

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN021825\  
 Data File : VN085775.D  
 Acq On : 18 Feb 2025 12:20  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Feb 19 03:17:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:03:15 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.218  | 168  | 235331   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 9.094  | 114  | 397776   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.859 | 117  | 339681   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.788 | 152  | 151740   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.577  | 65    | 27654    | 9.064    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 18.120%# |
| 35) Dibromofluoromethane    | 8.159  | 113   | 23353    | 8.972    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 17.940%# |
| 50) Toluene-d8              | 10.565 | 98    | 80889    | 8.542    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 17.080%# |
| 62) 4-Bromofluorobenzene    | 12.841 | 95    | 25697    | 8.236    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 16.480%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.124 | 85  | 36657  | 11.452 | ug/l   | 96  |
| 3) Chloromethane             | 2.359 | 50  | 34946  | 10.880 | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.518 | 62  | 37462  | 11.015 | ug/l   | 99  |
| 5) Bromomethane              | 2.965 | 94  | 25562  | 11.755 | ug/l   | 100 |
| 6) Chloroethane              | 3.124 | 64  | 24265  | 10.772 | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.500 | 101 | 53380  | 10.841 | ug/l   | 99  |
| 8) Diethyl Ether             | 3.959 | 74  | 17236  | 10.819 | ug/l   | 94  |
| 9) 1,1,2-Trichlorotrifluo... | 4.371 | 101 | 31724  | 11.146 | ug/l   | 96  |
| 10) Methyl Iodide            | 4.589 | 142 | 37913  | 10.806 | ug/l   | 93  |
| 11) Tert butyl alcohol       | 5.506 | 59  | 21584  | 57.519 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.342 | 96  | 27815  | 10.778 | ug/l   | 97  |
| 13) Acrolein                 | 4.177 | 56  | 27644  | 49.677 | ug/l   | 98  |
| 14) Allyl chloride           | 5.024 | 41  | 36624  | 10.809 | ug/l   | 98  |
| 15) Acrylonitrile            | 5.718 | 53  | 65440  | 53.643 | ug/l   | 99  |
| 16) Acetone                  | 4.424 | 43  | 51172  | 53.007 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.712 | 76  | 84915  | 11.102 | ug/l   | 99  |
| 18) Methyl Acetate           | 5.024 | 43  | 37354  | 11.250 | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.788 | 73  | 80686  | 10.521 | ug/l   | 96  |
| 20) Methylene Chloride       | 5.271 | 84  | 33412  | 10.762 | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.783 | 96  | 29226  | 10.517 | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.671 | 45  | 83002  | 10.841 | ug/l   | 95  |
| 23) Vinyl Acetate            | 6.600 | 43  | 305726 | 58.499 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.565 | 63  | 57247  | 10.999 | ug/l   | 97  |
| 25) 2-Butanone               | 7.477 | 43  | 77791  | 54.772 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 7.482 | 77  | 50333  | 10.876 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 7.488 | 96  | 34806  | 10.802 | ug/l   | 98  |
| 28) Bromochloromethane       | 7.812 | 49  | 16276  | 7.609  | ug/l # | 99  |
| 29) Tetrahydrofuran          | 7.835 | 42  | 50478  | 55.039 | ug/l   | 98  |
| 30) Chloroform               | 7.959 | 83  | 59719  | 10.980 | ug/l   | 96  |
| 31) Cyclohexane              | 8.253 | 56  | 45995  | 10.555 | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 8.165 | 97  | 51254  | 10.595 | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 8.365 | 75  | 38983  | 10.582 | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.553 | 43  | 30665  | 10.115 | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 8.353 | 117 | 46420  | 10.605 | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.594 | 83  | 35475  | 9.803  | ug/l # | 85  |
| 40) Benzene                  | 8.606 | 78  | 124704 | 10.562 | ug/l   | 98  |

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 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Quant Time: Feb 19 03:17:27 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:03:15 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.771  | 41   | 16811    | 10.373  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.665  | 62   | 41912    | 10.898  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.682  | 43   | 60794    | 11.001  | ug/l   | 95       |
| 44) Trichloroethene           | 9.347  | 130  | 30561    | 10.542  | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.618  | 63   | 30619    | 10.744  | ug/l   | 100      |
| 46) Dibromomethane            | 9.706  | 93   | 21085    | 10.489  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.882  | 83   | 45413    | 10.559  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.676  | 41   | 22058    | 9.798   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.688  | 88   | 8936     | 208.723 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 155789   | 53.302  | ug/l   | 98       |
| 52) Toluene                   | 10.623 | 92   | 73516    | 10.622  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 41230    | 10.367  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.306 | 75   | 46300    | 10.617  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 29408    | 10.687  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 35641    | 10.274  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 48905    | 10.647  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 67791    | 47.108  | ug/l   | 97       |
| 59) 2-Hexanone                | 11.188 | 43   | 105782   | 52.609  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.353 | 129  | 34267    | 10.694  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.465 | 107  | 28789    | 11.073  | ug/l   | 97       |
| 64) Tetrachloroethene         | 11.100 | 164  | 28564    | 10.855  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.888 | 112  | 82365    | 10.585  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.953 | 131  | 30133    | 10.773  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.959 | 91   | 124323   | 10.199  | ug/l   | 98       |
| 68) m/p-Xylenes               | 12.065 | 106  | 98574    | 21.290  | ug/l   | 98       |
| 69) o-Xylene                  | 12.394 | 106  | 45263    | 10.287  | ug/l   | 100      |
| 70) Styrene                   | 12.406 | 104  | 72044    | 9.994   | ug/l   | 98       |
| 71) Bromoform                 | 12.576 | 173  | 21882    | 10.529  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.688 | 105  | 109944   | 10.576  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.488 | 43   | 38318    | 10.452  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 39575    | 11.063  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.988 | 75   | 48233    | 14.469  | ug/l   | 58       |
| 77) Bromobenzene              | 12.976 | 156  | 31066    | 11.061  | ug/l   | 98       |
| 78) n-propylbenzene           | 13.029 | 91   | 125206   | 10.517  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.117 | 91   | 86237    | 10.841  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 90718    | 10.713  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.735 | 75   | 11901    | 10.302  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 13.217 | 91   | 86106    | 10.919  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.435 | 119  | 73803    | 10.364  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 89125    | 10.638  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.611 | 105  | 107253   | 10.660  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.723 | 119  | 84249    | 10.256  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 56944    | 10.822  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.806 | 146  | 57166    | 10.600  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.053 | 91   | 70940    | 9.931   | ug/l   | 96       |
| 90) Hexachloroethane          | 14.329 | 117  | 19282    | 10.119  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 53647    | 10.602  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 7223     | 10.996  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 25090    | 10.406  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 15278    | 10.426  | ug/l   | 95       |
| 95) Naphthalene               | 15.635 | 128  | 65549    | 9.902   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 25612    | 10.581  | ug/l   | 98       |

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Operator : JC\MD  
Sample : VSTDICC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

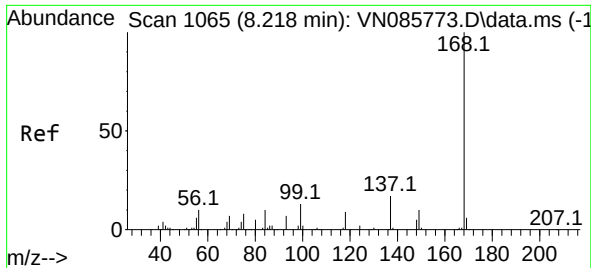
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Quant Time: Feb 19 03:17:27 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 19 03:03:15 2025  
Response via : Initial Calibration

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

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

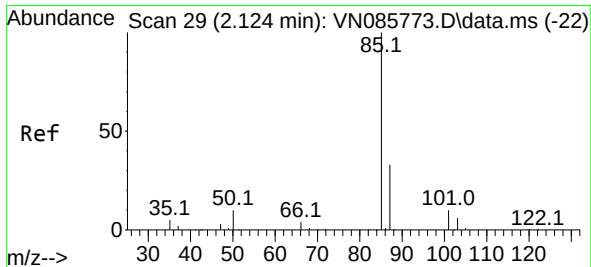
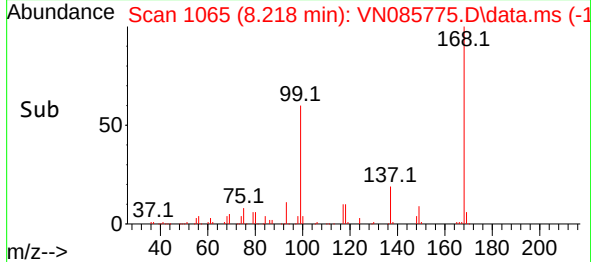
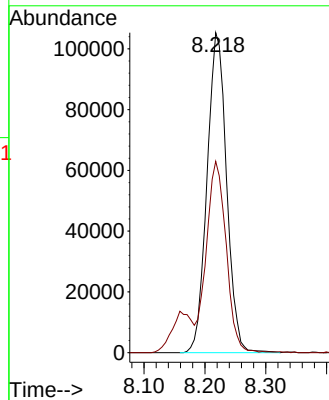
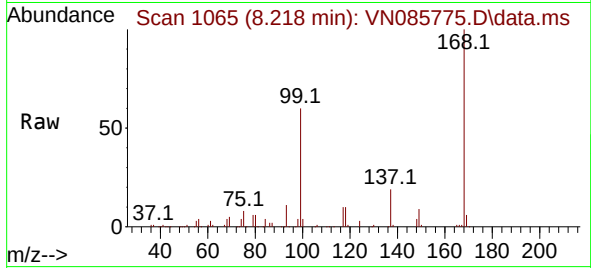




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.218 min Scan# 1065  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

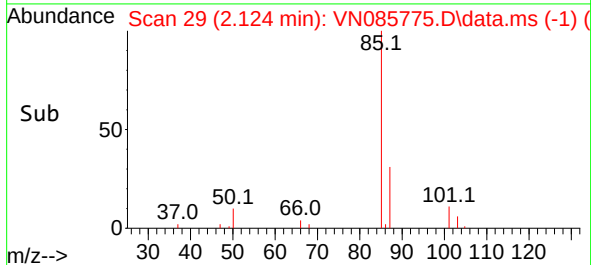
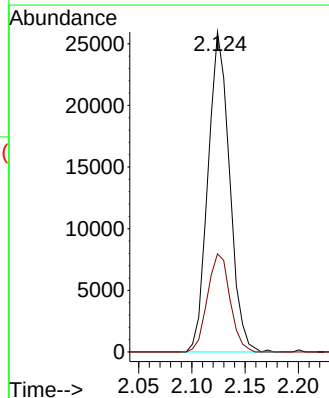
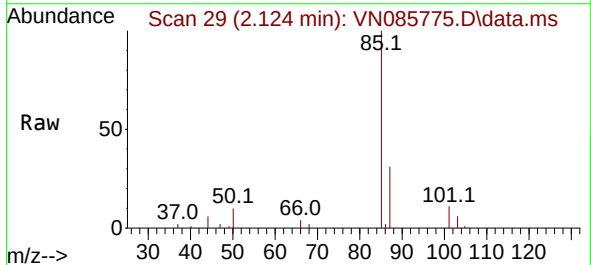
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

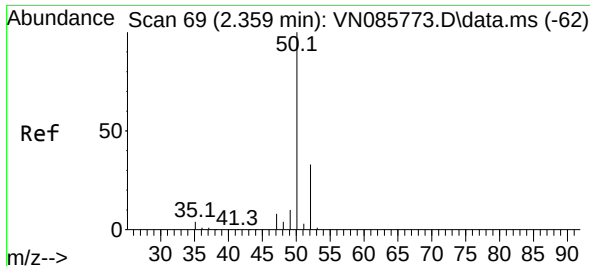
Tgt Ion:168 Resp: 235331  
Ion Ratio Lower Upper  
168 100  
99 59.5 47.9 71.9



#2  
Dichlorodifluoromethane  
Concen: 11.452 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 85 Resp: 36657  
Ion Ratio Lower Upper  
85 100  
87 30.6 16.4 49.2

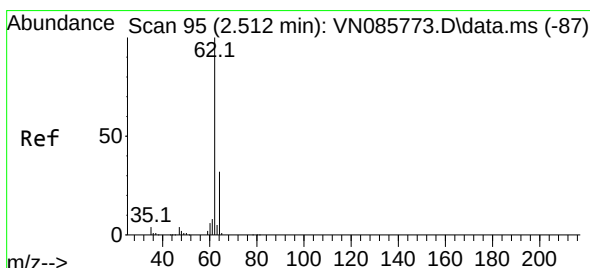
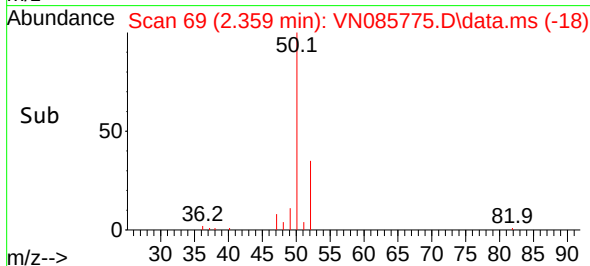
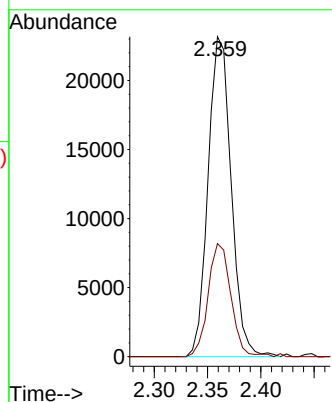
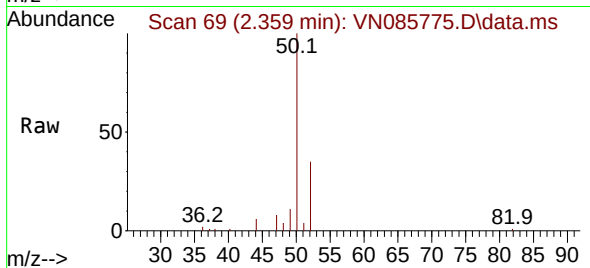




#3  
Chloromethane  
Concen: 10.880 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

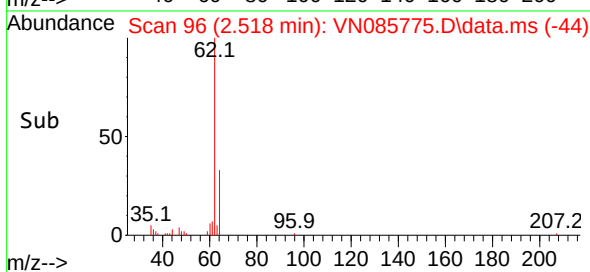
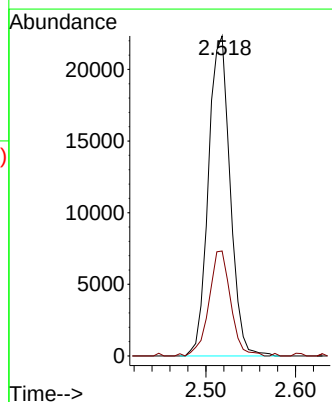
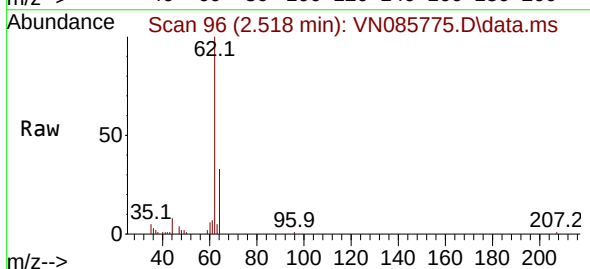
Instrument :  
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ClientSampleId :  
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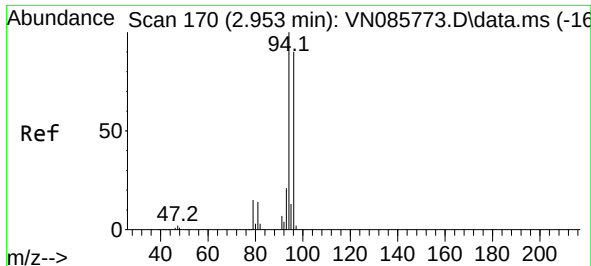
Tgt Ion: 50 Resp: 34946  
Ion Ratio Lower Upper  
50 100  
52 35.4 26.7 40.1



#4  
Vinyl Chloride  
Concen: 11.015 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 62 Resp: 37462  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.9 38.9

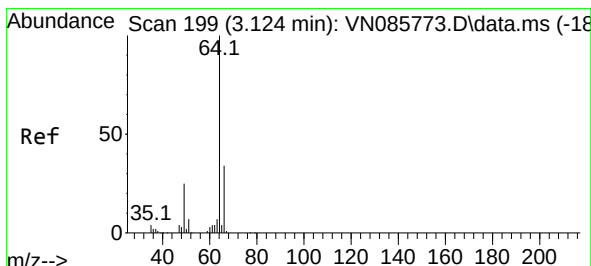
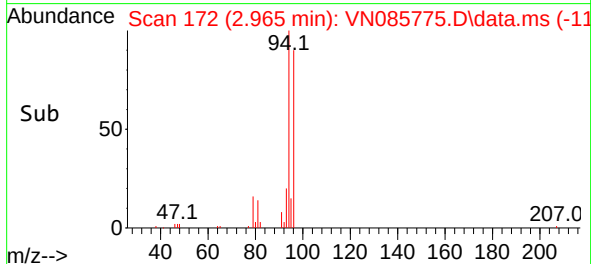
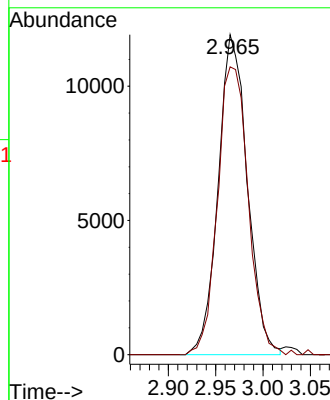
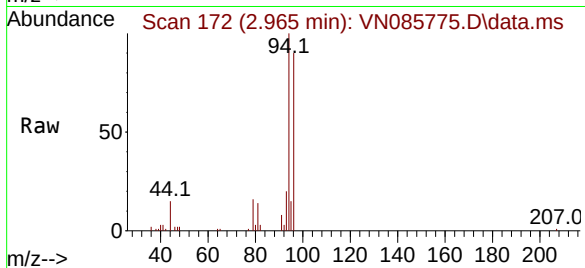




#5  
Bromomethane  
Concen: 11.755 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

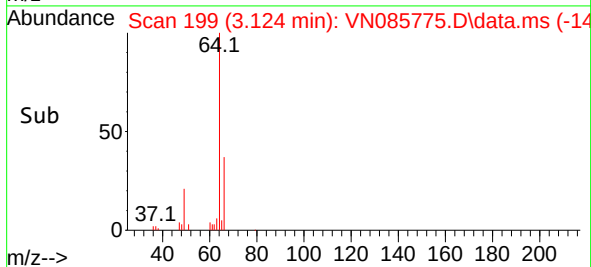
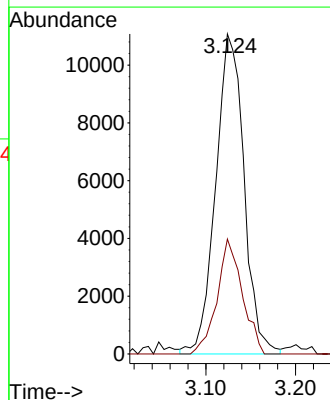
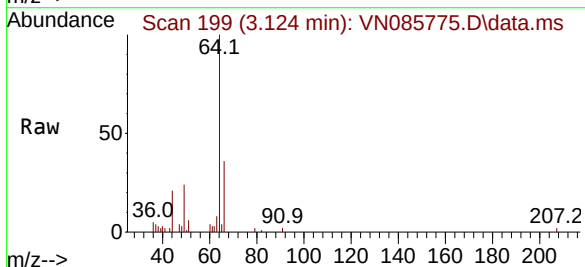
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

