

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN032625\  
 Data File : VN086118.D  
 Acq On : 26 Mar 2025 11:38  
 Operator : JC\MD  
 Sample : VSTDC0050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDC0050

Quant Time: Mar 27 01:32:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.224  | 168  | 196436   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.100  | 114  | 311095   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.865 | 117  | 292741   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 164861   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.576  | 65    | 139980   | 52.040   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 104.080% |      |
| 35) Dibromofluoromethane    | 8.165  | 113   | 115364   | 53.129   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 106.260% |      |
| 50) Toluene-d8              | 10.565 | 98    | 442033   | 56.091   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 112.180% |      |
| 62) 4-Bromofluorobenzene    | 12.847 | 95    | 156447   | 55.665   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | = 111.340% |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 120742  | 46.395  | ug/l | 98  |
| 3) Chloromethane             | 2.359 | 50  | 117088  | 51.321  | ug/l | 100 |
| 4) Vinyl Chloride            | 2.512 | 62  | 127987  | 54.865  | ug/l | 98  |
| 5) Bromomethane              | 2.942 | 94  | 78265   | 49.254  | ug/l | 93  |
| 6) Chloroethane              | 3.112 | 64  | 81091   | 55.103  | ug/l | 92  |
| 7) Trichlorofluoromethane    | 3.494 | 101 | 201536  | 48.060  | ug/l | 96  |
| 8) Diethyl Ether             | 3.959 | 74  | 65177   | 50.771  | ug/l | 91  |
| 9) 1,1,2-Trichlorotrifluo... | 4.365 | 101 | 115286  | 51.727  | ug/l | 98  |
| 10) Methyl Iodide            | 4.583 | 142 | 146897  | 50.584  | ug/l | 96  |
| 11) Tert butyl alcohol       | 5.518 | 59  | 81743   | 214.639 | ug/l | 97  |
| 12) 1,1-Dichloroethene       | 4.341 | 96  | 103871  | 51.613  | ug/l | 99  |
| 13) Acrolein                 | 4.177 | 56  | 80015   | 196.987 | ug/l | 96  |
| 14) Allyl chloride           | 5.024 | 41  | 120711  | 48.079  | ug/l | 99  |
| 15) Acrylonitrile            | 5.718 | 53  | 280742  | 279.125 | ug/l | 99  |
| 16) Acetone                  | 4.430 | 43  | 203864  | 248.075 | ug/l | 97  |
| 17) Carbon Disulfide         | 4.706 | 76  | 306462  | 46.304  | ug/l | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 123119  | 60.553  | ug/l | 96  |
| 19) Methyl tert-butyl Ether  | 5.794 | 73  | 340162  | 51.581  | ug/l | 99  |
| 20) Methylene Chloride       | 5.277 | 84  | 128147  | 53.304  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 116817  | 53.115  | ug/l | 99  |
| 22) Diisopropyl ether        | 6.671 | 45  | 315525  | 58.974  | ug/l | 97  |
| 23) Vinyl Acetate            | 6.600 | 43  | 1133746 | 279.536 | ug/l | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 213883  | 54.364  | ug/l | 99  |
| 25) 2-Butanone               | 7.482 | 43  | 321407  | 271.050 | ug/l | 95  |
| 26) 2,2-Dichloropropane      | 7.488 | 77  | 187312  | 49.452  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 135805  | 54.338  | ug/l | 99  |
| 28) Bromochloromethane       | 7.812 | 49  | 95539   | 57.316  | ug/l | 95  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 223519  | 305.329 | ug/l | 95  |
| 30) Chloroform               | 7.965 | 83  | 227190  | 52.243  | ug/l | 98  |
| 31) Cyclohexane              | 8.253 | 56  | 171130  | 51.059  | ug/l | 99  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 206611  | 50.192  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.371 | 75  | 156110  | 54.599  | ug/l | 100 |
| 37) Ethyl Acetate            | 7.559 | 43  | 134523  | 55.769  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.359 | 117 | 195481  | 51.998  | ug/l | 94  |
| 39) Methylcyclohexane        | 9.600 | 83  | 149493  | 52.699  | ug/l | 92  |
| 40) Benzene                  | 8.606 | 78  | 497717  | 55.451  | ug/l | 99  |

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 Acq On : 26 Mar 2025 11:38  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 27 01:32:30 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 19 03:20:56 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.777  | 41   | 67268    | 58.402   | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 160761   | 51.402   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.688  | 43   | 219356   | 41.966   | ug/l   | 97       |
| 44) Trichloroethene           | 9.347  | 130  | 111720   | 48.025   | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 119985   | 58.773   | ug/l   | 99       |
| 46) Dibromomethane            | 9.706  | 93   | 88261    | 54.975   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.888  | 83   | 183335   | 54.639   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.676  | 41   | 99046    | 57.423   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 46479    | 1139.898 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 720953   | 312.748  | ug/l   | 97       |
| 52) Toluene                   | 10.629 | 92   | 318743   | 57.860   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 176812   | 54.260   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 190167   | 55.312   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 122289   | 58.161   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.870 | 69   | 174716   | 52.696   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 202658   | 56.748   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 396989   | 302.859  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.194 | 43   | 532648   | 317.178  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.359 | 129  | 151243   | 55.744   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 120130   | 55.653   | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.100 | 164  | 117394   | 50.271   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.888 | 112  | 340722   | 50.864   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 130449   | 52.386   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.964 | 91   | 589509   | 55.015   | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 483923   | 114.901  | ug/l   | 97       |
| 69) o-Xylene                  | 12.394 | 106  | 219142   | 56.692   | ug/l   | 99       |
| 70) Styrene                   | 12.406 | 104  | 388099   | 58.782   | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 107573   | 51.677   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.694 | 105  | 548846   | 48.751   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.494 | 43   | 192718   | 51.165   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 179498   | 47.127   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 235023   | 63.676   | ug/l   | 73       |
| 77) Bromobenzene              | 12.976 | 156  | 147984   | 47.141   | ug/l   | 99       |
| 78) n-propylbenzene           | 13.035 | 91   | 663795   | 52.070   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 417145   | 49.264   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 493169   | 51.885   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 71462    | 51.189   | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 430084   | 49.392   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 406995   | 50.065   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 501477   | 52.308   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.611 | 105  | 555627   | 52.393   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 470828   | 52.447   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 279371   | 49.372   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 275793   | 46.390   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 367014   | 50.204   | ug/l   | 100      |
| 90) Hexachloroethane          | 14.329 | 117  | 95375    | 46.043   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 267146   | 47.492   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 35232    | 46.340   | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 118927   | 42.048   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 65411    | 39.862   | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 359051   | 43.840   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 120321   | 44.833   | ug/l   | 97       |

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Data File : VN086118.D  
Acq On : 26 Mar 2025 11:38  
Operator : JC\MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 3 Sample Multiplier: 1

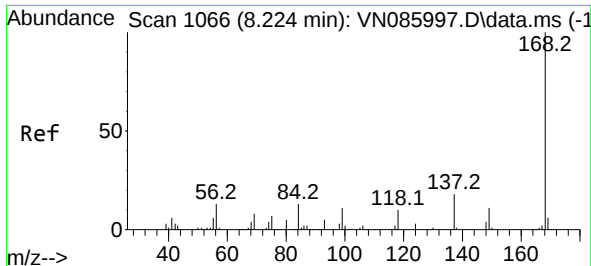
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 27 01:32:30 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N031825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 19 03:20:56 2025  
Response via : Initial Calibration

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

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

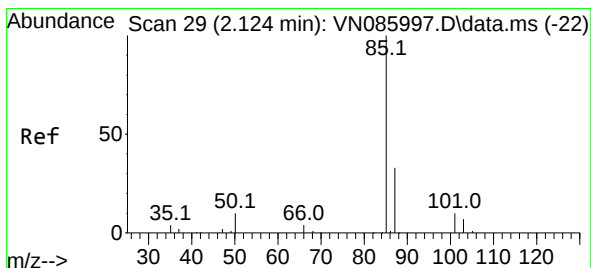
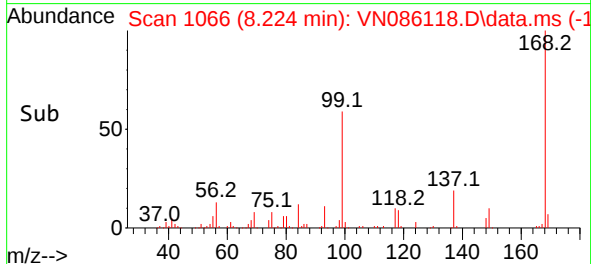
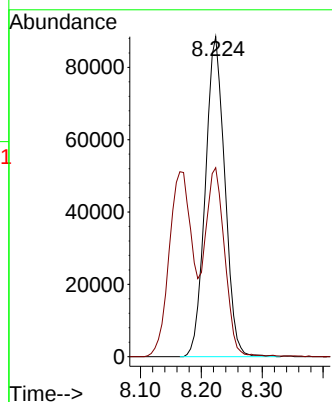
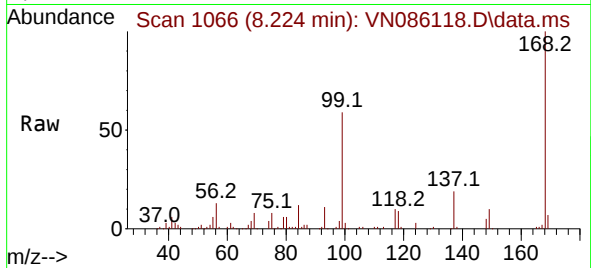




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

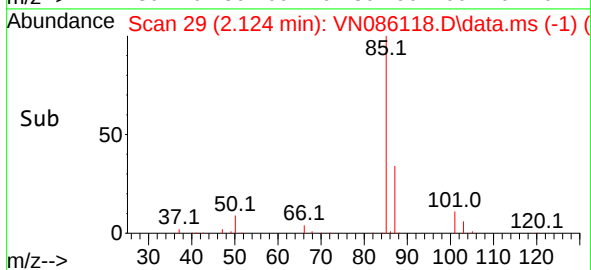
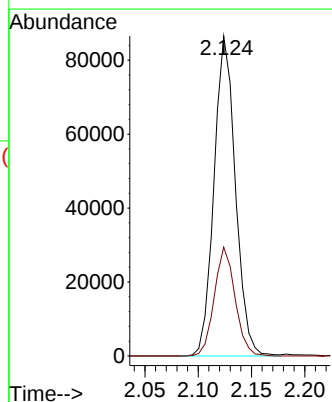
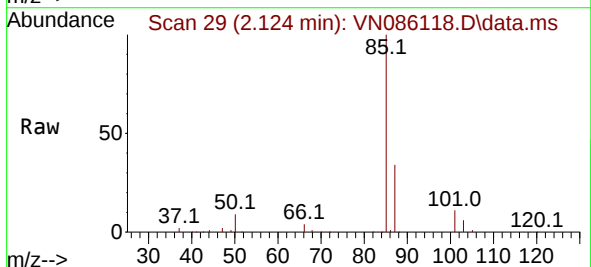
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

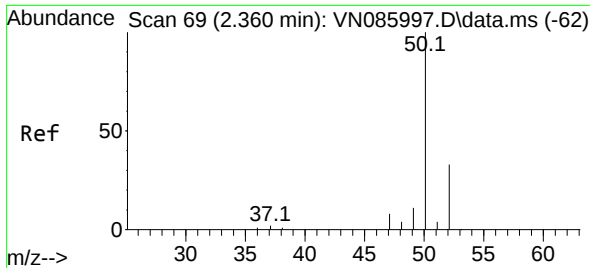
Tgt Ion:168 Resp: 196436  
Ion Ratio Lower Upper  
168 100  
99 58.9 49.4 74.2



#2  
Dichlorodifluoromethane  
Concen: 46.395 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 85 Resp: 120742  
Ion Ratio Lower Upper  
85 100  
87 34.0 16.5 49.5

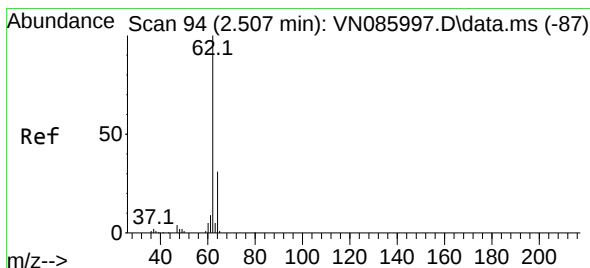
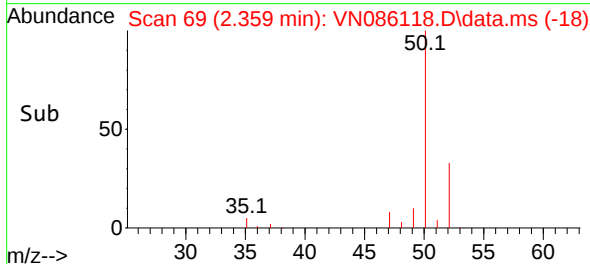
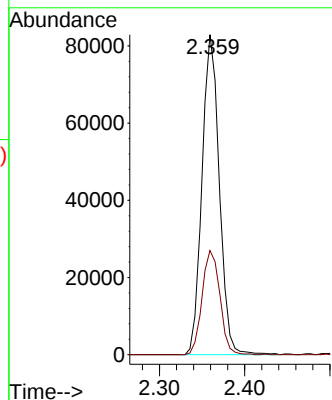
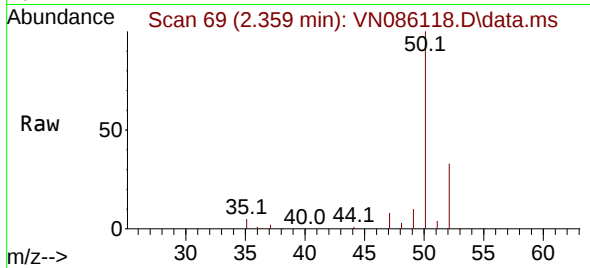




#3  
Chloromethane  
Concen: 51.321 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

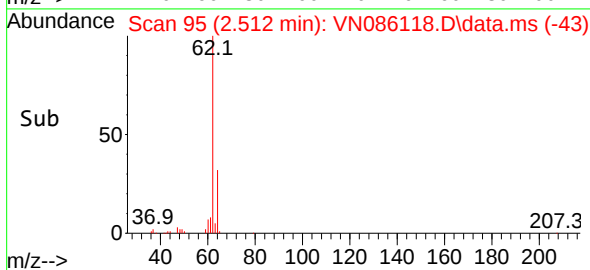
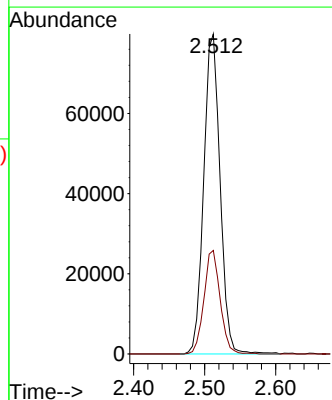
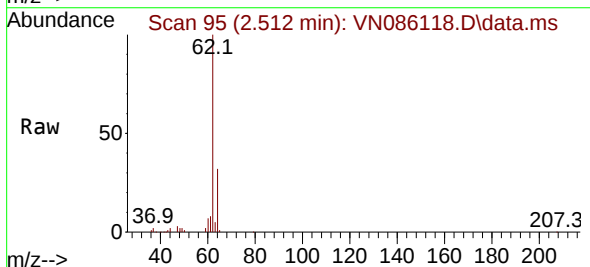
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

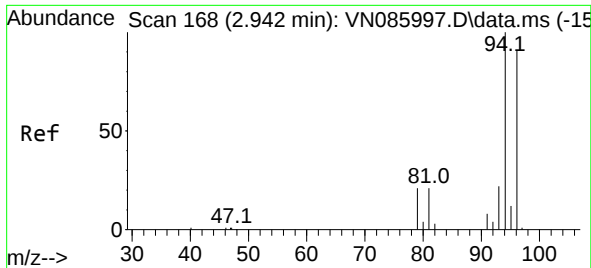
Tgt Ion: 50 Resp: 117088  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.0 39.0



#4  
Vinyl Chloride  
Concen: 54.865 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 62 Resp: 127987  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.2 37.8

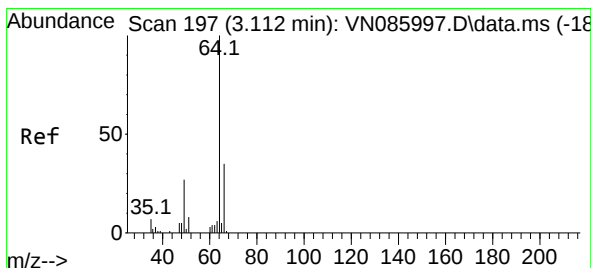
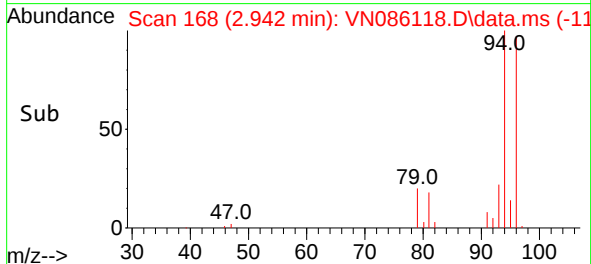
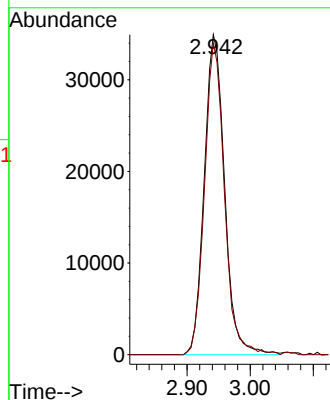
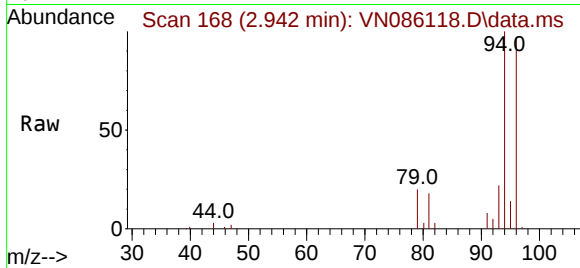




#5  
Bromomethane  
Concen: 49.254 ug/l  
RT: 2.942 min Scan# 168  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

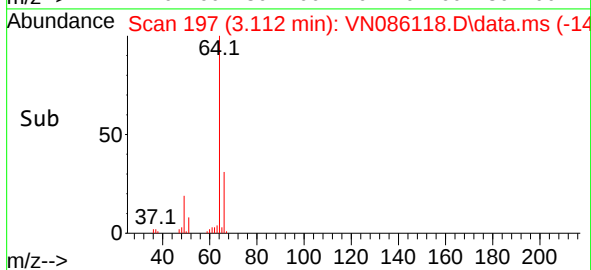
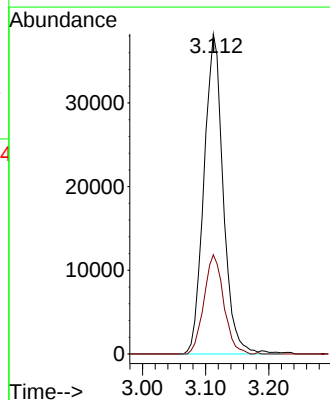
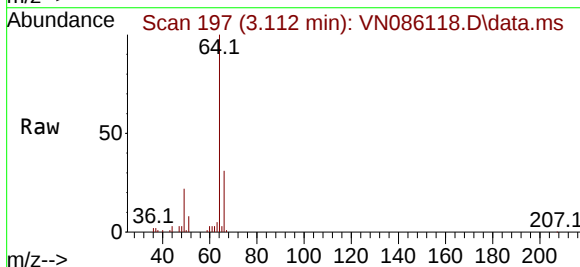
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

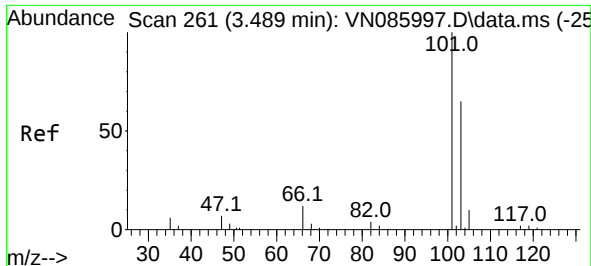
Tgt Ion: 94 Resp: 78265  
Ion Ratio Lower Upper  
94 100  
96 97.4 72.8 109.2



#6  
Chloroethane  
Concen: 55.103 ug/l  
RT: 3.112 min Scan# 197  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 64 Resp: 81091  
Ion Ratio Lower Upper  
64 100  
66 31.0 28.3 42.5

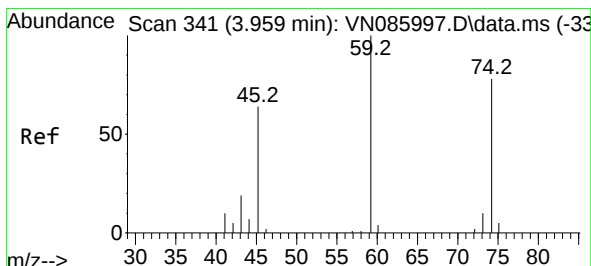
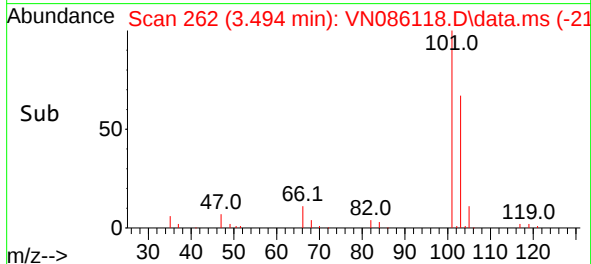
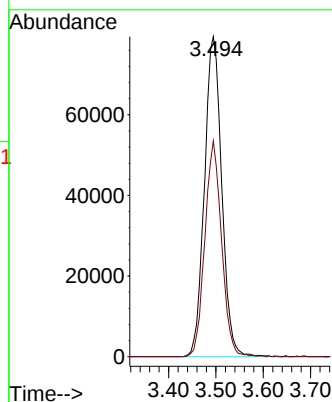
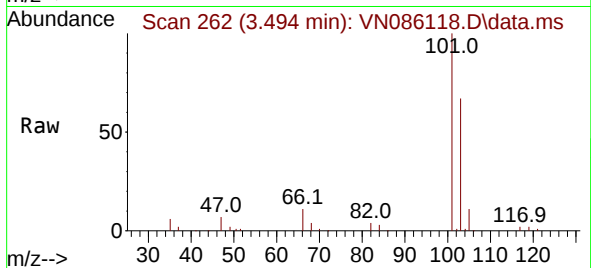




#7  
Trichlorofluoromethane  
Concen: 48.060 ug/l  
RT: 3.494 min Scan# 201  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

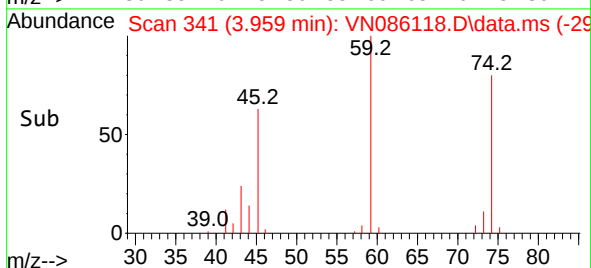
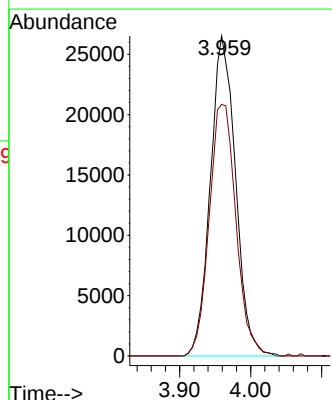
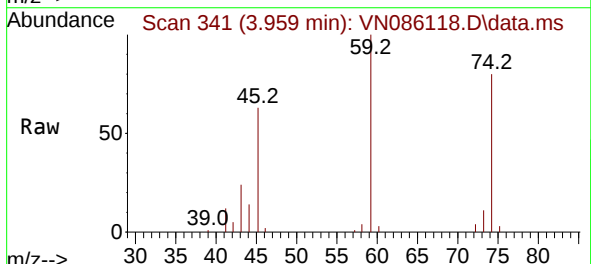
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

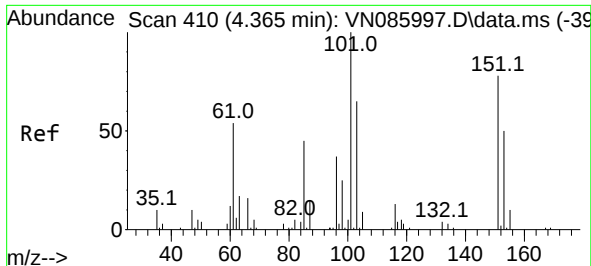
Tgt Ion:101 Resp: 201536  
Ion Ratio Lower Upper  
101 100  
103 67.4 51.7 77.5



#8  
Diethyl Ether  
Concen: 50.771 ug/l  
RT: 3.959 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 74 Resp: 65177  
Ion Ratio Lower Upper  
74 100  
45 83.7 38.0 113.9

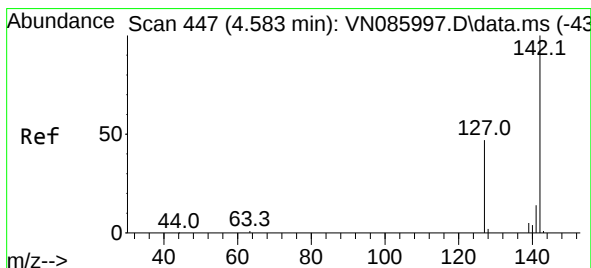
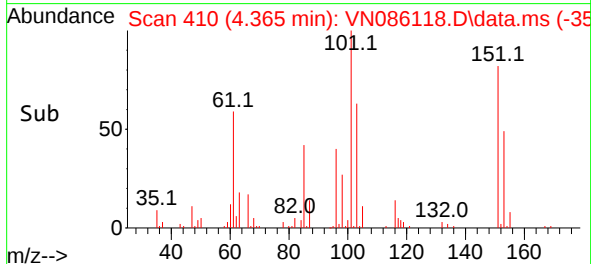
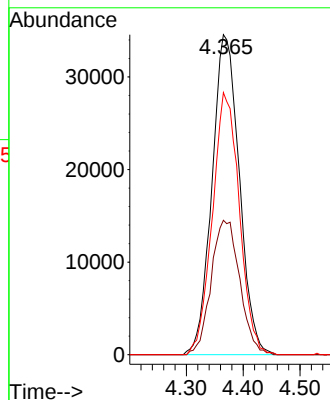
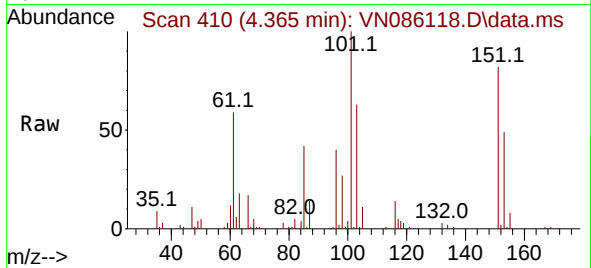




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.727 ug/l  
RT: 4.365 min Scan# 410  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

