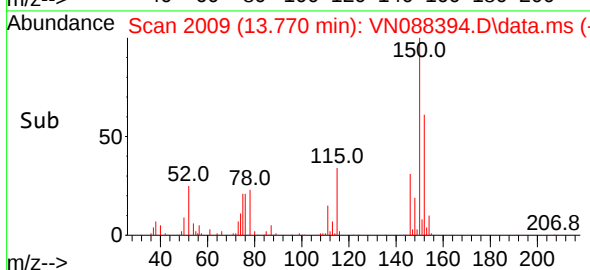
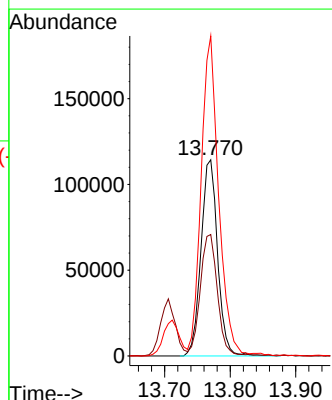
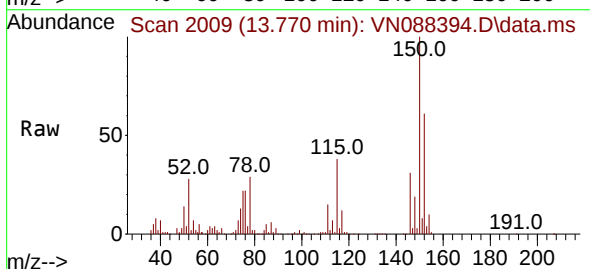
Tgt Ion:152 Resp: 202162

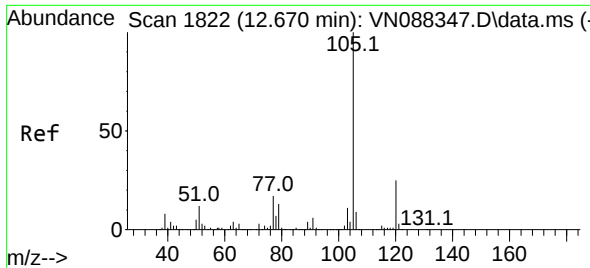
Ion Ratio Lower Upper

152 100

115 64.3 33.0 98.9

150 171.1 0.0 349.0

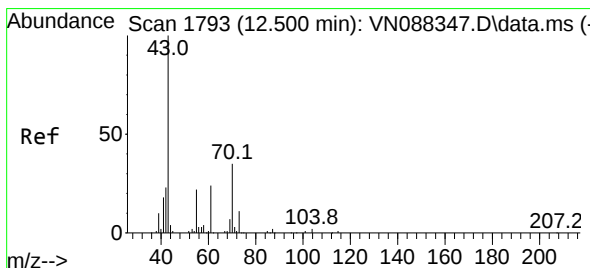
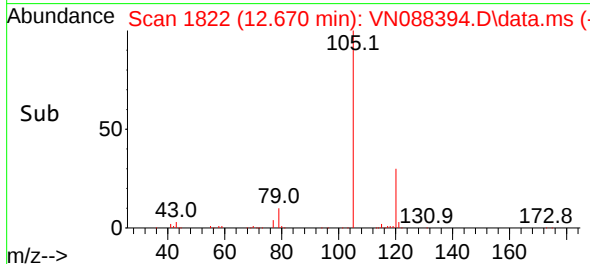
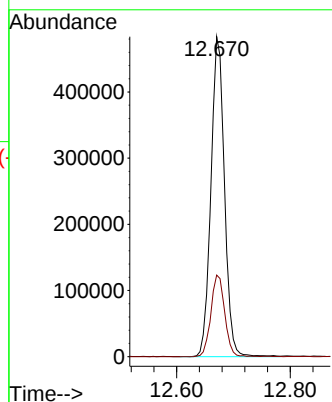
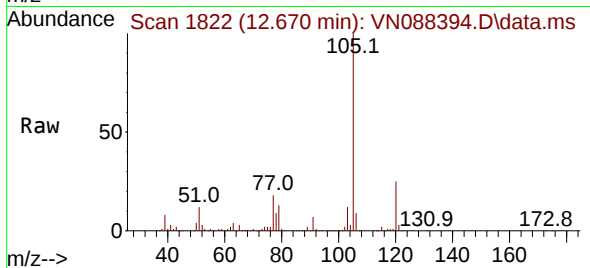




#73  
Isopropylbenzene  
Concen: 53.343 ug/l  
RT: 12.670 min Scan# 1822  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

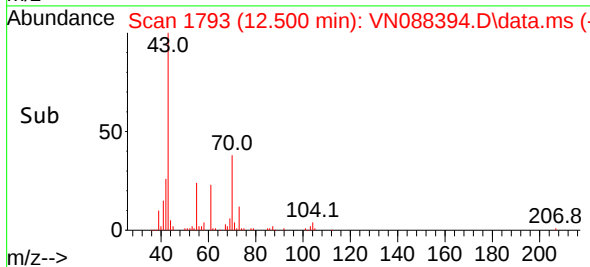
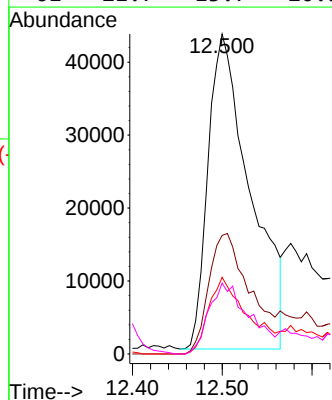
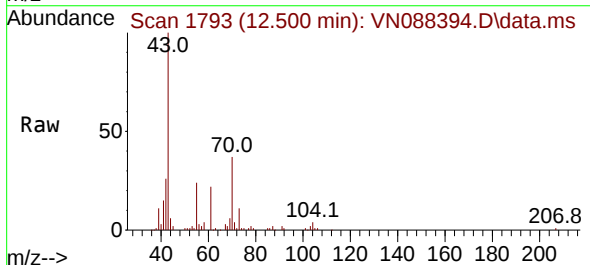
Instrument :  
MSVOA\_N  
ClientSampleId :

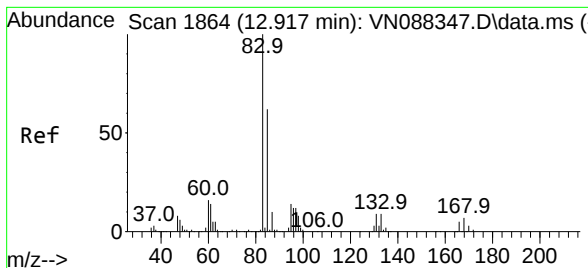
Tgt Ion:105 Resp: 797342  
Ion Ratio Lower Upper  
105 100  
120 26.0 12.8 38.3



#74  
N-ethyl acetate  
Concen: 27.764 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 43 Resp: 141333  
Ion Ratio Lower Upper  
43 100  
70 37.6 28.3 42.5  
55 22.5 17.7 26.5  
61 21.7 13.7 20.5#