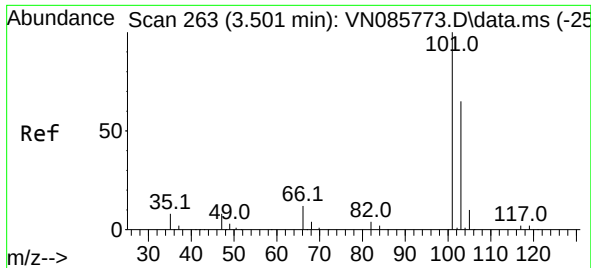
Tgt Ion: 94 Resp: 25562  
Ion Ratio Lower Upper  
94 100  
96 89.9 71.7 107.5



#6  
Chloroethane  
Concen: 10.772 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 64 Resp: 24265  
Ion Ratio Lower Upper  
64 100  
66 36.5 27.0 40.6

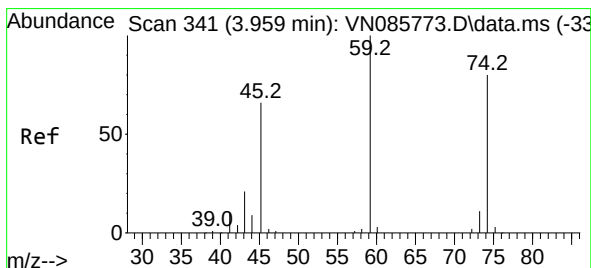
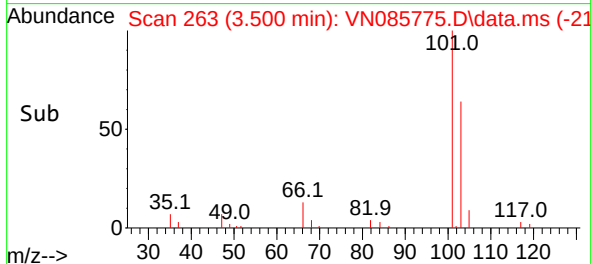
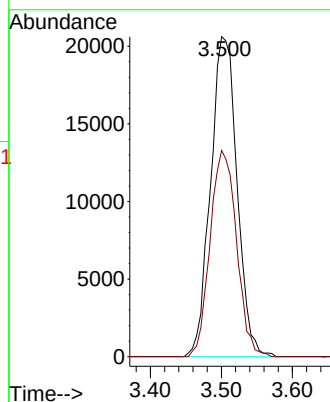
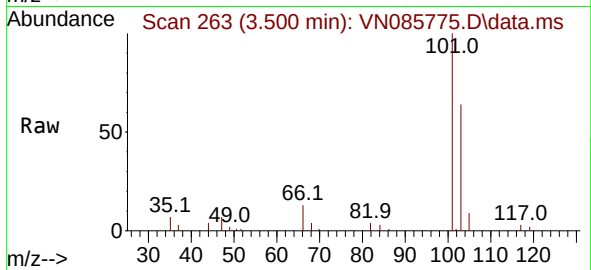




#7  
 Trichlorofluoromethane  
 Concen: 10.841 ug/l  
 RT: 3.500 min Scan# 210  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

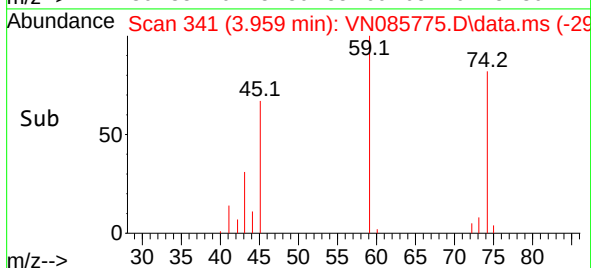
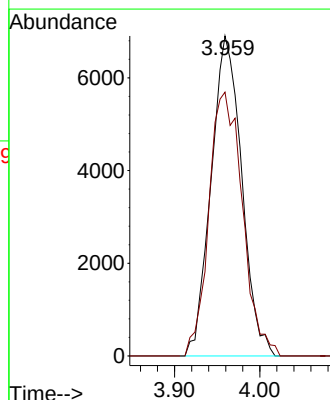
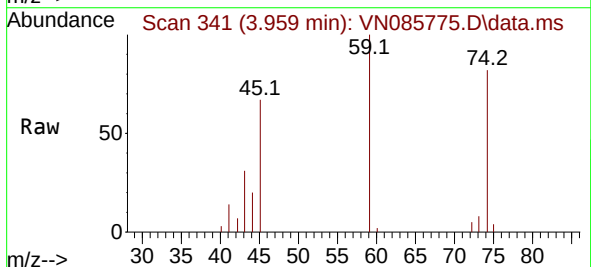
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:101 Resp: 53380  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.2 78.4

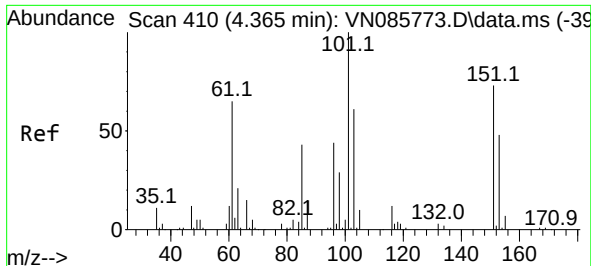


#8  
 Diethyl Ether  
 Concen: 10.819 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion: 74 Resp: 17236  
 Ion Ratio Lower Upper  
 74 100  
 45 90.3 42.5 127.6



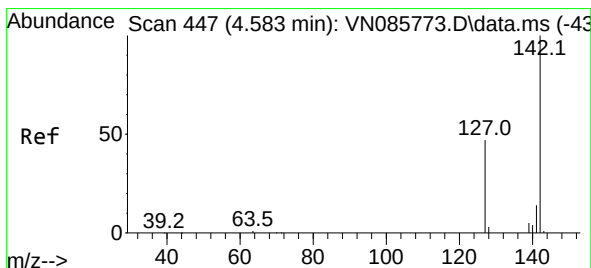
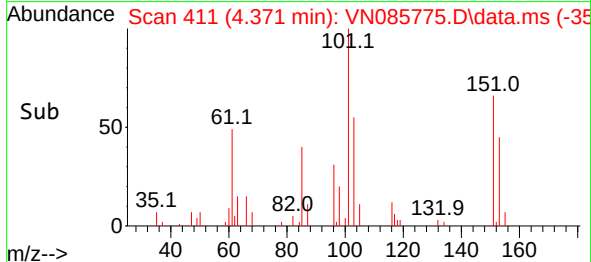
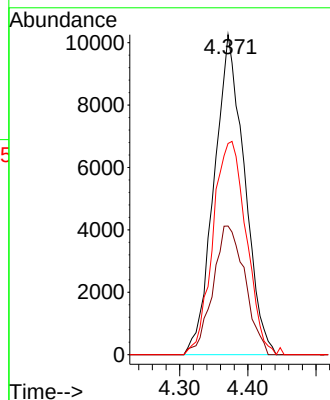
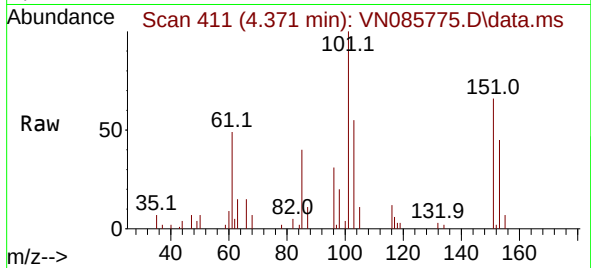




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 11.146 ug/l  
RT: 4.371 min Scan# 411  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

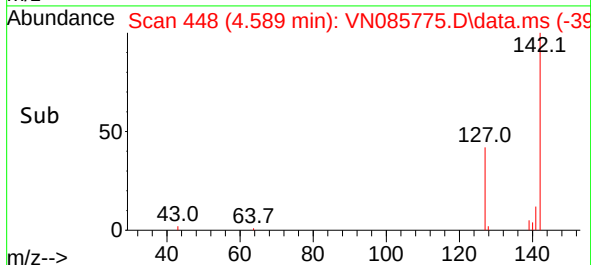
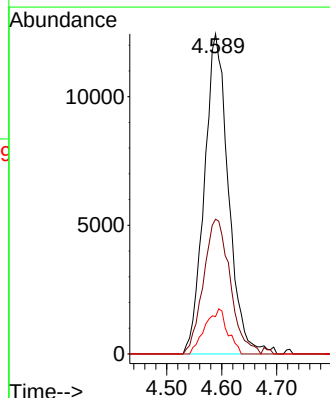
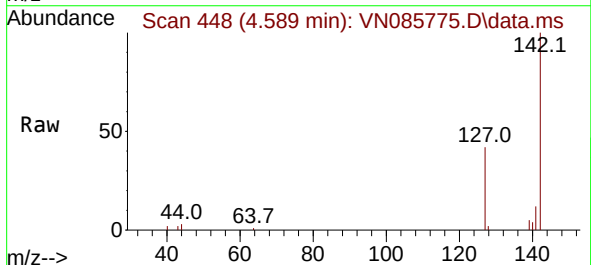
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

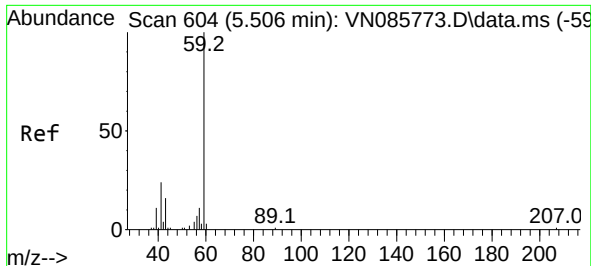
Tgt Ion:101 Resp: 31724  
Ion Ratio Lower Upper  
101 100  
85 42.7 35.7 53.5  
151 73.2 61.4 92.2



#10  
Methyl Iodide  
Concen: 10.806 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:142 Resp: 37913  
Ion Ratio Lower Upper  
142 100  
127 42.1 37.6 56.4  
141 11.7 11.4 17.2

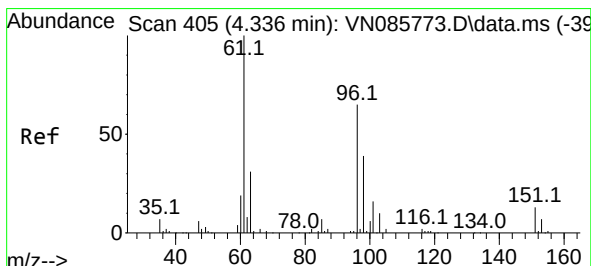
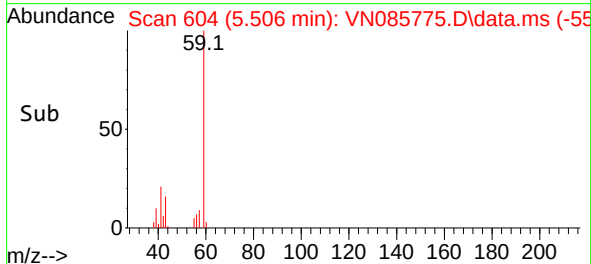
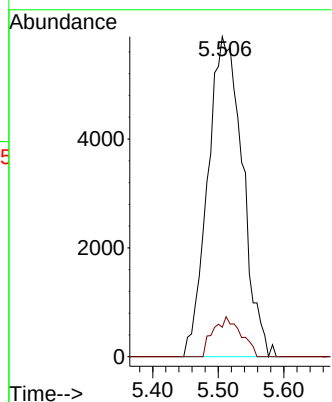
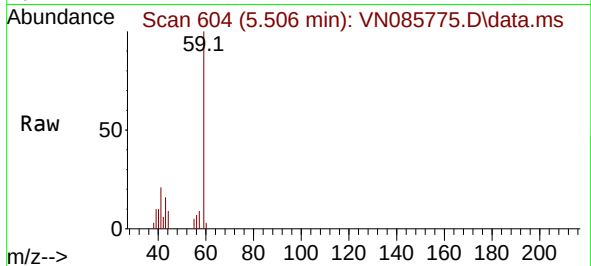




#11  
Tert butyl alcohol  
Concen: 57.519 ug/l  
RT: 5.506 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

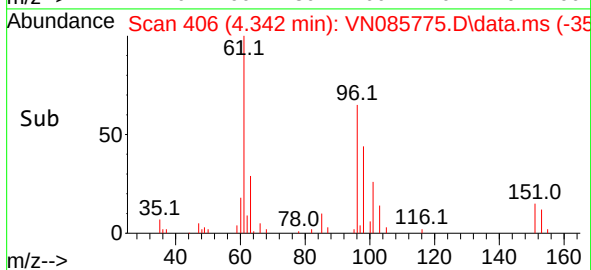
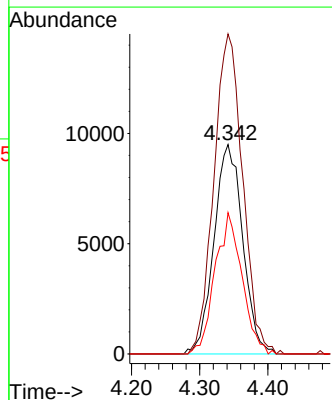
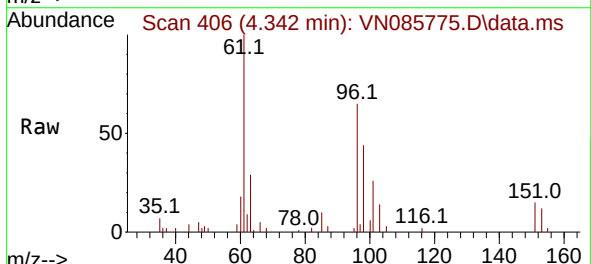
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

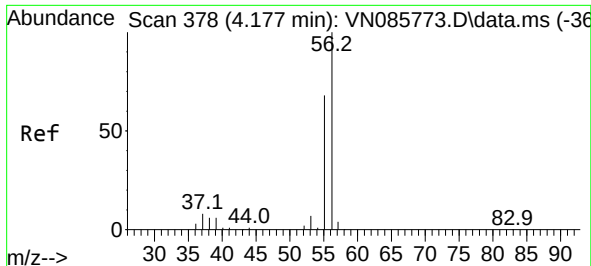
Tgt Ion: 59 Resp: 21584  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 10.778 ug/l  
RT: 4.342 min Scan# 406  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 96 Resp: 27815  
Ion Ratio Lower Upper  
96 100  
61 152.7 123.3 184.9  
98 67.4 48.6 72.8

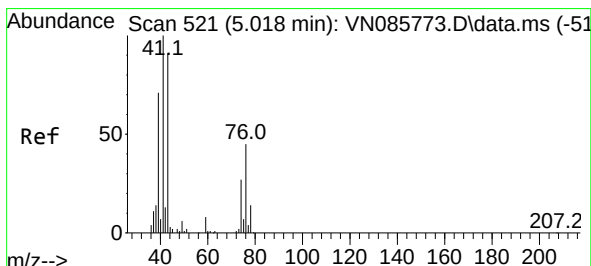
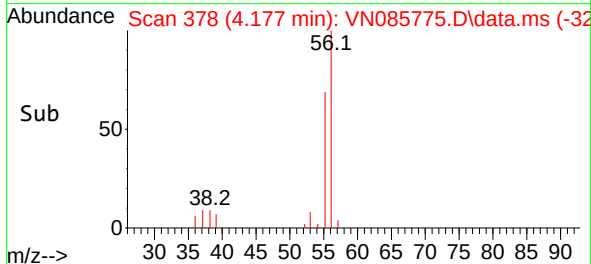
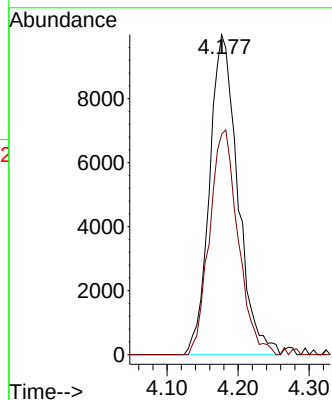
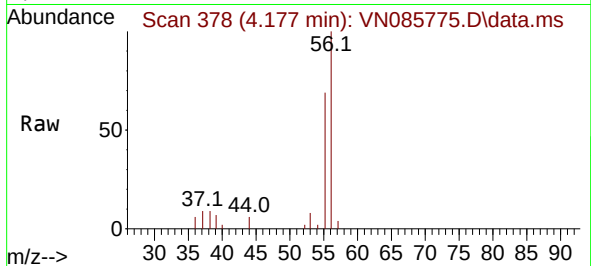




#13  
Acrolein  
Concen: 49.677 ug/l  
RT: 4.177 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

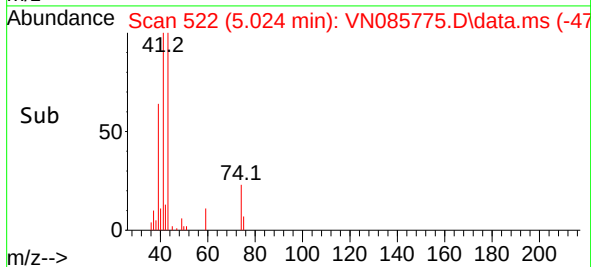
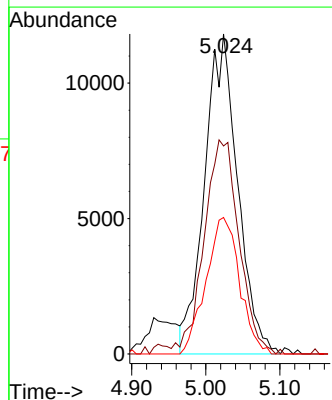
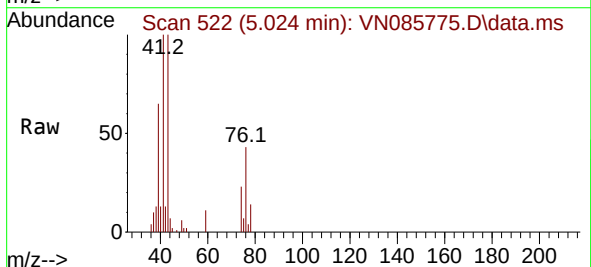
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

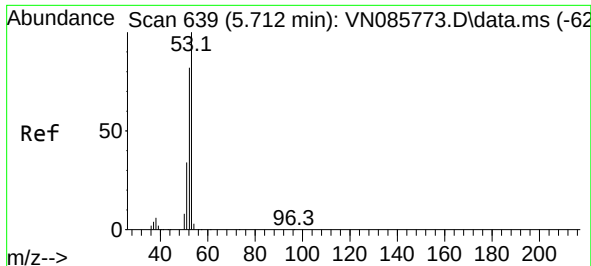
Tgt Ion: 56 Resp: 27644  
Ion Ratio Lower Upper  
56 100  
55 70.8 55.3 82.9



#14  
Allyl chloride  
Concen: 10.809 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 41 Resp: 36624  
Ion Ratio Lower Upper  
41 100  
39 70.9 57.4 86.2  
76 43.4 36.2 54.2