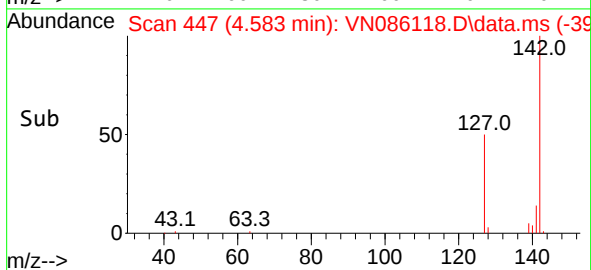
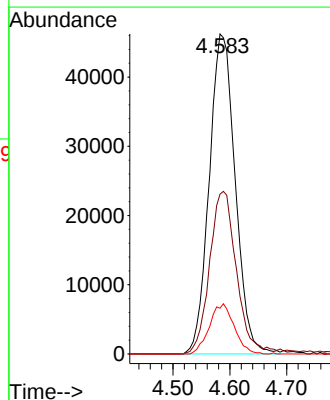
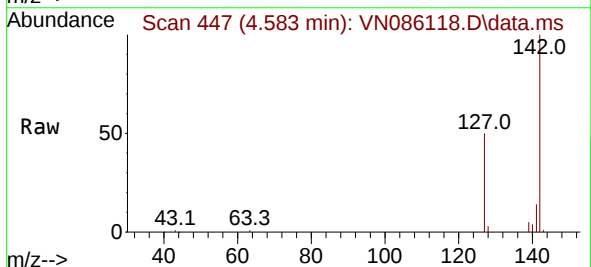
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

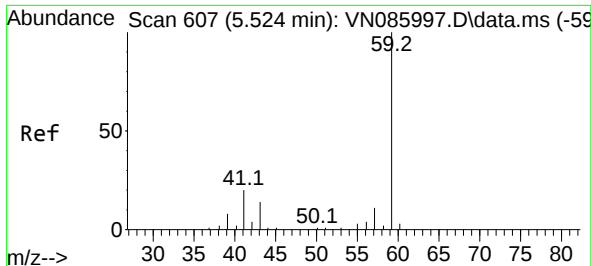
Tgt Ion:101 Resp: 115286  
Ion Ratio Lower Upper  
101 100  
85 44.0 36.5 54.7  
151 80.9 63.4 95.0



#10  
Methyl Iodide  
Concen: 50.584 ug/l  
RT: 4.583 min Scan# 447  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:142 Resp: 146897  
Ion Ratio Lower Upper  
142 100  
127 50.0 37.5 56.3  
141 14.3 11.0 16.6





#11

Tert butyl alcohol

Concen: 214.639 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

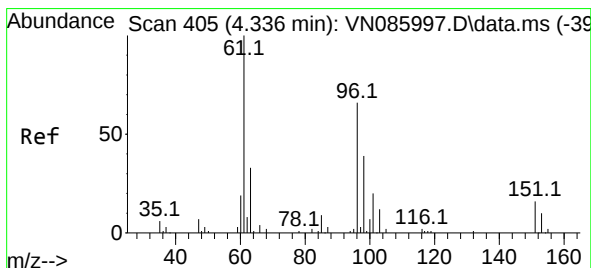
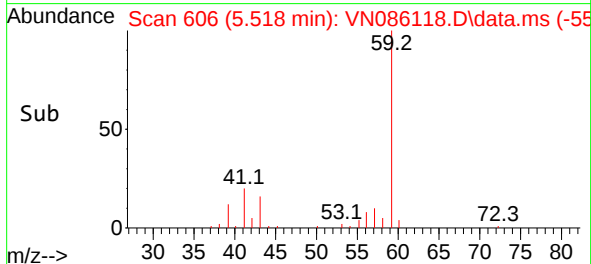
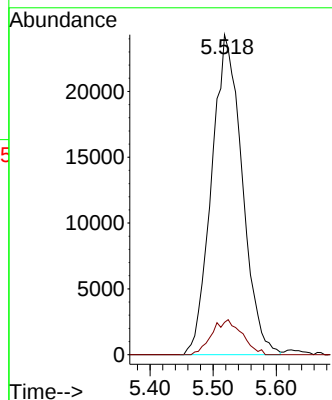
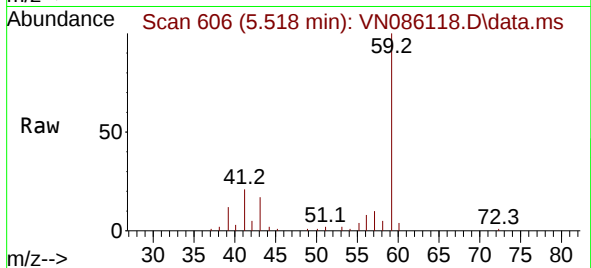
VSTDCCC050

Tgt Ion: 59 Resp: 81743

Ion Ratio Lower Upper

59 100

57 10.8 7.9 11.9



#12

1,1-Dichloroethene

Concen: 51.613 ug/l

RT: 4.341 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

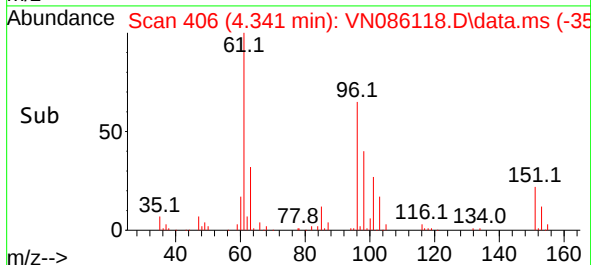
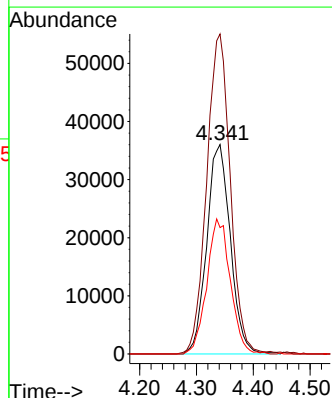
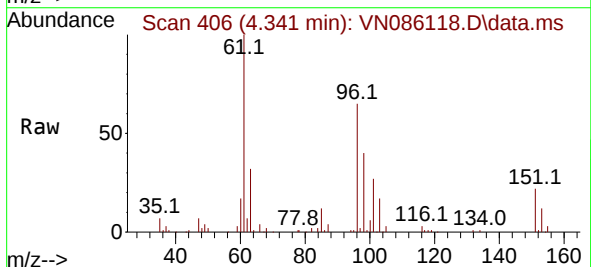
Tgt Ion: 96 Resp: 103871

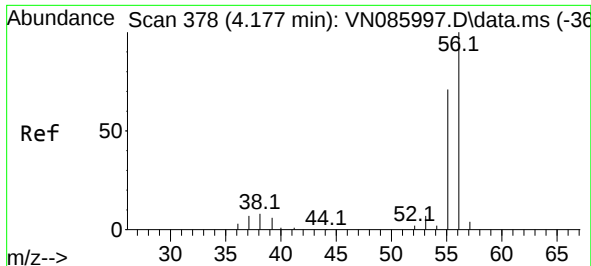
Ion Ratio Lower Upper

96 100

61 152.4 120.5 180.7

98 60.4 47.4 71.0

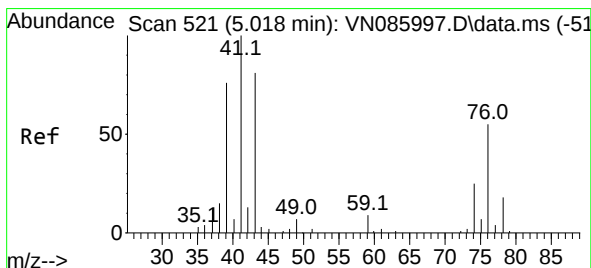
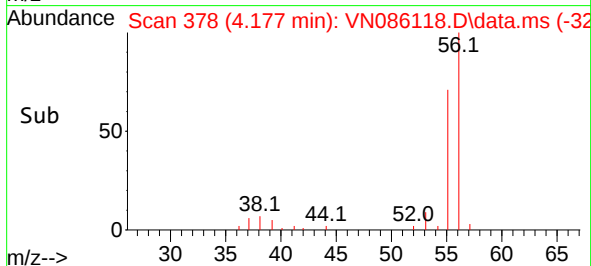
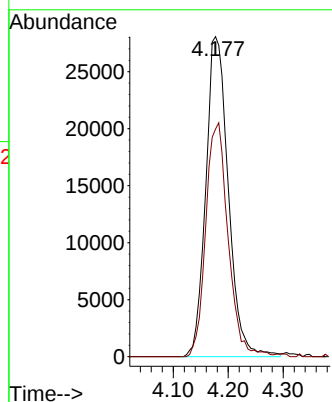
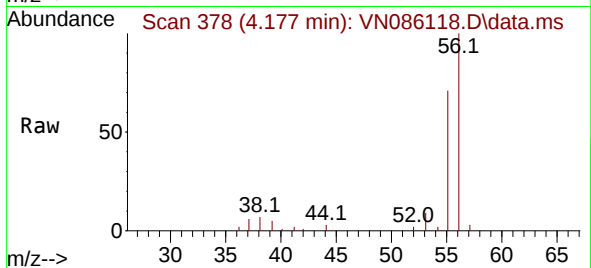




#13  
Acrolein  
Concen: 196.987 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

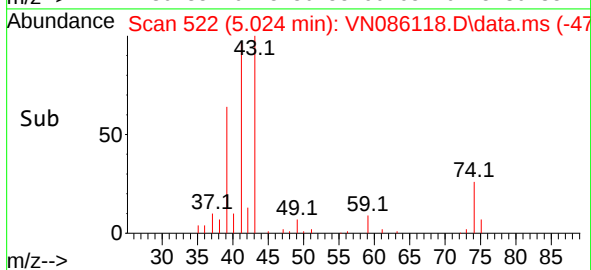
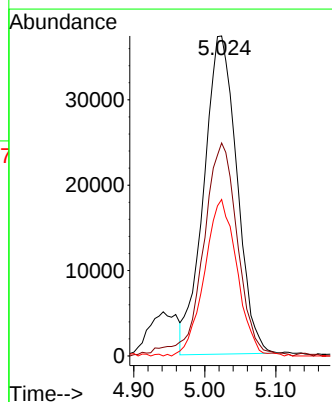
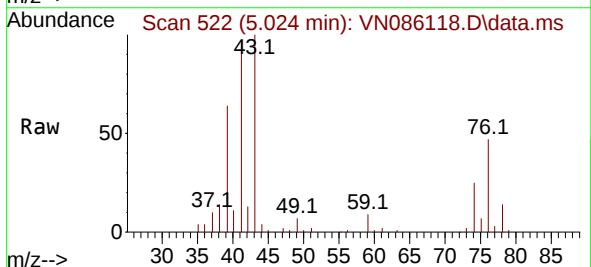
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

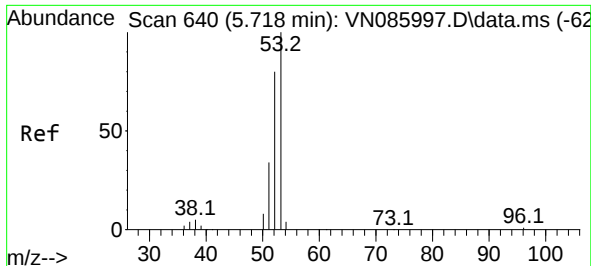
Tgt Ion: 56 Resp: 80015  
Ion Ratio Lower Upper  
56 100  
55 72.3 55.1 82.7



#14  
Allyl chloride  
Concen: 48.079 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 41 Resp: 120711  
Ion Ratio Lower Upper  
41 100  
39 69.8 55.5 83.3  
76 48.4 39.1 58.7

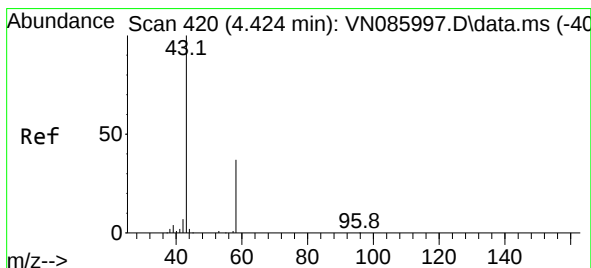
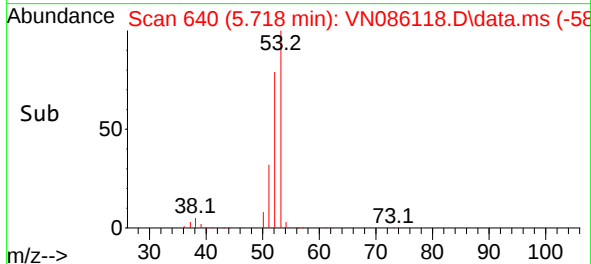
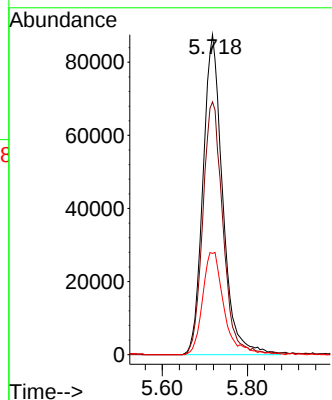
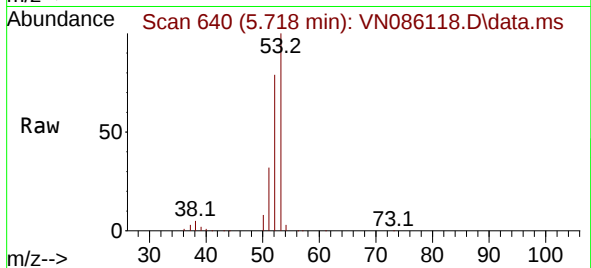




#15  
Acrylonitrile  
Concen: 279.125 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

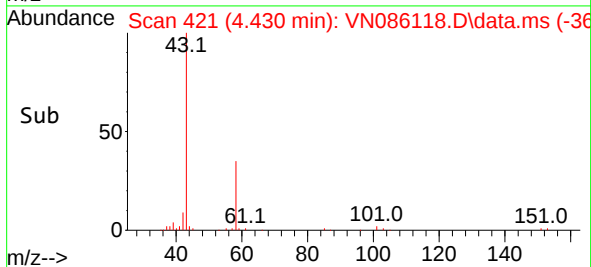
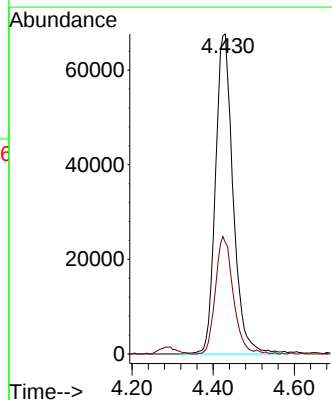
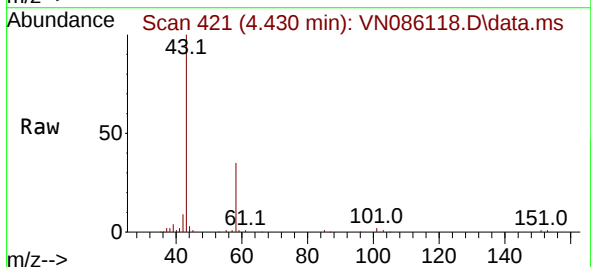
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

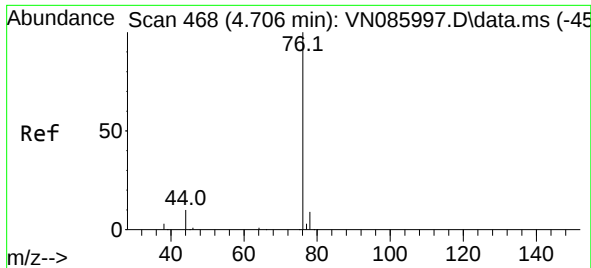
Tgt Ion: 53 Resp: 280742  
Ion Ratio Lower Upper  
53 100  
52 80.5 63.9 95.9  
51 34.9 27.1 40.7



#16  
Acetone  
Concen: 248.075 ug/l  
RT: 4.430 min Scan# 421  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 43 Resp: 203864  
Ion Ratio Lower Upper  
43 100  
58 34.8 29.4 44.2

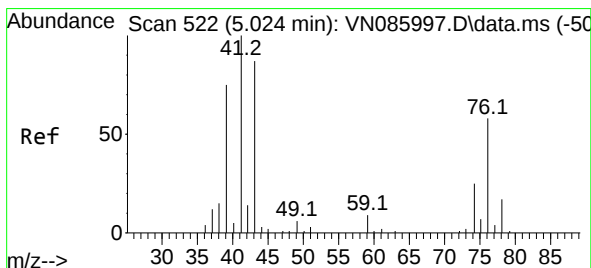
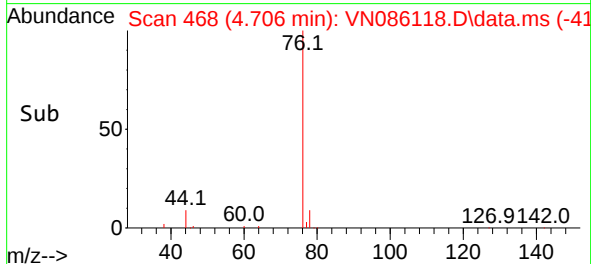
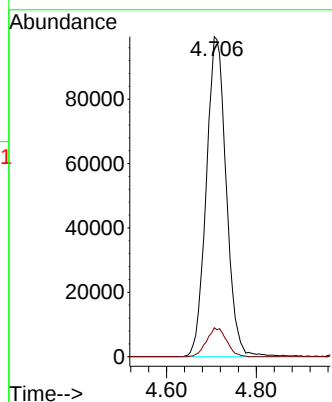
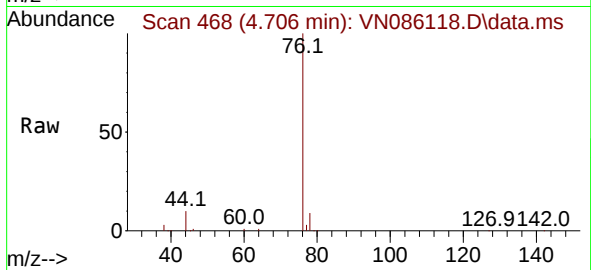




#17  
Carbon Disulfide  
Concen: 46.304 ug/l  
RT: 4.706 min Scan# 40  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

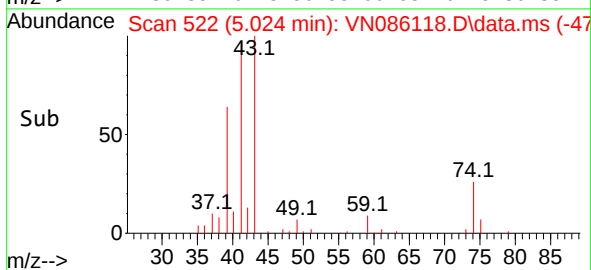
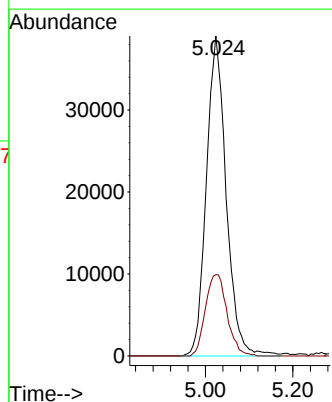
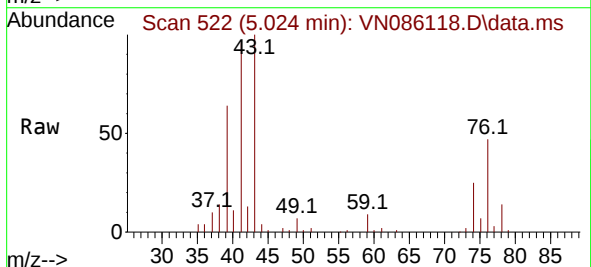
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

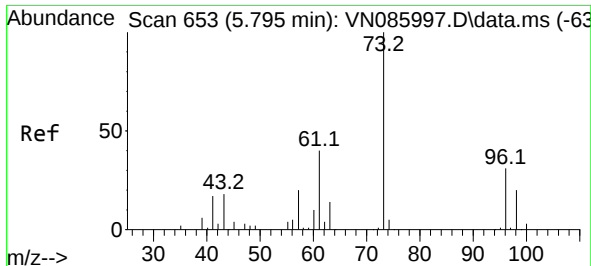
Tgt Ion: 76 Resp: 306462  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2



#18  
Methyl Acetate  
Concen: 60.553 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 43 Resp: 123119  
Ion Ratio Lower Upper  
43 100  
74 27.8 23.9 35.9

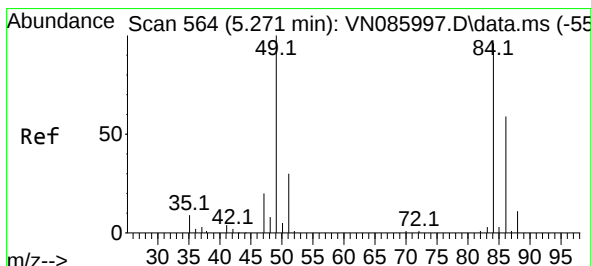
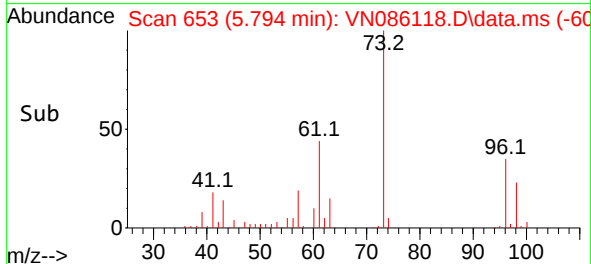
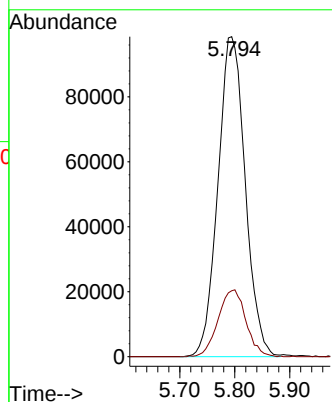
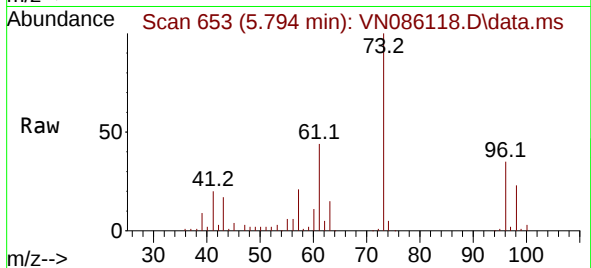




#19  
Methyl tert-butyl Ether  
Concen: 51.581 ug/l  
RT: 5.794 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

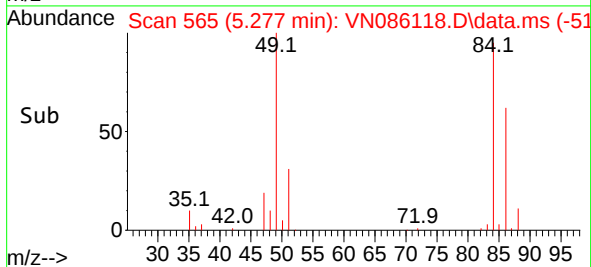
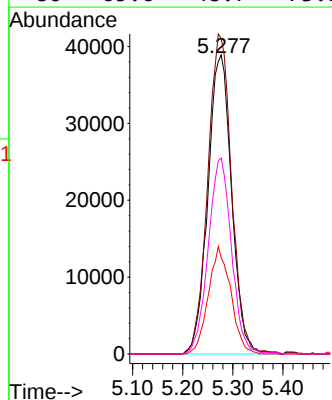
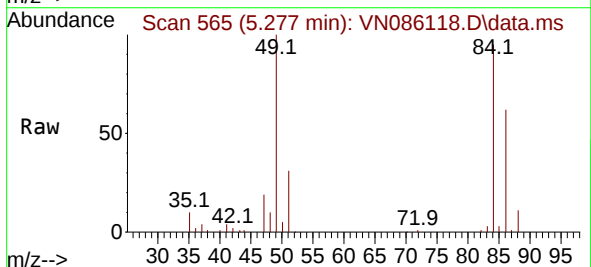
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

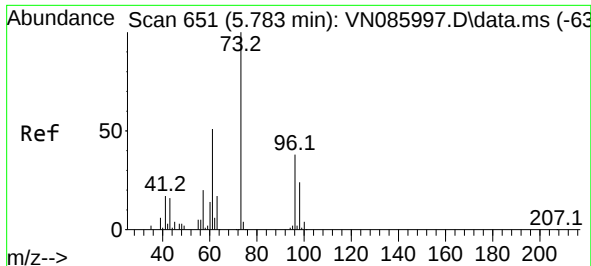
Tgt Ion: 73 Resp: 340162  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.1 24.1



#20  
Methylene Chloride  
Concen: 53.304 ug/l  
RT: 5.277 min Scan# 565  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 84 Resp: 128147  
Ion Ratio Lower Upper  
84 100  
49 105.7 83.3 124.9  
51 32.3 24.8 37.2  
86 65.6 48.7 73.1

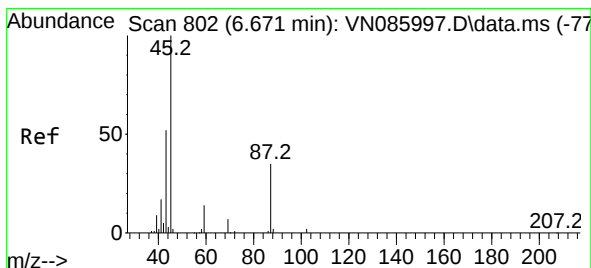
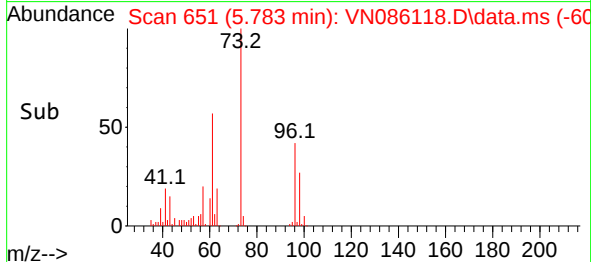
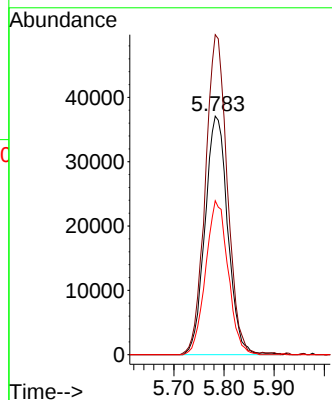
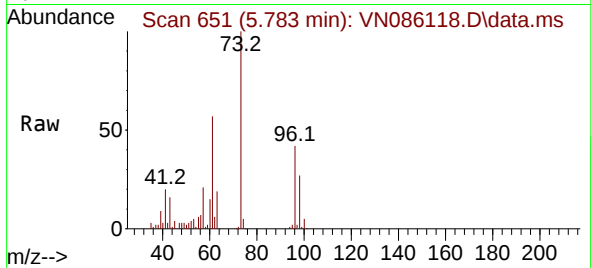




#21  
trans-1,2-Dichloroethene  
Concen: 53.115 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