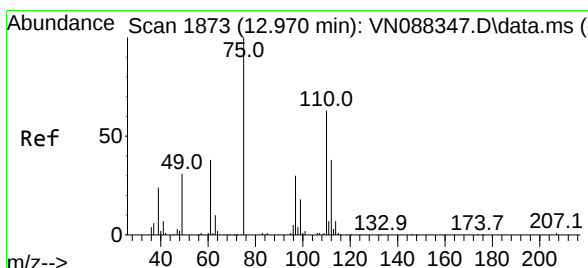
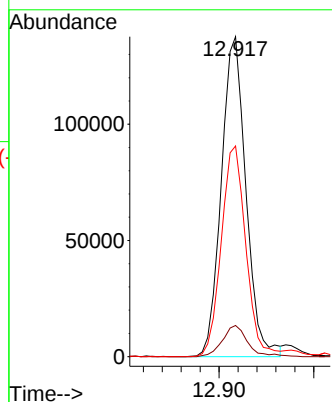
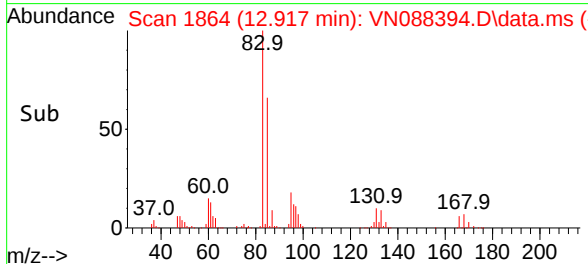
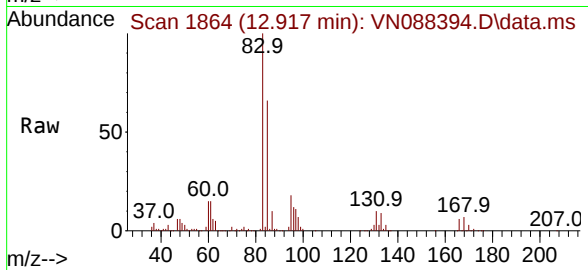




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 51.487 ug/l  
 RT: 12.917 min Scan# 1864  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

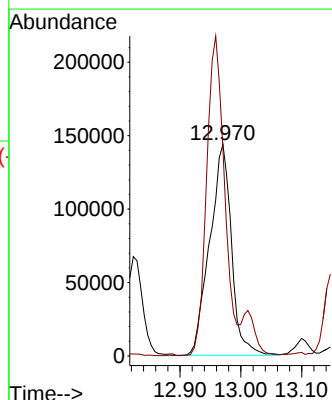
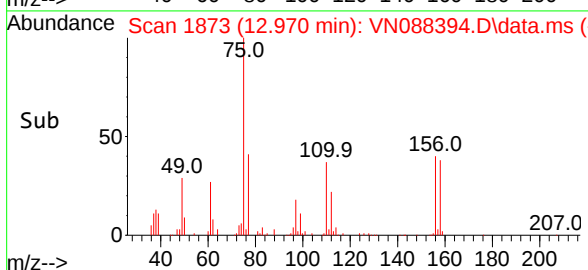
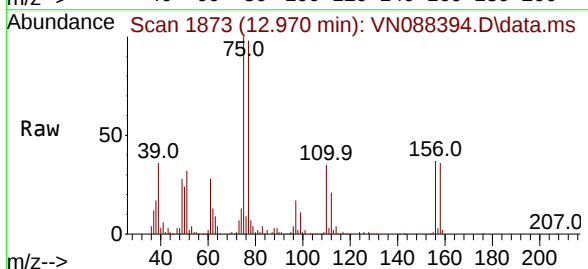
Instrument :  
 MSVOA\_N  
 ClientSampleId :

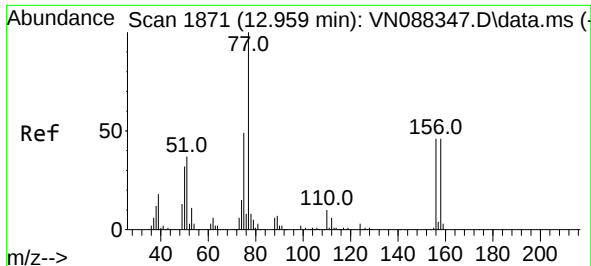
Tgt Ion: 83 Resp: 248802  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 4.8 14.4  
 85 65.6 32.1 96.5



#76  
 1,2,3-Trichloropropane  
 Concen: 75.277 ug/l  
 RT: 12.970 min Scan# 1873  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Tgt Ion: 75 Resp: 356436  
 Ion Ratio Lower Upper  
 75 100  
 77 123.7 87.2 261.6

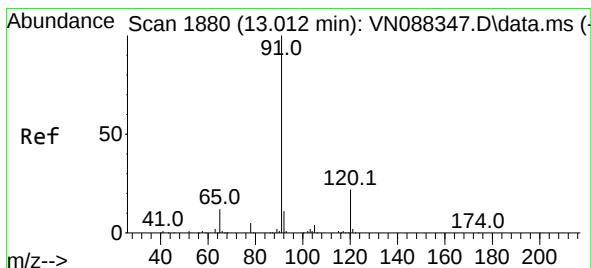
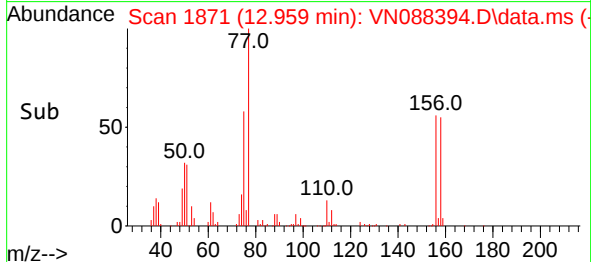
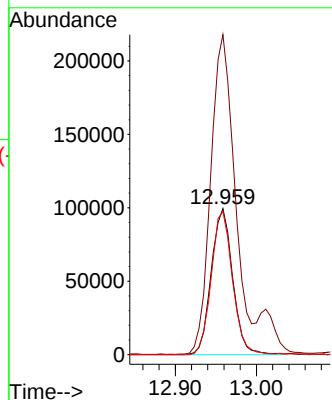
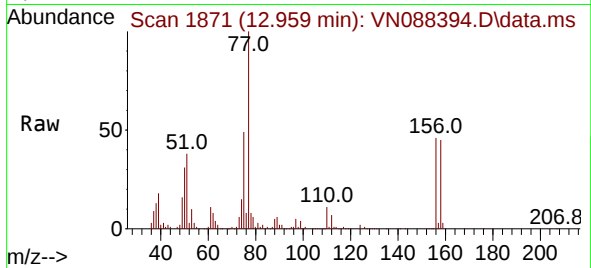




#77  
Bromobenzene  
Concen: 53.415 ug/l  
RT: 12.959 min Scan# 1871  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