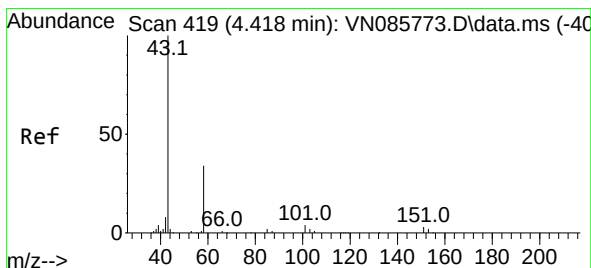
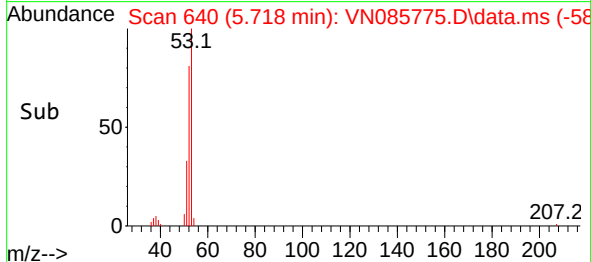
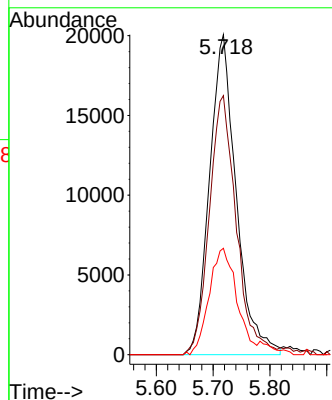
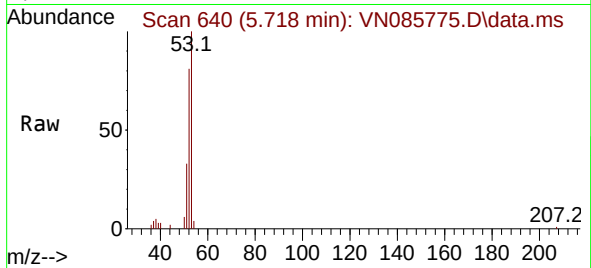




#15  
Acrylonitrile  
Concen: 53.643 ug/l  
RT: 5.718 min Scan# 640  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

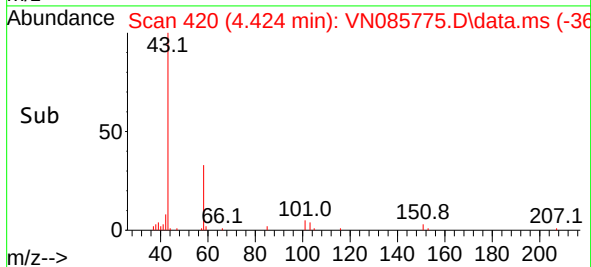
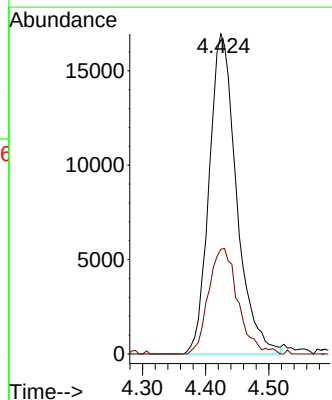
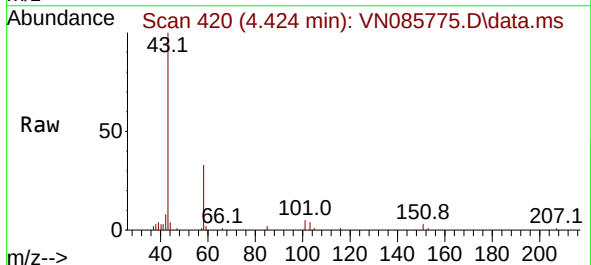
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

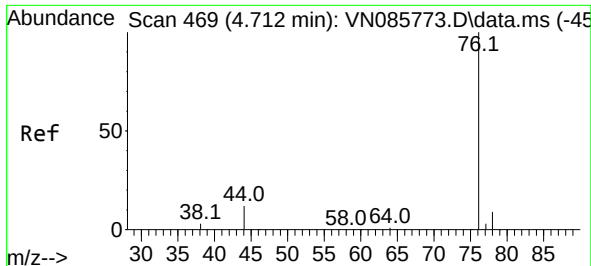
|             |                |
|-------------|----------------|
| Tgt Ion: 53 | Resp: 65440    |
| Ion Ratio   | Lower Upper    |
| 53          | 100            |
| 52          | 81.7 65.8 98.6 |
| 51          | 34.5 28.6 42.8 |



#16  
Acetone  
Concen: 53.007 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 51172    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 32.7 27.5 41.3 |

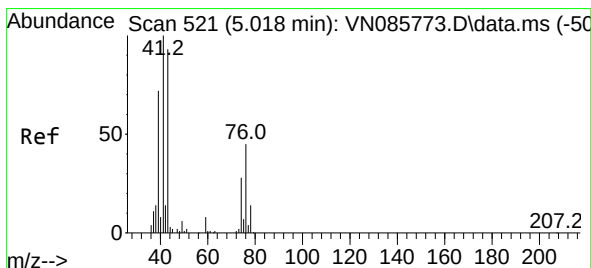
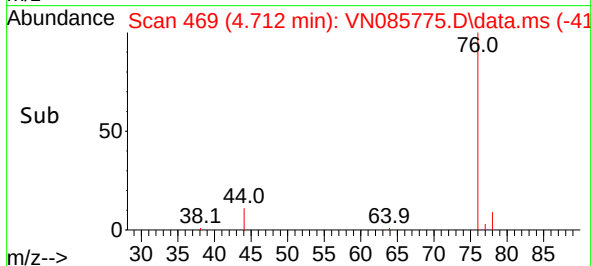
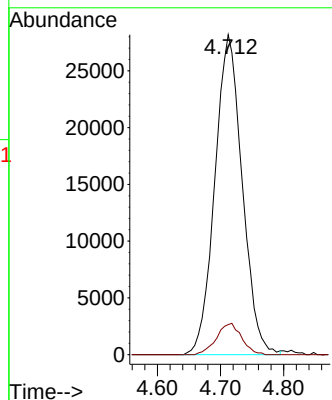
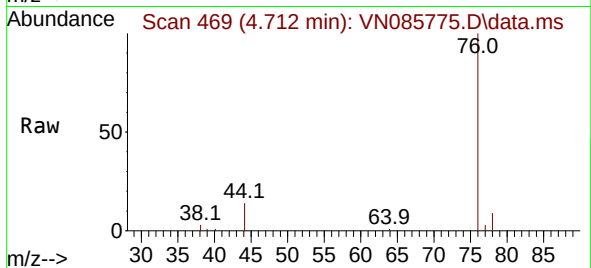




#17  
Carbon Disulfide  
Concen: 11.102 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

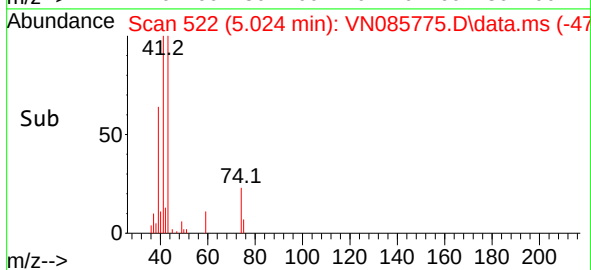
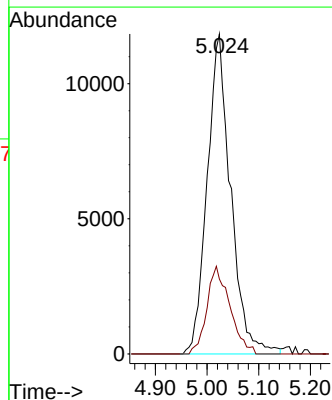
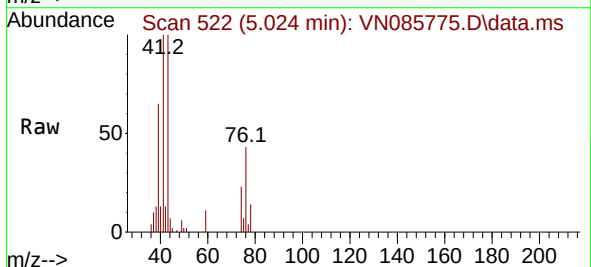
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

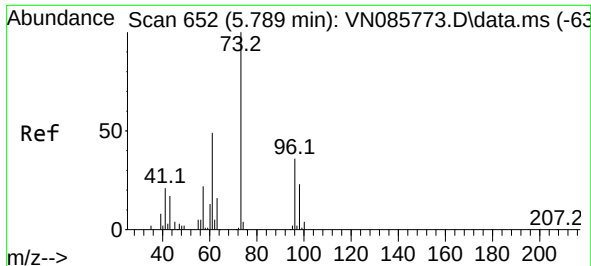
Tgt Ion: 76 Resp: 84915  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 11.250 ug/l  
RT: 5.024 min Scan# 522  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 43 Resp: 37354  
Ion Ratio Lower Upper  
43 100  
74 26.9 22.2 33.4

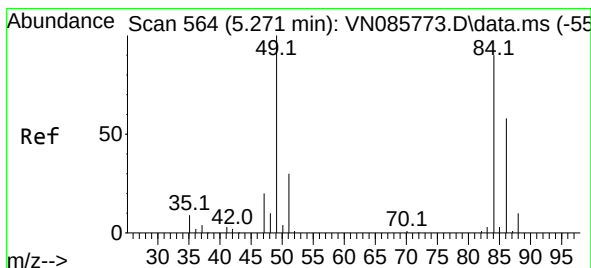
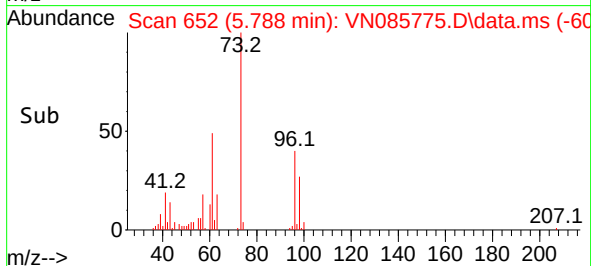
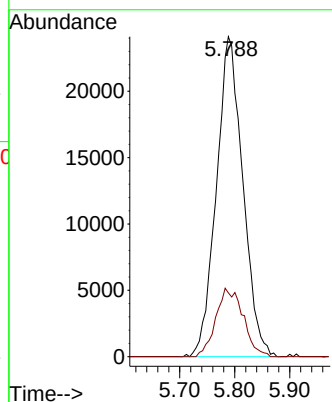
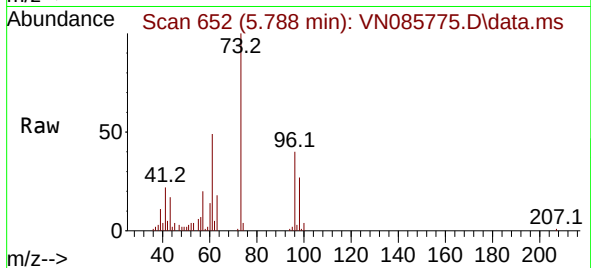




#19  
Methyl tert-butyl Ether  
Concen: 10.521 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

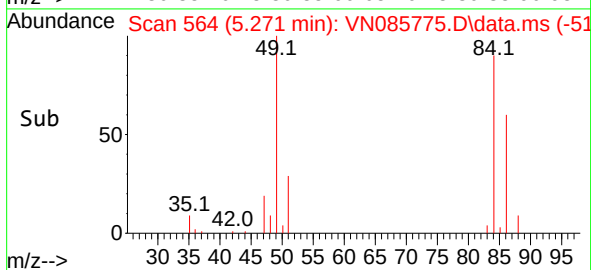
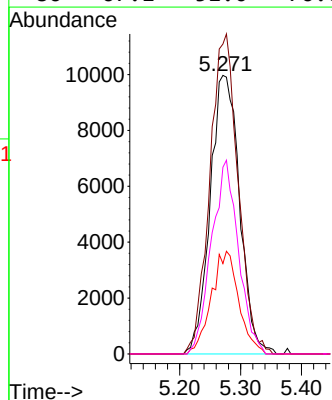
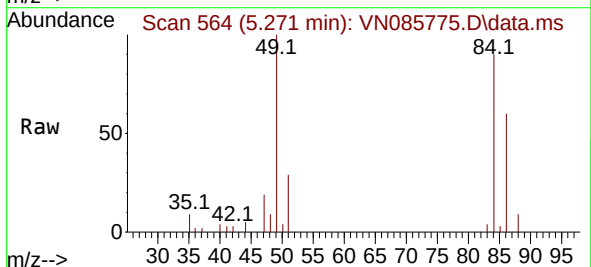
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

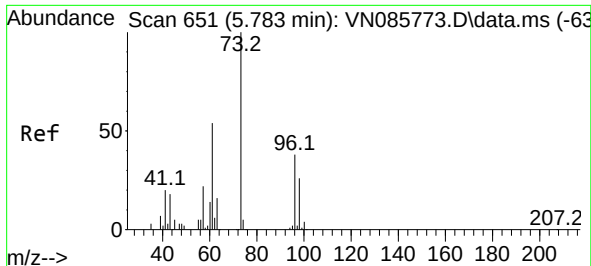
Tgt Ion: 73 Resp: 80686  
Ion Ratio Lower Upper  
73 100  
57 20.0 17.6 26.4



#20  
Methylene Chloride  
Concen: 10.762 ug/l  
RT: 5.271 min Scan# 564  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 84 Resp: 33412  
Ion Ratio Lower Upper  
84 100  
49 111.3 88.4 132.6  
51 32.4 26.6 40.0  
86 67.1 51.0 76.6

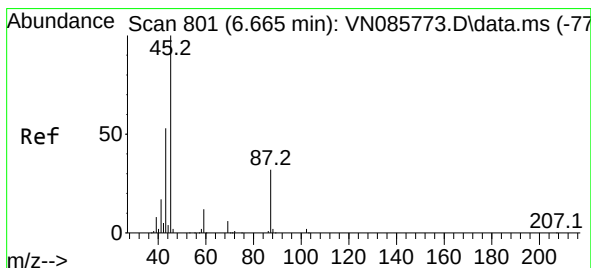
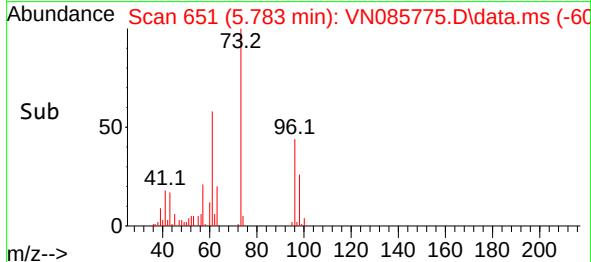
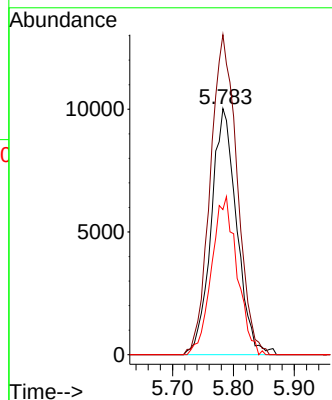
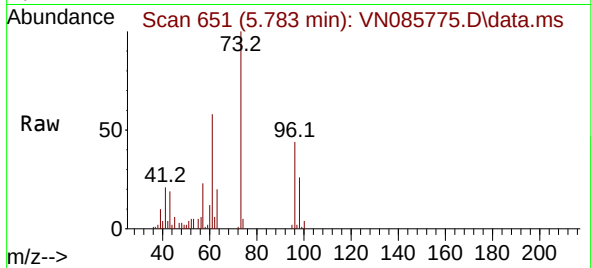




#21  
trans-1,2-Dichloroethene  
Concen: 10.517 ug/l  
RT: 5.783 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

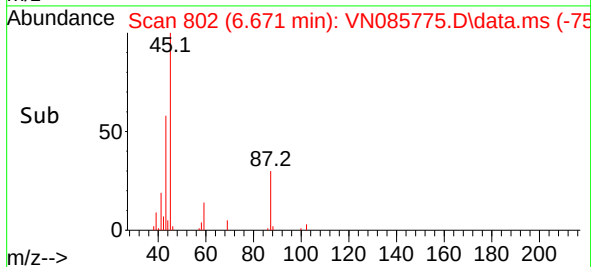
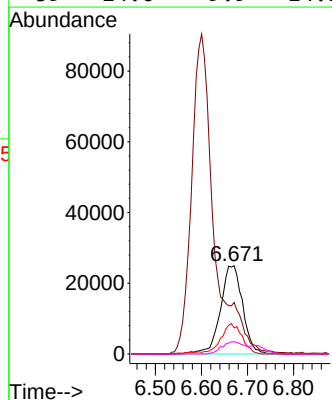
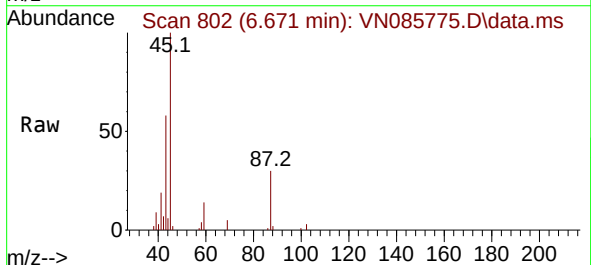
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

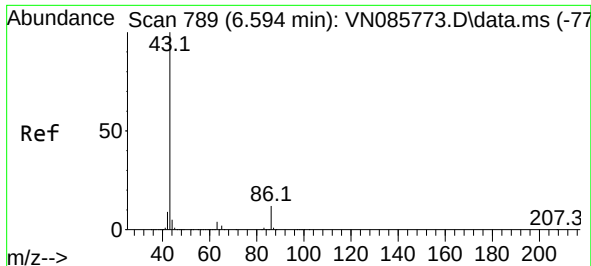
Tgt Ion: 96 Resp: 29226  
Ion Ratio Lower Upper  
96 100  
61 130.0 112.6 168.8  
98 59.0 53.3 79.9



#22  
Diisopropyl ether  
Concen: 10.841 ug/l  
RT: 6.671 min Scan# 802  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 45 Resp: 83002  
Ion Ratio Lower Upper  
45 100  
43 56.6 42.6 64.0  
87 29.5 25.8 38.8  
59 14.0 9.9 14.9

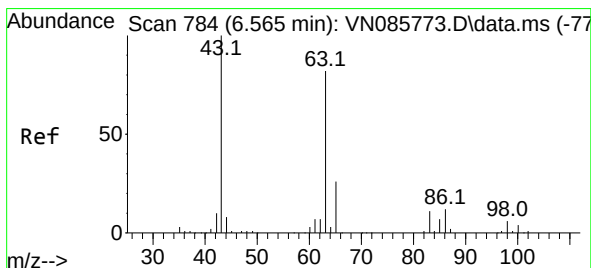
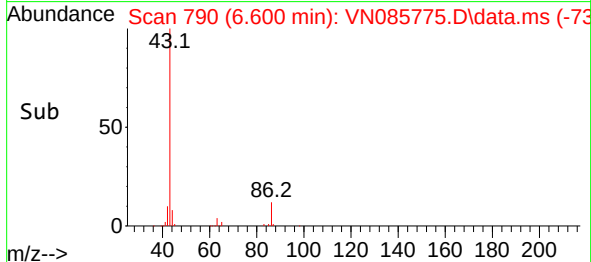
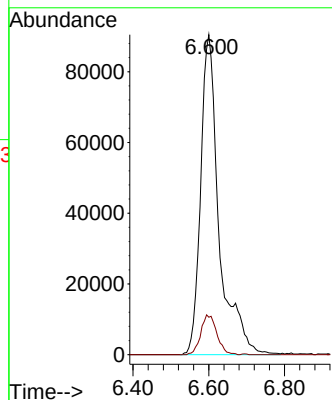
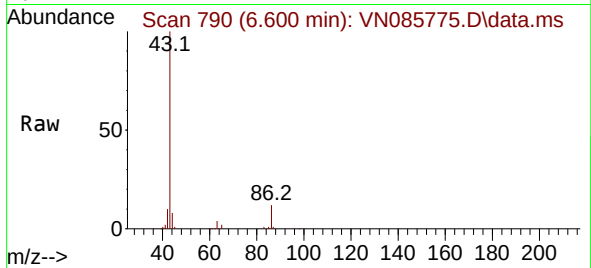




#23  
 Vinyl Acetate  
 Concen: 58.499 ug/l  
 RT: 6.600 min Scan# 790  
 Delta R.T. 0.006 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