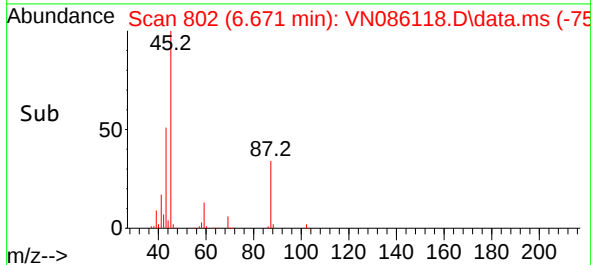
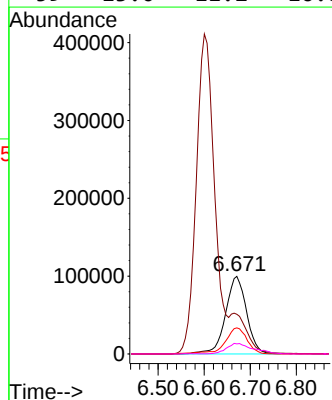
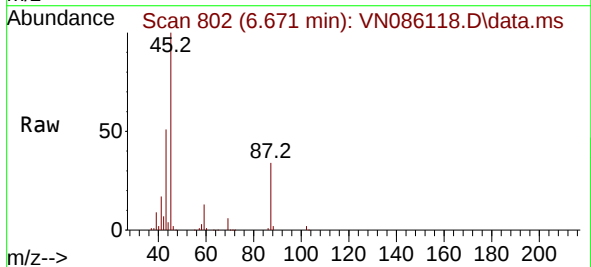
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

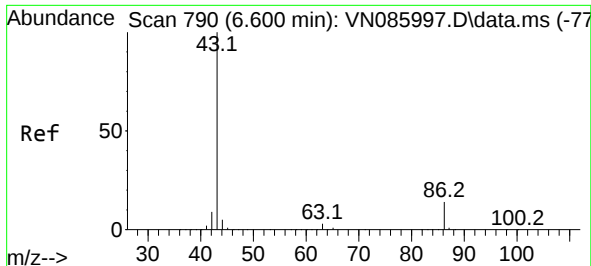
Tgt Ion: 96 Resp: 116817  
Ion Ratio Lower Upper  
96 100  
61 134.2 106.6 160.0  
98 64.5 50.0 75.0



#22  
Diisopropyl ether  
Concen: 58.974 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 45 Resp: 315525  
Ion Ratio Lower Upper  
45 100  
43 50.2 41.2 61.8  
87 33.6 28.5 42.7  
59 13.0 11.2 16.8

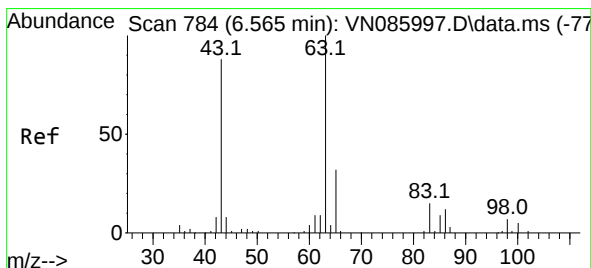
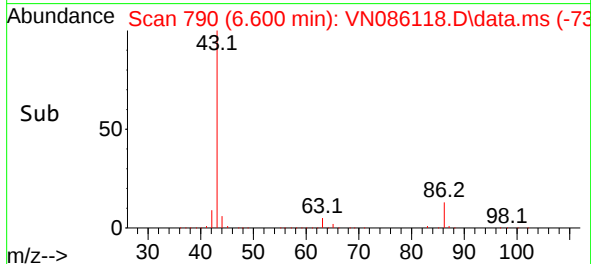
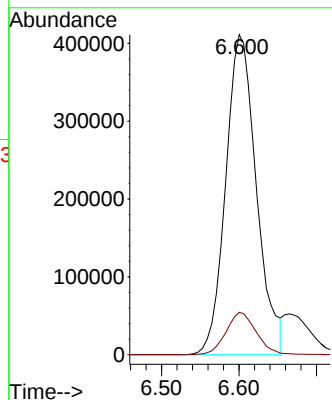
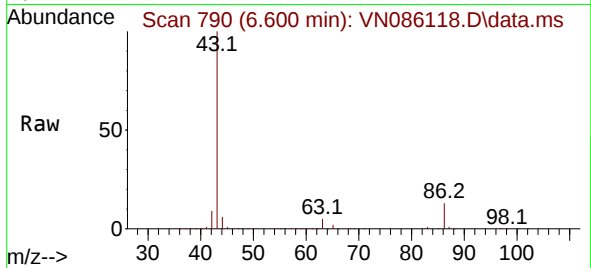




#23  
 Vinyl Acetate  
 Concen: 279.536 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. -0.000 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

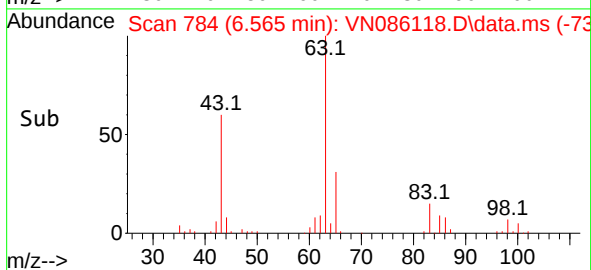
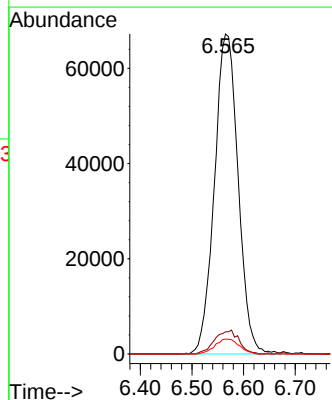
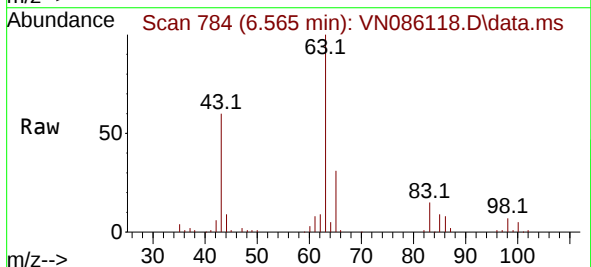
Instrument :  
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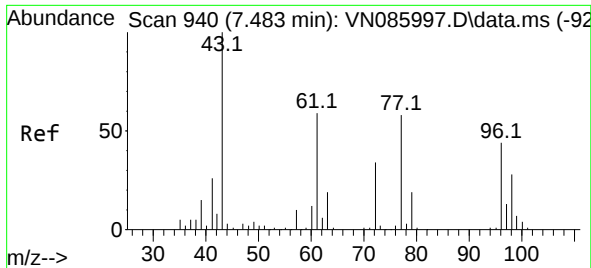
Tgt Ion: 43 Resp: 1133746  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 11.2 16.8



#24  
 1,1-Dichloroethane  
 Concen: 54.364 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

Tgt Ion: 63 Resp: 213883  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.6 10.9  
 100 4.7 2.5 7.5

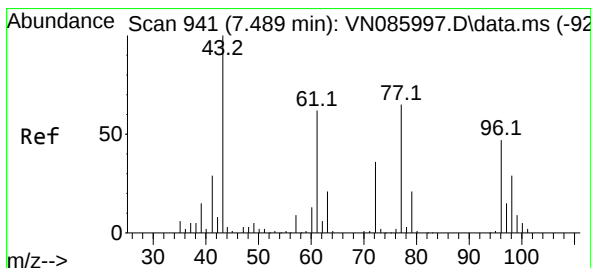
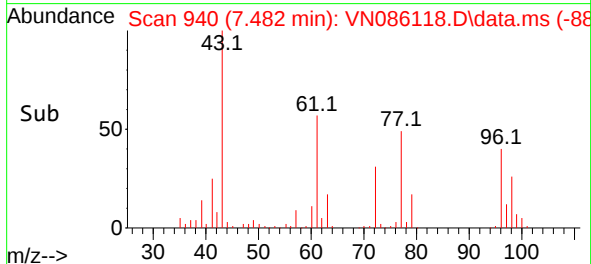
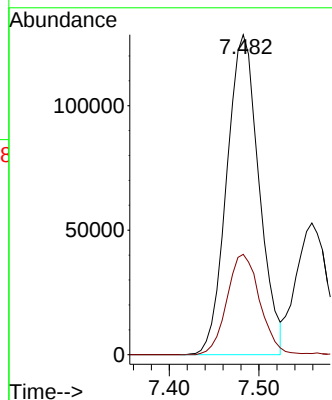
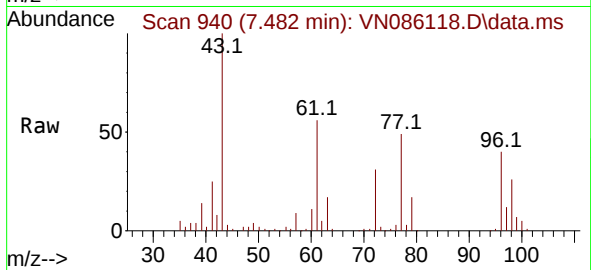




#25  
2-Butanone  
Concen: 271.050 ug/l  
RT: 7.482 min Scan# 940  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

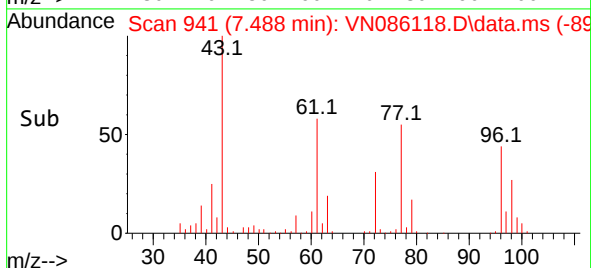
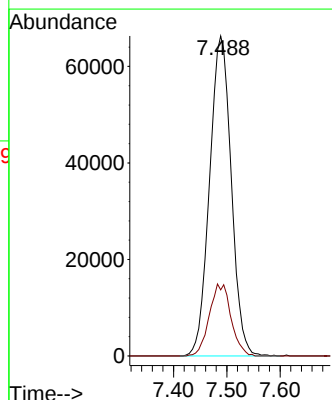
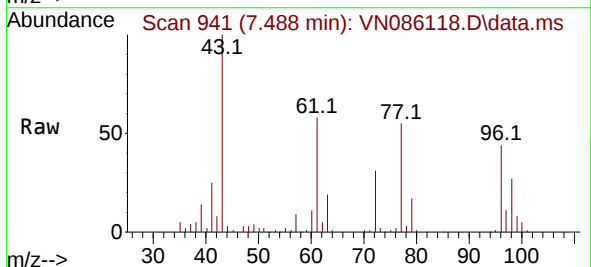
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

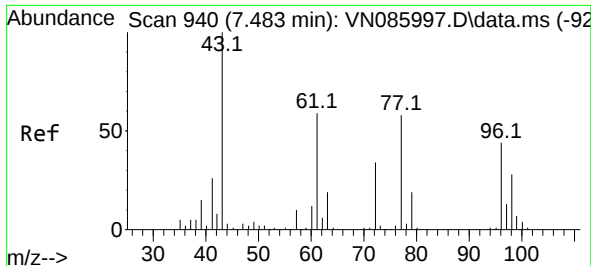
Tgt Ion: 43 Resp: 321407  
Ion Ratio Lower Upper  
43 100  
72 31.3 27.4 41.0



#26  
2,2-Dichloropropane  
Concen: 49.452 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 77 Resp: 187312  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.2 33.5

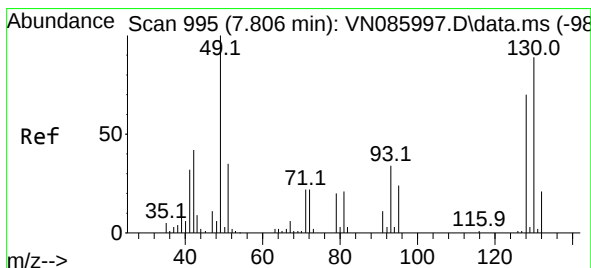
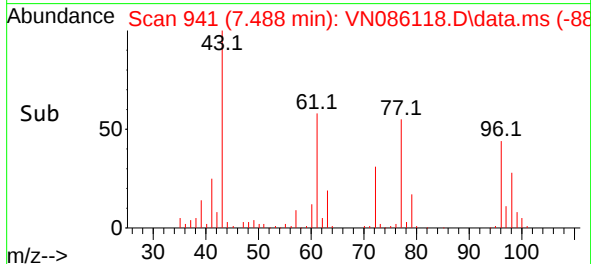
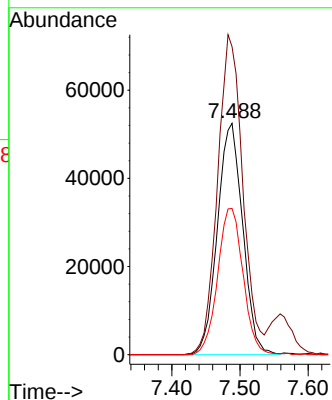
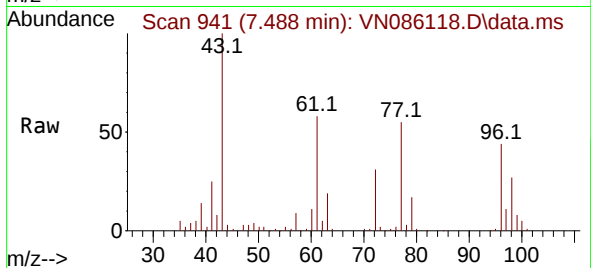




#27  
 cis-1,2-Dichloroethene  
 Concen: 54.338 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

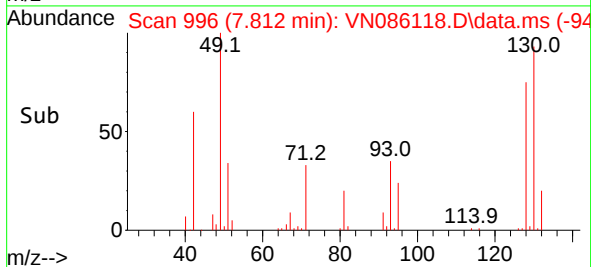
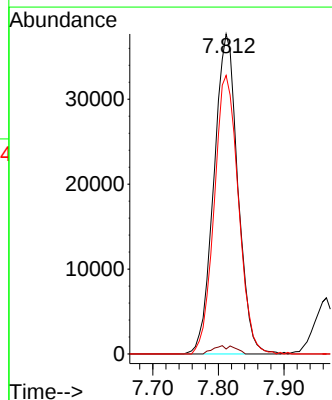
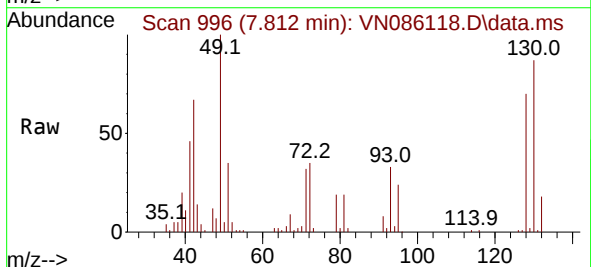
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

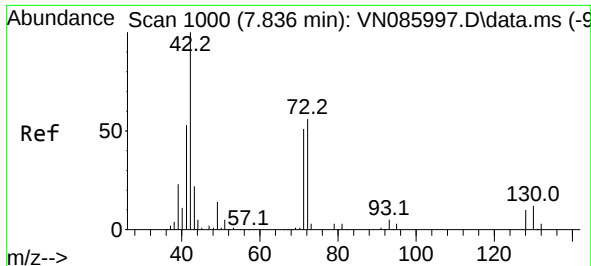
Tgt Ion: 96 Resp: 135805  
 Ion Ratio Lower Upper  
 96 100  
 61 137.8 0.0 272.8  
 98 63.5 0.0 124.8



#28  
 Bromochloromethane  
 Concen: 57.316 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

Tgt Ion: 49 Resp: 95539  
 Ion Ratio Lower Upper  
 49 100  
 129 1.4 0.0 4.2  
 130 88.0 74.2 111.4





#29

Tetrahydrofuran

Concen: 305.329 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

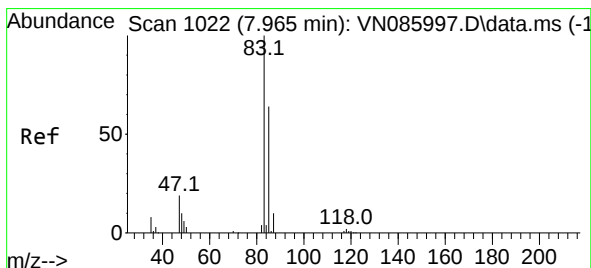
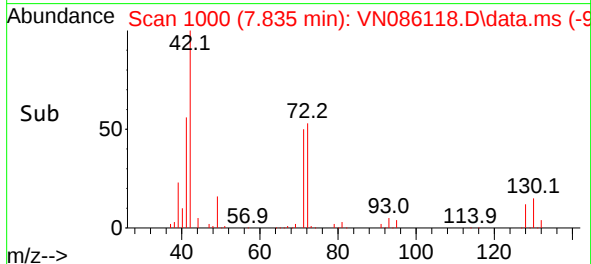
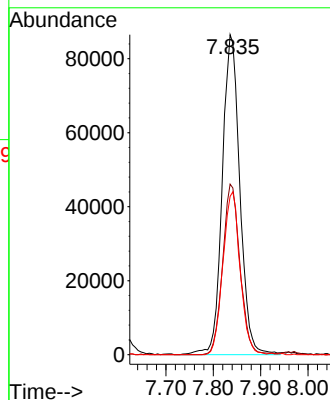
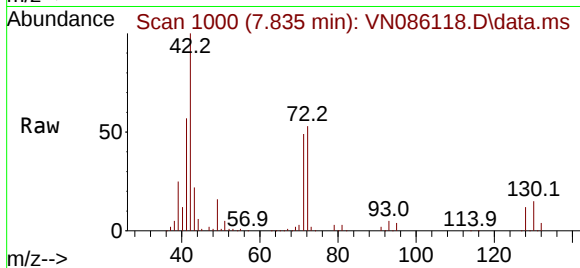
Tgt Ion: 42 Resp: 223519

Ion Ratio Lower Upper

42 100

72 52.4 45.0 67.4

71 49.6 41.9 62.9



#30

Chloroform

Concen: 52.243 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086118.D

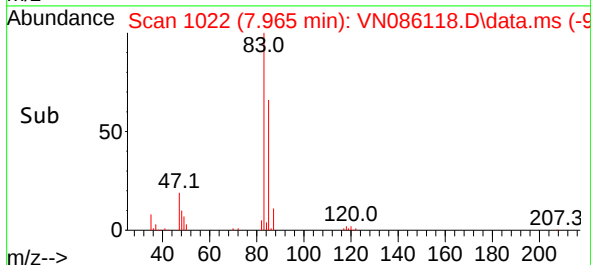
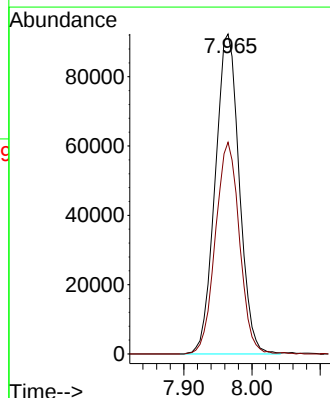
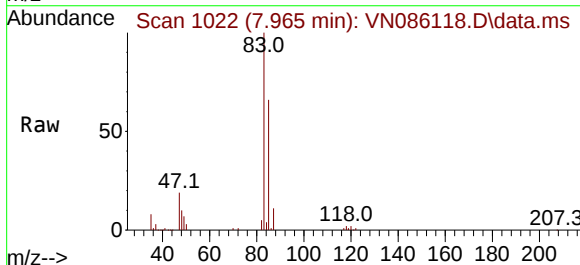
Acq: 26 Mar 2025 11:38

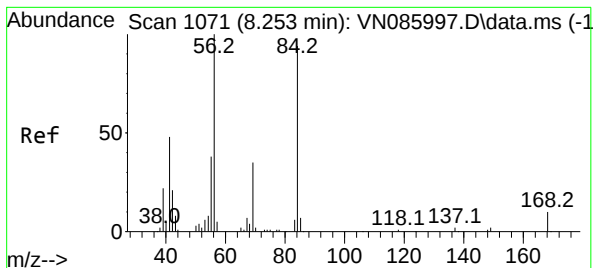
Tgt Ion: 83 Resp: 227190

Ion Ratio Lower Upper

83 100

85 66.2 51.5 77.3





#31

Cyclohexane

Concen: 51.059 ug/l

RT: 8.253 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

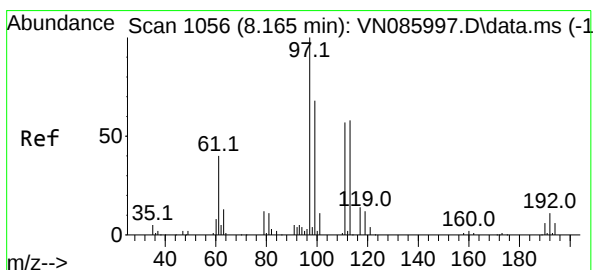
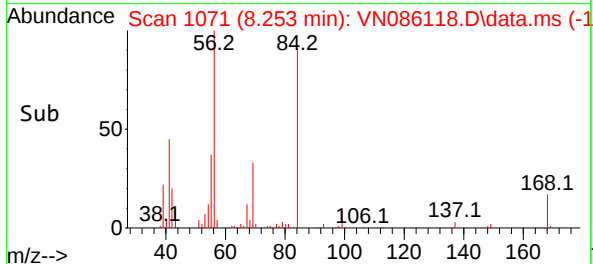
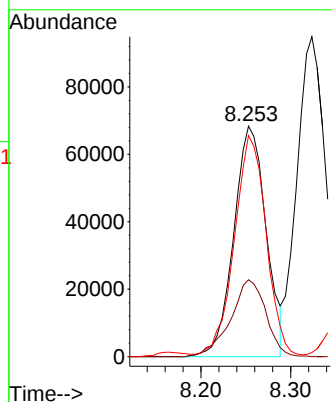
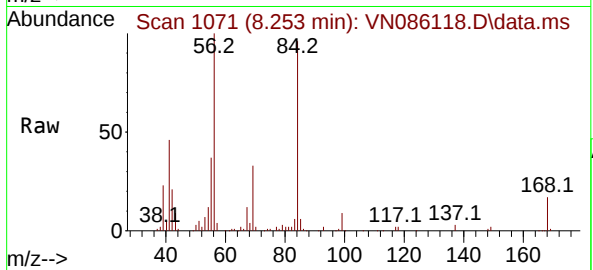
Tgt Ion: 56 Resp: 171130

Ion Ratio Lower Upper

56 100

69 33.4 28.0 42.0

84 94.3 75.0 112.6



#32

1,1,1-Trichloroethane

Concen: 50.192 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

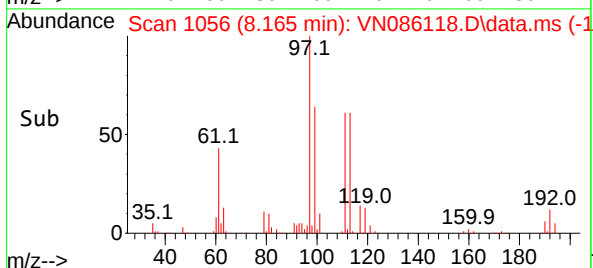
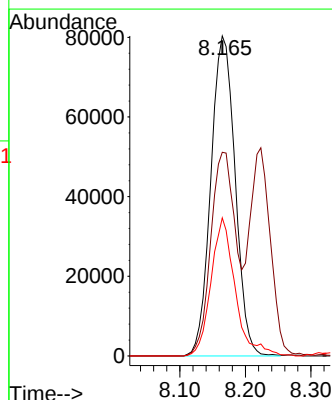
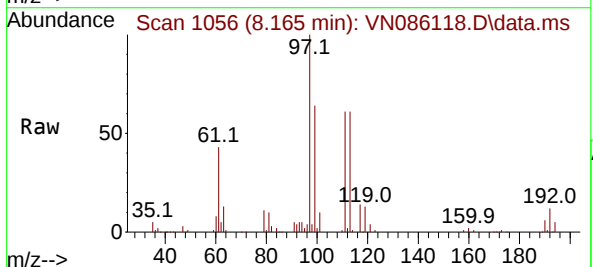
Tgt Ion: 97 Resp: 206611

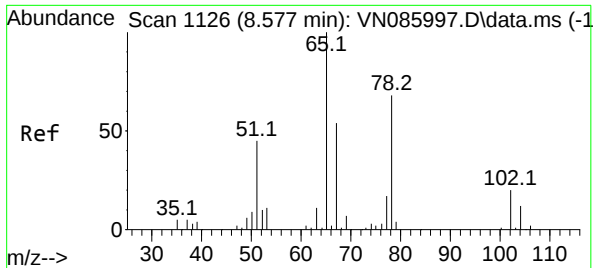
Ion Ratio Lower Upper

97 100

99 64.9 52.8 79.2

61 43.0 33.6 50.4

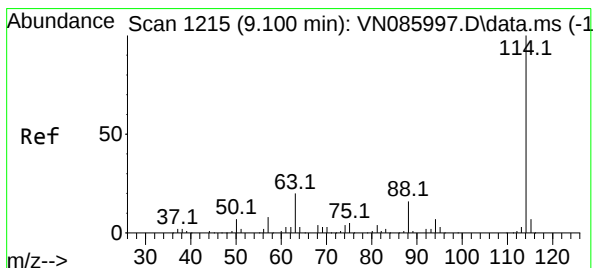
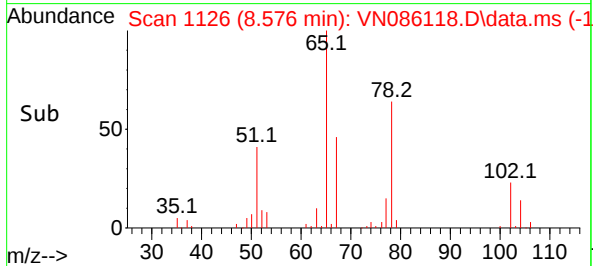
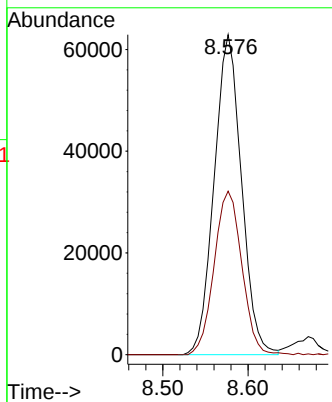
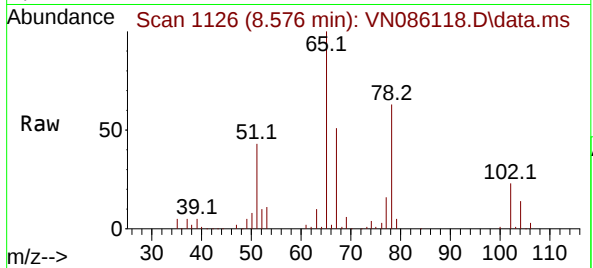




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.040 ug/l  
 RT: 8.576 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

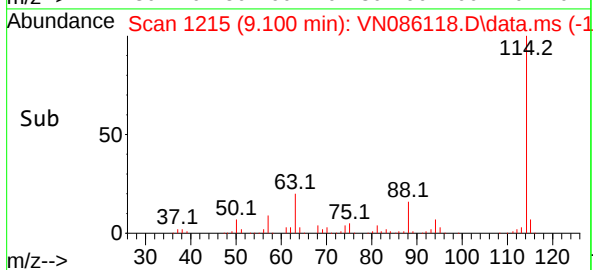
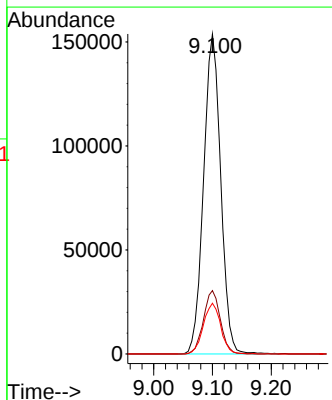
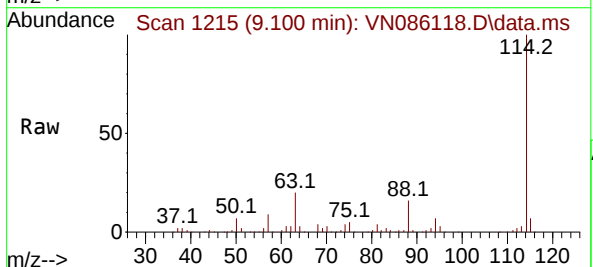
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