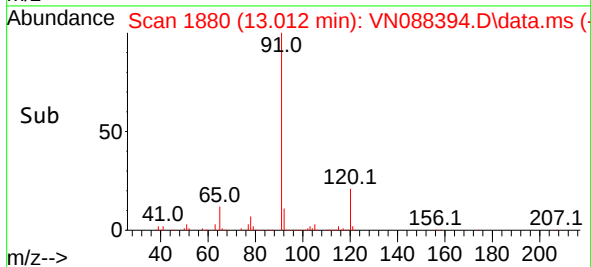
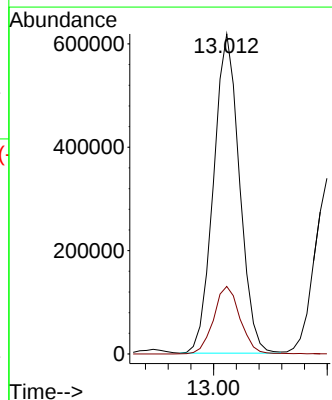
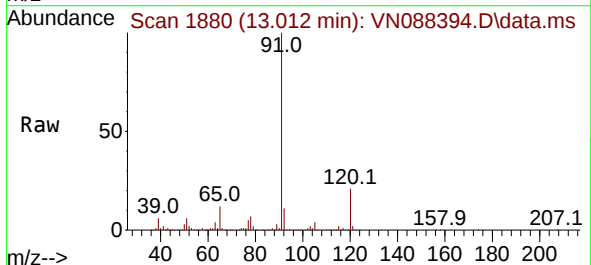
Instrument :  
MSVOA\_N  
ClientSampleId :

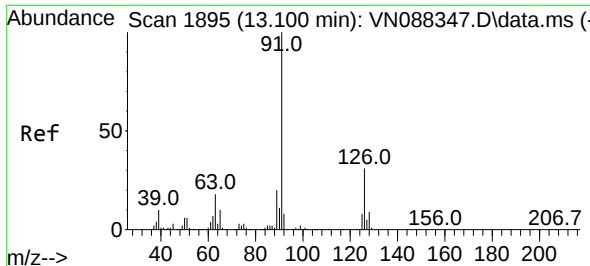
Tgt Ion:156 Resp: 182681  
Ion Ratio Lower Upper  
156 100  
77 241.3 121.6 364.7  
158 97.0 48.6 145.8



#78  
n-propylbenzene  
Concen: 53.591 ug/l  
RT: 13.012 min Scan# 1880  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 91 Resp: 979990  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.6

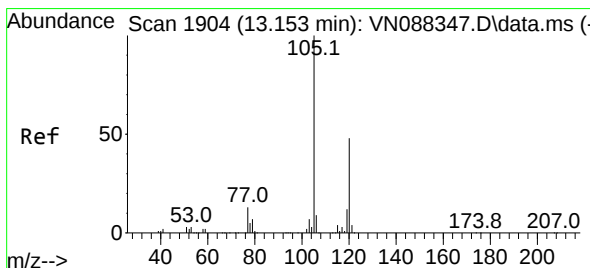
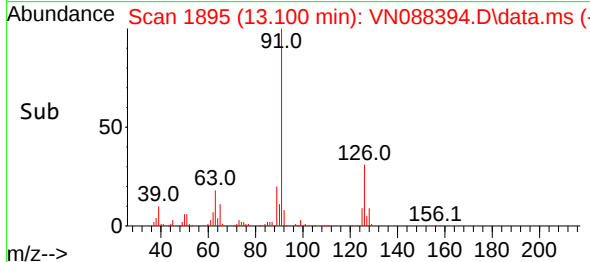
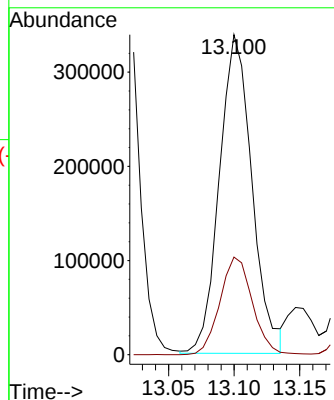
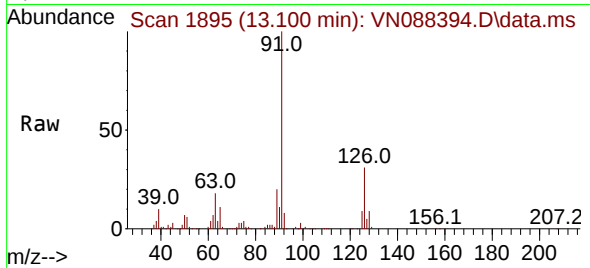




#79  
2-Chlorotoluene  
Concen: 52.291 ug/l  
RT: 13.100 min Scan# 1895  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

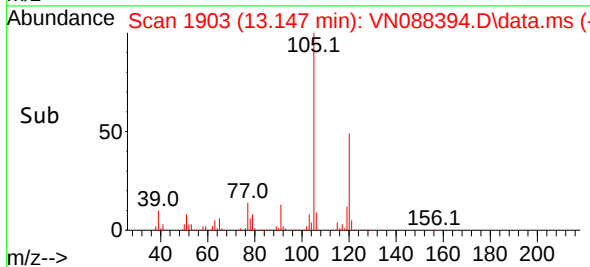
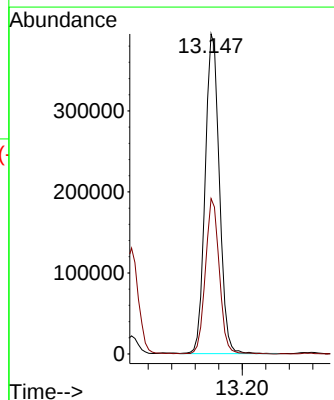
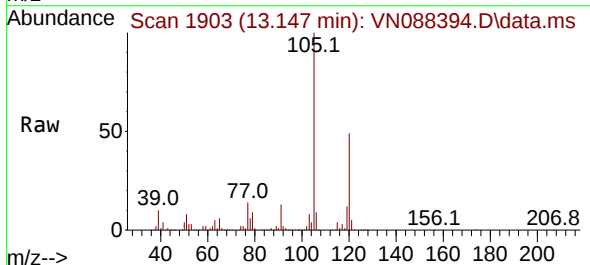
Instrument :  
MSVOA\_N  
ClientSampleId :

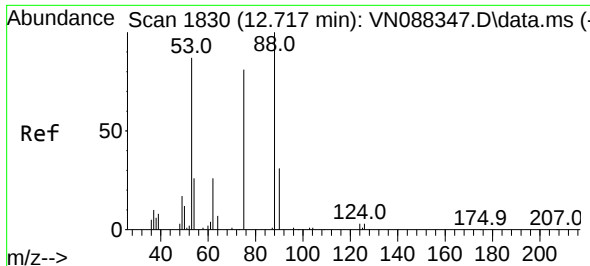
Tgt Ion: 91 Resp: 583933  
Ion Ratio Lower Upper  
91 100  
126 30.6 15.3 45.9



#80  
1,3,5-Trimethylbenzene  
Concen: 53.380 ug/l  
RT: 13.147 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 105 Resp: 661166  
Ion Ratio Lower Upper  
105 100  
120 47.6 23.8 71.5