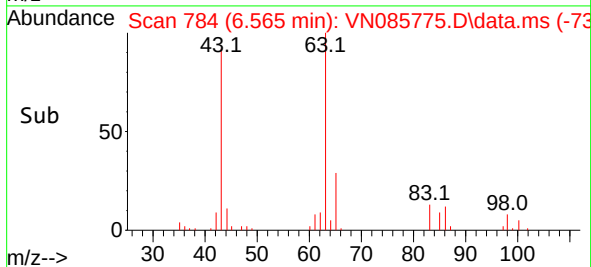
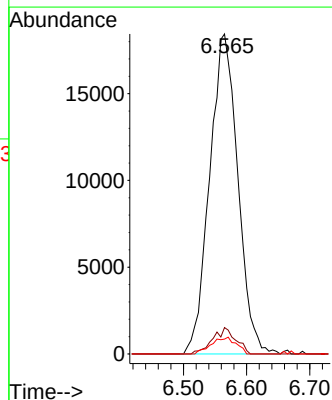
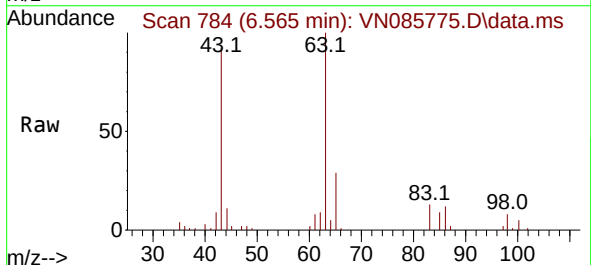
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 43 Resp: 305726  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 9.8 14.8

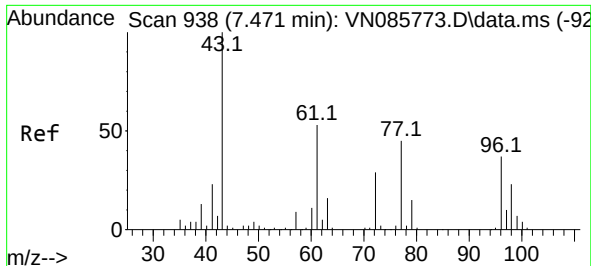


#24  
 1,1-Dichloroethane  
 Concen: 10.999 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion: 63 Resp: 57247  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 3.5 10.4  
 100 4.6 2.4 7.2







#25

2-Butanone

Concen: 54.772 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

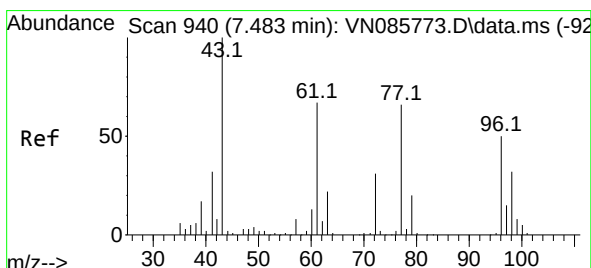
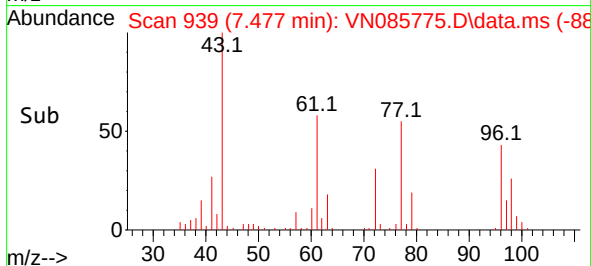
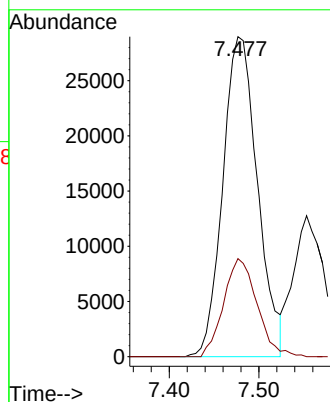
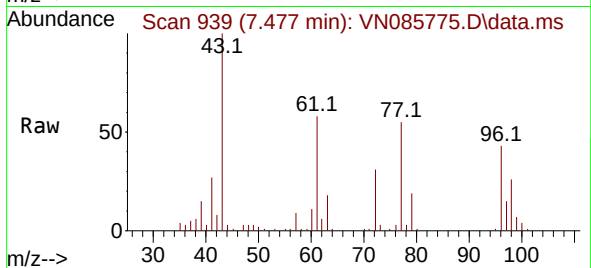
VSTDIC010

Tgt Ion: 43 Resp: 77791

Ion Ratio Lower Upper

43 100

72 30.6 23.6 35.4



#26

2,2-Dichloropropane

Concen: 10.876 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN085775.D

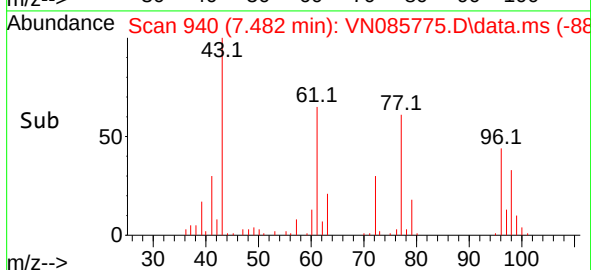
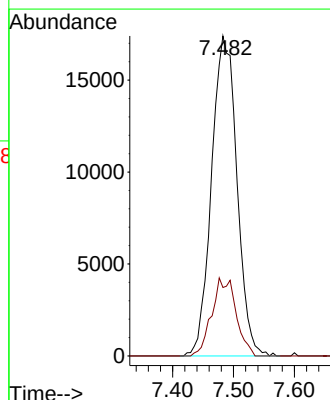
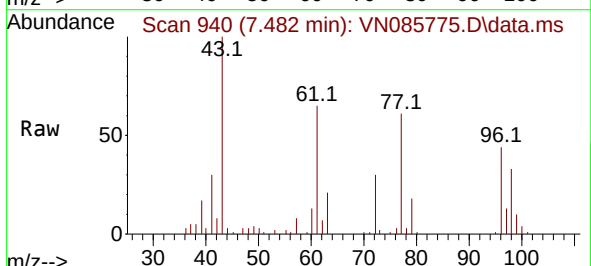
Acq: 18 Feb 2025 12:20

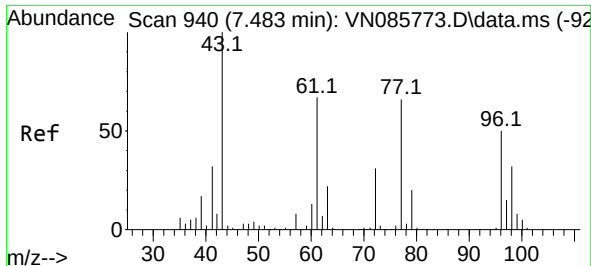
Tgt Ion: 77 Resp: 50333

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8

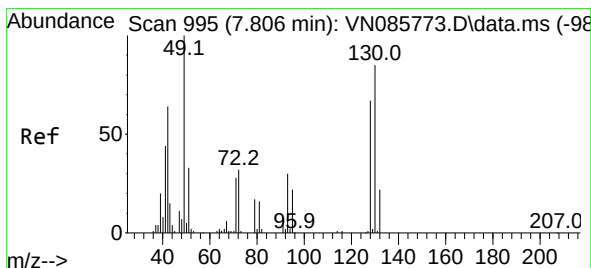
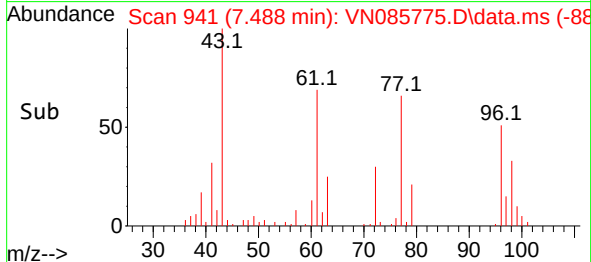
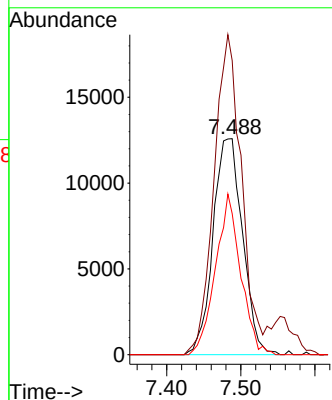
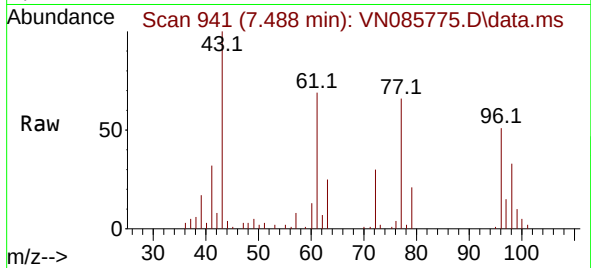




#27  
 cis-1,2-Dichloroethene  
 Concen: 10.802 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

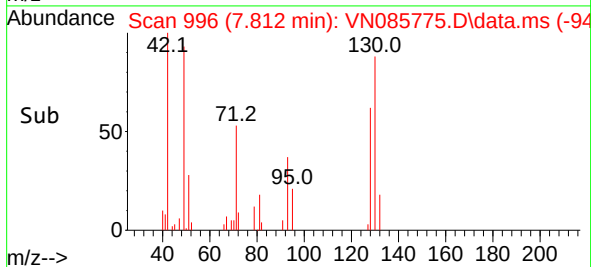
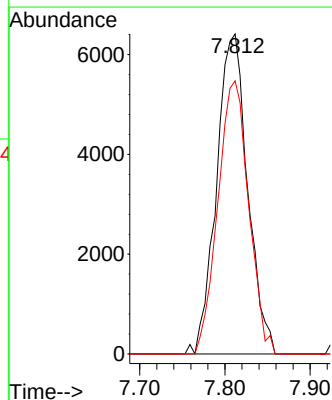
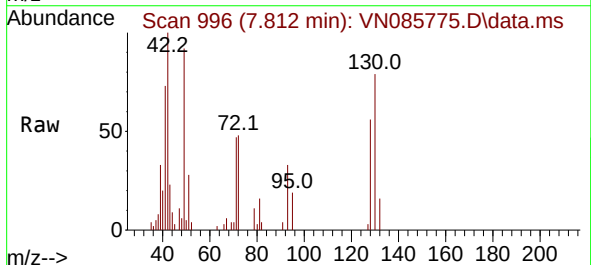
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

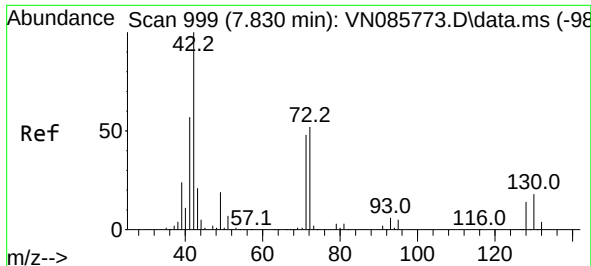
Tgt Ion: 96 Resp: 34806  
 Ion Ratio Lower Upper  
 96 100  
 61 137.4 0.0 280.6  
 98 63.6 0.0 128.6



#28  
 Bromochloromethane  
 Concen: 7.609 ug/l  
 RT: 7.812 min Scan# 996  
 Delta R.T. 0.006 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion: 49 Resp: 16276  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.8  
 130 84.4 68.0 102.0





#29

Tetrahydrofuran

Concen: 55.039 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

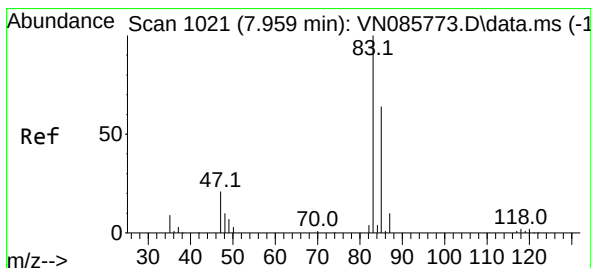
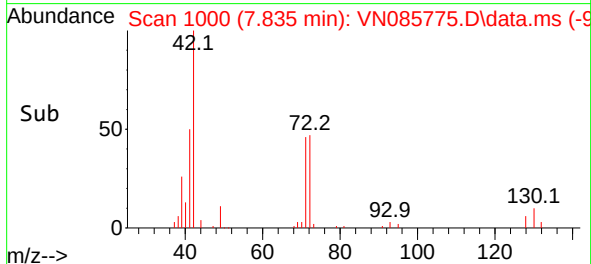
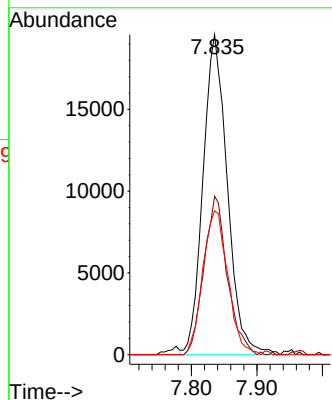
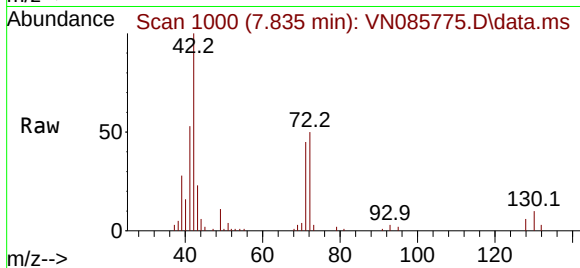
Tgt Ion: 42 Resp: 50478

Ion Ratio Lower Upper

42 100

72 47.8 40.0 60.0

71 46.2 37.0 55.4



#30

Chloroform

Concen: 10.980 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN085775.D

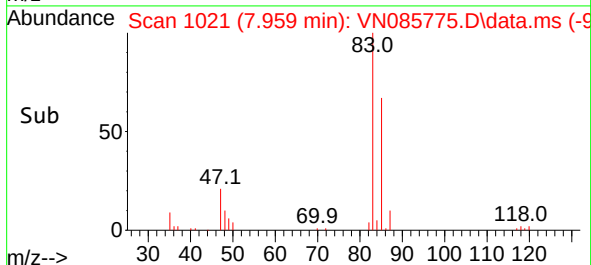
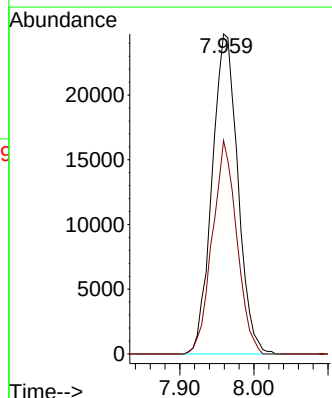
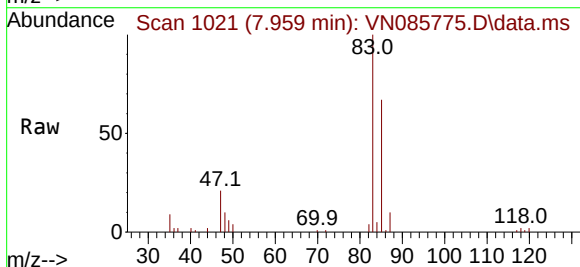
Acq: 18 Feb 2025 12:20

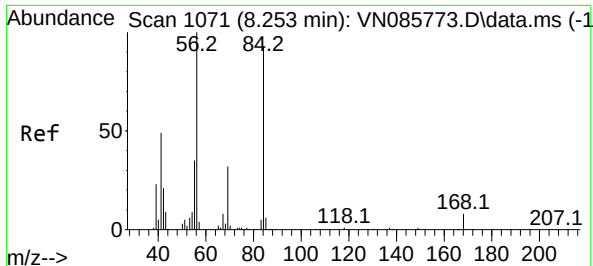
Tgt Ion: 83 Resp: 59719

Ion Ratio Lower Upper

83 100

85 66.7 50.9 76.3





#31

Cyclohexane

Concen: 10.555 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

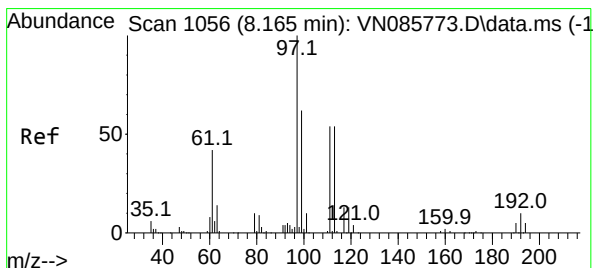
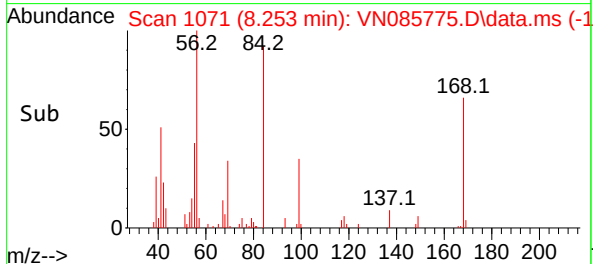
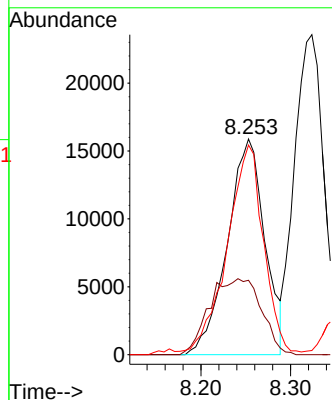
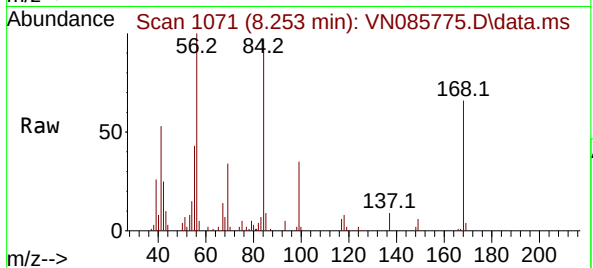
Tgt Ion: 56 Resp: 45995

Ion Ratio Lower Upper

56 100

69 34.5 25.8 38.6

84 95.6 74.5 111.7



#32

1,1,1-Trichloroethane

Concen: 10.595 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

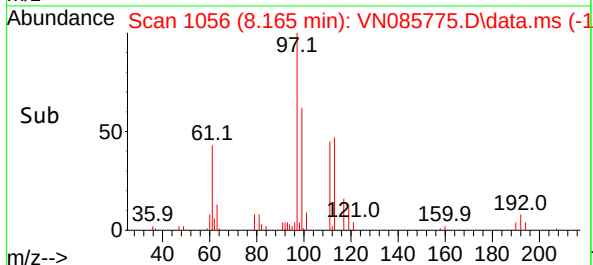
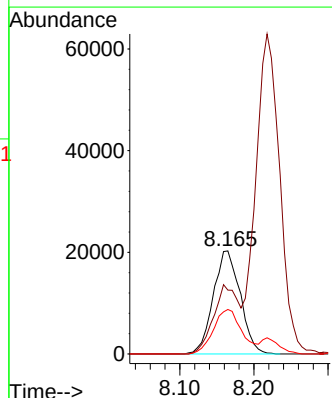
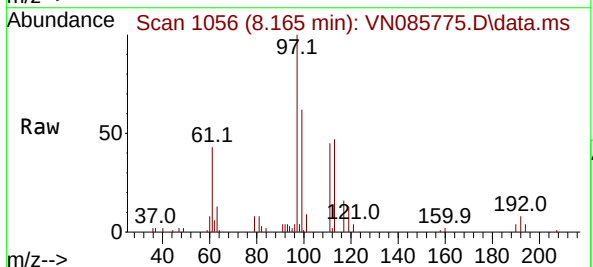
Tgt Ion: 97 Resp: 51254

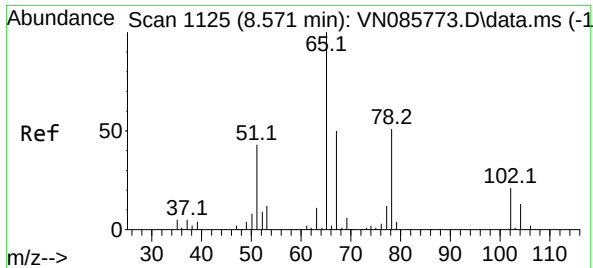
Ion Ratio Lower Upper

97 100

99 61.3 50.4 75.6

61 45.8 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 9.064 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