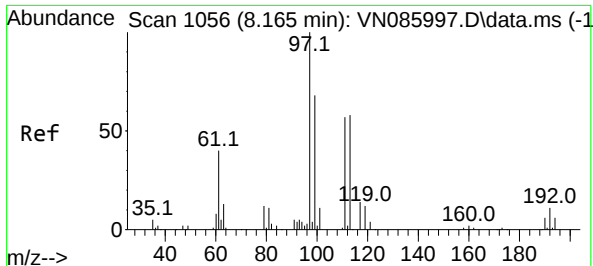
Tgt Ion: 65 Resp: 139980  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 1215  
 Delta R.T. -0.000 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

Tgt Ion: 114 Resp: 311095  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 39.6  
 88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.129 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

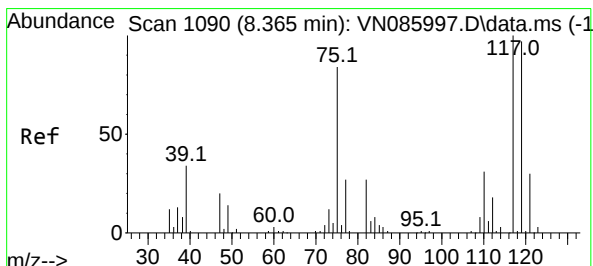
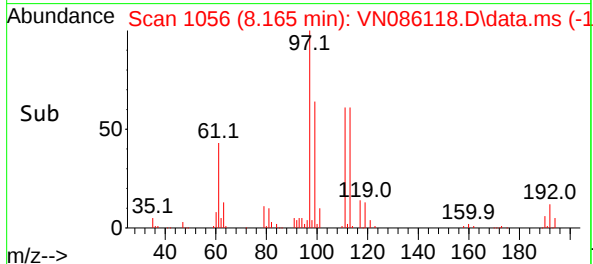
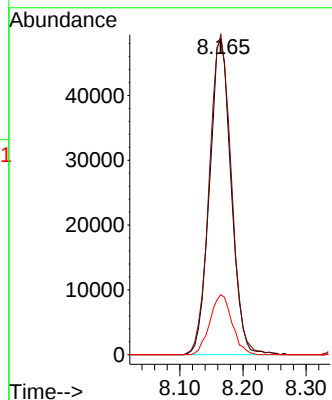
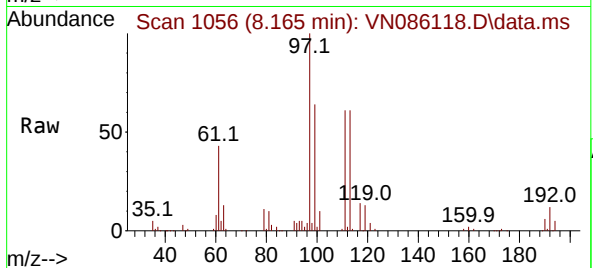
Tgt Ion:113 Resp: 115364

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

192 19.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 54.599 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

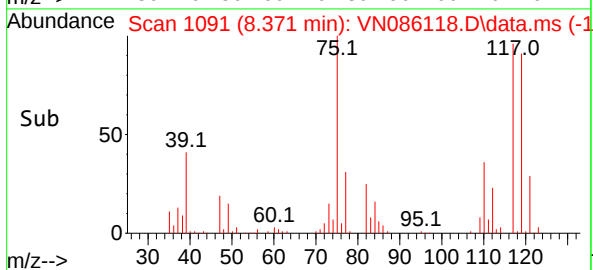
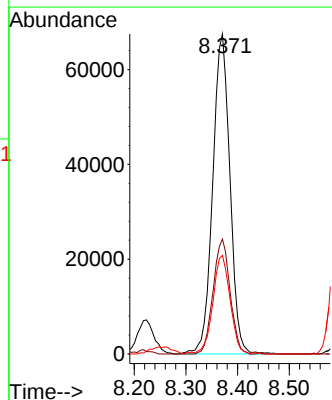
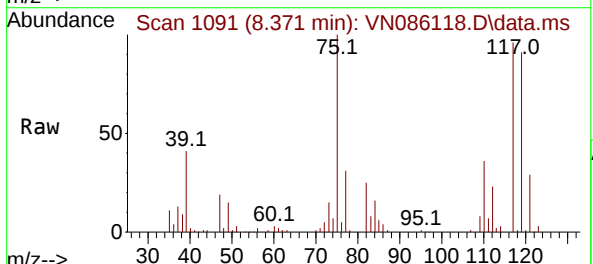
Tgt Ion: 75 Resp: 156110

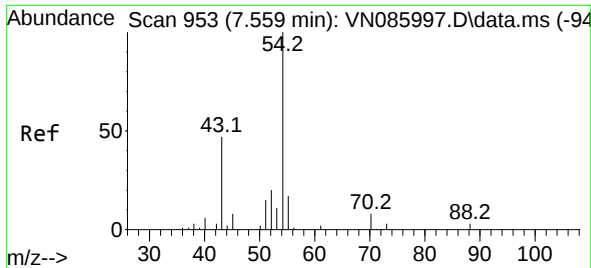
Ion Ratio Lower Upper

75 100

110 35.3 17.8 53.3

77 30.8 25.0 37.4

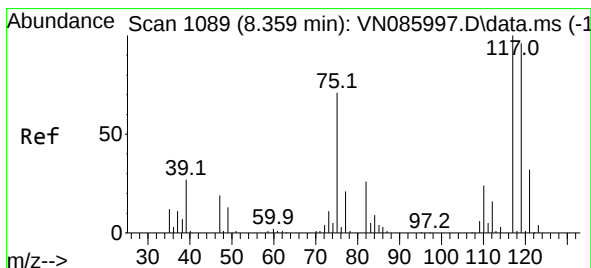
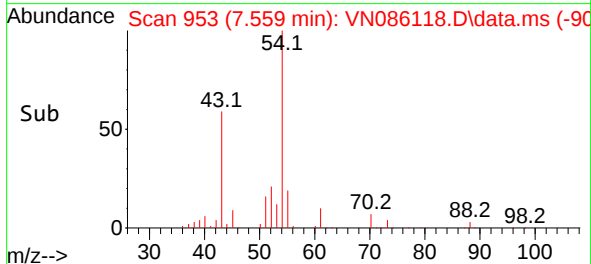
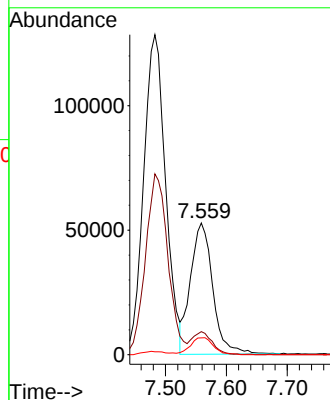
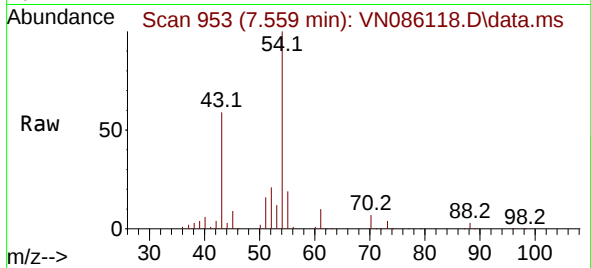




#37  
Ethyl Acetate  
Concen: 55.769 ug/l  
RT: 7.559 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

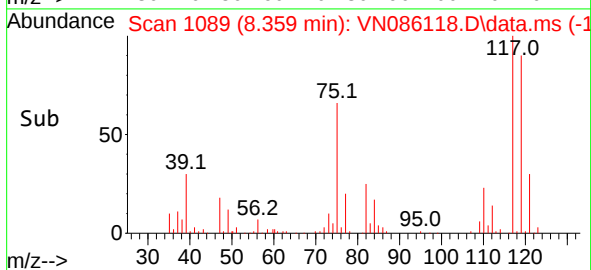
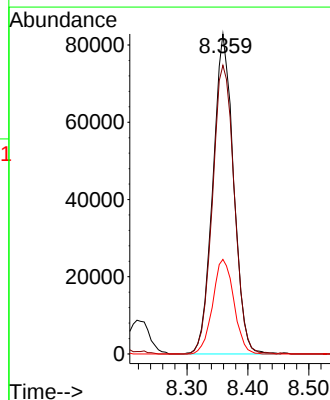
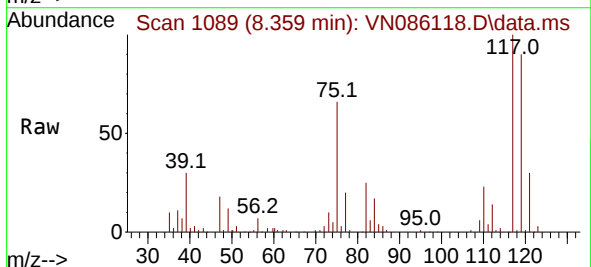
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

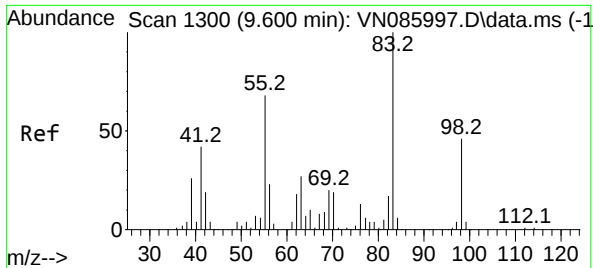
Tgt Ion: 43 Resp: 134523  
Ion Ratio Lower Upper  
43 100  
61 15.8 13.0 19.4  
70 13.3 11.0 16.6



#38  
Carbon Tetrachloride  
Concen: 51.998 ug/l  
RT: 8.359 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 117 Resp: 195481  
Ion Ratio Lower Upper  
117 100  
119 90.2 77.0 115.4  
121 29.6 25.6 38.4

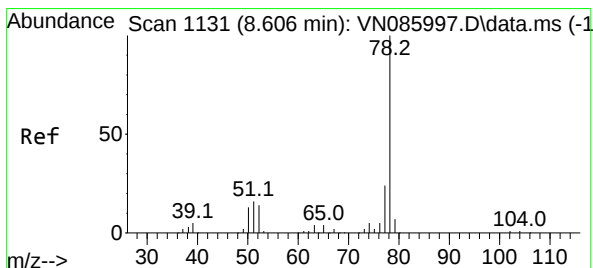
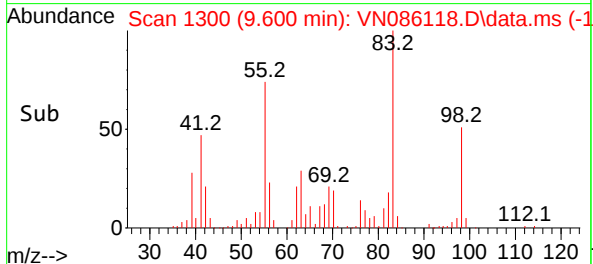
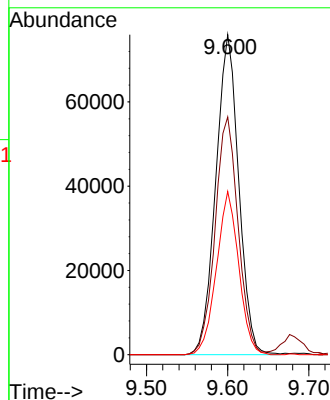
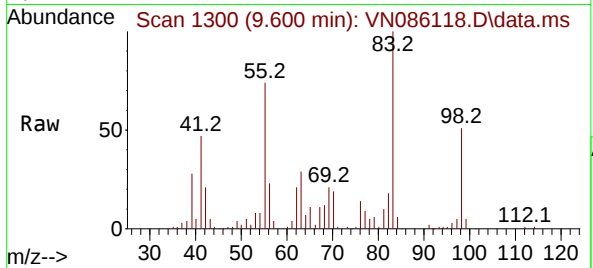




#39  
Methylcyclohexane  
Concen: 52.699 ug/l  
RT: 9.600 min Scan# 11300  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

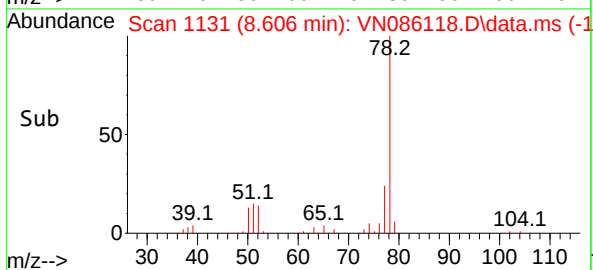
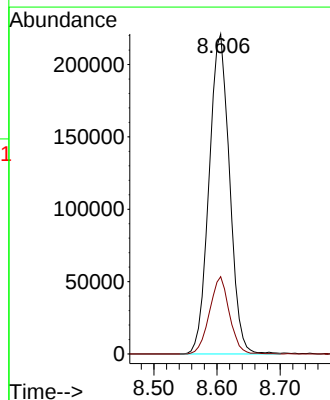
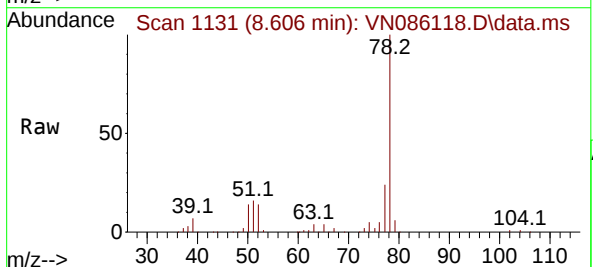
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

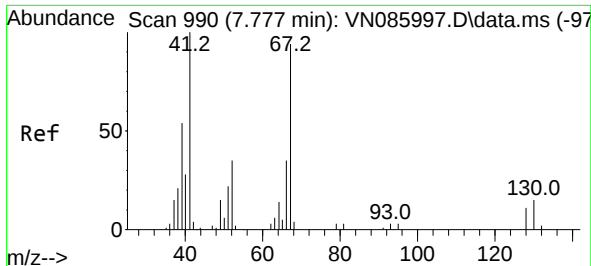
Tgt Ion: 83 Resp: 149493  
Ion Ratio Lower Upper  
83 100  
55 74.3 54.2 81.2  
98 51.0 37.1 55.7



#40  
Benzene  
Concen: 55.451 ug/l  
RT: 8.606 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 78 Resp: 497717  
Ion Ratio Lower Upper  
78 100  
77 24.1 18.9 28.3

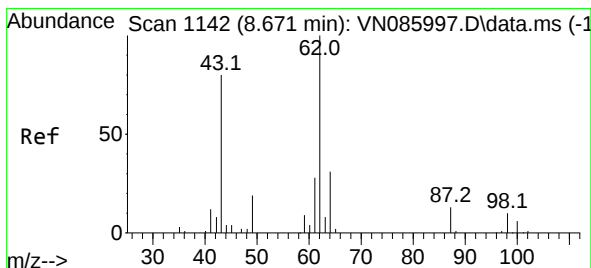
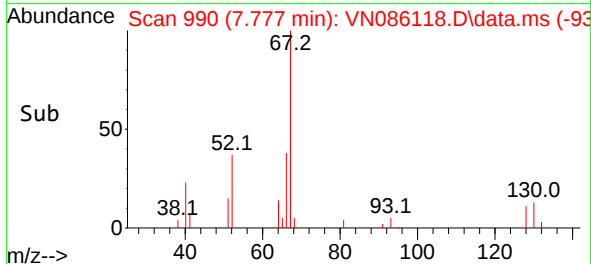
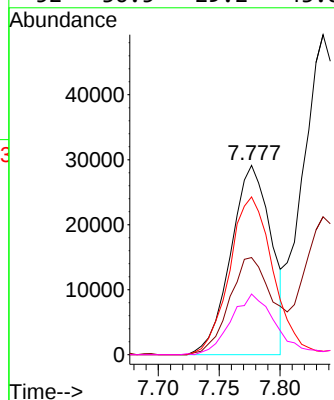
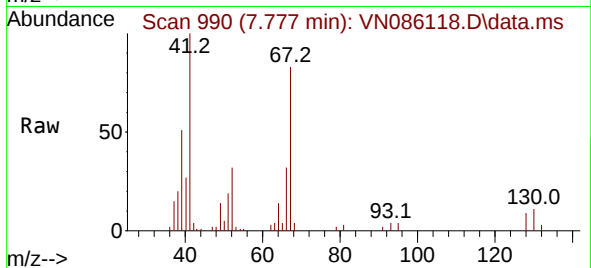




#41  
Methacrylonitrile  
Concen: 58.402 ug/l  
RT: 7.777 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

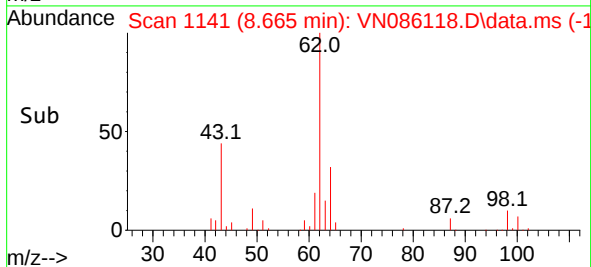
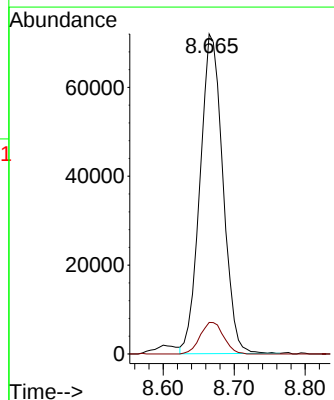
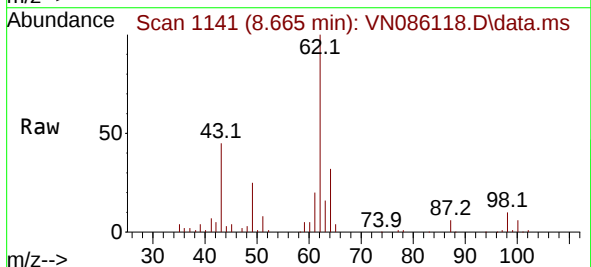
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

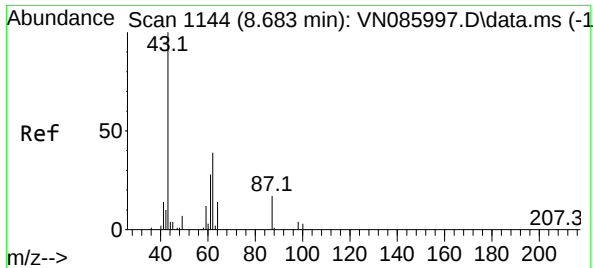
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 67268 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.1  | 46.2  | 69.2  |
| 67       | 91.3  | 75.9  | 113.9 |
| 52       | 36.5  | 29.2  | 43.8  |



#42  
1,2-Dichloroethane  
Concen: 51.402 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 160761 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.2  | 0.0   | 18.6   |

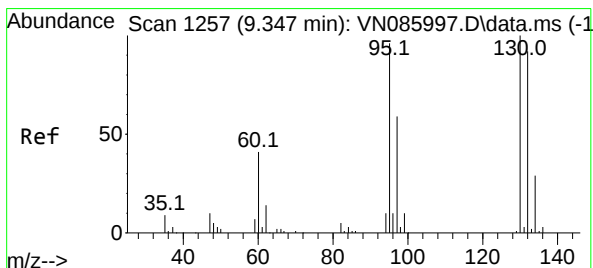
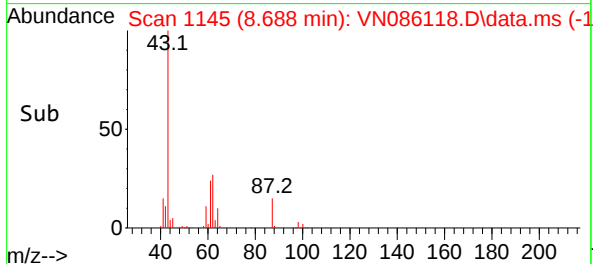
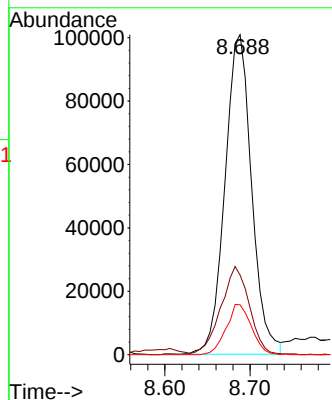
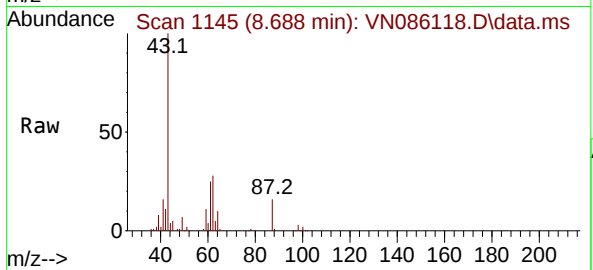




#43  
Isopropyl Acetate  
Concen: 41.966 ug/l  
RT: 8.688 min Scan# 1145  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

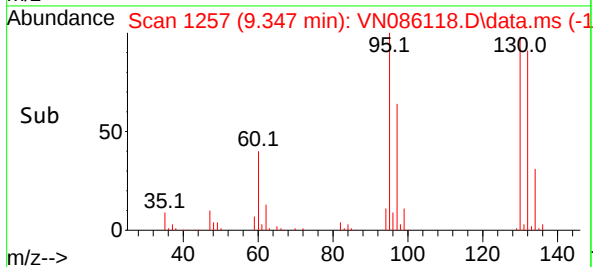
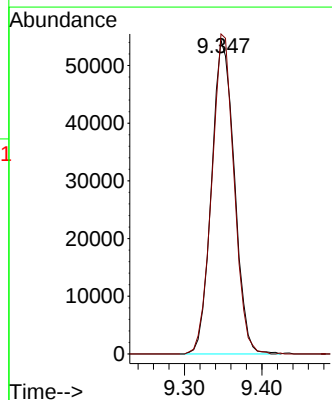
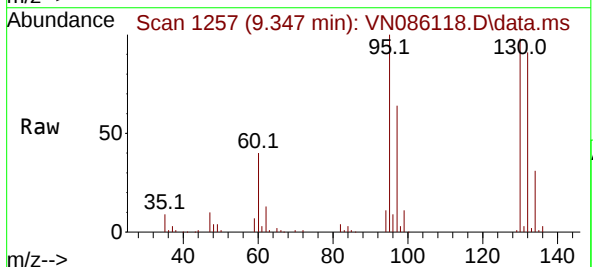
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

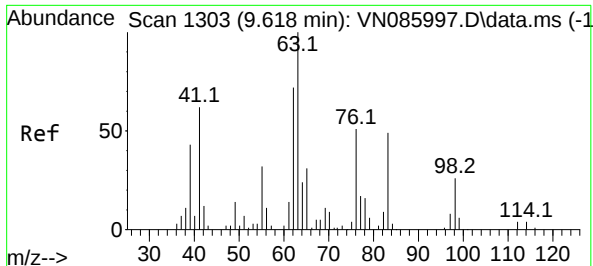
Tgt Ion: 43 Resp: 219356  
Ion Ratio Lower Upper  
43 100  
61 29.6 25.0 37.6  
87 14.9 13.0 19.4



#44  
Trichloroethene  
Concen: 48.025 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:130 Resp: 111720  
Ion Ratio Lower Upper  
130 100  
95 102.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 58.773 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

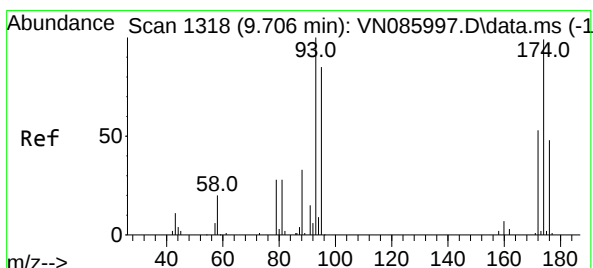
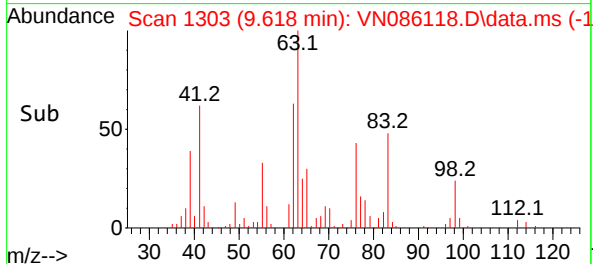
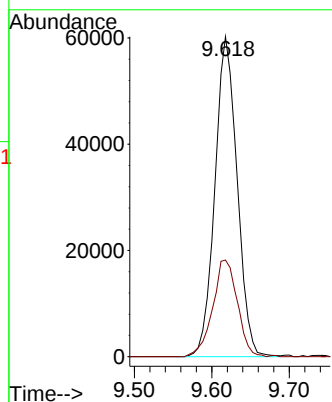
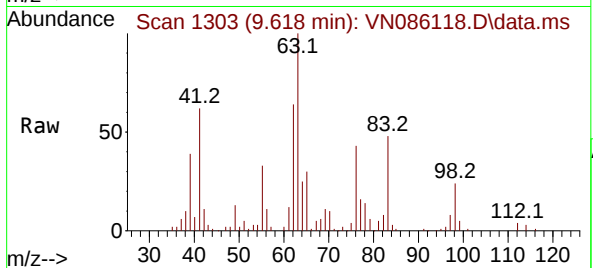
VSTDCCC050

Tgt Ion: 63 Resp: 119985

Ion Ratio Lower Upper

63 100

65 30.2 24.7 37.1



#46

Dibromomethane

Concen: 54.975 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

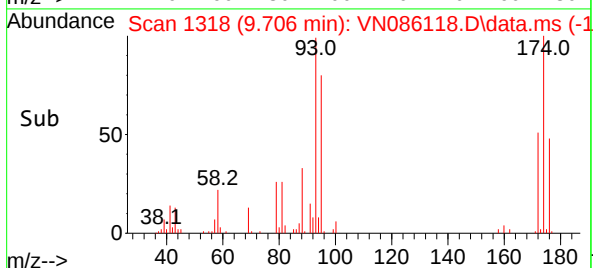
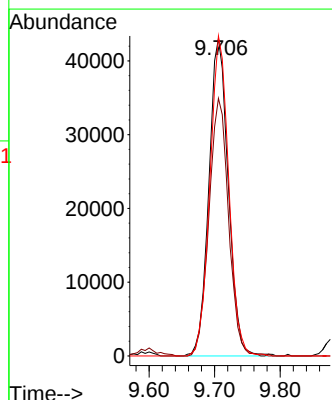
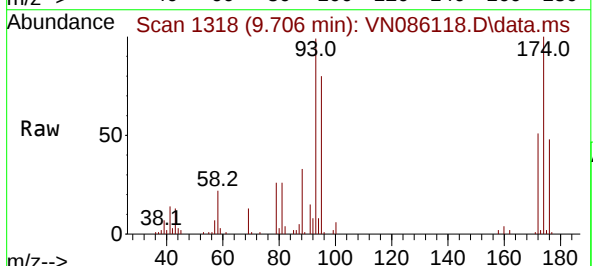
Tgt Ion: 93 Resp: 88261