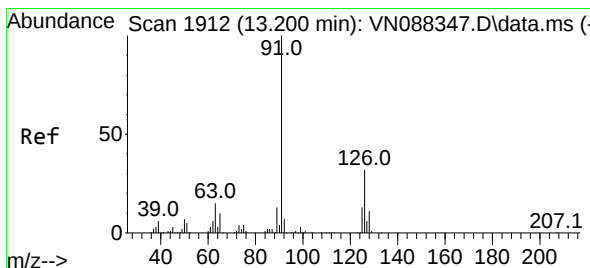
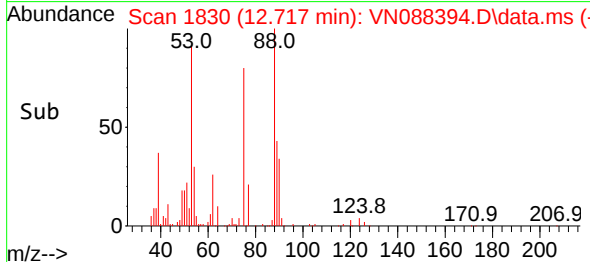
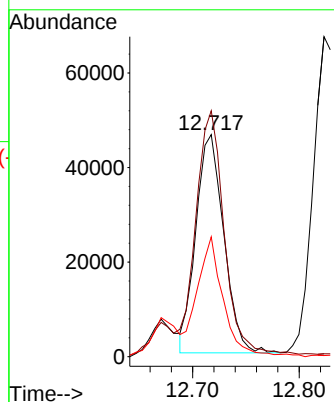
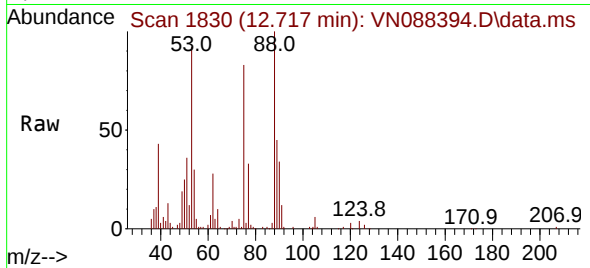




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.505 ug/l  
RT: 12.717 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

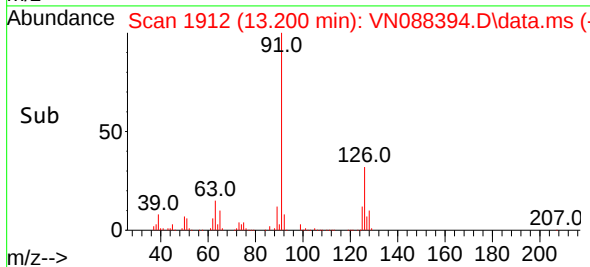
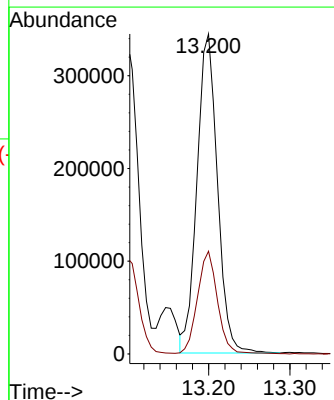
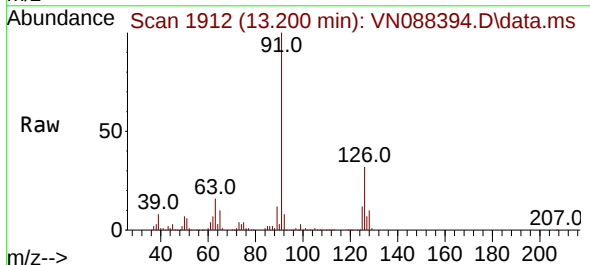
Instrument :  
MSVOA\_N  
ClientSampleId :

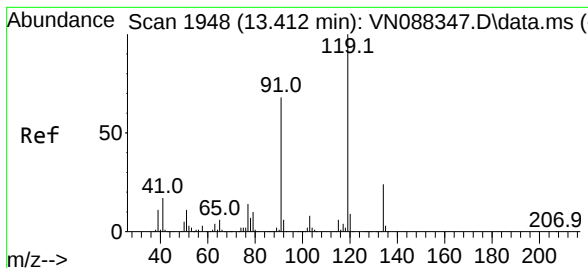
Tgt Ion: 75 Resp: 84296  
Ion Ratio Lower Upper  
75 100  
53 114.4 92.2 138.4  
89 51.9 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 54.291 ug/l  
RT: 13.200 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 91 Resp: 602162  
Ion Ratio Lower Upper  
91 100  
126 31.7 15.6 46.7

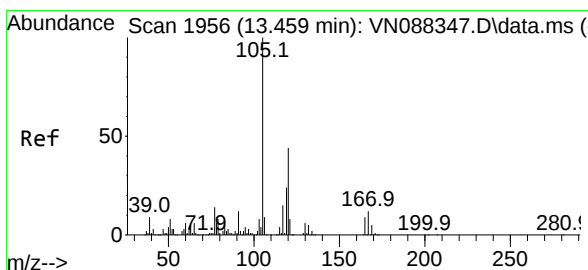
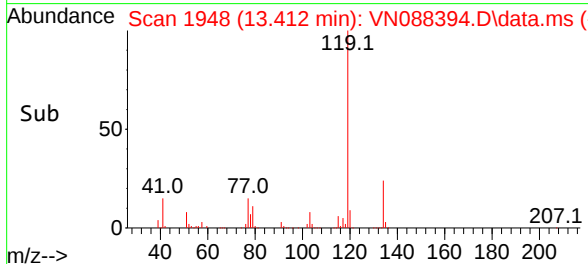
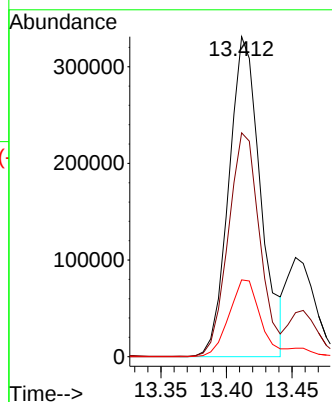
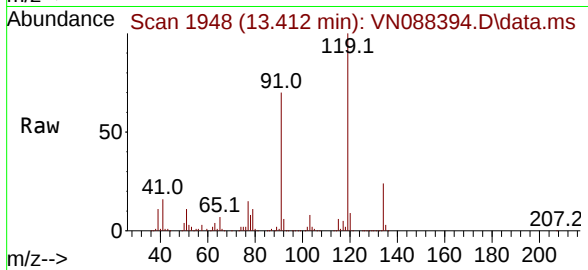




#83  
tert-Butylbenzene  
Concen: 53.028 ug/l  
RT: 13.412 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