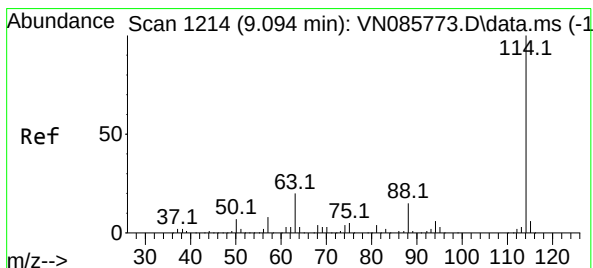
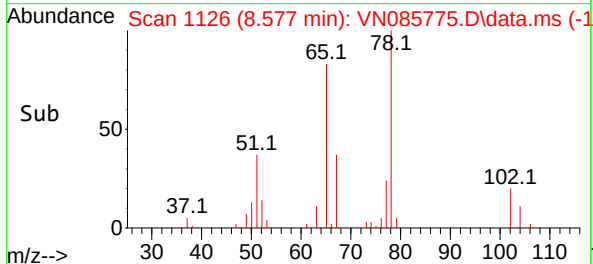
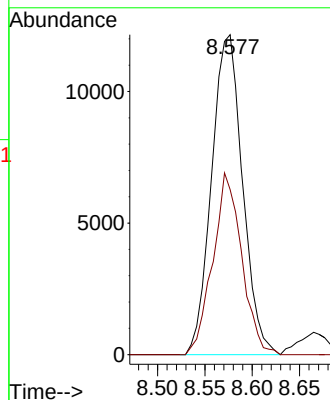
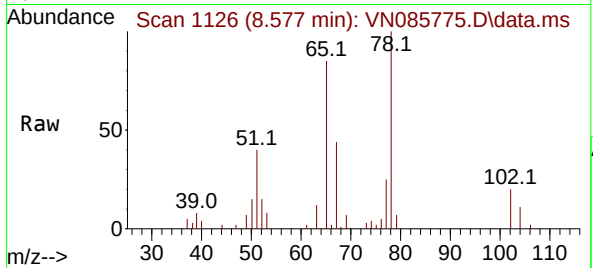
VSTDIC010

Tgt Ion: 65 Resp: 27654

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

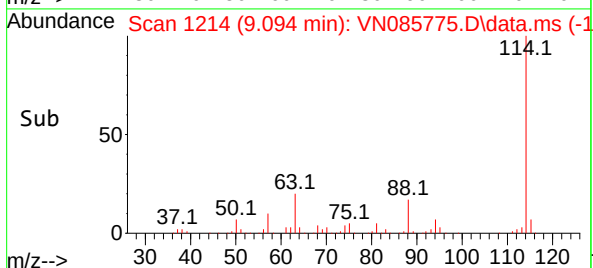
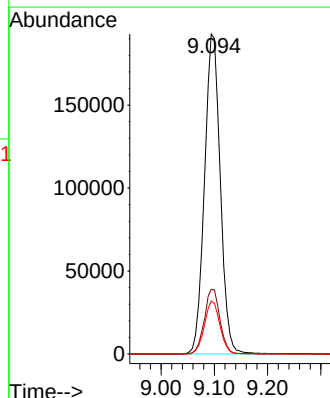
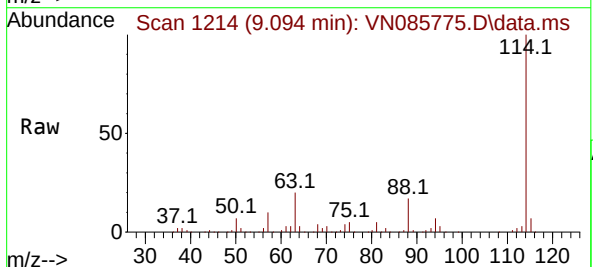
Tgt Ion: 114 Resp: 397776

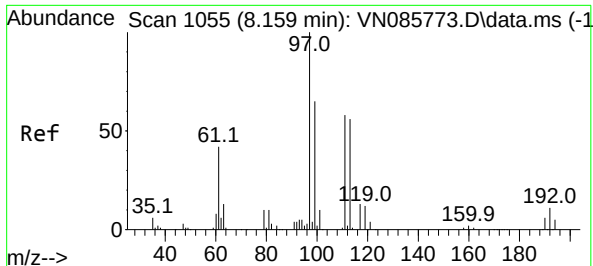
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

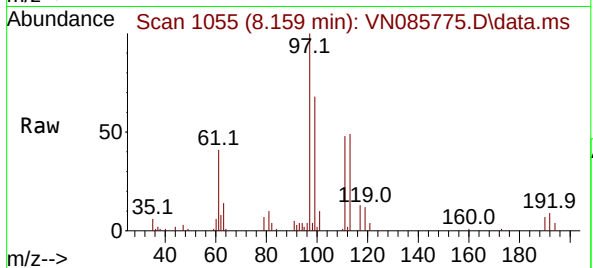
88 16.5 0.0 30.0



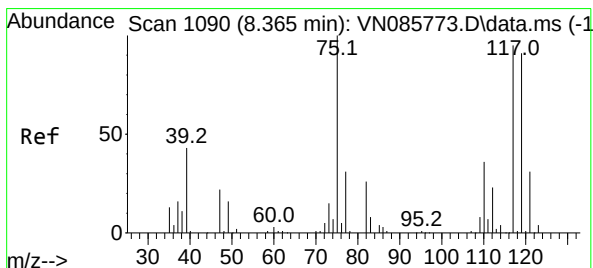
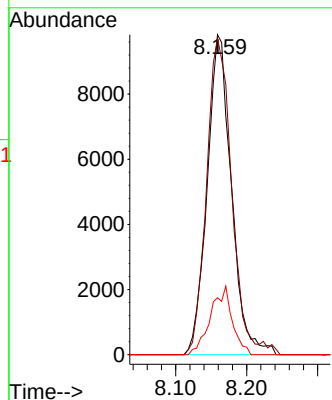
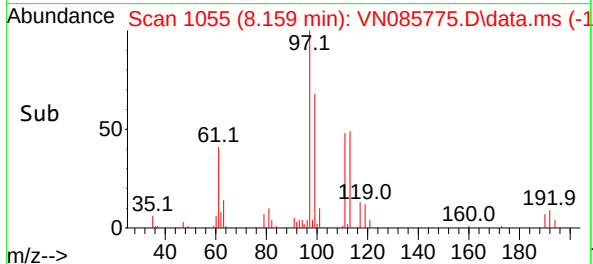


#35  
Dibromofluoromethane  
Concen: 8.972 ug/l  
RT: 8.159 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

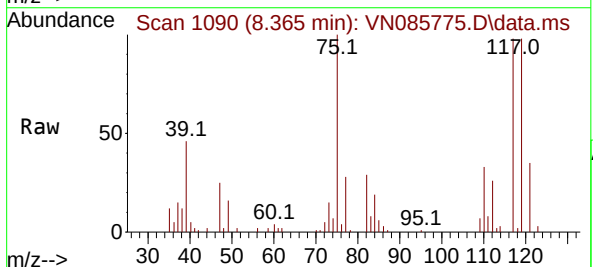
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



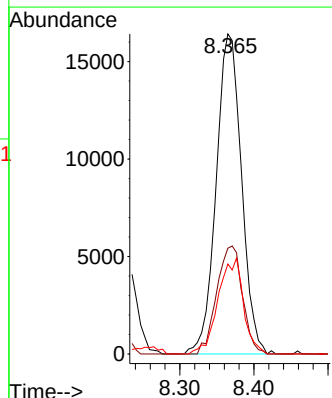
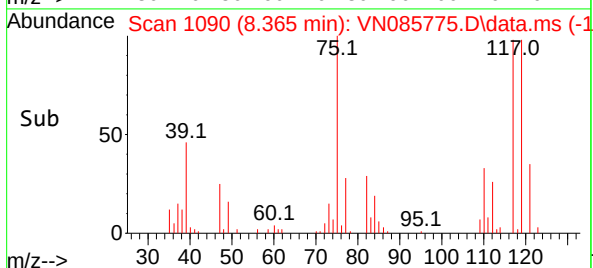
Tgt Ion:113 Resp: 23353  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.2 123.4  
192 19.2 14.7 22.1

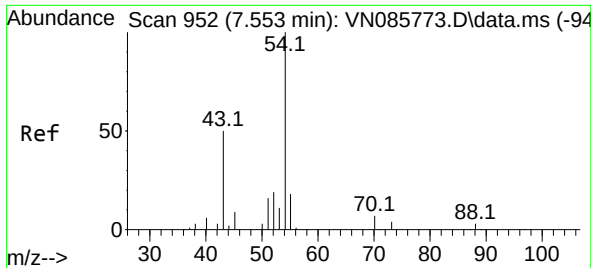


#36  
1,1-Dichloropropene  
Concen: 10.582 ug/l  
RT: 8.365 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20



Tgt Ion: 75 Resp: 38983  
Ion Ratio Lower Upper  
75 100  
110 34.2 17.3 52.0  
77 29.9 24.6 37.0

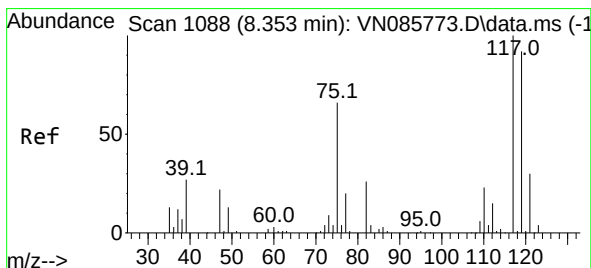
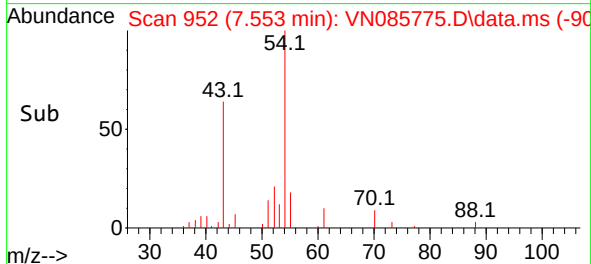
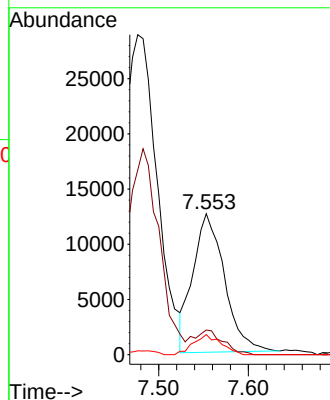
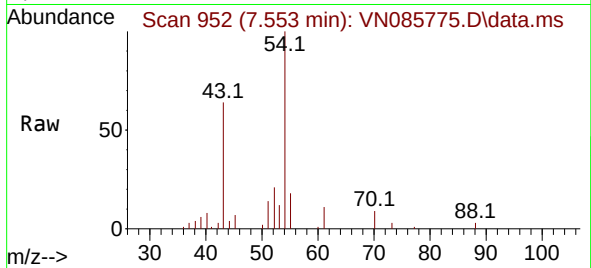




#37  
Ethyl Acetate  
Concen: 10.115 ug/l  
RT: 7.553 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

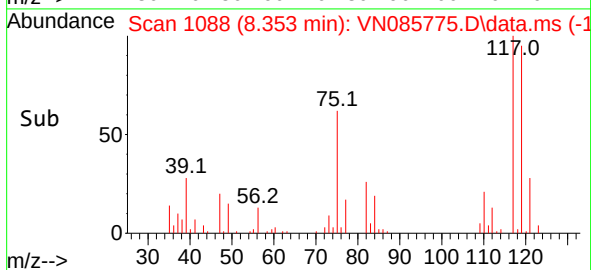
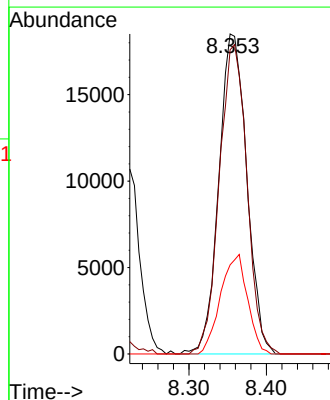
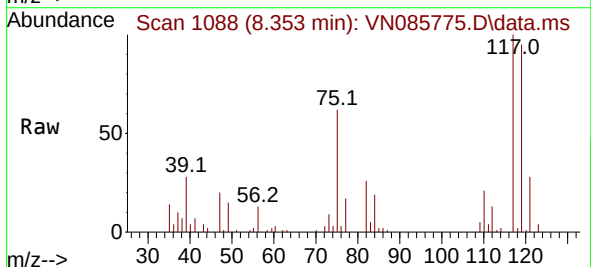
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

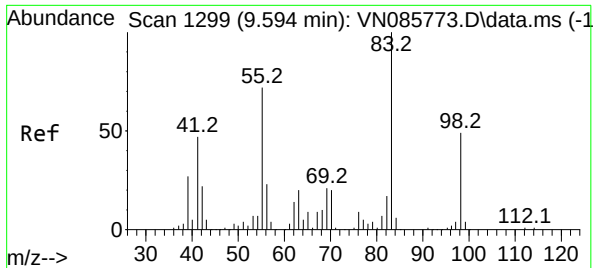
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 30665 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.0  | 12.2  | 18.2  |
| 70       | 12.6  | 9.5   | 14.3  |



#38  
Carbon Tetrachloride  
Concen: 10.605 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46420 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.1  | 73.8  | 110.6 |
| 121      | 27.8  | 24.3  | 36.5  |





#39

Methylcyclohexane

Concen: 9.803 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

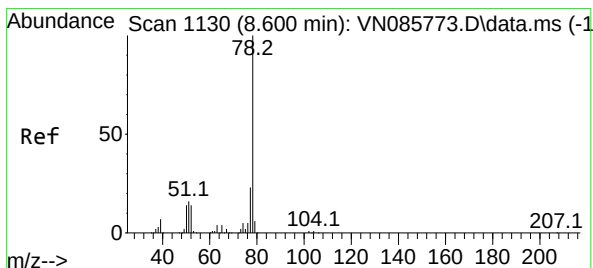
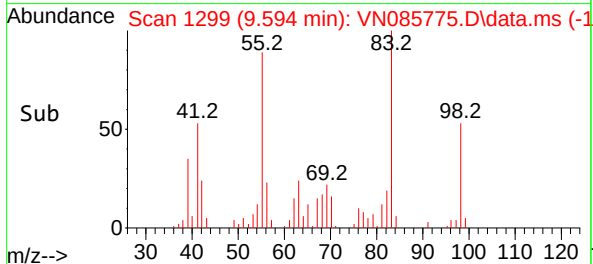
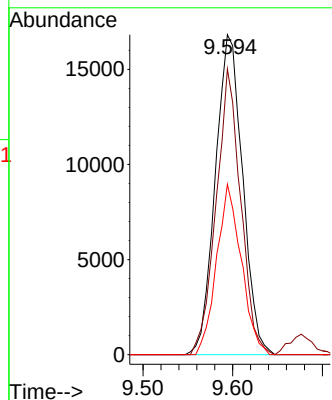
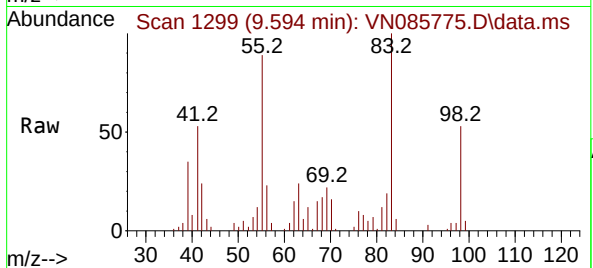
Tgt Ion: 83 Resp: 35475

Ion Ratio Lower Upper

83 100

55 89.3 57.5 86.3#

98 53.2 39.2 58.8



#40

Benzene

Concen: 10.562 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085775.D

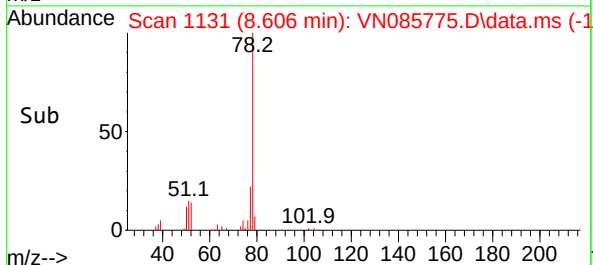
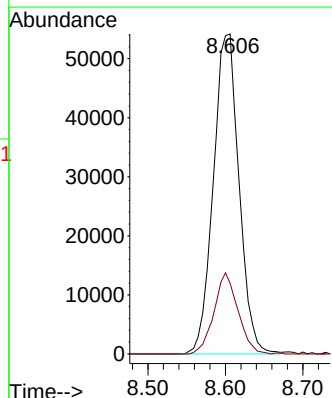
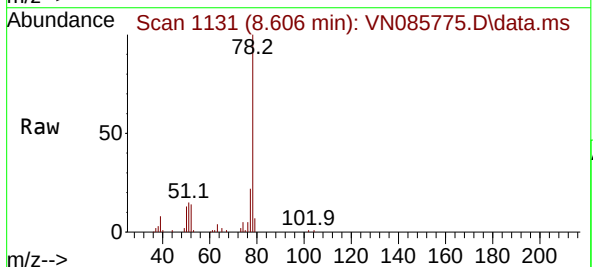
Acq: 18 Feb 2025 12:20

Tgt Ion: 78 Resp: 124704

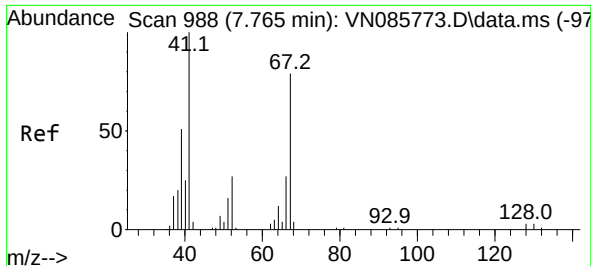
Ion Ratio Lower Upper

78 100

77 22.1 18.3 27.5



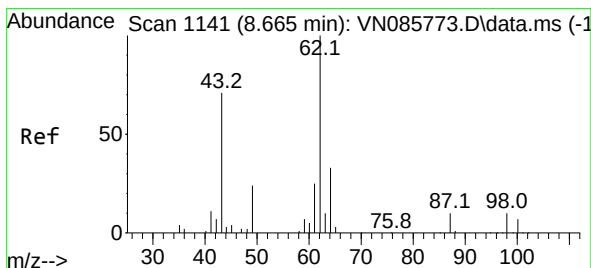
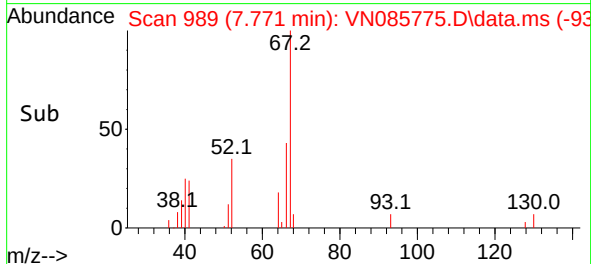
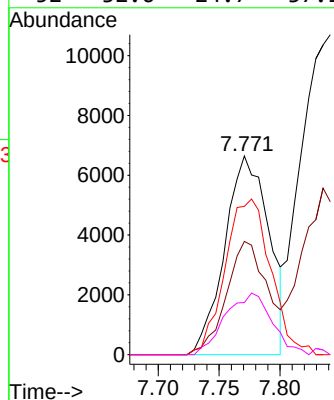
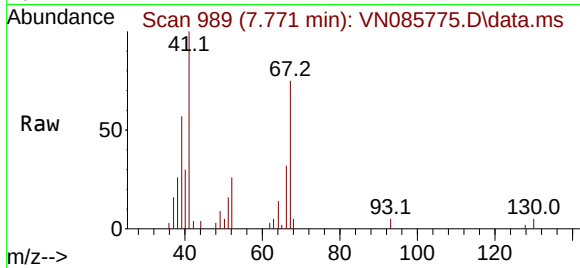