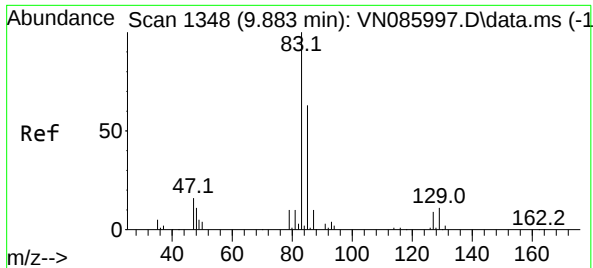
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

174 98.3 80.1 120.1

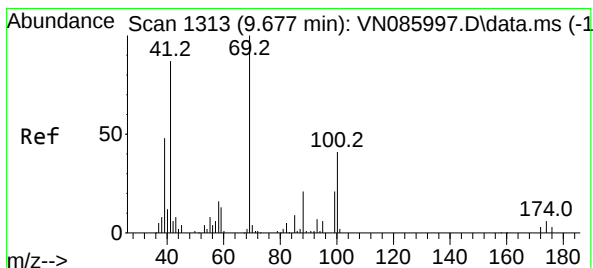
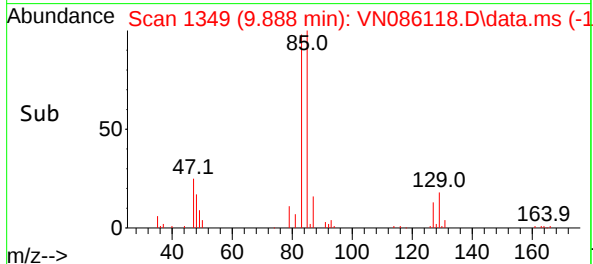
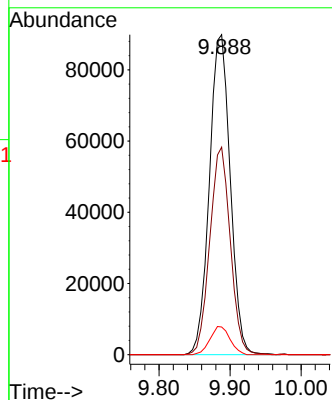
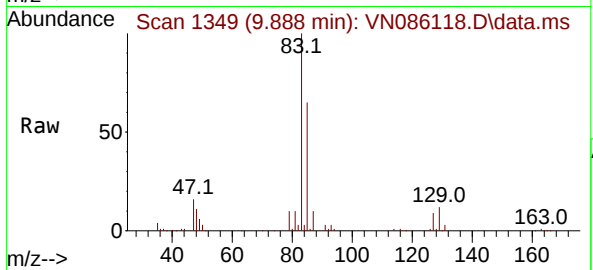




#47  
Bromodichloromethane  
Concen: 54.639 ug/l  
RT: 9.888 min Scan# 1348  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

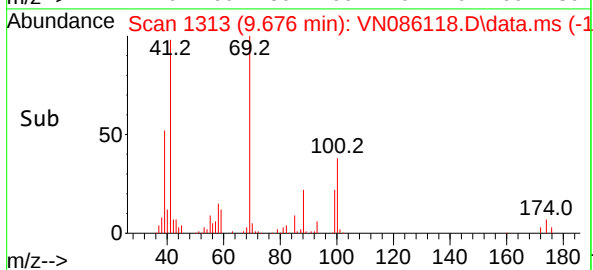
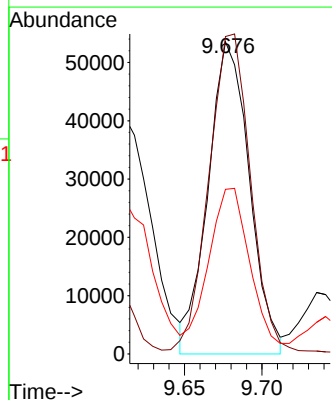
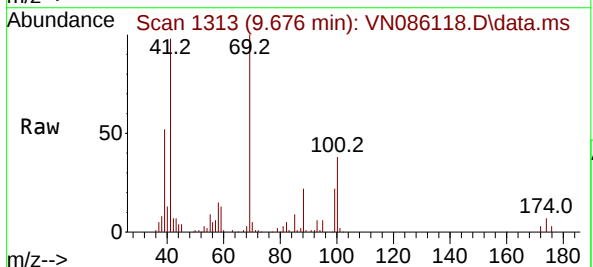
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

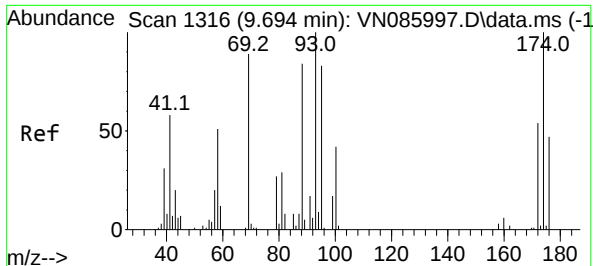
Tgt Ion: 83 Resp: 183335  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.2 75.2  
127 8.6 7.1 10.7



#48  
Methyl methacrylate  
Concen: 57.423 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 41 Resp: 99046  
Ion Ratio Lower Upper  
41 100  
69 105.0 83.1 124.7  
39 54.3 45.6 68.4





#49

1,4-Dioxane

Concen: 1139.898 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

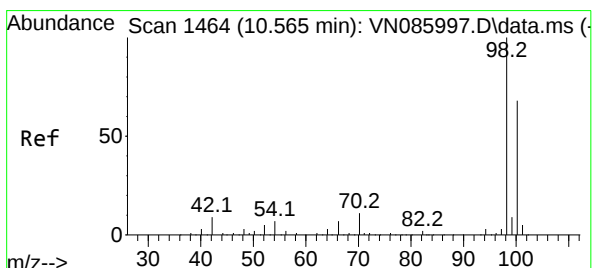
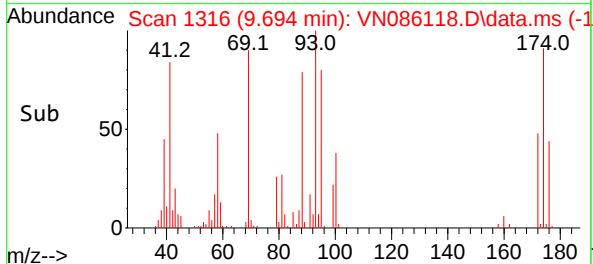
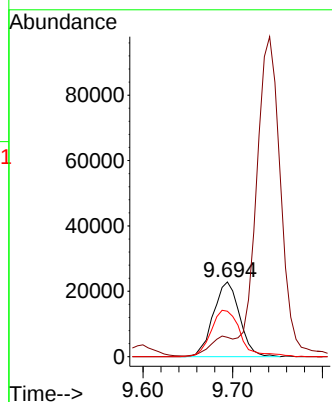
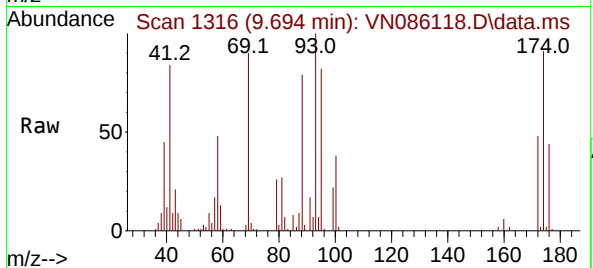
Tgt Ion: 88 Resp: 46479

Ion Ratio Lower Upper

88 100

43 22.9 21.7 32.5

58 69.8 50.4 75.6



#50

Toluene-d8

Concen: 56.091 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086118.D

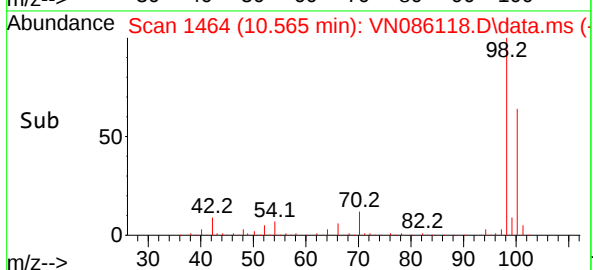
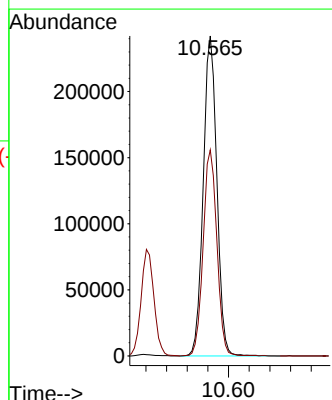
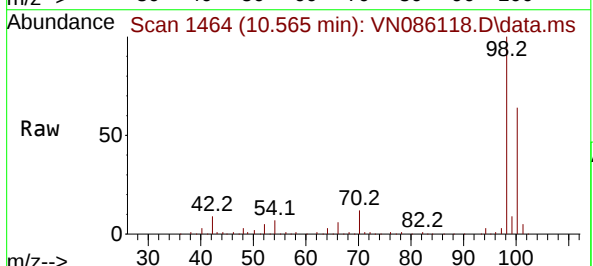
Acq: 26 Mar 2025 11:38

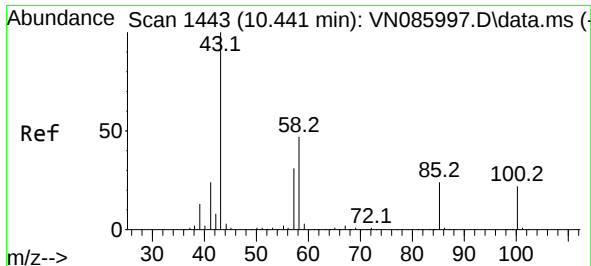
Tgt Ion: 98 Resp: 442033

Ion Ratio Lower Upper

98 100

100 64.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 312.748 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

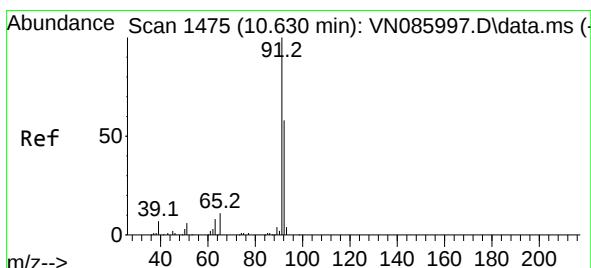
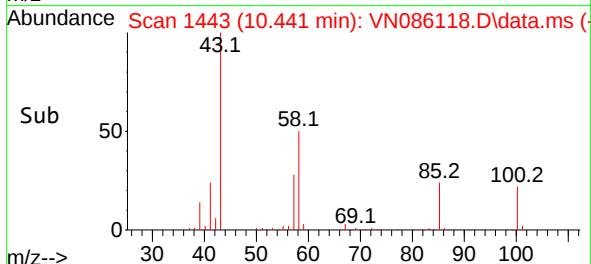
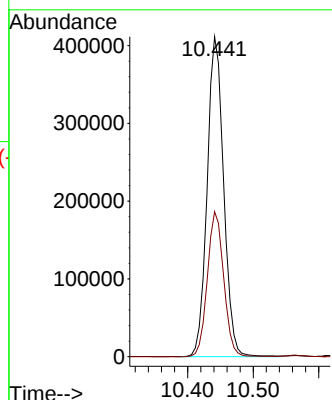
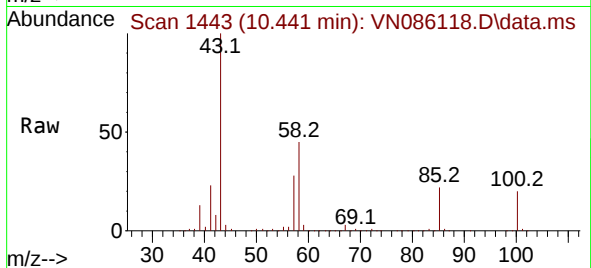
VSTDCCC050

Tgt Ion: 43 Resp: 720953

Ion Ratio Lower Upper

43 100

58 44.8 37.4 56.0



#52

Toluene

Concen: 57.860 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086118.D

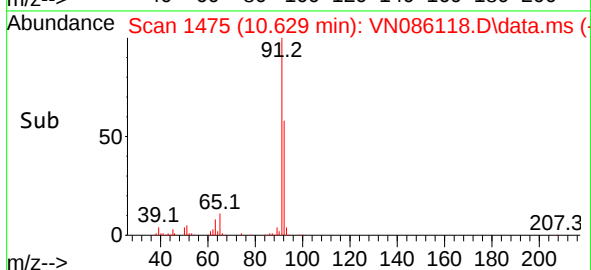
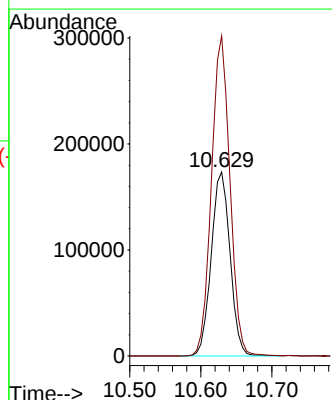
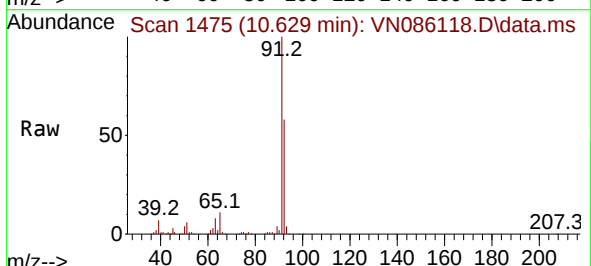
Acq: 26 Mar 2025 11:38

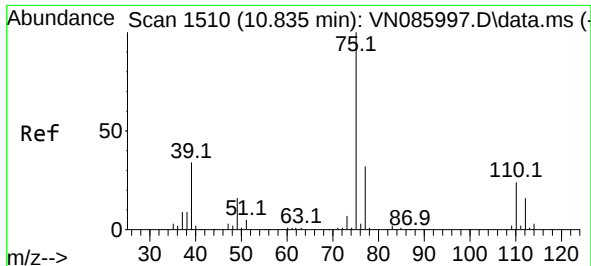
Tgt Ion: 92 Resp: 318743

Ion Ratio Lower Upper

92 100

91 171.1 136.2 204.4

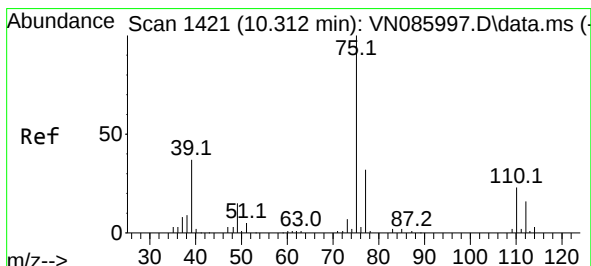
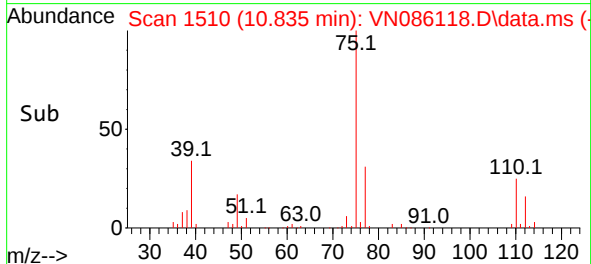
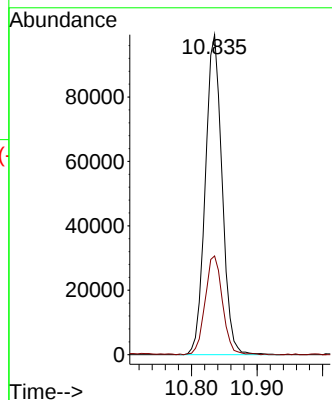
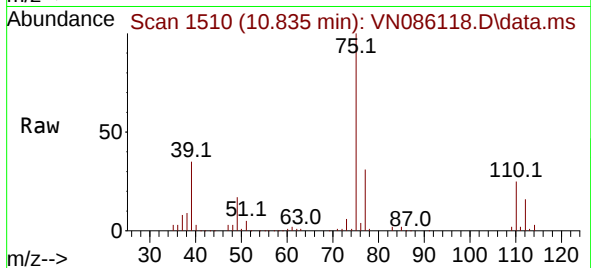




#53  
t-1,3-Dichloropropene  
Concen: 54.260 ug/l  
RT: 10.835 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

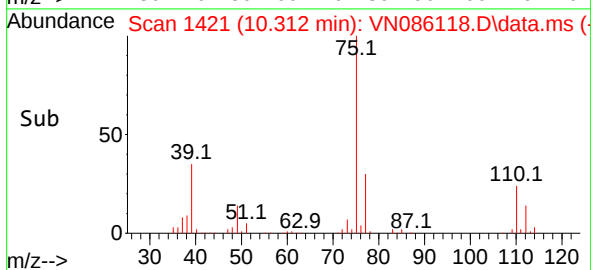
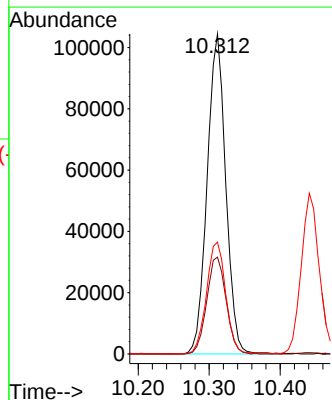
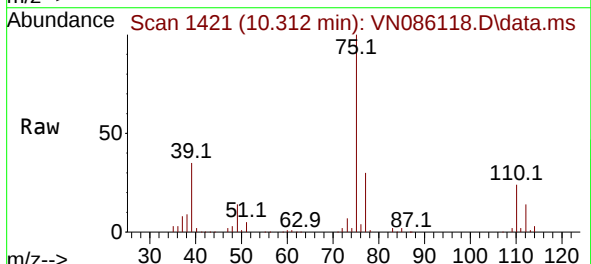
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

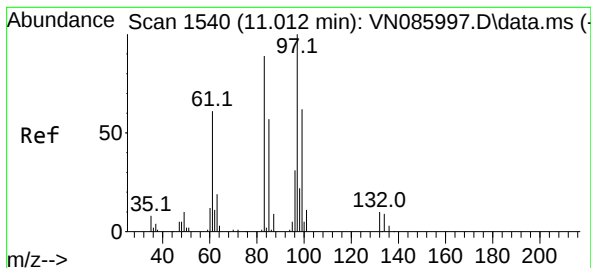
Tgt Ion: 75 Resp: 176812  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.3 37.9



#54  
cis-1,3-Dichloropropene  
Concen: 55.312 ug/l  
RT: 10.312 min Scan# 1421  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 75 Resp: 190167  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.3 37.9  
39 35.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 58.161 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 122289

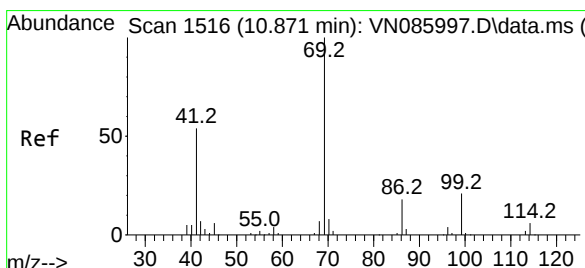
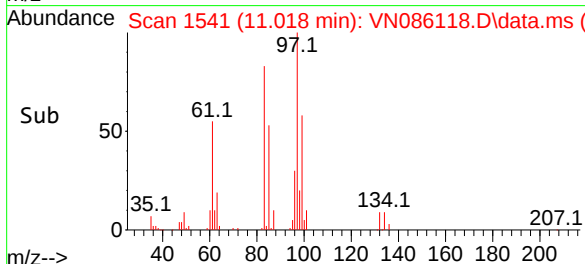
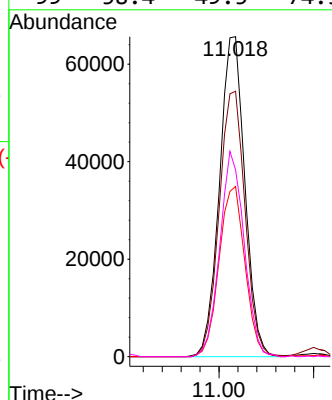
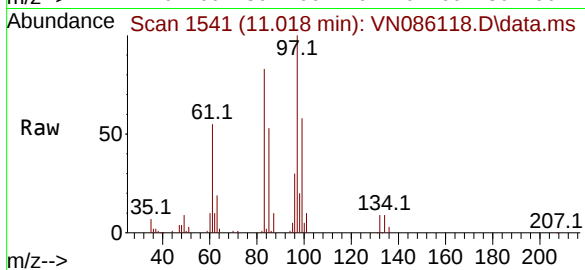
Ion Ratio Lower Upper

97 100

83 82.9 71.2 106.8

85 53.2 45.4 68.0

99 58.4 49.5 74.3



#56

Ethyl methacrylate

Concen: 52.696 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.001 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

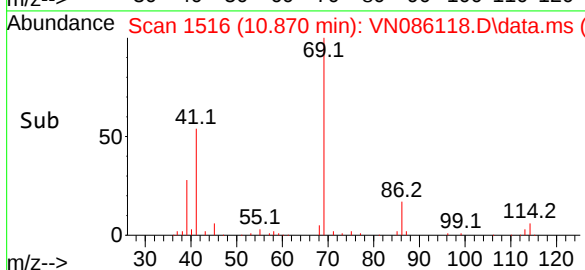
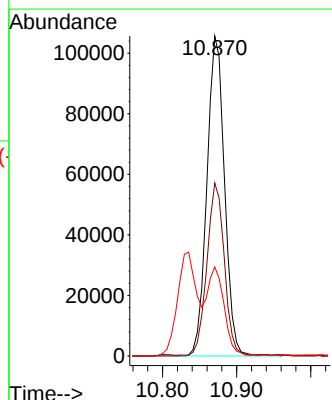
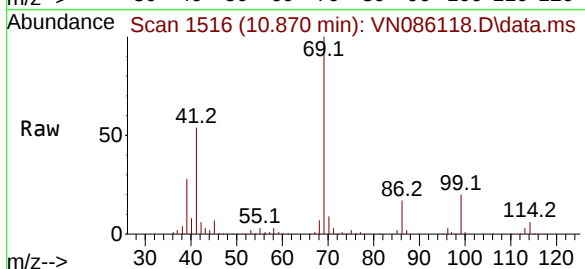
Tgt Ion: 69 Resp: 174716

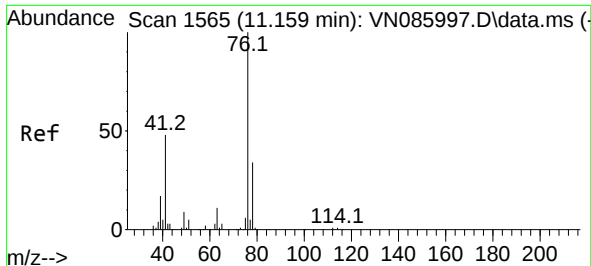
Ion Ratio Lower Upper

69 100

41 52.8 41.6 62.4

39 26.3 21.8 32.8

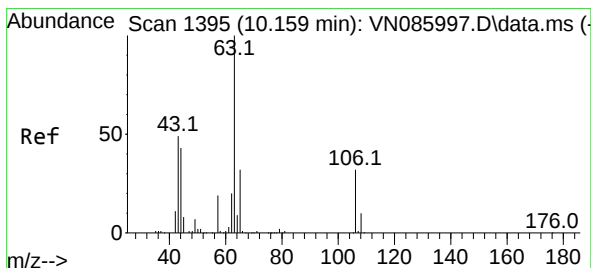
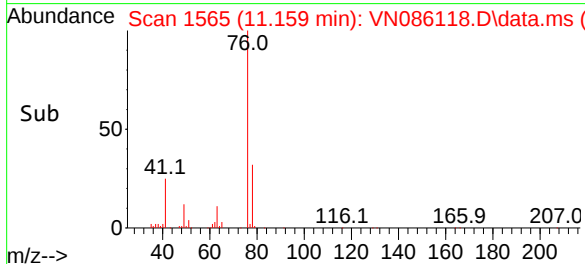
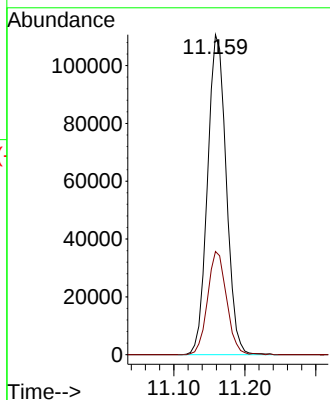
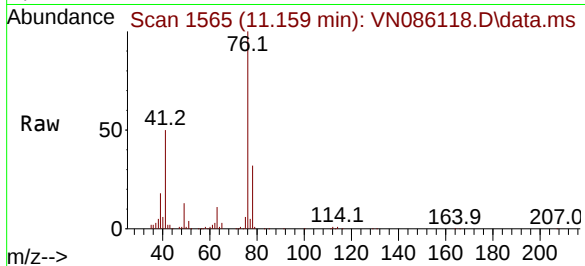




#57  
1,3-Dichloropropane  
Concen: 56.748 ug/l  
RT: 11.159 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

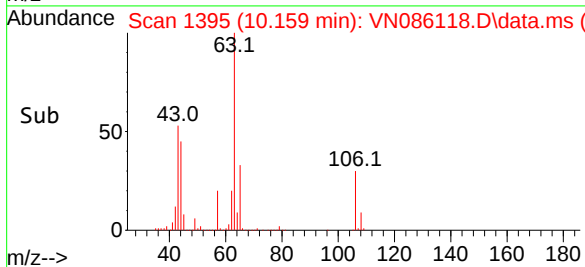
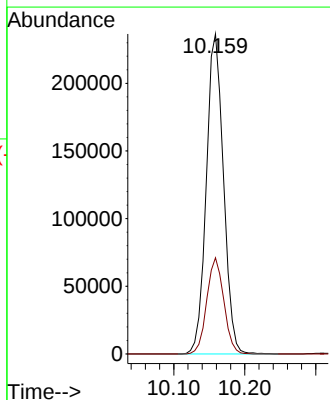
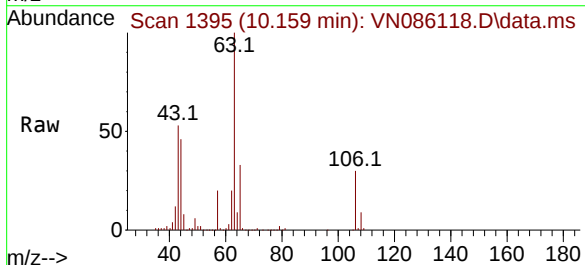
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

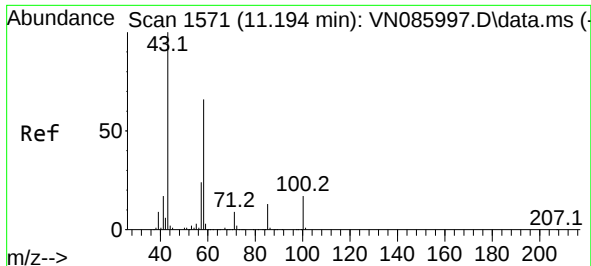
Tgt Ion: 76 Resp: 202658  
Ion Ratio Lower Upper  
76 100  
78 32.8 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 302.859 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 63 Resp: 396989  
Ion Ratio Lower Upper  
63 100  
106 29.8 25.0 37.6