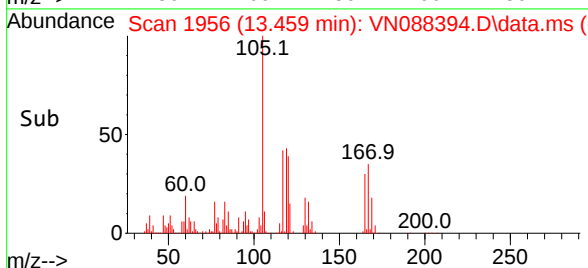
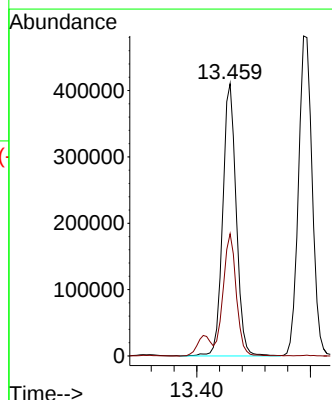
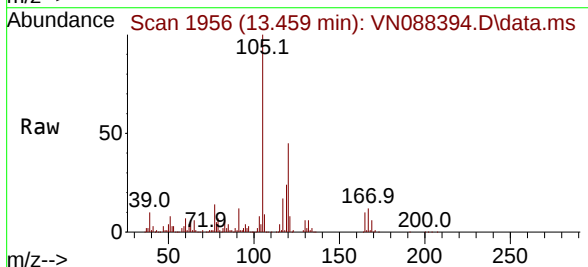
Instrument :  
MSVOA\_N  
ClientSampleId :

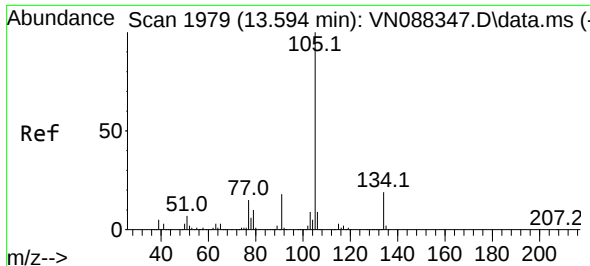
Tgt Ion:119 Resp: 558345  
Ion Ratio Lower Upper  
119 100  
91 69.2 35.1 105.3  
134 25.8 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 55.209 ug/l  
RT: 13.459 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion:105 Resp: 679700  
Ion Ratio Lower Upper  
105 100  
120 43.2 22.1 66.1

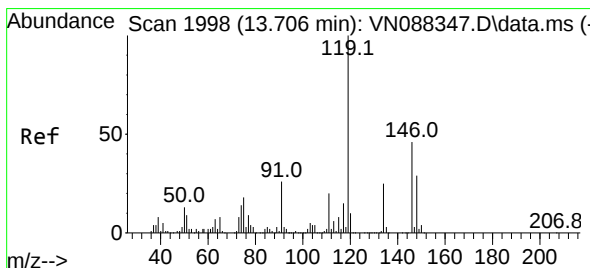
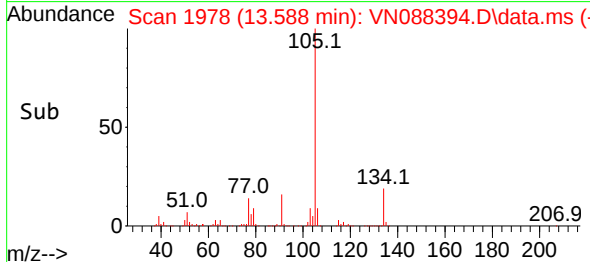
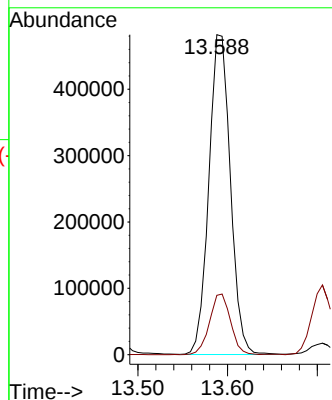
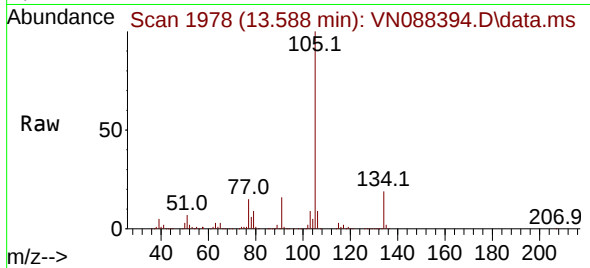




#85  
 sec-Butylbenzene  
 Concen: 53.133 ug/l  
 RT: 13.588 min Scan# 1978  
 Delta R.T. -0.006 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

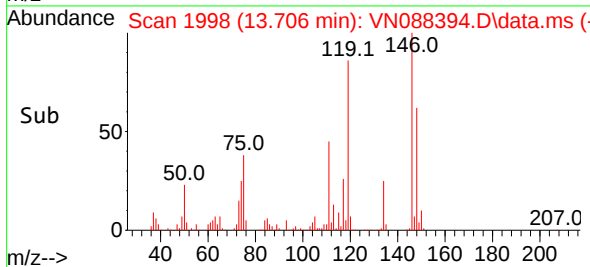
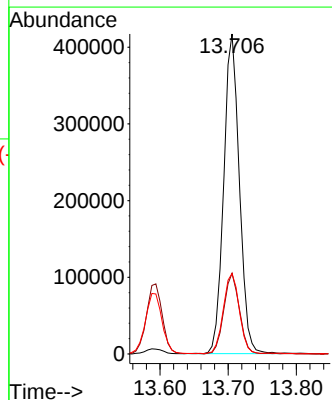
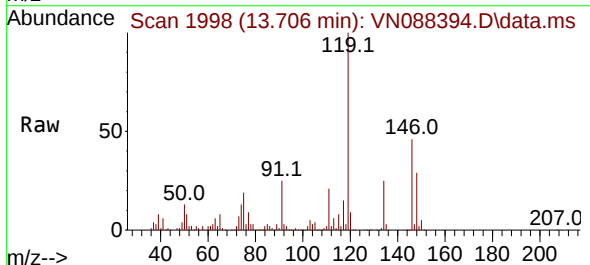
Instrument :  
 MSVOA\_N  
 ClientSampleId :

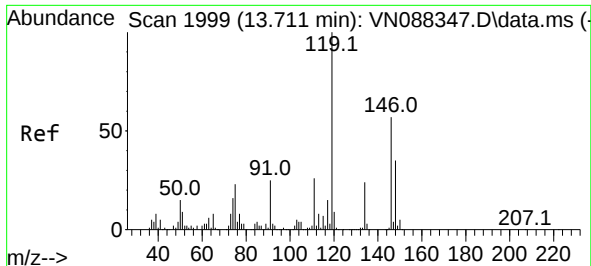
Tgt Ion:105 Resp: 803702  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.5 28.5



#86  
 p-Isopropyltoluene  
 Concen: 53.654 ug/l  
 RT: 13.706 min Scan# 1998  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Tgt Ion:119 Resp: 665506  
 Ion Ratio Lower Upper  
 119 100  
 134 25.4 12.2 36.6  
 91 25.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 52.686 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