#41  
Methacrylonitrile  
Concen: 10.373 ug/l  
RT: 7.771 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

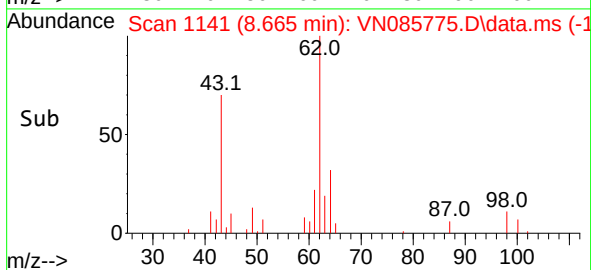
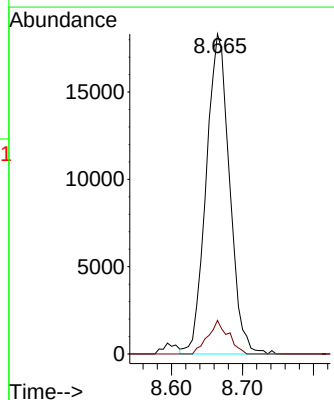
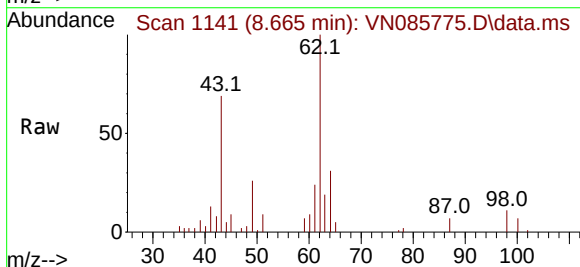
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

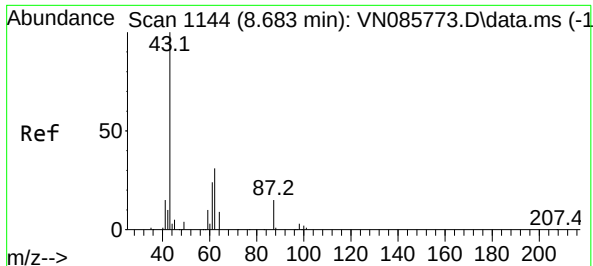
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 16811 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.8  | 42.0  | 63.0  |
| 67       | 80.7  | 64.2  | 96.4  |
| 52       | 32.6  | 24.7  | 37.1  |



#42  
1,2-Dichloroethane  
Concen: 10.898 ug/l  
RT: 8.665 min Scan# 1141  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 41912 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 19.6  |

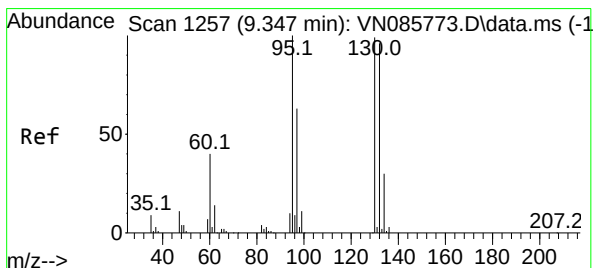
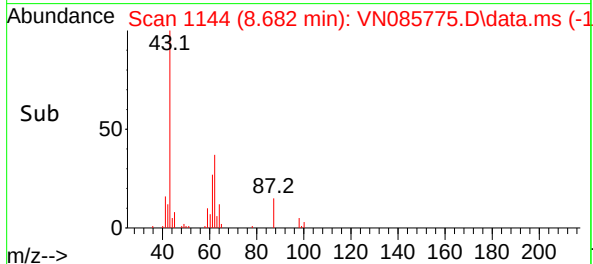
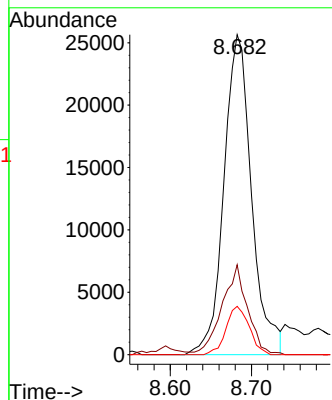
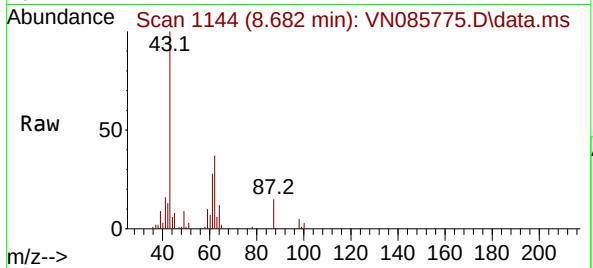




#43  
Isopropyl Acetate  
Concen: 11.001 ug/l  
RT: 8.682 min Scan# 1144  
Delta R.T. -0.001 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

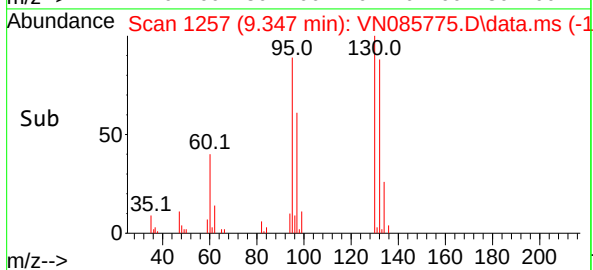
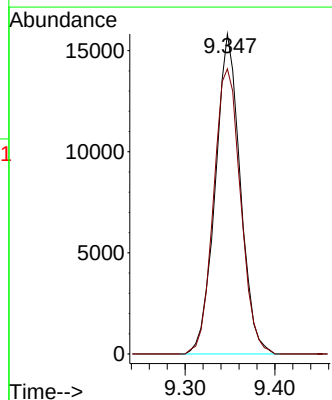
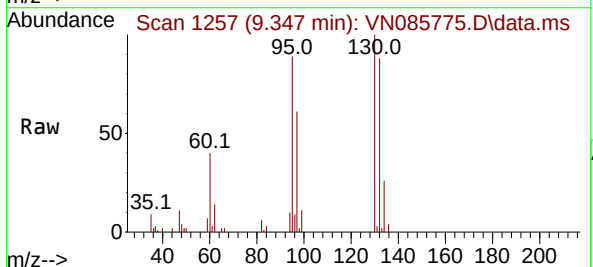
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

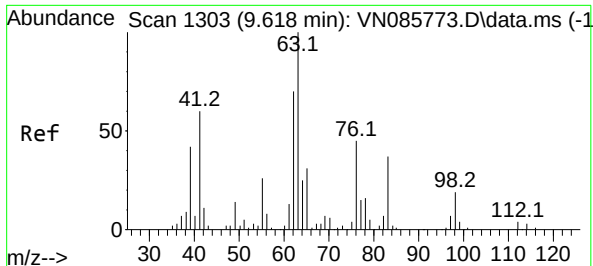
Tgt Ion: 43 Resp: 60794  
Ion Ratio Lower Upper  
43 100  
61 25.9 22.6 34.0  
87 12.7 11.8 17.8



#44  
Trichloroethene  
Concen: 10.542 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:130 Resp: 30561  
Ion Ratio Lower Upper  
130 100  
95 89.1 0.0 202.6





#45

1,2-Dichloropropane

Concen: 10.744 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

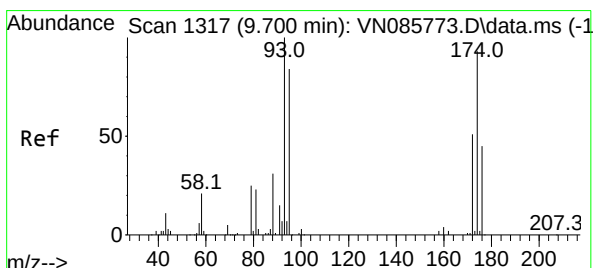
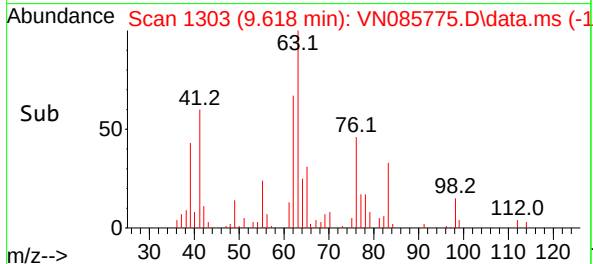
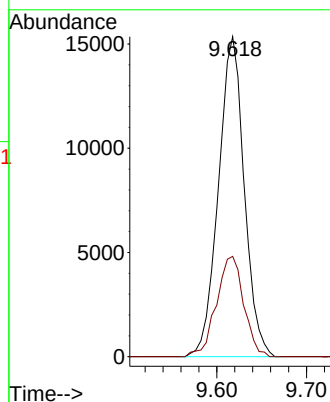
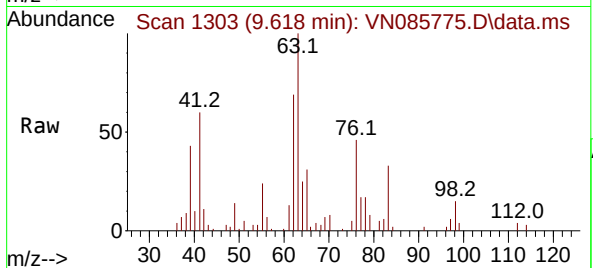
VSTDIC010

Tgt Ion: 63 Resp: 30619

Ion Ratio Lower Upper

63 100

65 31.3 25.1 37.7



#46

Dibromomethane

Concen: 10.489 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

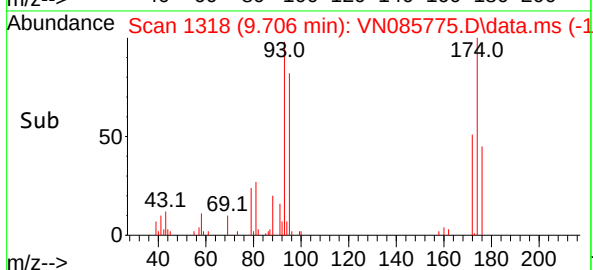
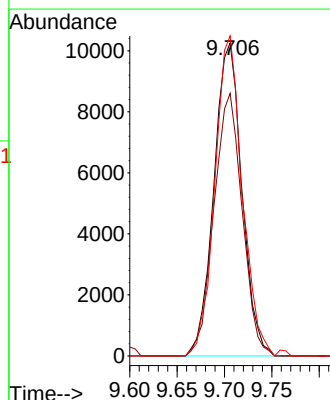
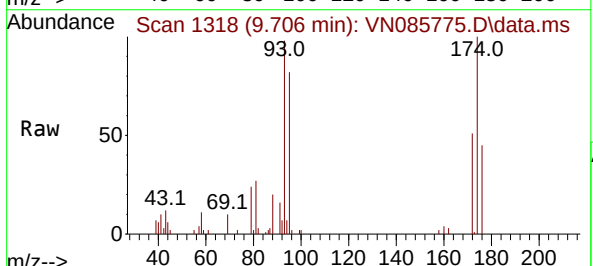
Tgt Ion: 93 Resp: 21085

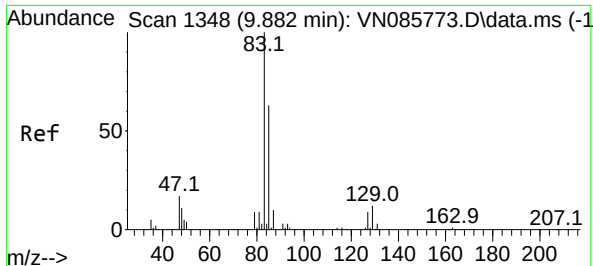
Ion Ratio Lower Upper

93 100

95 84.8 66.7 100.1

174 99.7 77.2 115.8

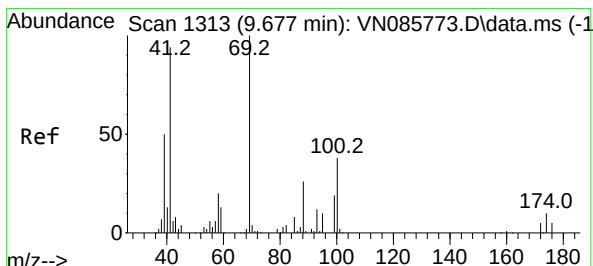
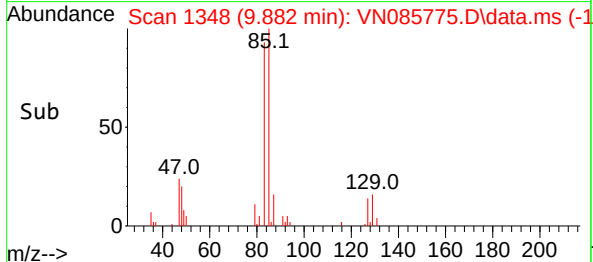
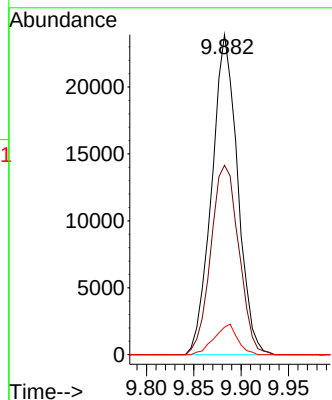
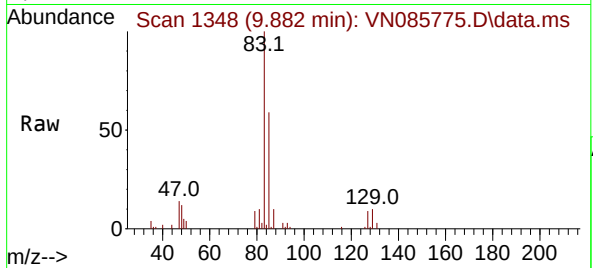




#47  
Bromodichloromethane  
Concen: 10.559 ug/l  
RT: 9.882 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

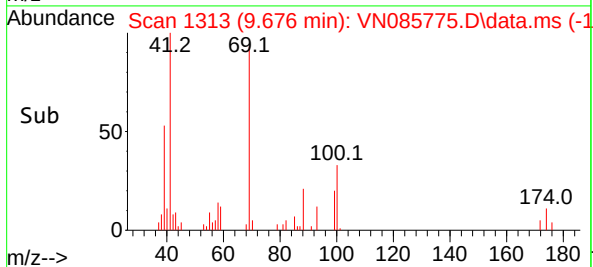
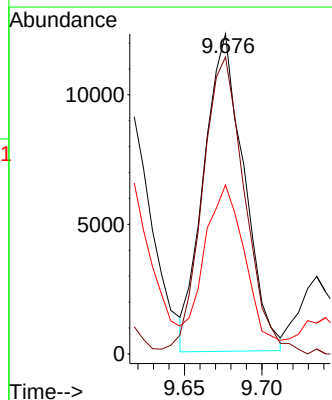
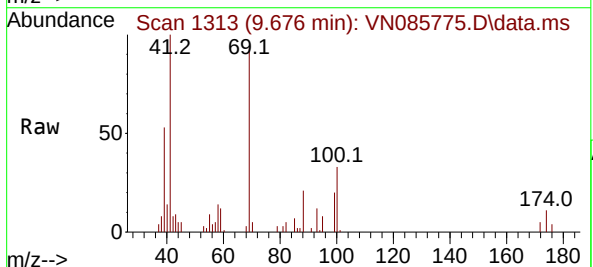
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

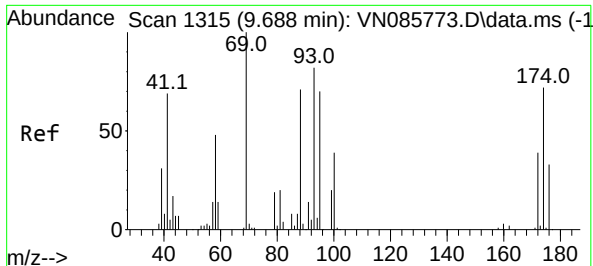
Tgt Ion: 83 Resp: 45413  
Ion Ratio Lower Upper  
83 100  
85 59.2 50.5 75.7  
127 8.6 7.2 10.8



#48  
Methyl methacrylate  
Concen: 9.798 ug/l  
RT: 9.676 min Scan# 1313  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 41 Resp: 22058  
Ion Ratio Lower Upper  
41 100  
69 99.3 76.0 114.0  
39 55.9 42.3 63.5





#49

1,4-Dioxane

Concen: 208.723 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

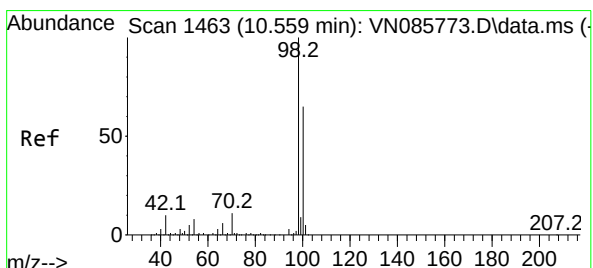
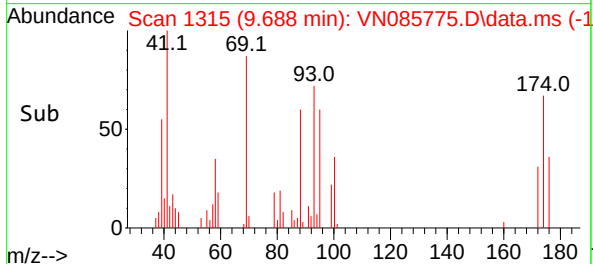
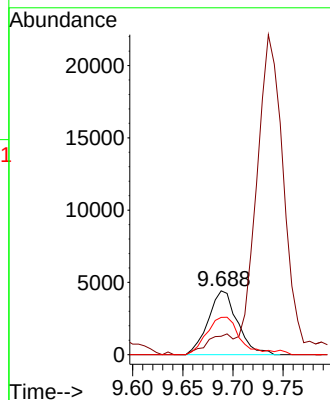
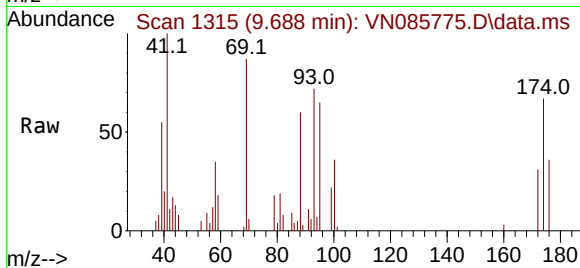
Tgt Ion: 88 Resp: 8936

Ion Ratio Lower Upper

88 100

43 28.6 18.6 27.8#

58 68.4 56.7 85.1



#50

Toluene-d8

Concen: 8.542 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085775.D

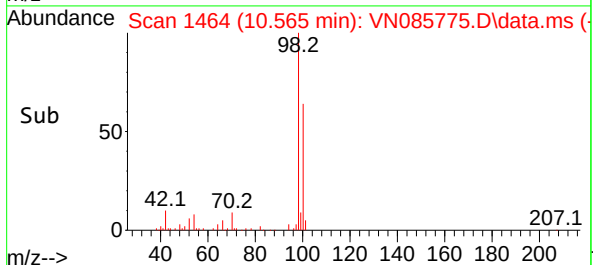
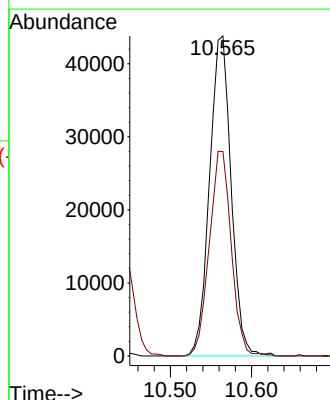
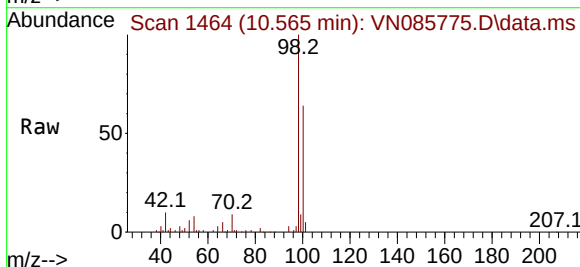
Acq: 18 Feb 2025 12:20