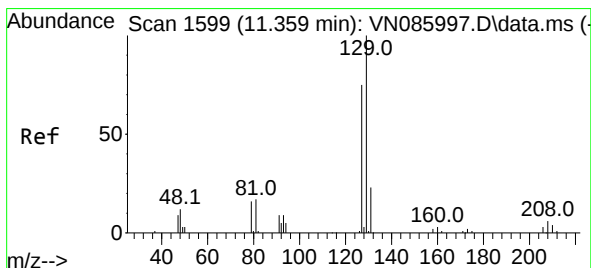
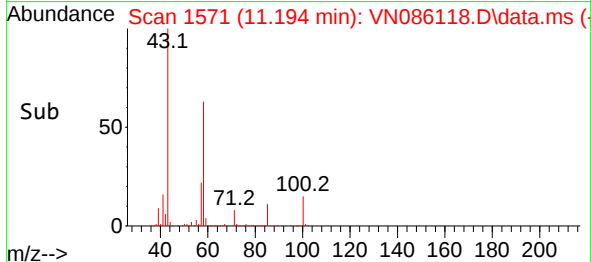
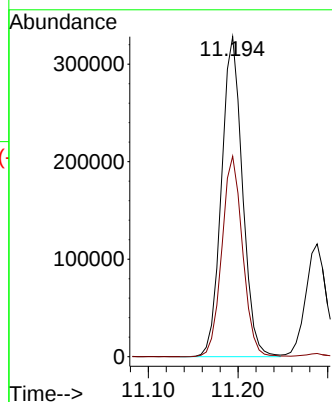
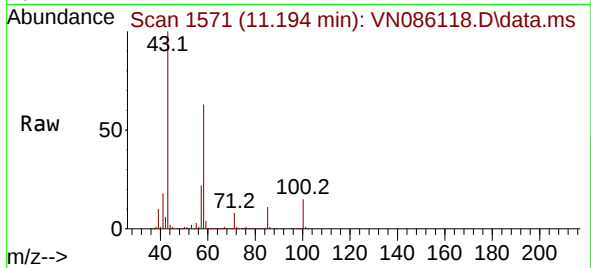




#59  
2-Hexanone  
Concen: 317.178 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

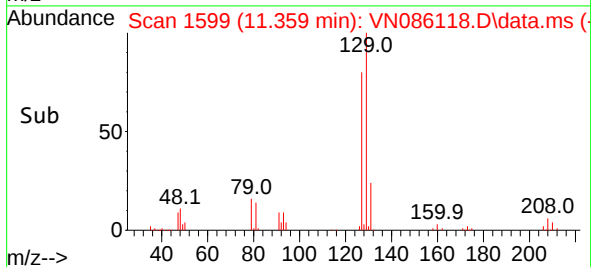
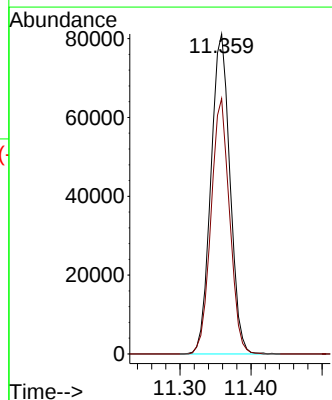
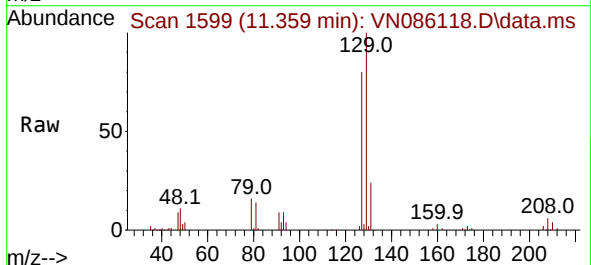
Instrument :  
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ClientSampleId :  
VSTDCCC050

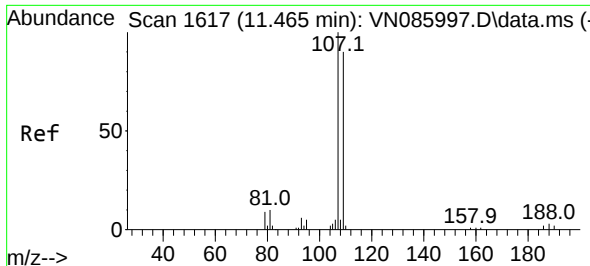
Tgt Ion: 43 Resp: 532648  
Ion Ratio Lower Upper  
43 100  
58 61.9 32.4 97.2



#60  
Dibromochloromethane  
Concen: 55.744 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:129 Resp: 151243  
Ion Ratio Lower Upper  
129 100  
127 77.5 37.8 113.4

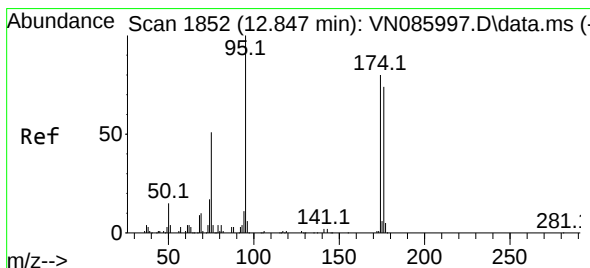
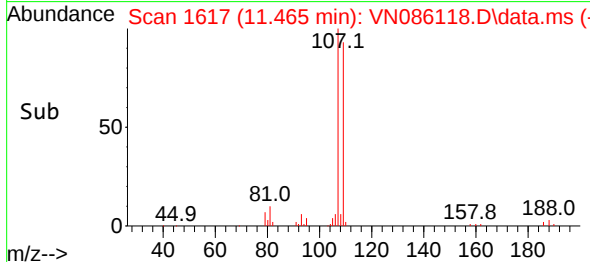
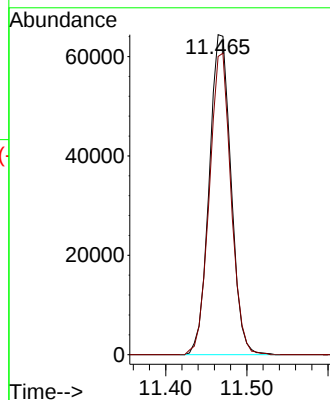
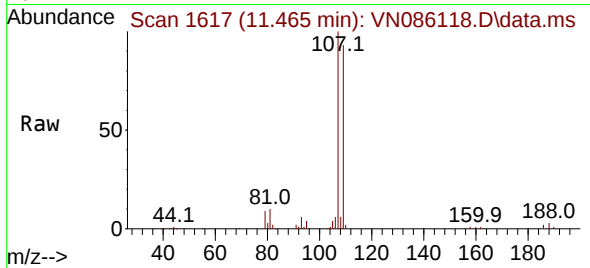




#61  
1,2-Dibromoethane  
Concen: 55.653 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

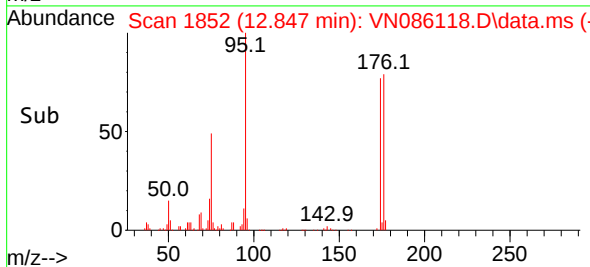
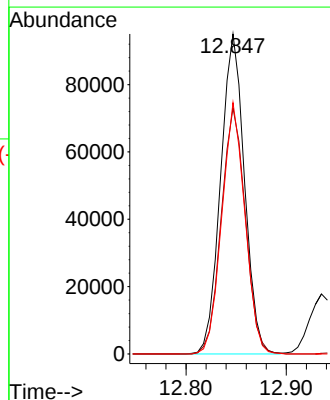
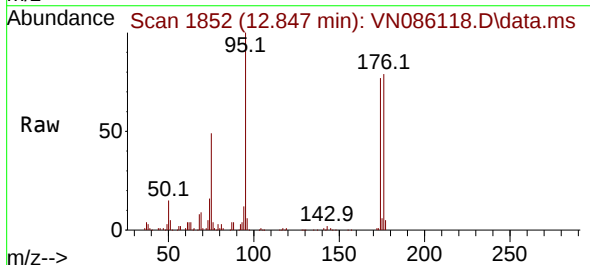
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

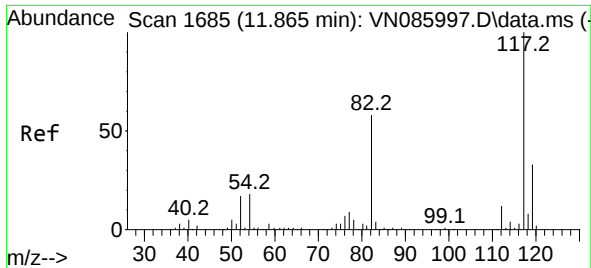
Tgt Ion:107 Resp: 120130  
Ion Ratio Lower Upper  
107 100  
109 93.6 73.3 109.9



#62  
4-Bromofluorobenzene  
Concen: 55.665 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 95 Resp: 156447  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 156.8  
176 76.1 0.0 152.2

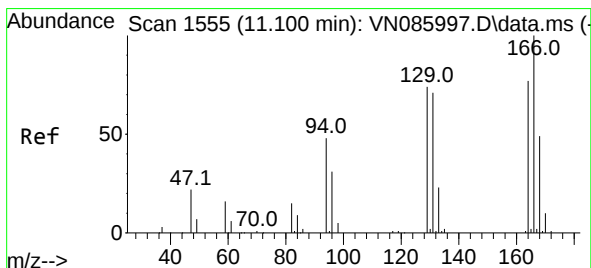
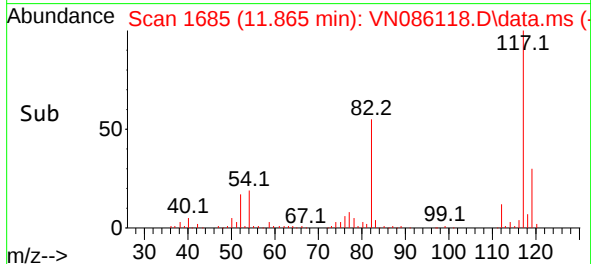
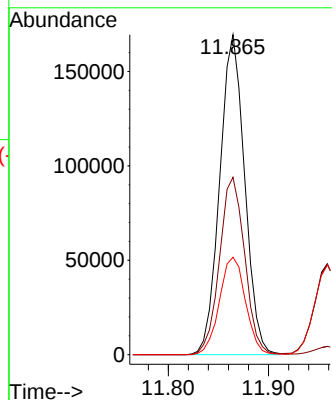
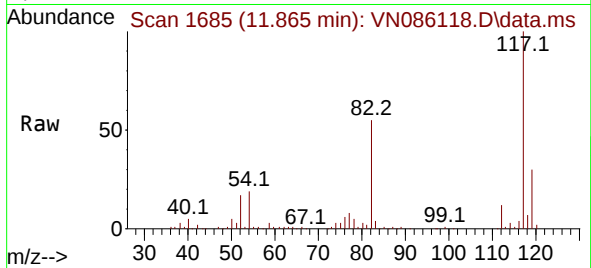




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

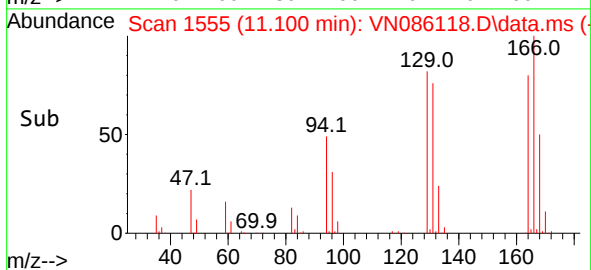
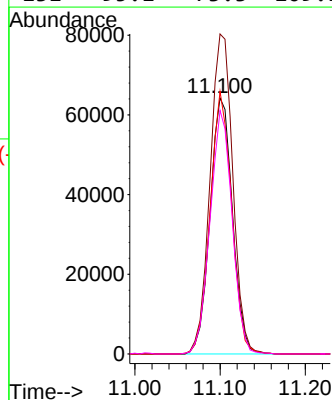
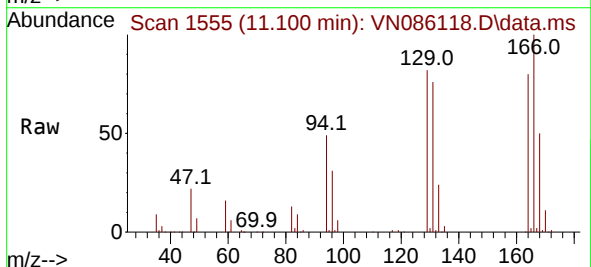
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

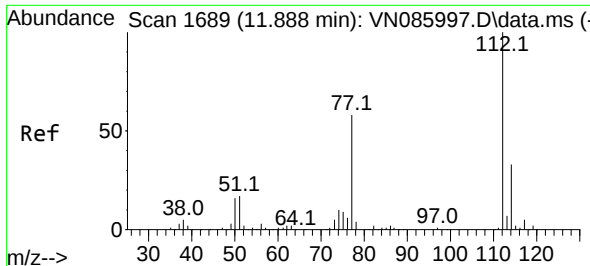
Tgt Ion:117 Resp: 292741  
Ion Ratio Lower Upper  
117 100  
82 55.4 46.7 70.1  
119 30.5 26.5 39.7



#64  
Tetrachloroethene  
Concen: 50.271 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:164 Resp: 117394  
Ion Ratio Lower Upper  
164 100  
166 125.0 103.7 155.5  
129 102.5 77.1 115.7  
131 95.1 73.3 109.9

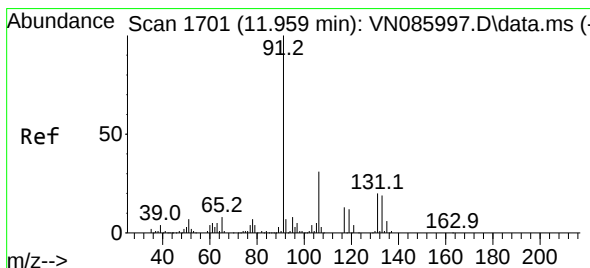
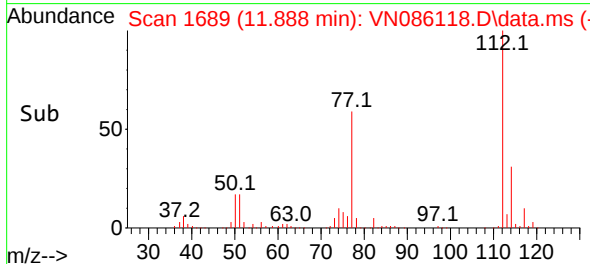
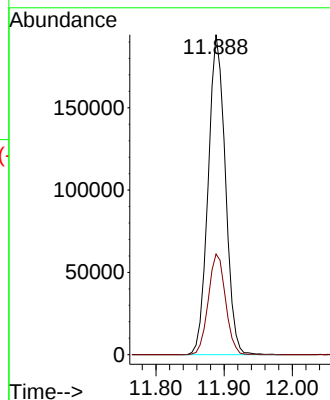
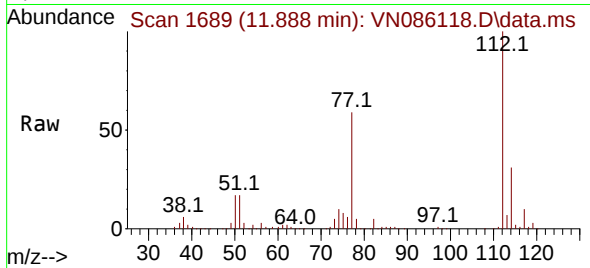




#65  
Chlorobenzene  
Concen: 50.864 ug/l  
RT: 11.888 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

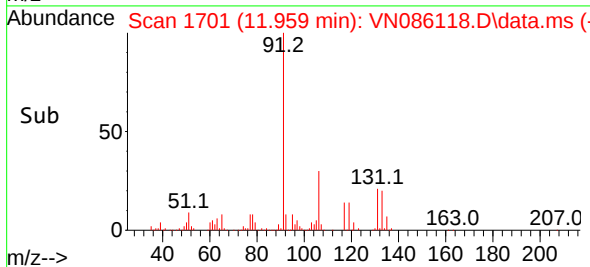
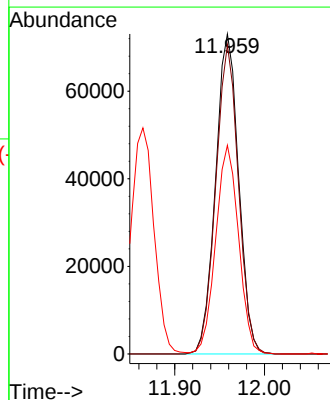
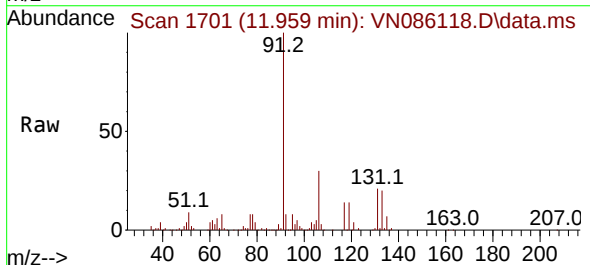
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

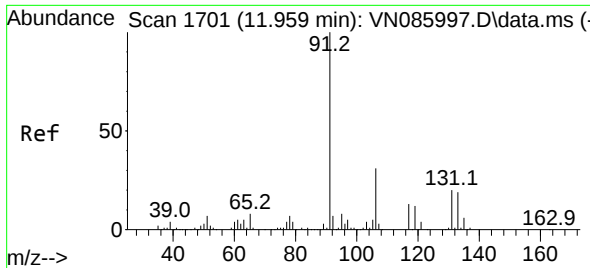
Tgt Ion:112 Resp: 340722  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.386 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:131 Resp: 130449  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.0 141.0  
119 64.7 31.4 94.0

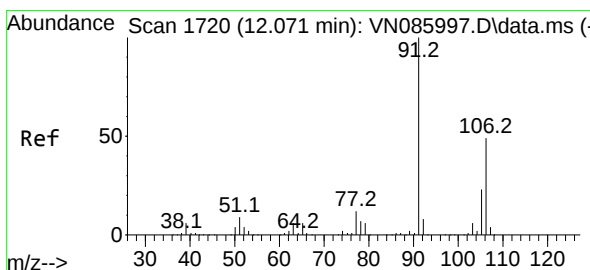
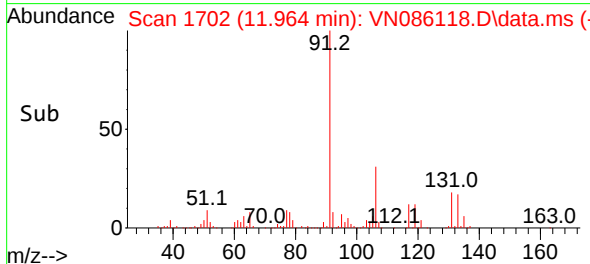
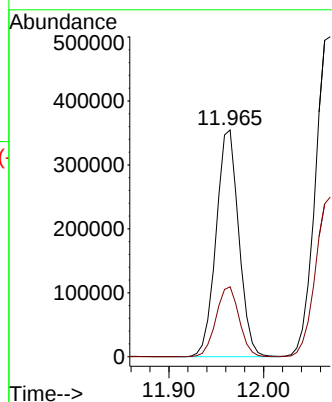
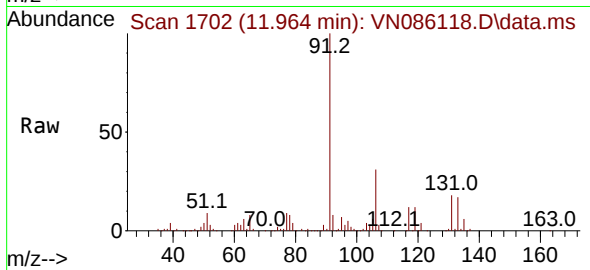




#67  
Ethyl Benzene  
Concen: 55.015 ug/l  
RT: 11.964 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

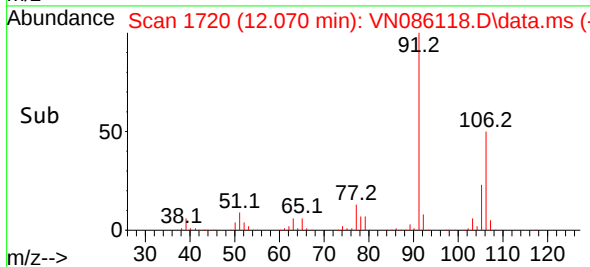
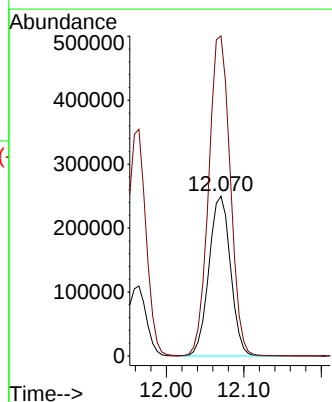
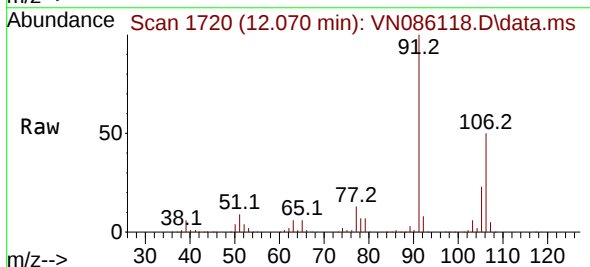
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

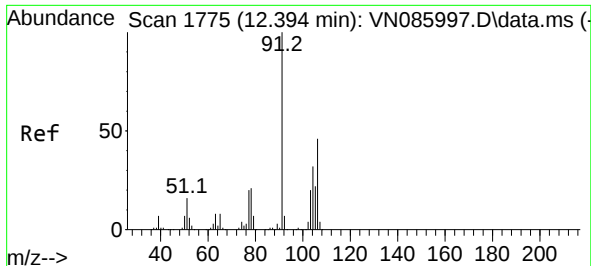
Tgt Ion: 91 Resp: 589509  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.5 36.7



#68  
m/p-Xylenes  
Concen: 114.901 ug/l  
RT: 12.070 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:106 Resp: 483923  
Ion Ratio Lower Upper  
106 100  
91 199.9 163.9 245.9

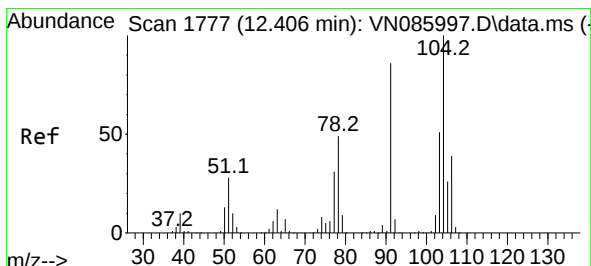
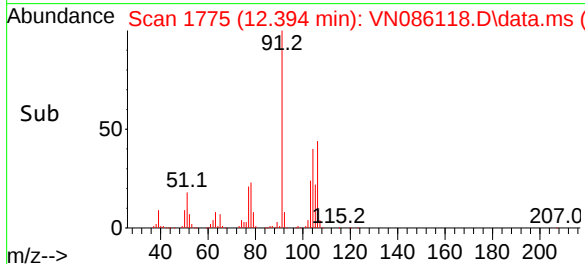
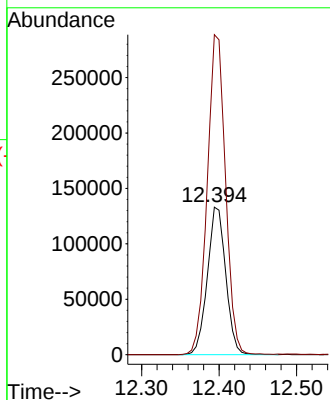
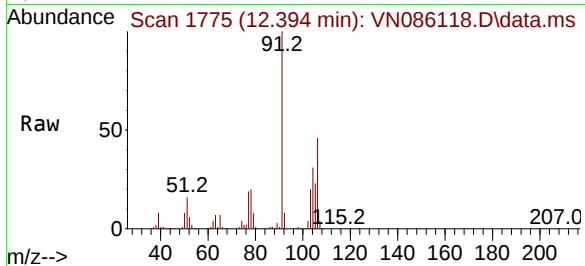




#69  
o-Xylene  
Concen: 56.692 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

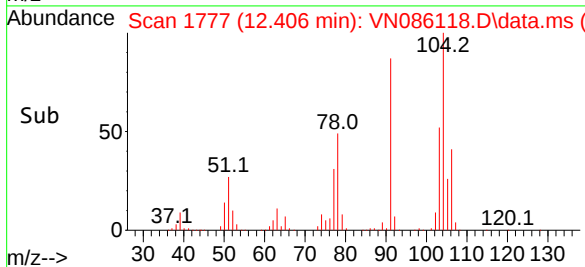
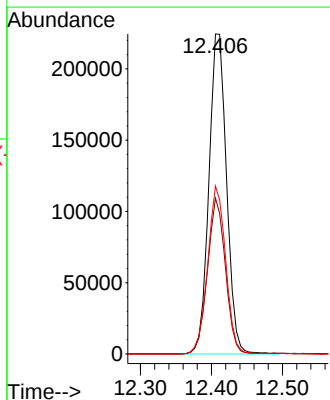
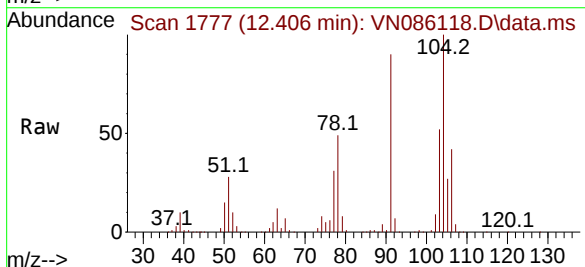
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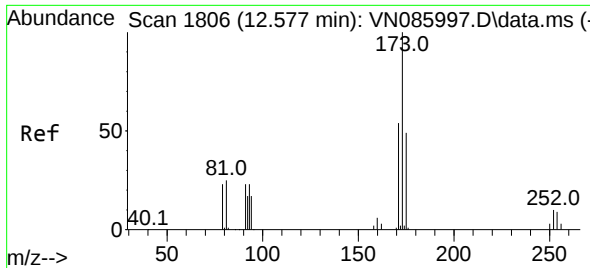
Tgt Ion:106 Resp: 219142  
Ion Ratio Lower Upper  
106 100  
91 215.9 109.1 327.2



#70  
Styrene  
Concen: 58.782 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:104 Resp: 388099  
Ion Ratio Lower Upper  
104 100  
78 49.6 41.4 62.2  
103 53.6 42.9 64.3

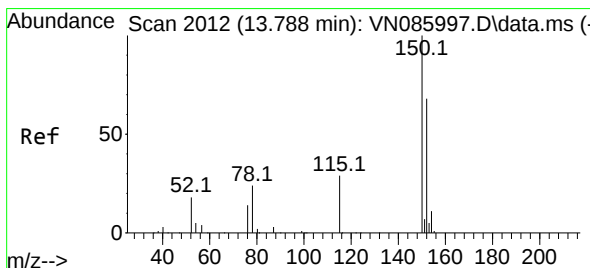
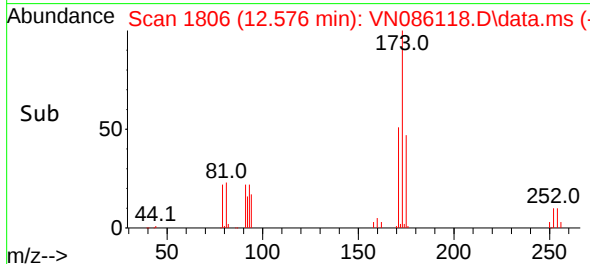
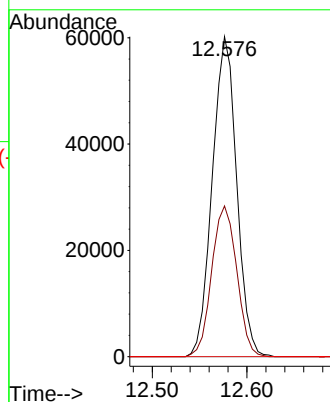
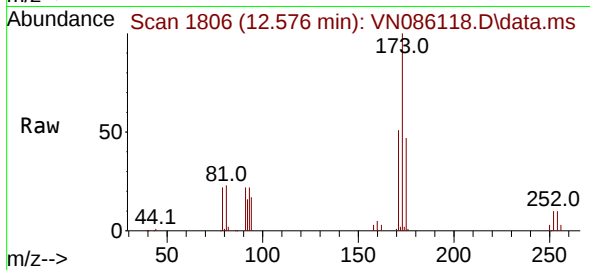