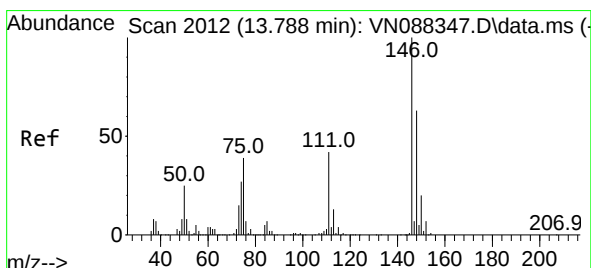
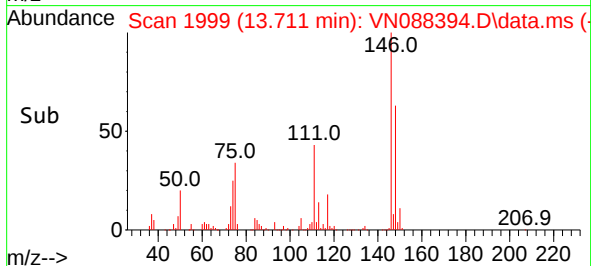
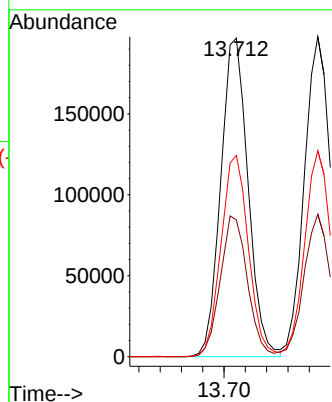
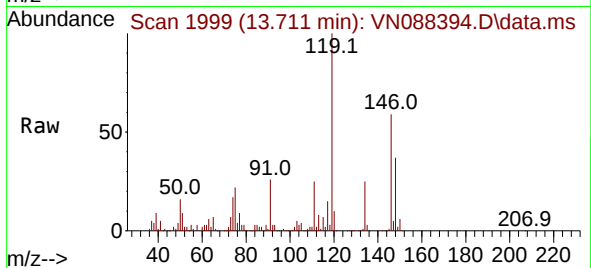
Tgt Ion:146 Resp: 350766

Ion Ratio Lower Upper

146 100

111 43.9 22.4 67.0

148 63.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 50.304 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

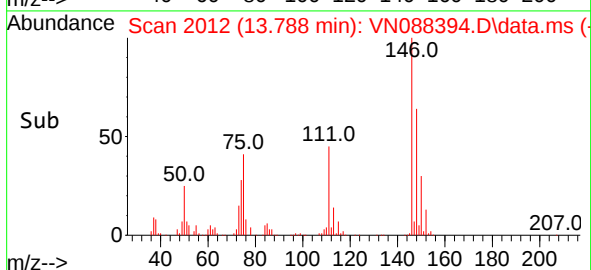
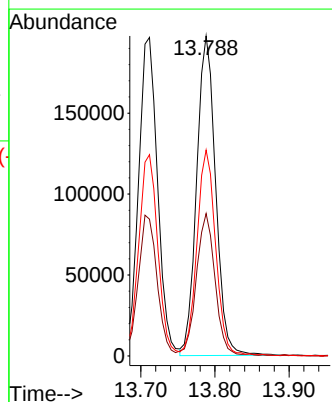
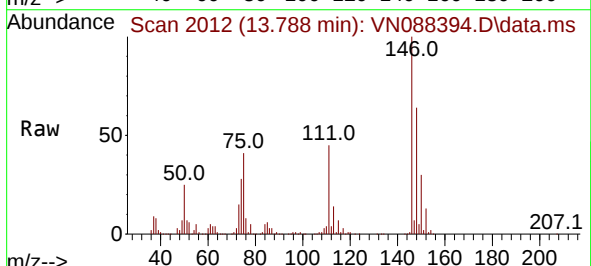
Tgt Ion:146 Resp: 350813

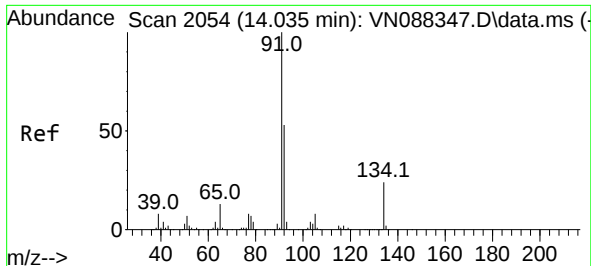
Ion Ratio Lower Upper

146 100

111 44.3 21.6 64.6

148 63.6 31.0 93.0

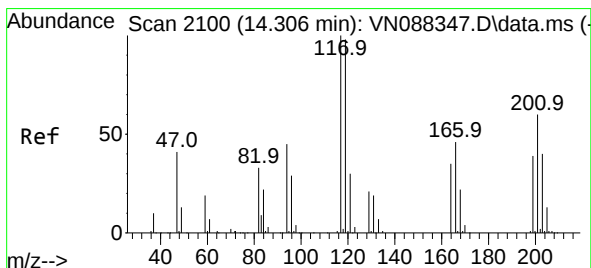
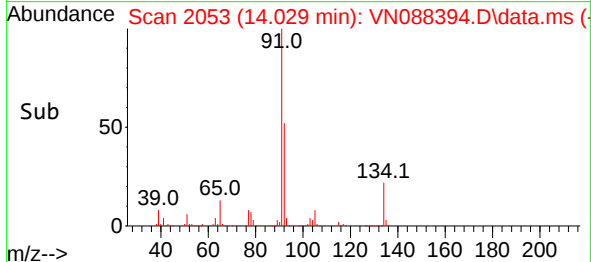
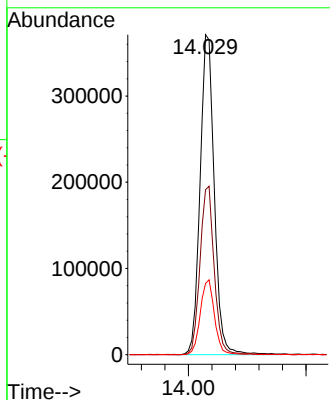
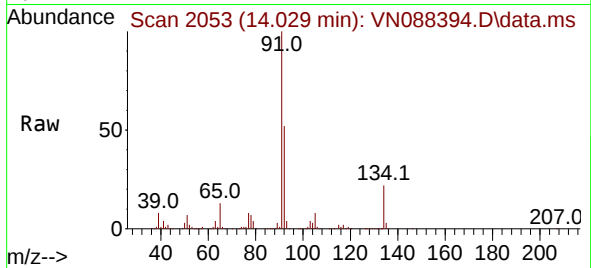




#89  
n-Butylbenzene  
Concen: 51.753 ug/l  
RT: 14.029 min Scan# 2053  
Delta R.T. -0.006 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