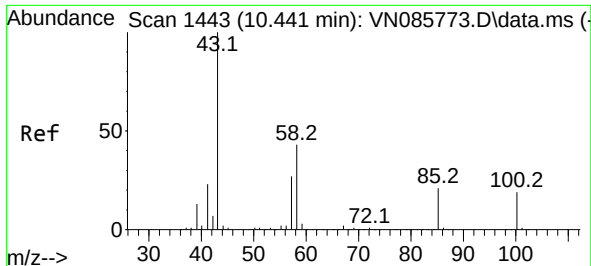
Tgt Ion: 98 Resp: 80889

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

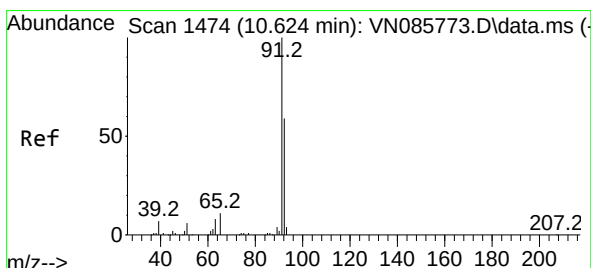
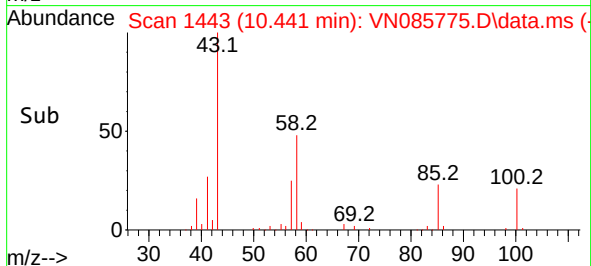
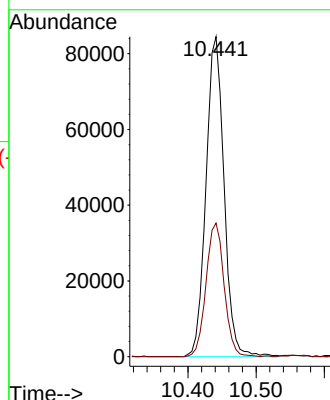
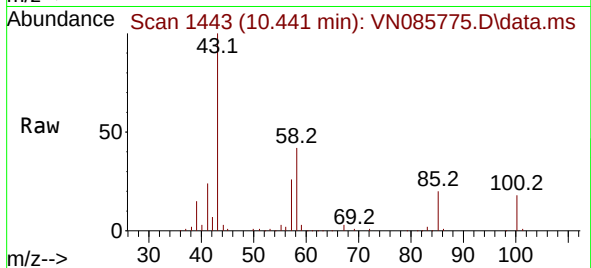




#51  
4-Methyl-2-Pentanone  
Concen: 53.302 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

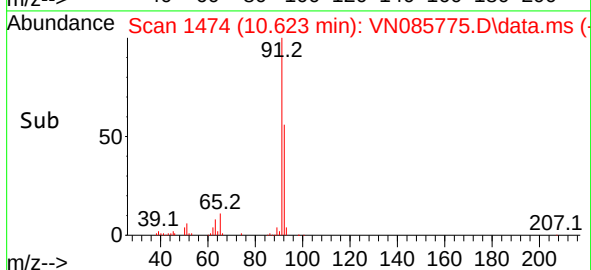
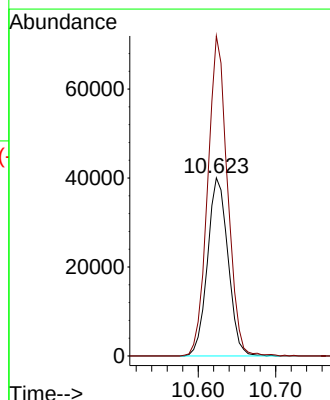
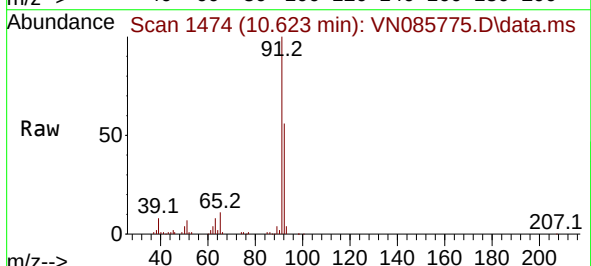
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

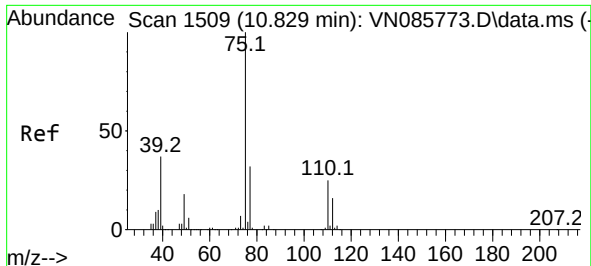
Tgt Ion: 43 Resp: 155789  
Ion Ratio Lower Upper  
43 100  
58 41.8 34.6 52.0



#52  
Toluene  
Concen: 10.622 ug/l  
RT: 10.623 min Scan# 1474  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 92 Resp: 73516  
Ion Ratio Lower Upper  
92 100  
91 173.5 136.9 205.3

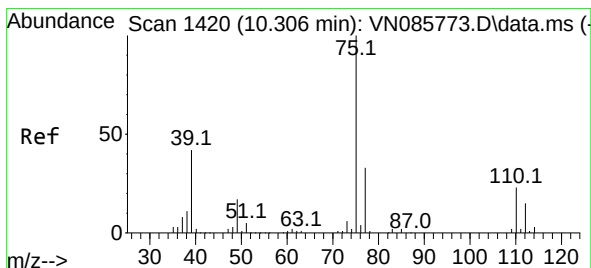
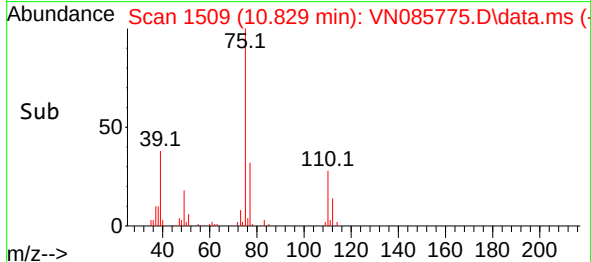
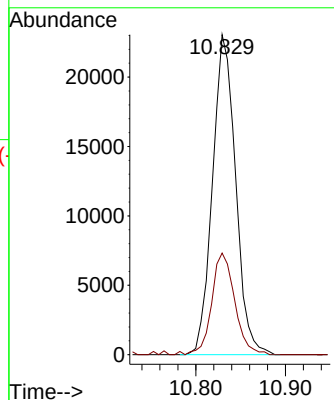
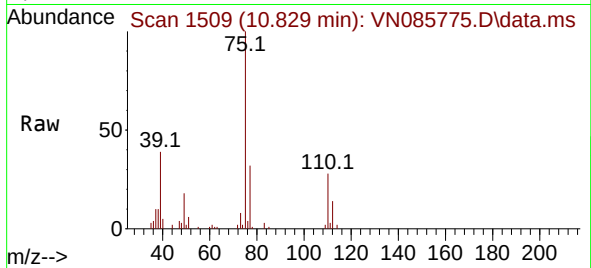




#53  
t-1,3-Dichloropropene  
Concen: 10.367 ug/l  
RT: 10.829 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

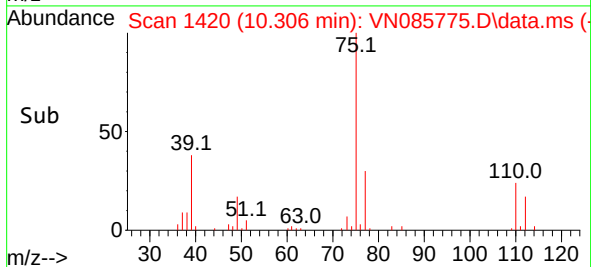
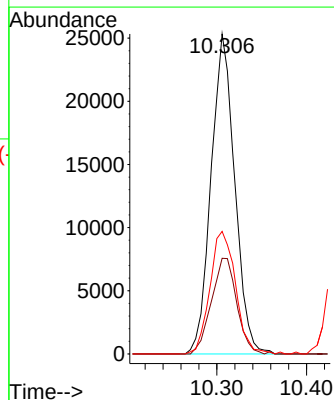
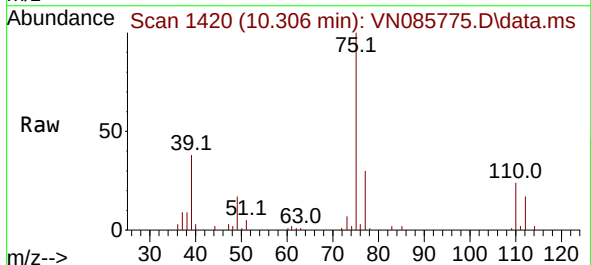
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

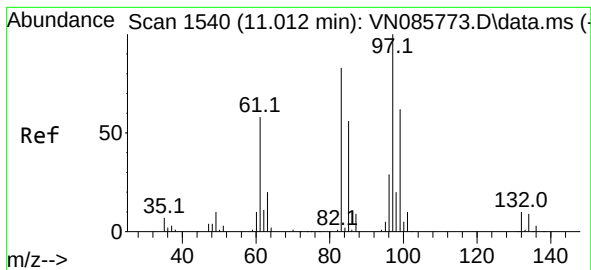
Tgt Ion: 75 Resp: 41230  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 10.617 ug/l  
RT: 10.306 min Scan# 1420  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 75 Resp: 46300  
Ion Ratio Lower Upper  
75 100  
77 29.9 26.1 39.1  
39 38.3 33.4 50.0

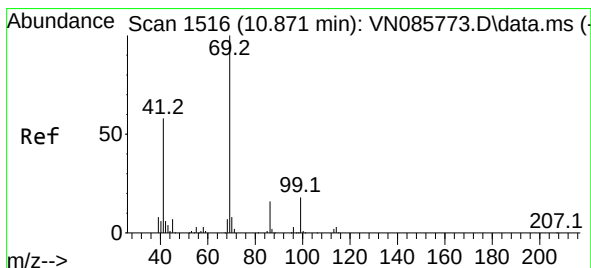
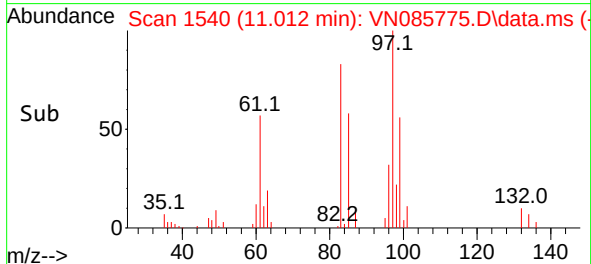
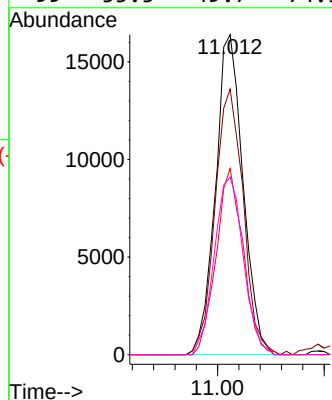
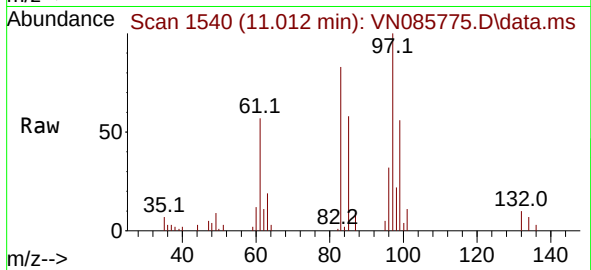




#55  
1,1,2-Trichloroethane  
Concen: 10.687 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

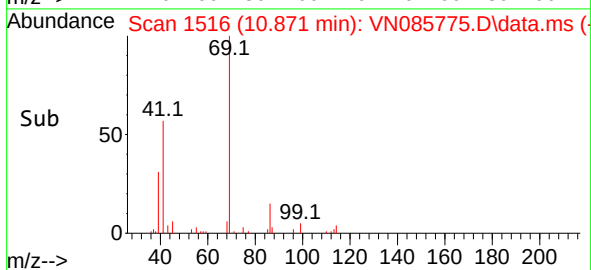
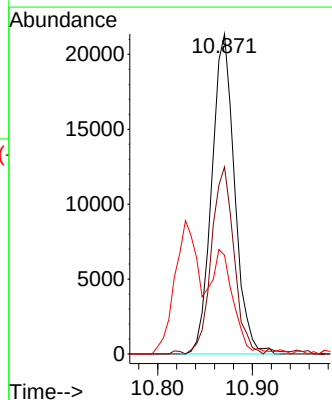
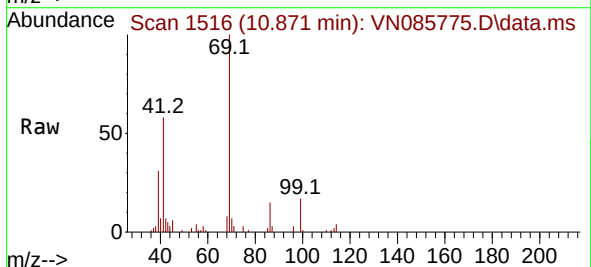
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 29408 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.0     | 66.1 99.1   |
| 85 58.2     | 44.7 67.1   |
| 99 55.5     | 49.7 74.5   |

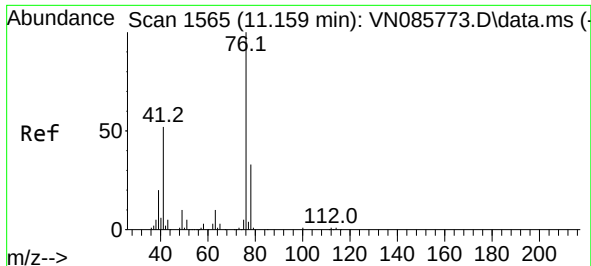


#56  
Ethyl methacrylate  
Concen: 10.274 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.001 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 35641 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 58.2     | 46.0 69.0   |
| 39 27.6     | 22.0 33.0   |



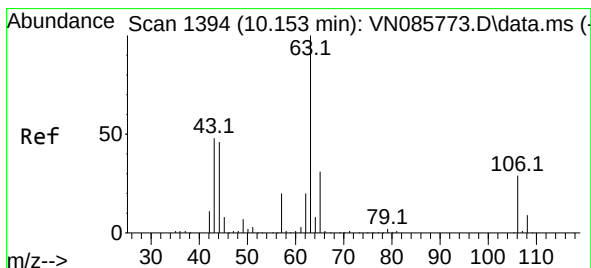
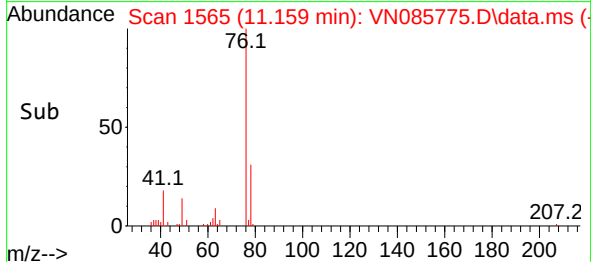
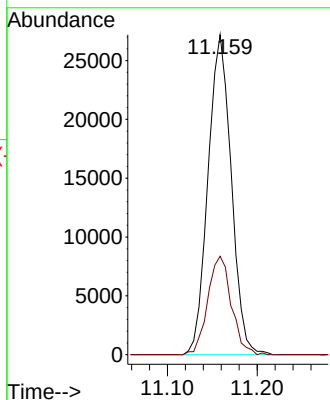
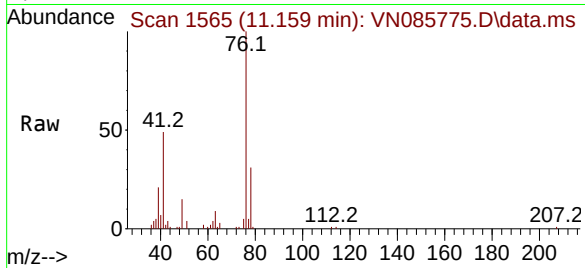




#57  
1,3-Dichloropropane  
Concen: 10.647 ug/l  
RT: 11.159 min Scan# 1115  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

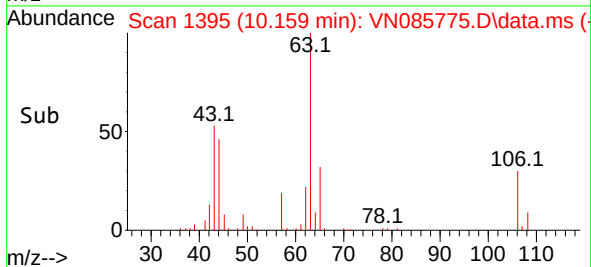
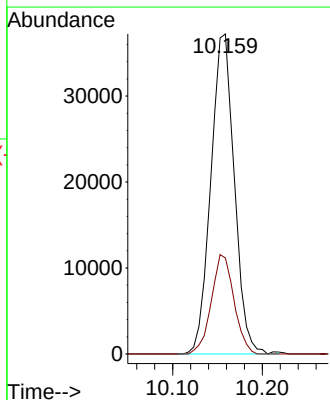
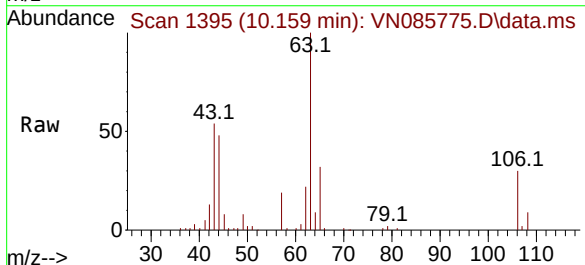
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

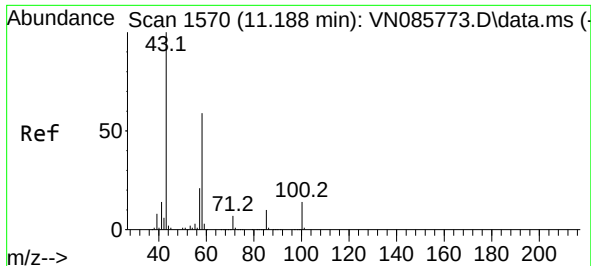
Tgt Ion: 76 Resp: 48905  
Ion Ratio Lower Upper  
76 100  
78 31.3 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 47.108 ug/l  
RT: 10.159 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 63 Resp: 67791  
Ion Ratio Lower Upper  
63 100  
106 29.9 22.7 34.1