#71  
Bromoform  
Concen: 51.677 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

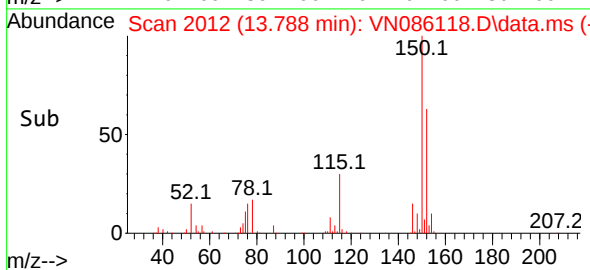
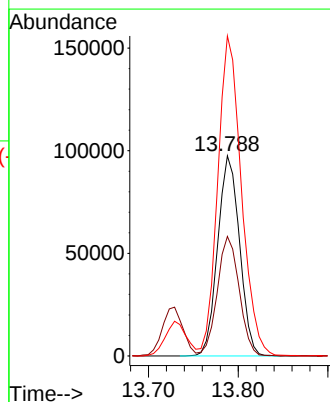
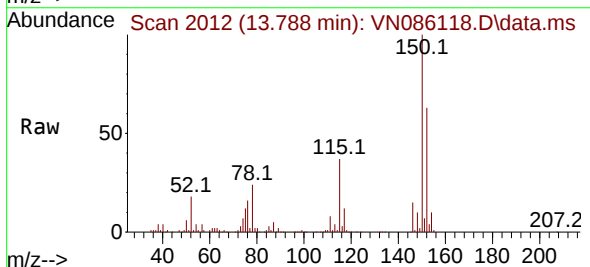
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MSVOA\_N  
ClientSampleId :  
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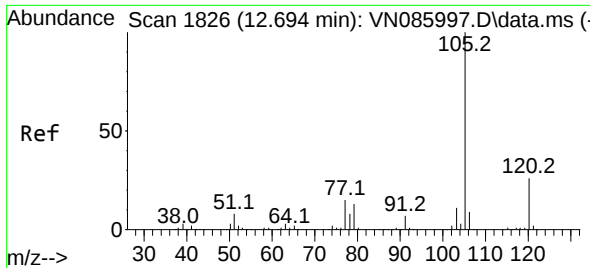
Tgt Ion:173 Resp: 107573  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.3 73.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:152 Resp: 164861  
Ion Ratio Lower Upper  
152 100  
115 60.0 31.1 93.2  
150 173.3 0.0 359.6

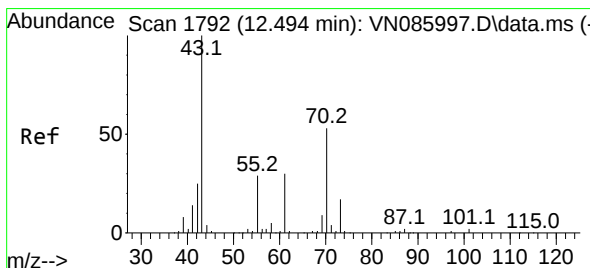
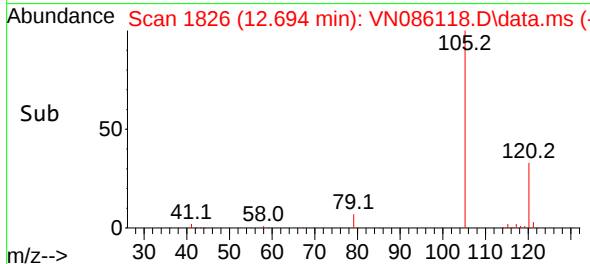
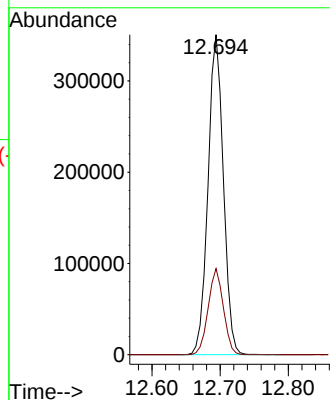
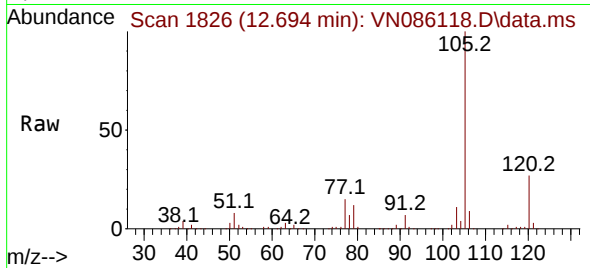




#73  
Isopropylbenzene  
Concen: 48.751 ug/l  
RT: 12.694 min Scan# 1826  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

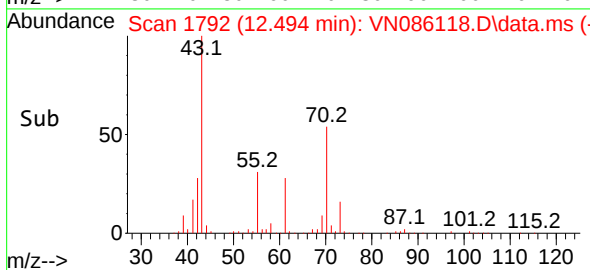
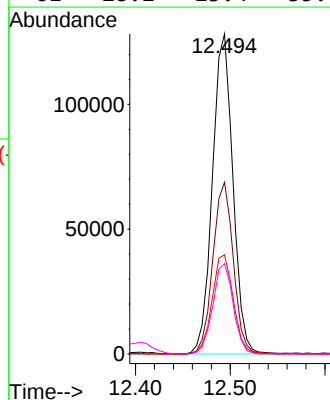
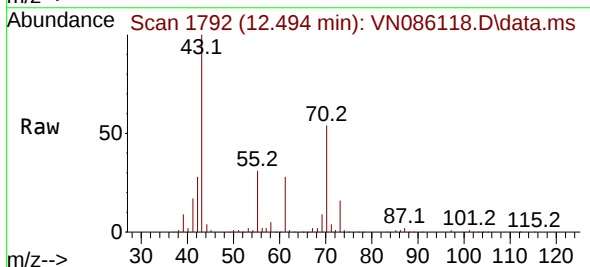
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

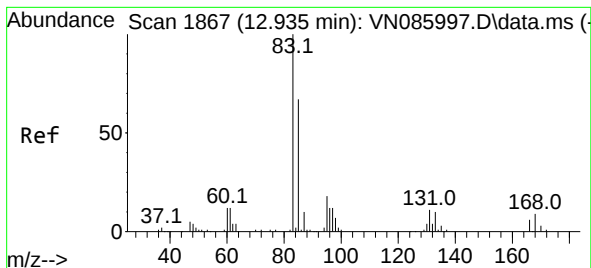
Tgt Ion:105 Resp: 548846  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.0 39.0



#74  
N-ethyl acetate  
Concen: 51.165 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 43 Resp: 192718  
Ion Ratio Lower Upper  
43 100  
70 53.4 43.0 64.4  
55 32.1 23.8 35.8  
61 28.2 23.4 35.0

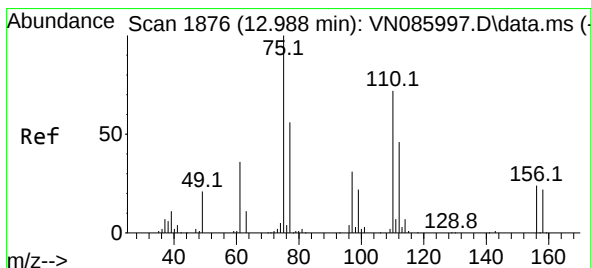
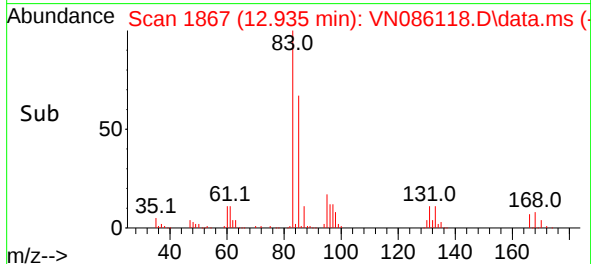
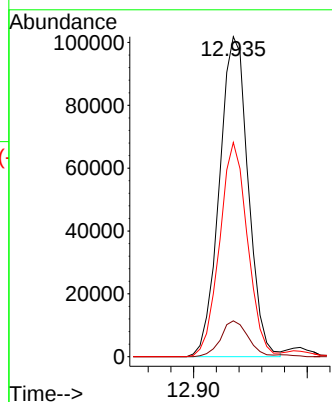
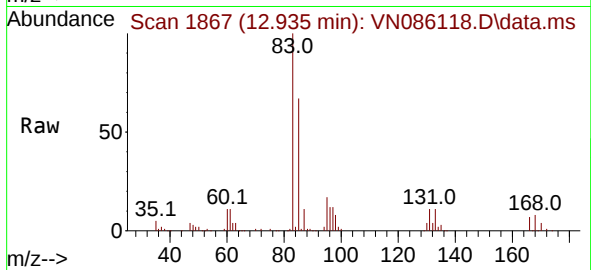




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.127 ug/l  
RT: 12.935 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

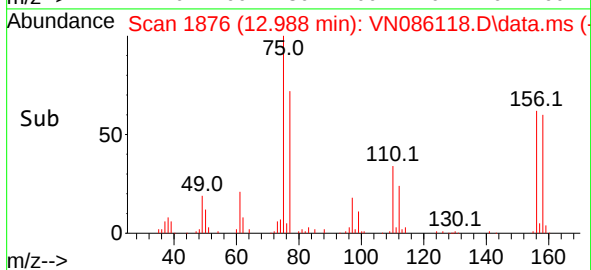
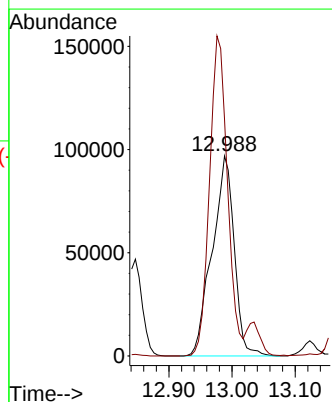
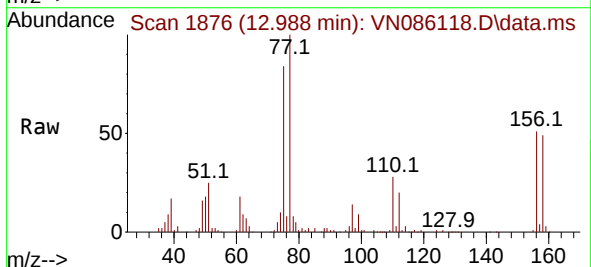
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

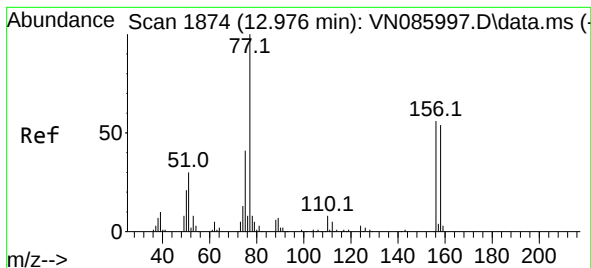
Tgt Ion: 83 Resp: 179498  
Ion Ratio Lower Upper  
83 100  
131 11.0 5.5 16.5  
85 64.9 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 63.676 ug/l  
RT: 12.988 min Scan# 1876  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 75 Resp: 235023  
Ion Ratio Lower Upper  
75 100  
77 130.5 83.7 251.0





#77

Bromobenzene

Concen: 47.141 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

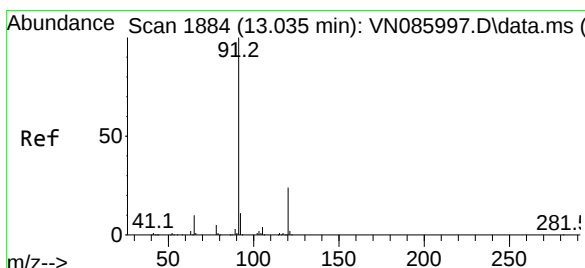
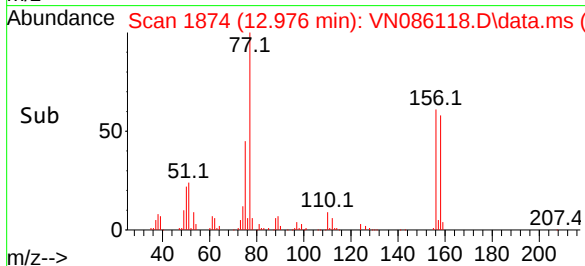
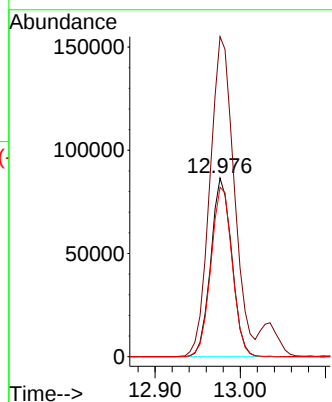
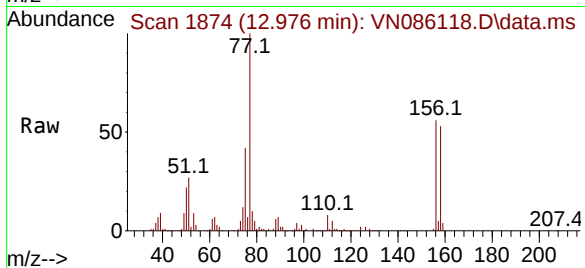
Tgt Ion:156 Resp: 147984

Ion Ratio Lower Upper

156 100

77 207.2 104.1 312.3

158 96.1 49.0 147.0



#78

n-propylbenzene

Concen: 52.070 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086118.D

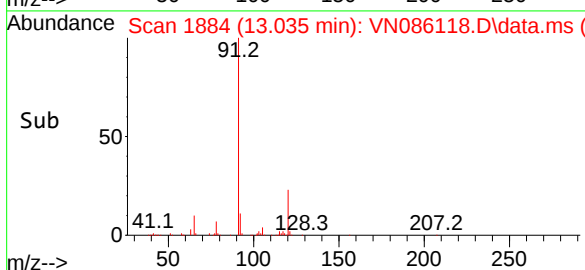
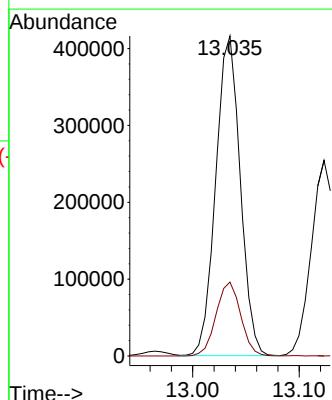
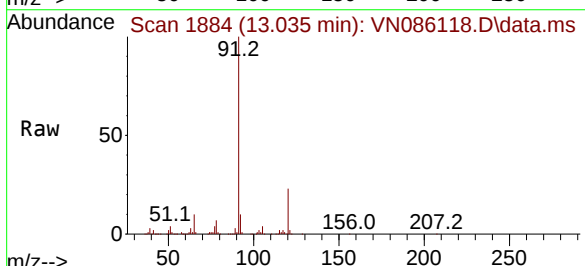
Acq: 26 Mar 2025 11:38

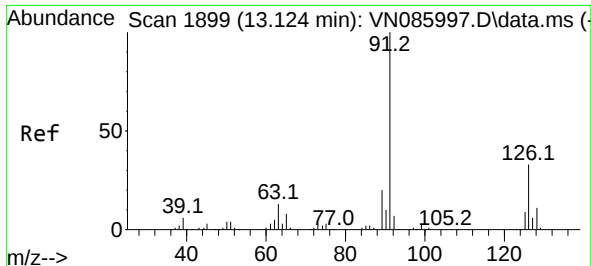
Tgt Ion: 91 Resp: 663795

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0

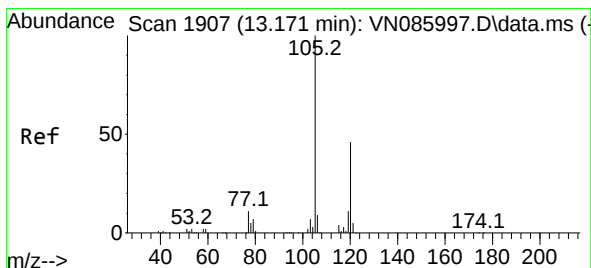
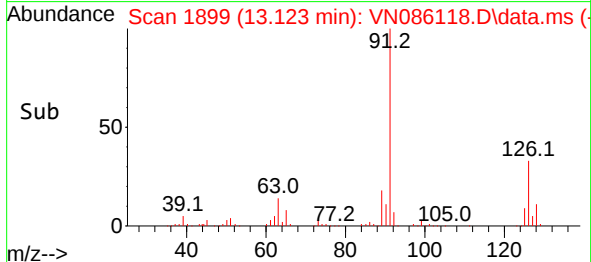
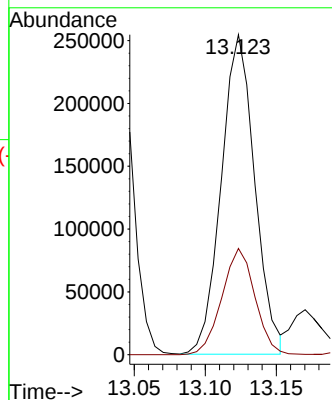
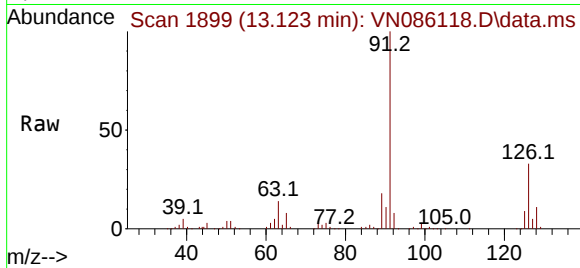




#79  
2-Chlorotoluene  
Concen: 49.264 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

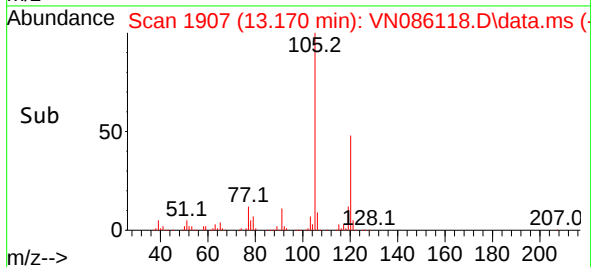
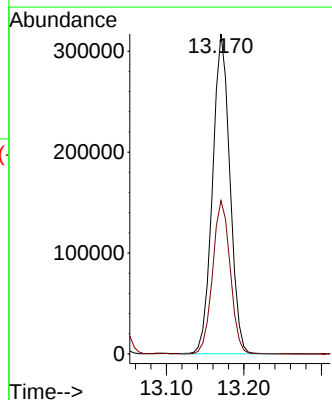
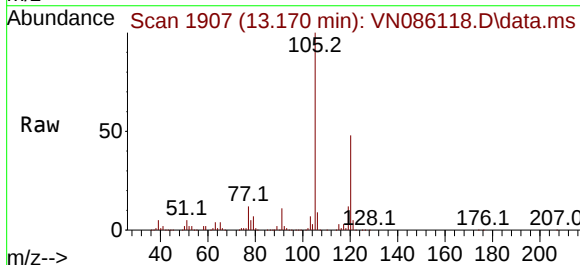
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

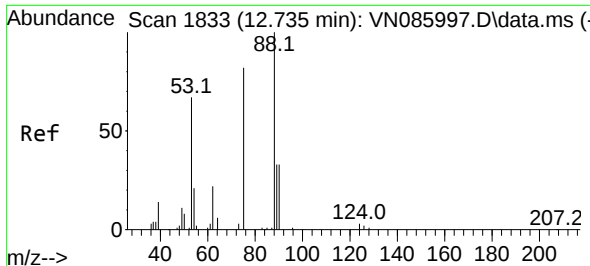
Tgt Ion: 91 Resp: 417145  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.4 49.2



#80  
1,3,5-Trimethylbenzene  
Concen: 51.885 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 105 Resp: 493169  
Ion Ratio Lower Upper  
105 100  
120 48.5 23.7 71.1

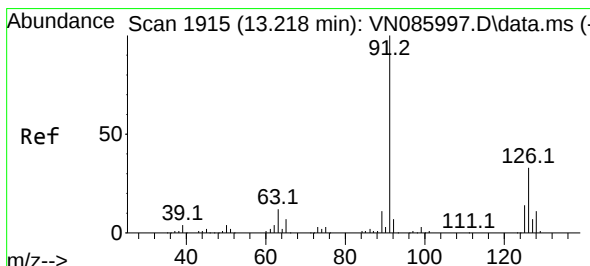
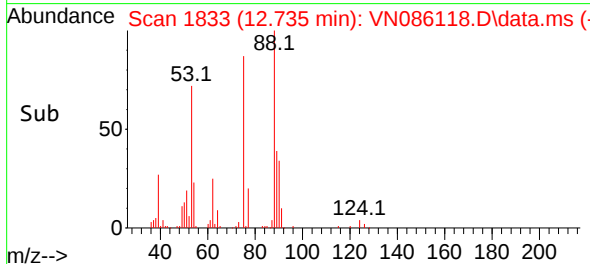
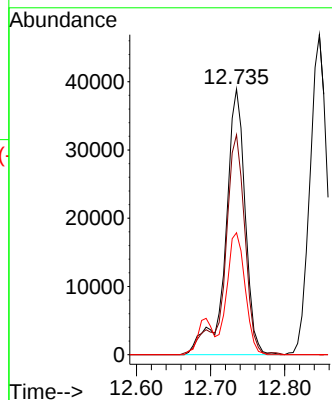
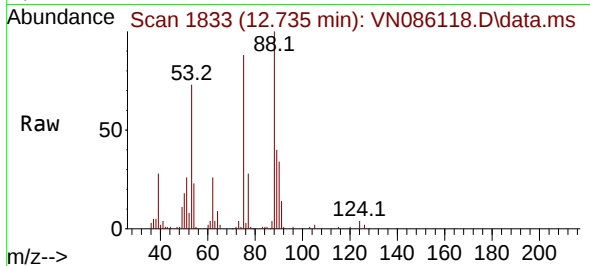




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.189 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

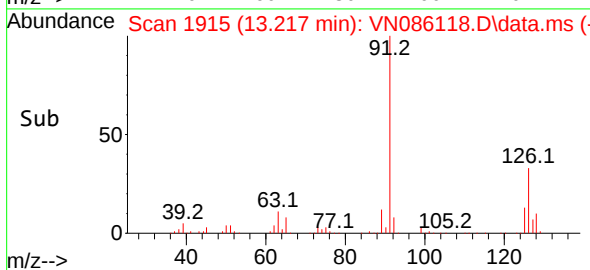
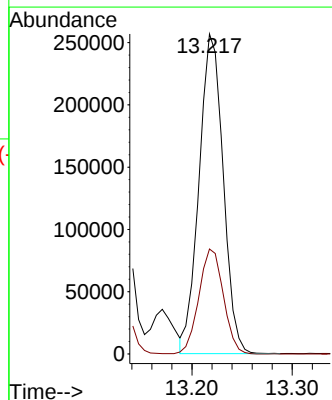
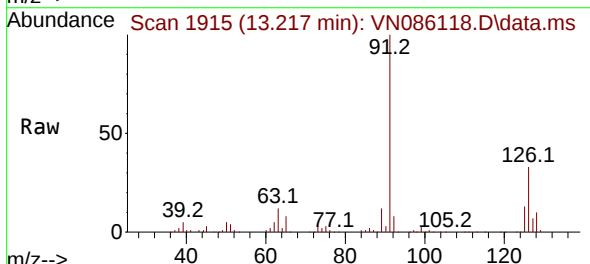
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

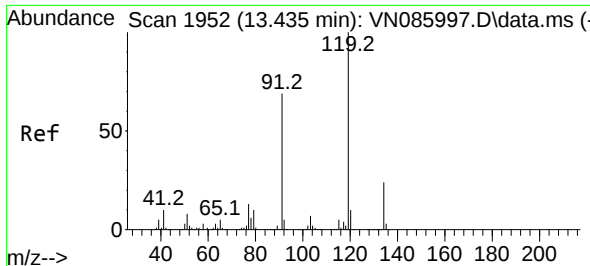
Tgt Ion: 75 Resp: 71462  
Ion Ratio Lower Upper  
75 100  
53 84.0 66.0 99.0  
89 42.9 36.9 55.3



#82  
4-Chlorotoluene  
Concen: 49.392 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 91 Resp: 430084  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.1 48.2

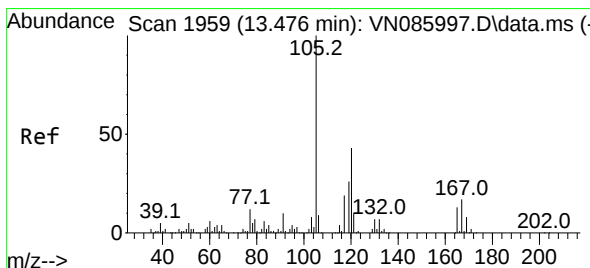
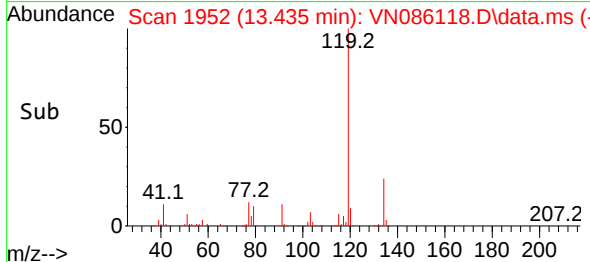
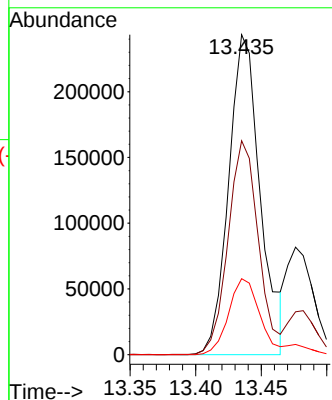
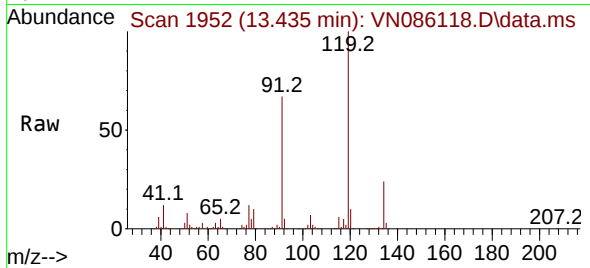