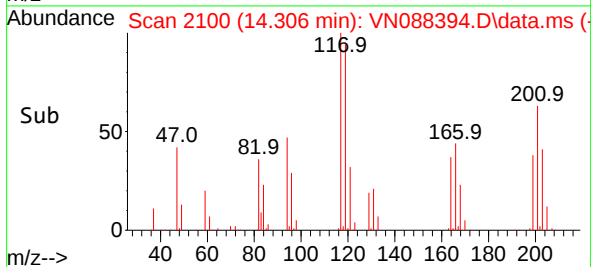
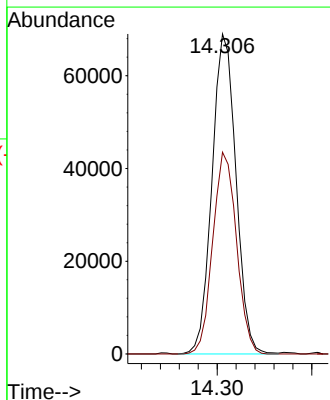
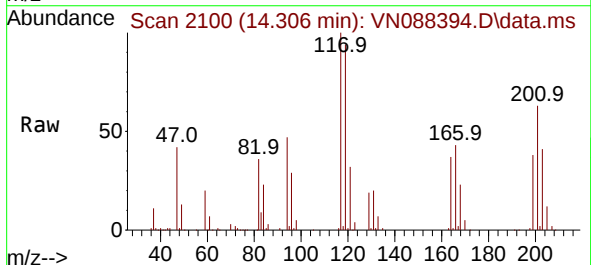
Instrument :  
MSVOA\_N  
ClientSampleId :

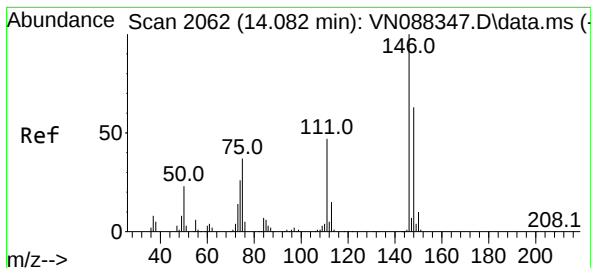
Tgt Ion: 91 Resp: 623271  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.1 78.3  
134 23.5 11.7 35.1



#90  
Hexachloroethane  
Concen: 53.572 ug/l  
RT: 14.306 min Scan# 2100  
Delta R.T. 0.000 min  
Lab File: VN088394.D  
Acq: 01 Dec 2025 19:01

Tgt Ion: 117 Resp: 121388  
Ion Ratio Lower Upper  
117 100  
201 62.4 30.3 90.9





#91

1,2-Dichlorobenzene

Concen: 53.427 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

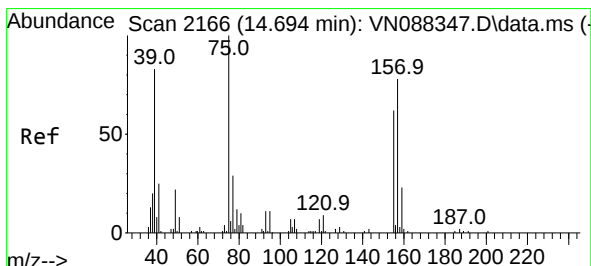
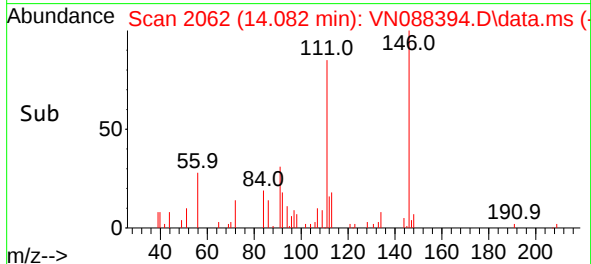
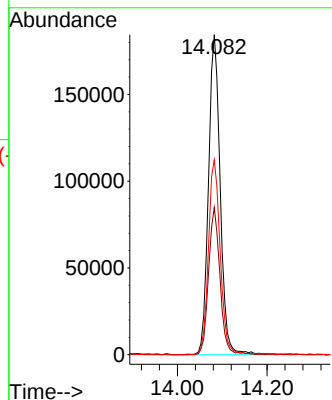
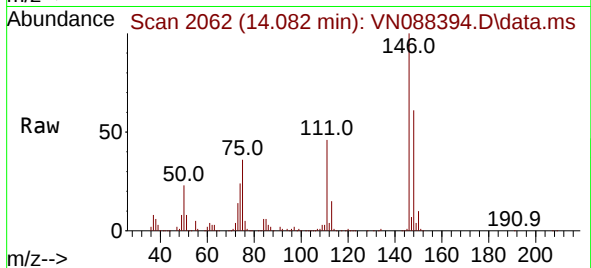
Tgt Ion:146 Resp: 334727

Ion Ratio Lower Upper

146 100

111 44.9 23.3 69.9

148 61.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.351 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

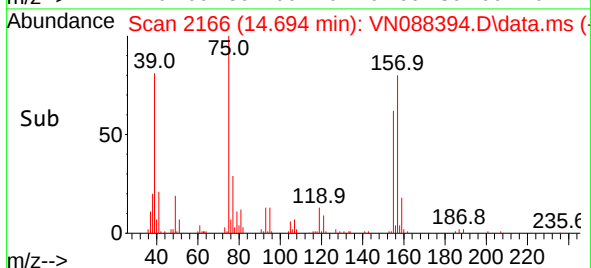
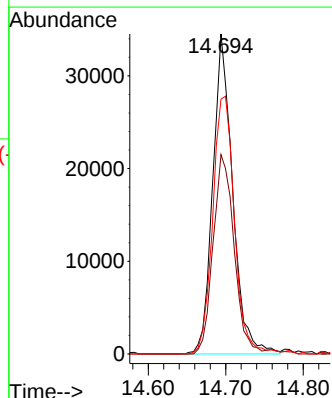
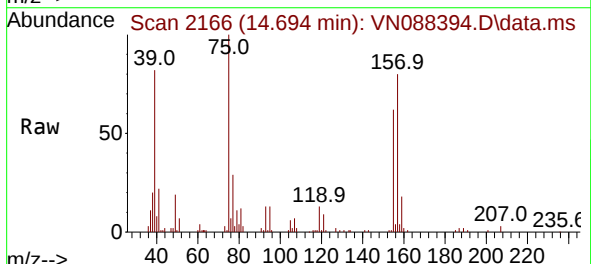
Tgt Ion: 75 Resp: 61378

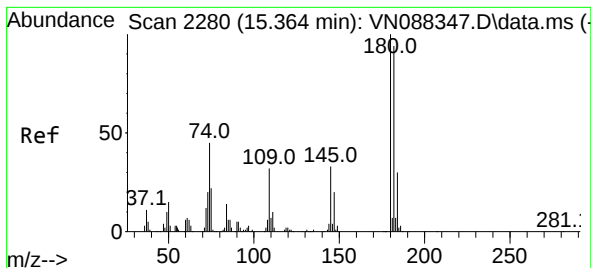
Ion Ratio Lower Upper

75 100

155 66.9 33.7 101.1

157 88.2 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 50.246 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

Instrument :

MSVOA\_N

ClientSampleId :