#83  
tert-Butylbenzene  
Concen: 50.065 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

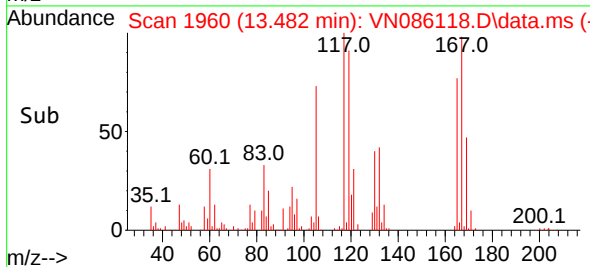
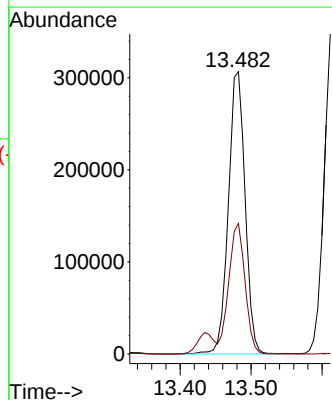
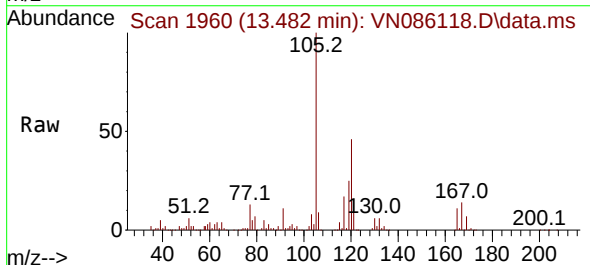
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

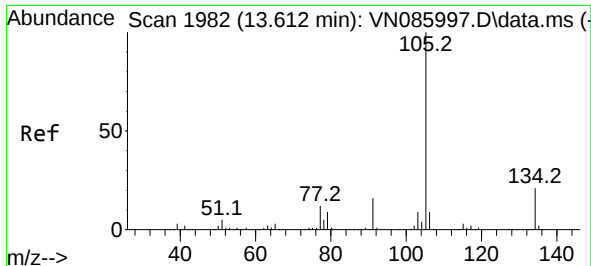
Tgt Ion:119 Resp: 406995  
Ion Ratio Lower Upper  
119 100  
91 64.5 34.3 102.9  
134 25.7 13.5 40.5



#84  
1,2,4-Trimethylbenzene  
Concen: 52.308 ug/l  
RT: 13.482 min Scan# 1960  
Delta R.T. 0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:105 Resp: 501477  
Ion Ratio Lower Upper  
105 100  
120 44.8 21.9 65.8

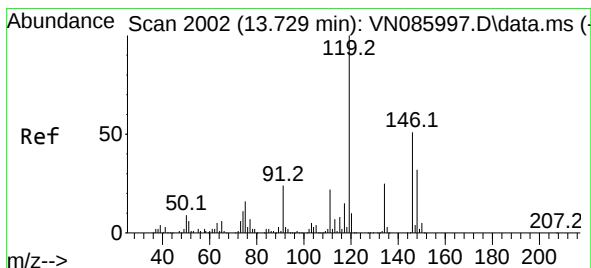
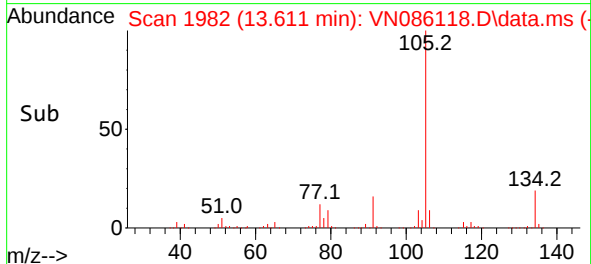
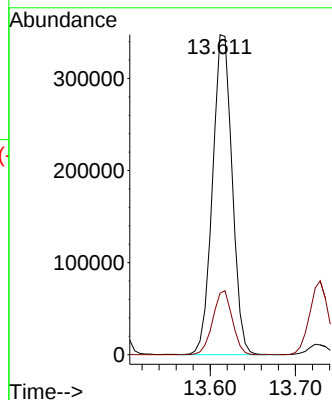
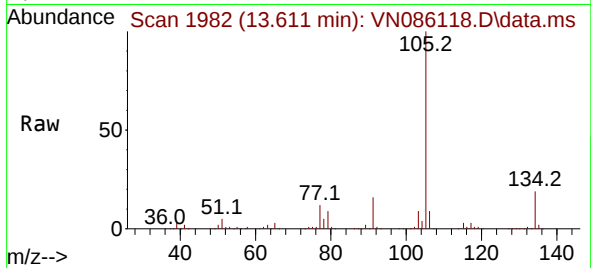




#85  
 sec-Butylbenzene  
 Concen: 52.393 ug/l  
 RT: 13.611 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

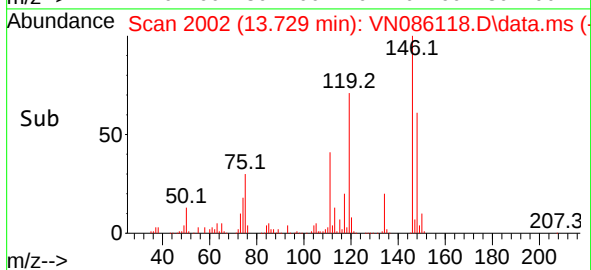
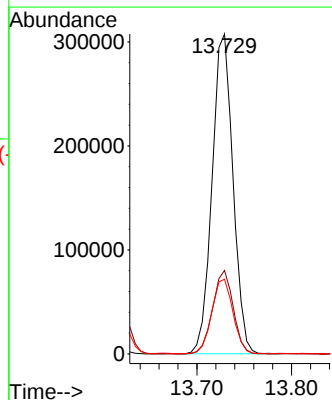
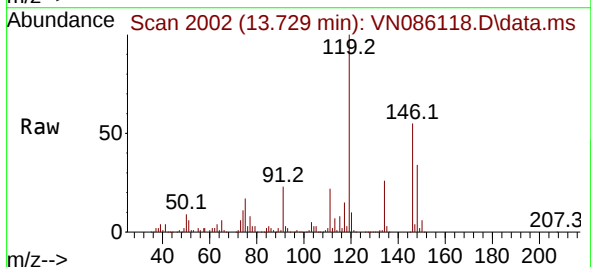
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

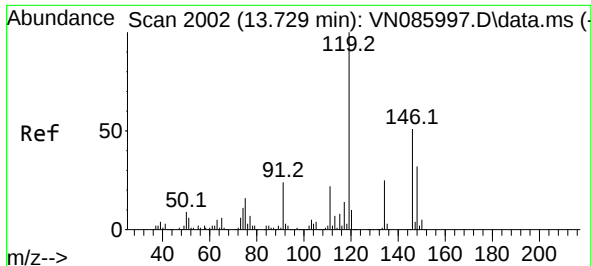
Tgt Ion:105 Resp: 555627  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 52.447 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN086118.D  
 Acq: 26 Mar 2025 11:38

Tgt Ion:119 Resp: 470828  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.6 37.8  
 91 23.7 12.3 36.8

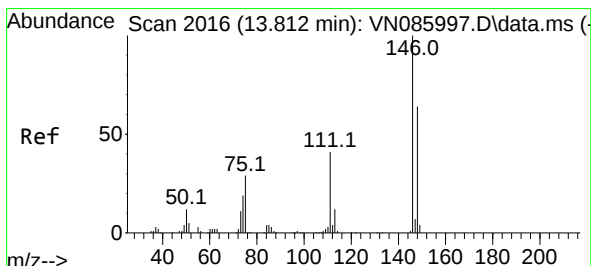
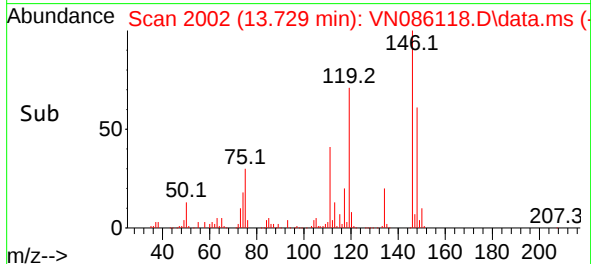
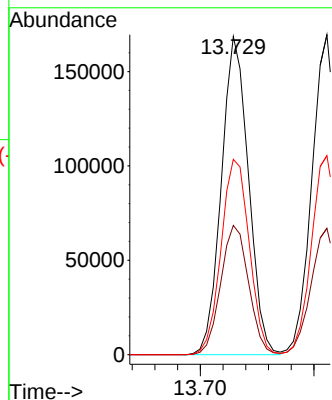
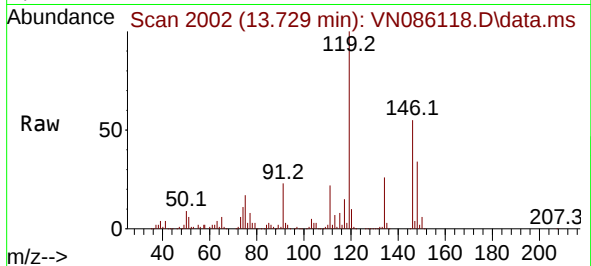




#87  
1,3-Dichlorobenzene  
Concen: 49.372 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

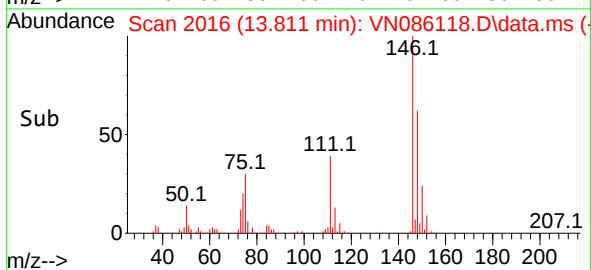
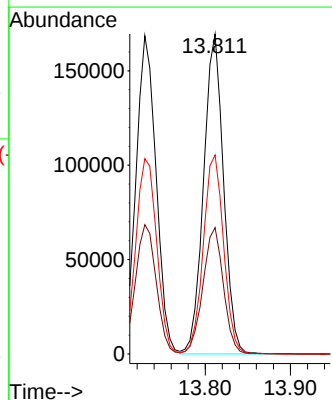
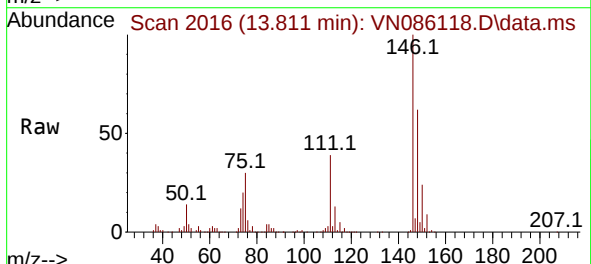
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

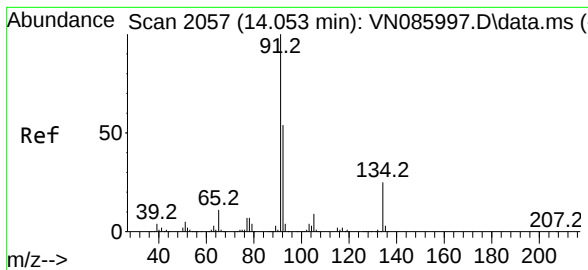
Tgt Ion:146 Resp: 279371  
Ion Ratio Lower Upper  
146 100  
111 41.8 21.2 63.6  
148 64.0 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 46.390 ug/l  
RT: 13.811 min Scan# 2016  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:146 Resp: 275793  
Ion Ratio Lower Upper  
146 100  
111 40.6 20.4 61.3  
148 63.6 32.1 96.5

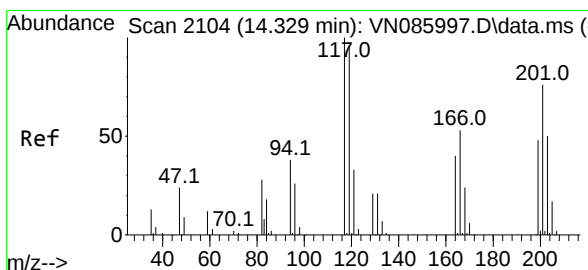
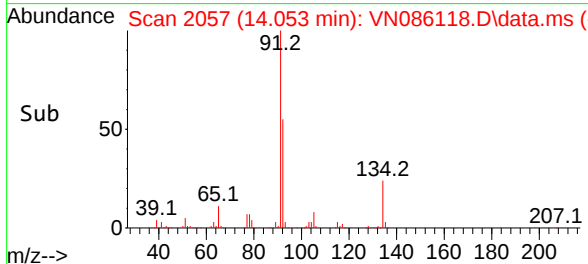
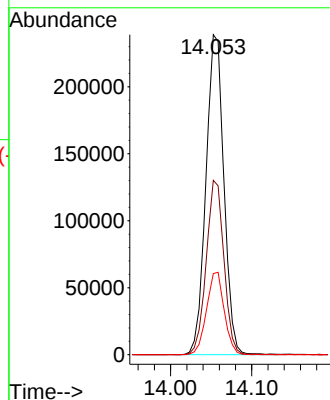
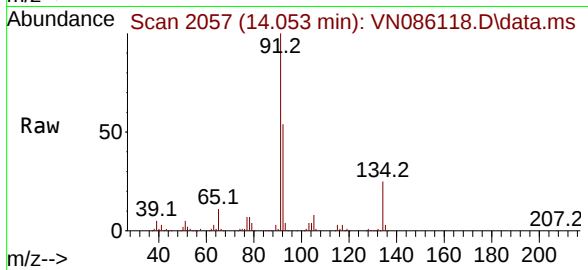




#89  
n-Butylbenzene  
Concen: 50.204 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

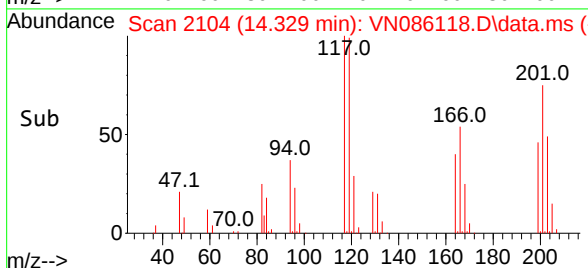
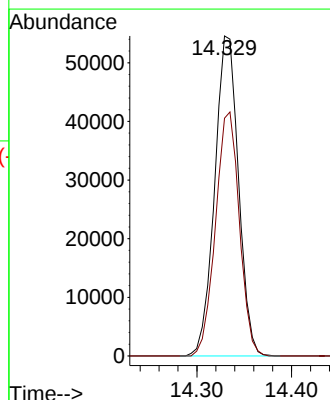
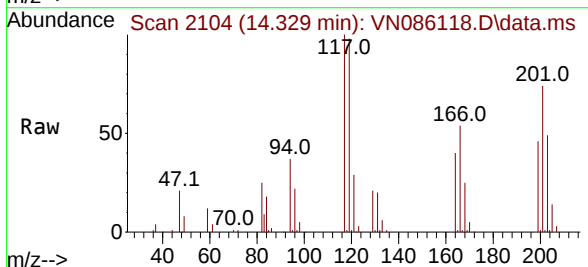
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050

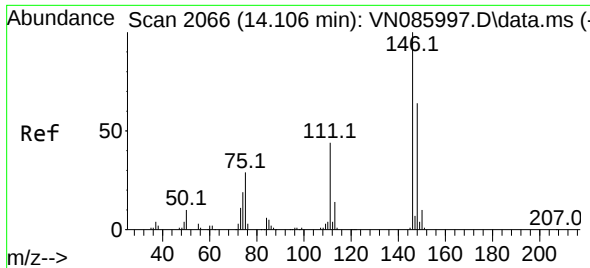
Tgt Ion: 91 Resp: 367014  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.9 80.6  
134 25.3 13.0 39.0



#90  
Hexachloroethane  
Concen: 46.043 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 117 Resp: 95375  
Ion Ratio Lower Upper  
117 100  
201 76.2 39.1 117.3

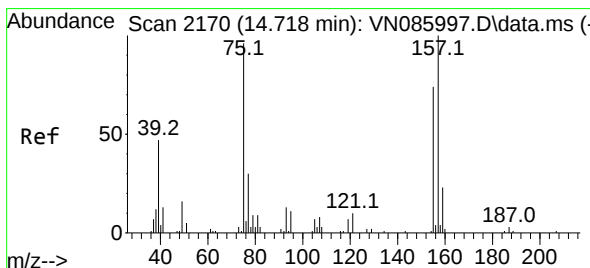
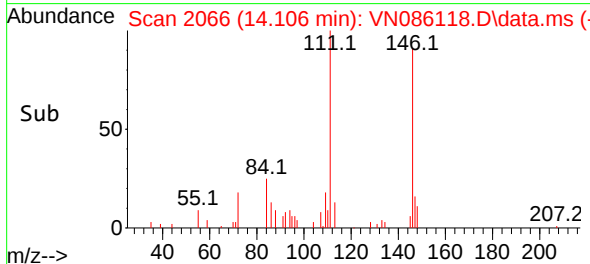
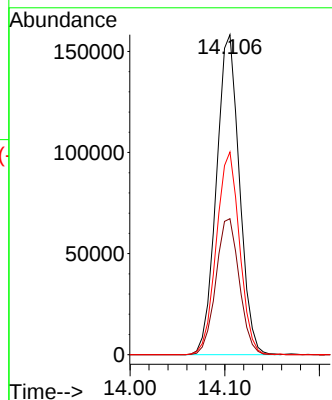
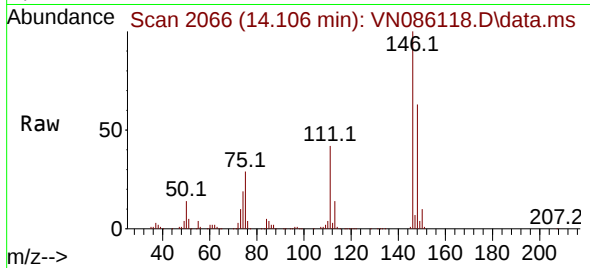




#91  
1,2-Dichlorobenzene  
Concen: 47.492 ug/l  
RT: 14.106 min Scan# 2066  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

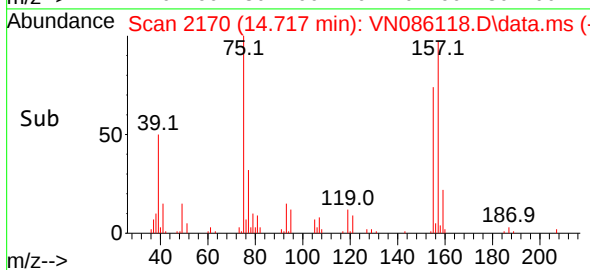
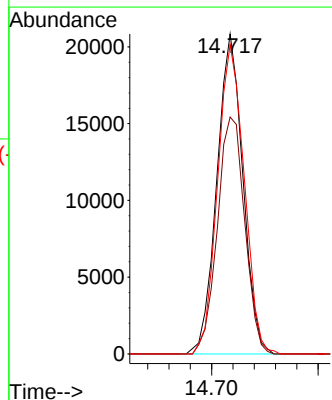
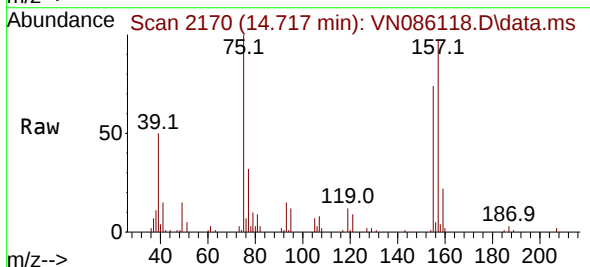
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

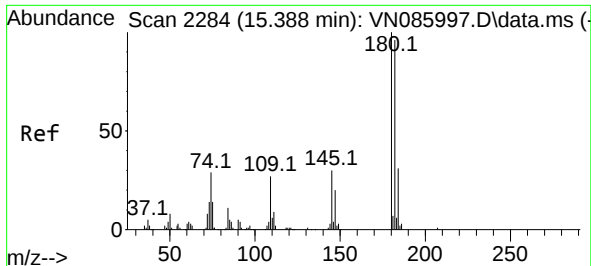
Tgt Ion:146 Resp: 267146  
Ion Ratio Lower Upper  
146 100  
111 43.4 22.3 66.8  
148 63.8 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.340 ug/l  
RT: 14.717 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion: 75 Resp: 35232  
Ion Ratio Lower Upper  
75 100  
155 77.9 41.0 123.0  
157 98.8 53.7 161.1

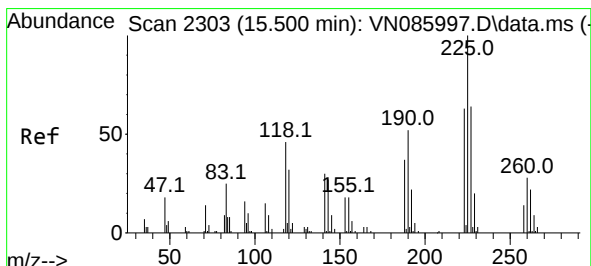
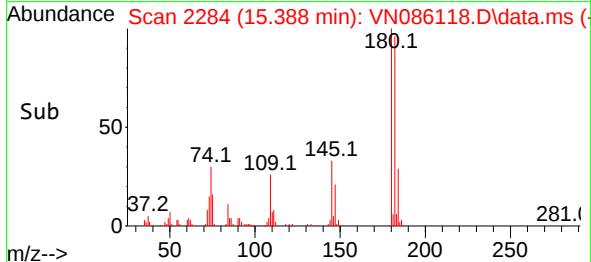
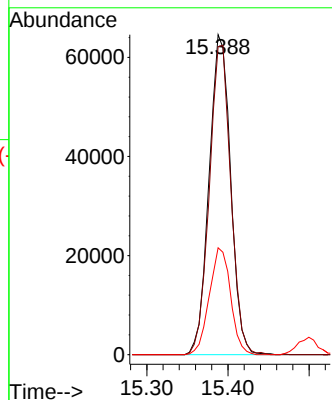
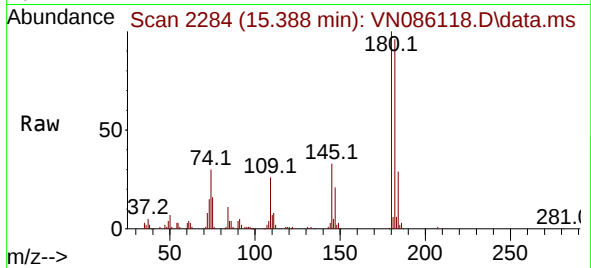




#93  
1,2,4-Trichlorobenzene  
Concen: 42.048 ug/l  
RT: 15.388 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

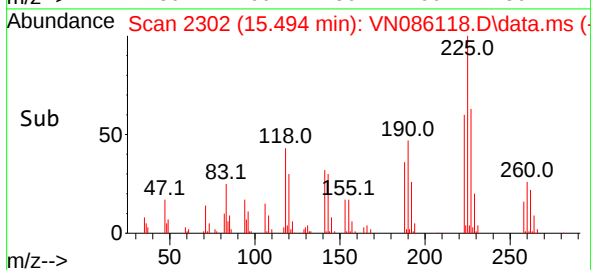
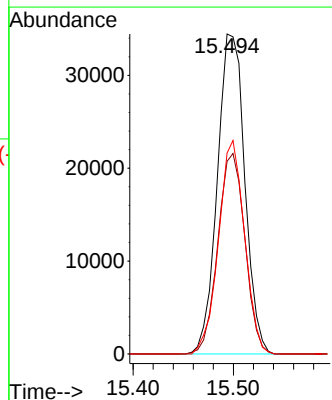
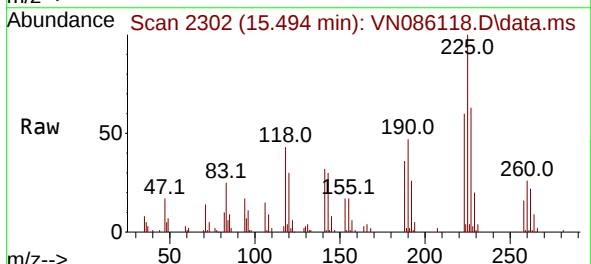
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

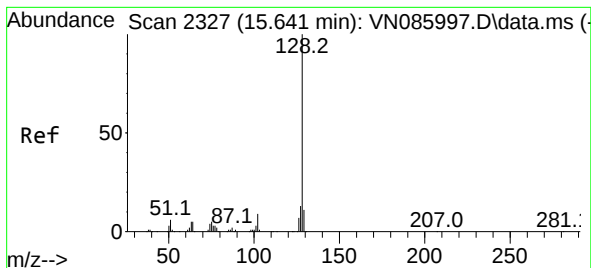
Tgt Ion:180 Resp: 118927  
Ion Ratio Lower Upper  
180 100  
182 96.5 47.0 141.0  
145 33.0 15.5 46.5



#94  
Hexachlorobutadiene  
Concen: 39.862 ug/l  
RT: 15.494 min Scan# 2302  
Delta R.T. -0.006 min  
Lab File: VN086118.D  
Acq: 26 Mar 2025 11:38

Tgt Ion:225 Resp: 65411  
Ion Ratio Lower Upper  
225 100  
223 61.8 31.3 93.9  
227 63.1 32.1 96.3





#95

Naphthalene

Concen: 43.840 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

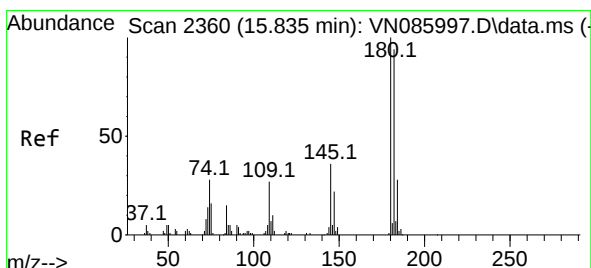
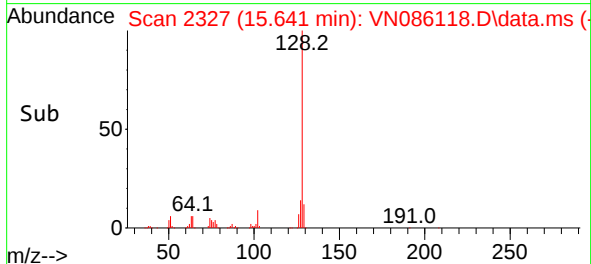
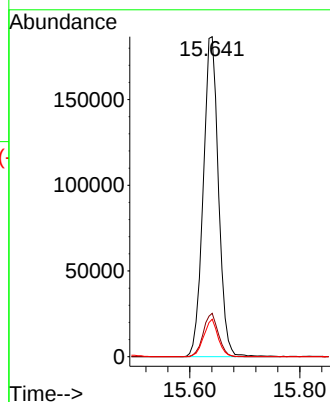
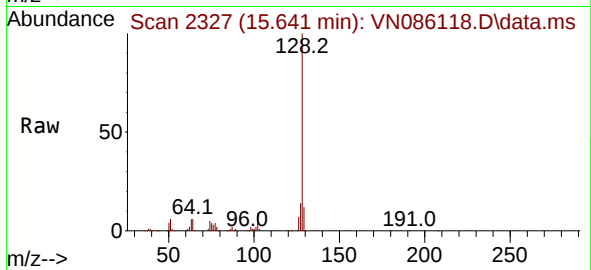
Tgt Ion:128 Resp: 359051

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 11.0 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 44.833 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086118.D

Acq: 26 Mar 2025 11:38

Tgt Ion:180 Resp: 120321

Ion Ratio Lower Upper

180 100

182 98.2 47.5 142.5

145 33.6 17.7 53.1