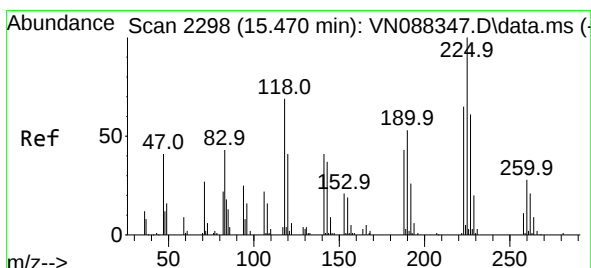
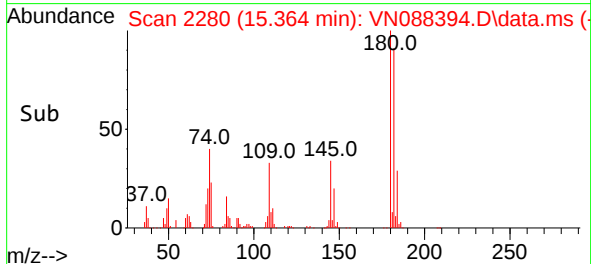
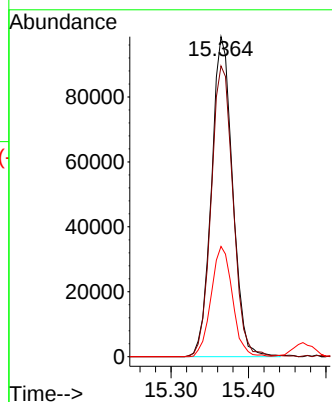
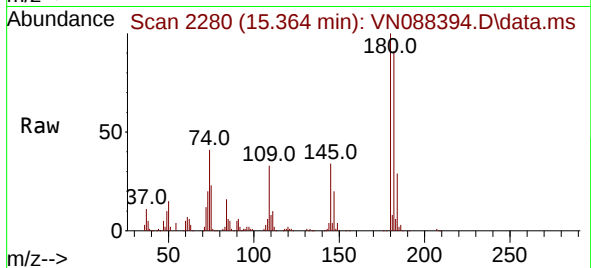
Tgt Ion:180 Resp: 187041

Ion Ratio Lower Upper

180 100

182 93.9 46.1 138.2

145 34.7 16.7 50.1



#94

Hexachlorobutadiene

Concen: 48.160 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088394.D

Acq: 01 Dec 2025 19:01

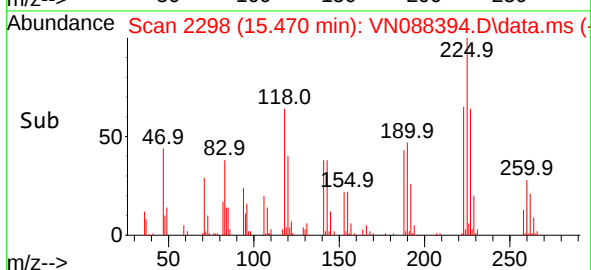
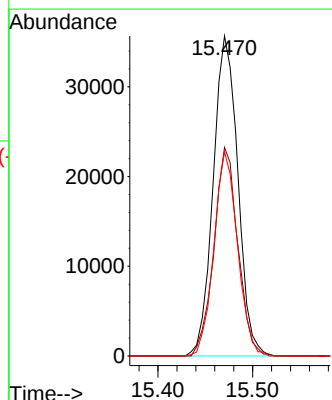
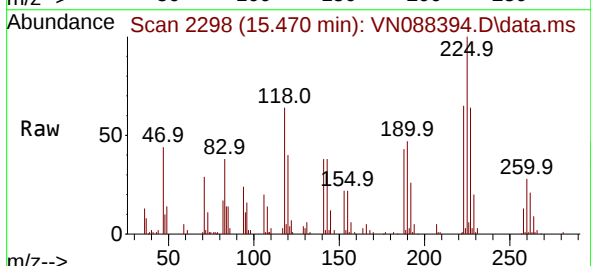
Tgt Ion:225 Resp: 64423

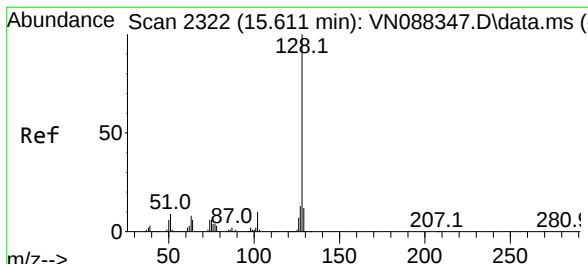
Ion Ratio Lower Upper

225 100

223 63.2 32.3 96.8

227 61.2 29.9 89.8

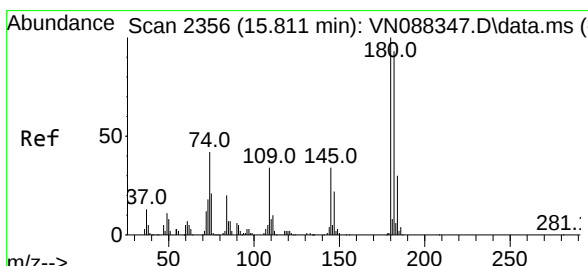
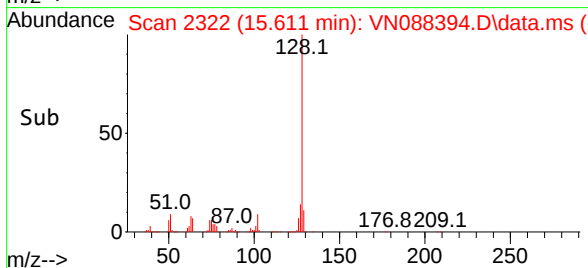
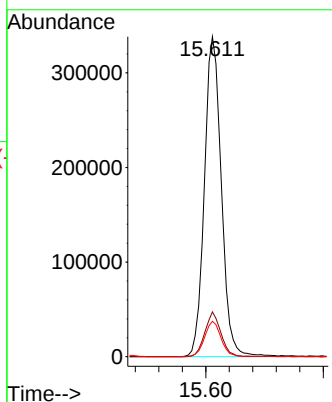
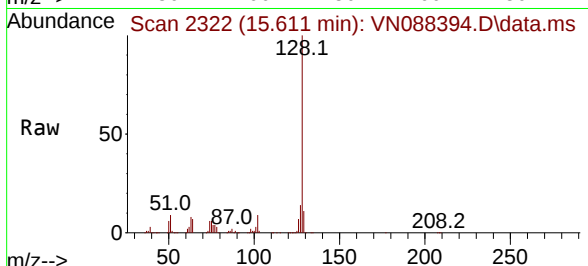




#95  
 Naphthalene  
 Concen: 52.496 ug/l  
 RT: 15.611 min Scan# 2322  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 677168 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.3  | 10.4  | 15.6   |
| 129      | 10.7  | 9.0   | 13.6   |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 50.884 ug/l  
 RT: 15.811 min Scan# 2356  
 Delta R.T. 0.000 min  
 Lab File: VN088394.D  
 Acq: 01 Dec 2025 19:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 184341 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 93.6  | 45.9  | 137.7  |
| 145      | 35.4  | 17.8  | 53.4   |