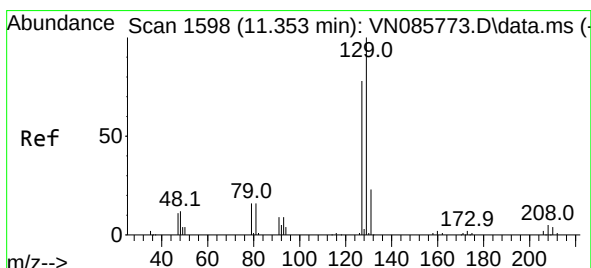
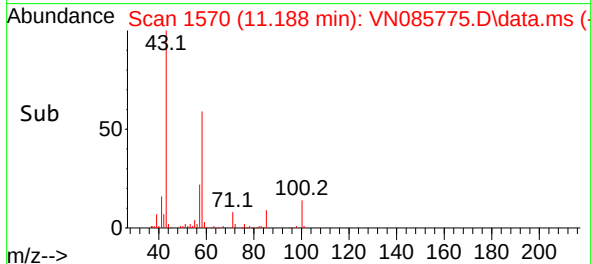
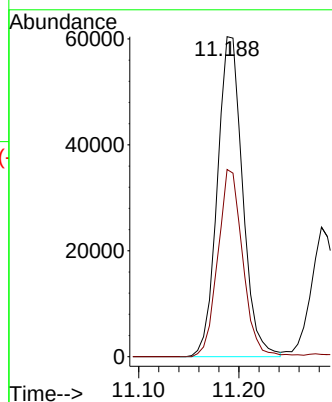
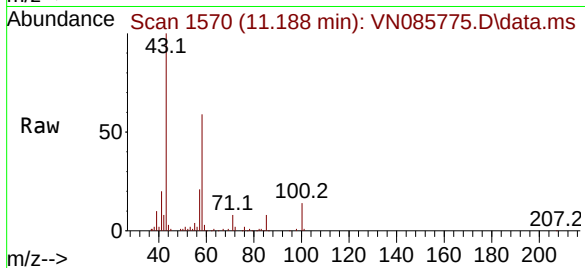




#59  
2-Hexanone  
Concen: 52.609 ug/l  
RT: 11.188 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

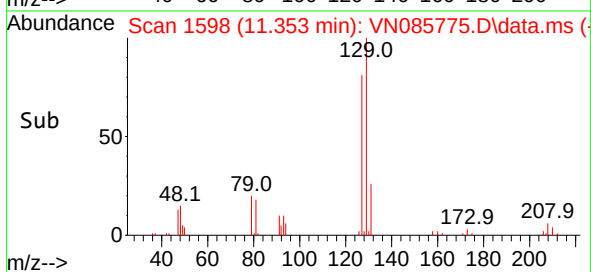
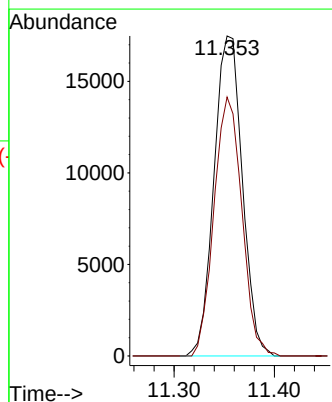
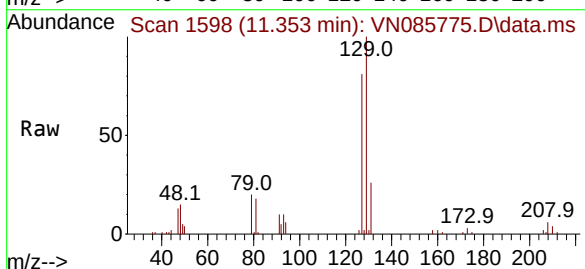
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

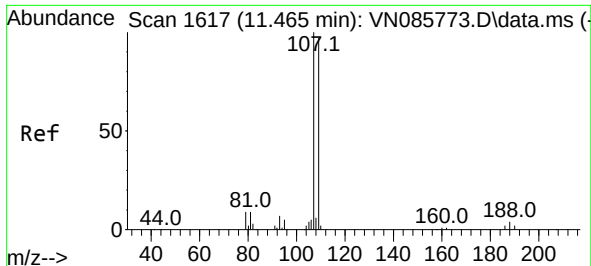
Tgt Ion: 43 Resp: 105782  
Ion Ratio Lower Upper  
43 100  
58 57.7 29.8 89.5



#60  
Dibromochloromethane  
Concen: 10.694 ug/l  
RT: 11.353 min Scan# 1598  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:129 Resp: 34267  
Ion Ratio Lower Upper  
129 100  
127 79.6 39.1 117.5

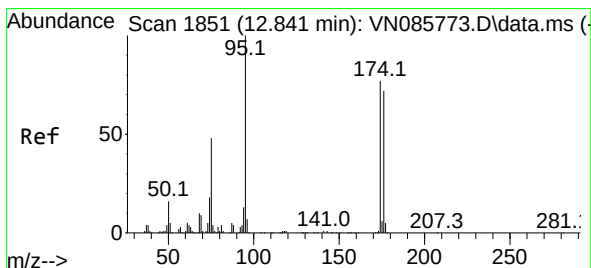
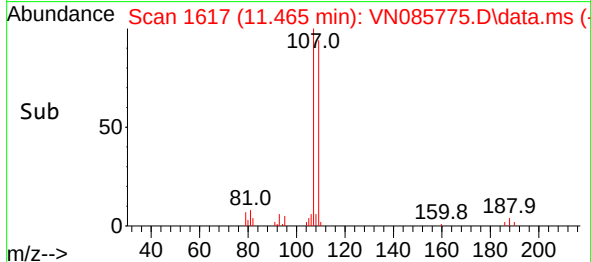
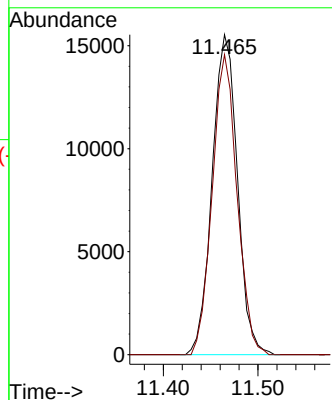
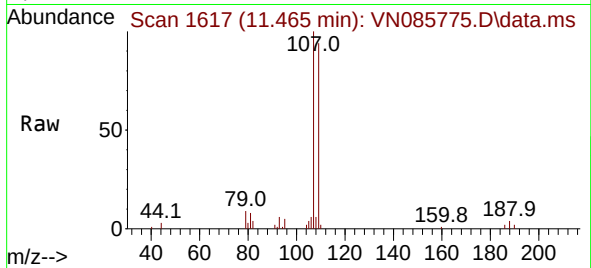




#61  
1,2-Dibromoethane  
Concen: 11.073 ug/l  
RT: 11.465 min Scan# 1617  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

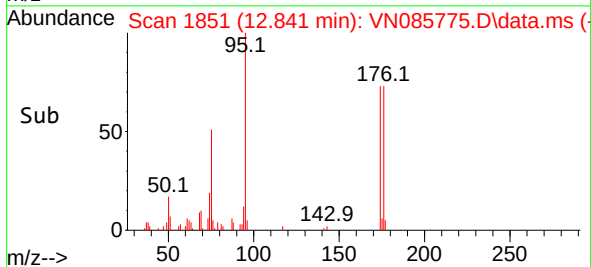
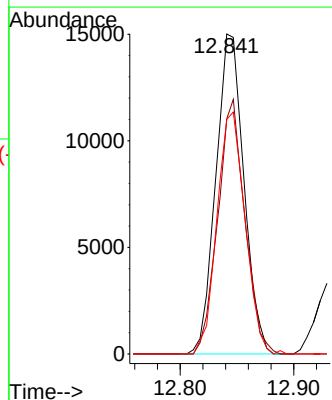
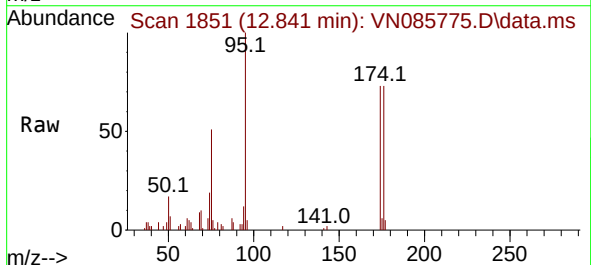
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

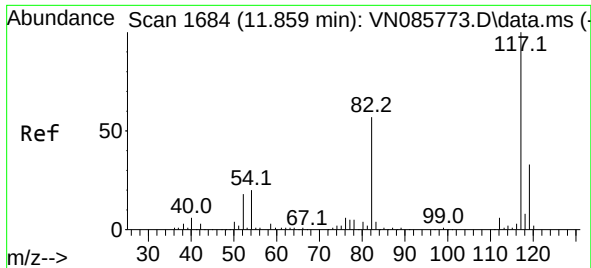
Tgt Ion:107 Resp: 28789  
Ion Ratio Lower Upper  
107 100  
109 92.1 76.0 114.0



#62  
4-Bromofluorobenzene  
Concen: 8.236 ug/l  
RT: 12.841 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 95 Resp: 25697  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 152.4  
176 75.9 0.0 146.6

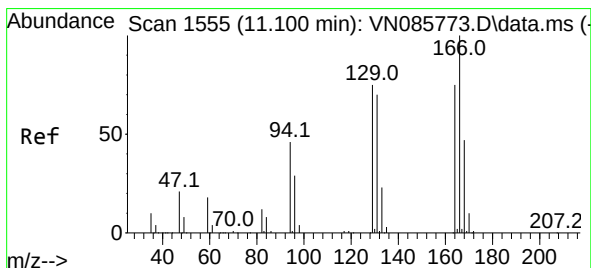
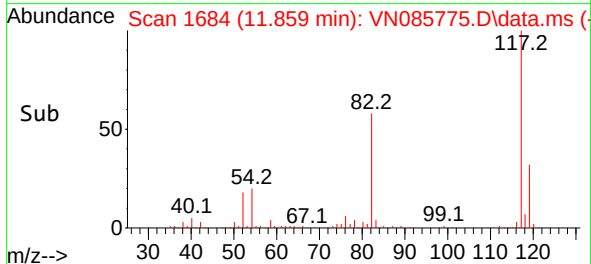
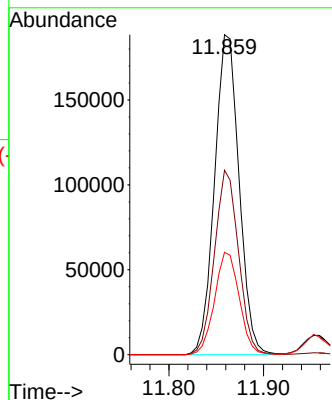
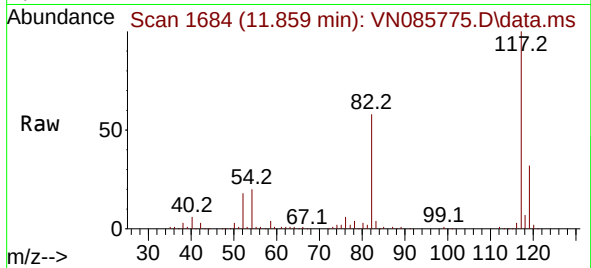




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.859 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

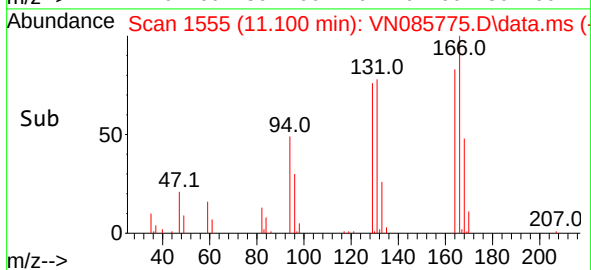
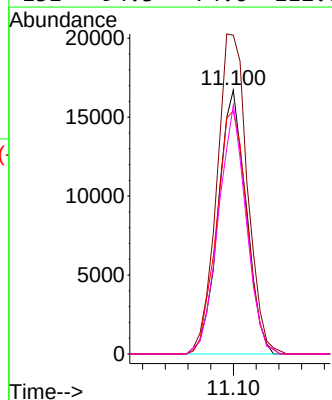
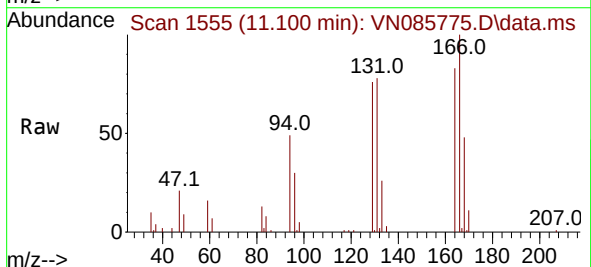
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

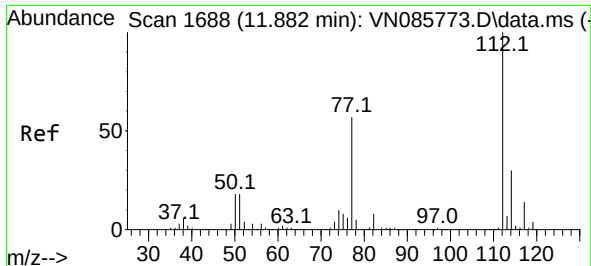
Tgt Ion:117 Resp: 339681  
Ion Ratio Lower Upper  
117 100  
82 57.7 45.7 68.5  
119 32.0 26.2 39.2



#64  
Tetrachloroethene  
Concen: 10.855 ug/l  
RT: 11.100 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:164 Resp: 28564  
Ion Ratio Lower Upper  
164 100  
166 120.8 107.2 160.8  
129 92.1 80.7 121.1  
131 94.3 74.6 112.0

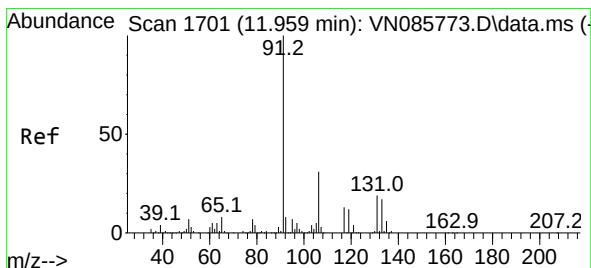
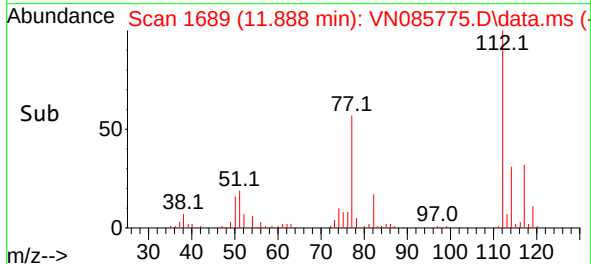
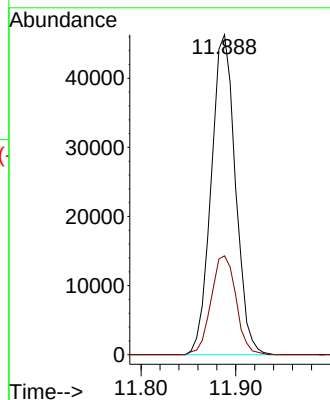
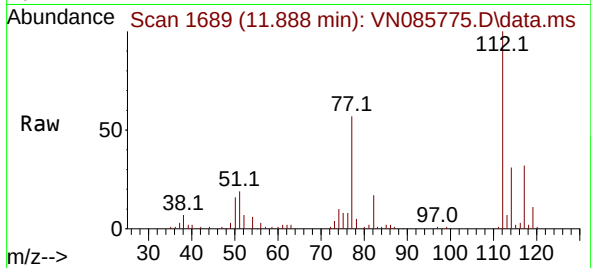




#65  
Chlorobenzene  
Concen: 10.585 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

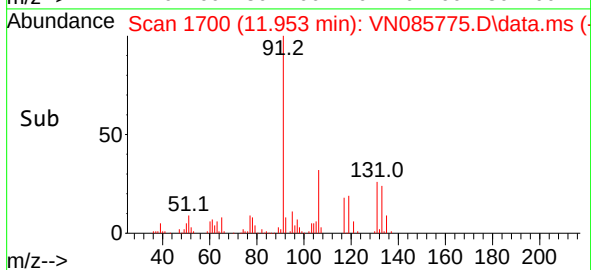
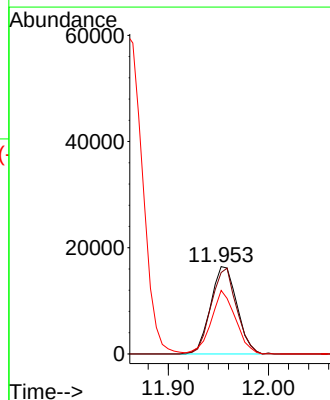
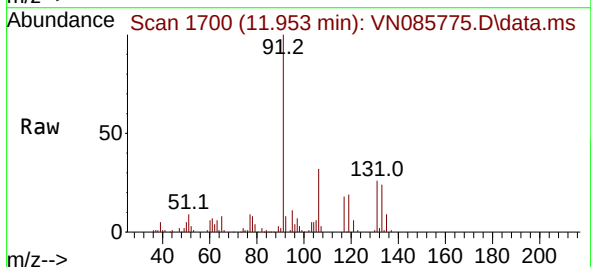
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

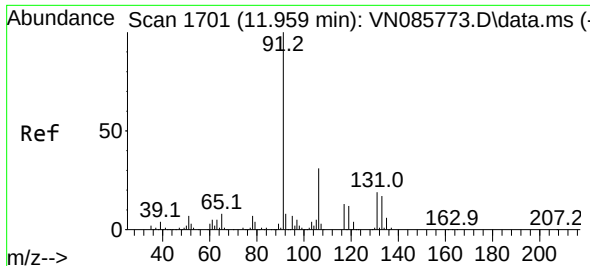
Tgt Ion:112 Resp: 82365  
Ion Ratio Lower Upper  
112 100  
114 30.9 24.3 36.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.773 ug/l  
RT: 11.953 min Scan# 1700  
Delta R.T. -0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:131 Resp: 30133  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.7 143.1  
119 66.8 33.3 99.8

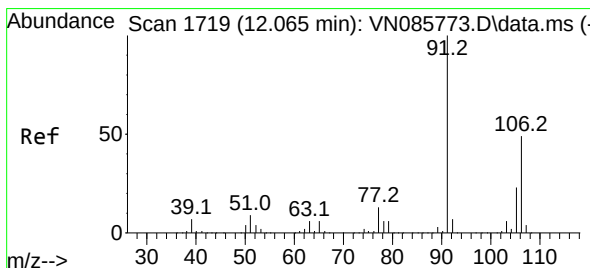
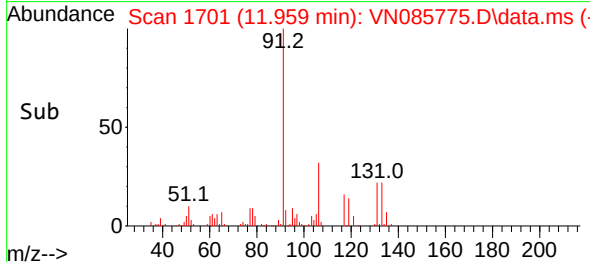
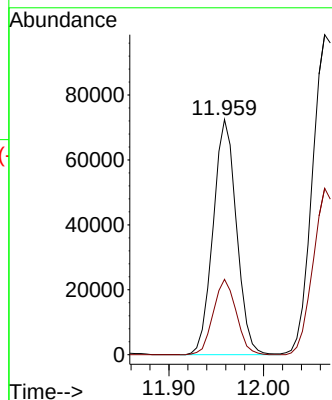
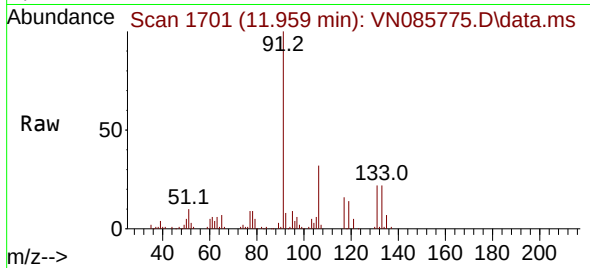




#67  
Ethyl Benzene  
Concen: 10.199 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

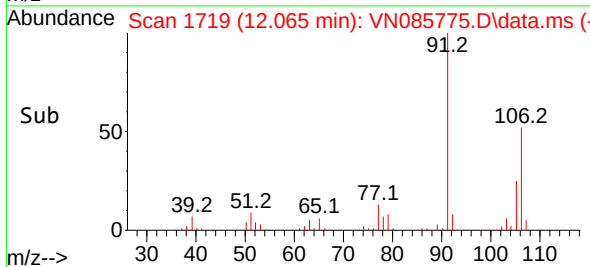
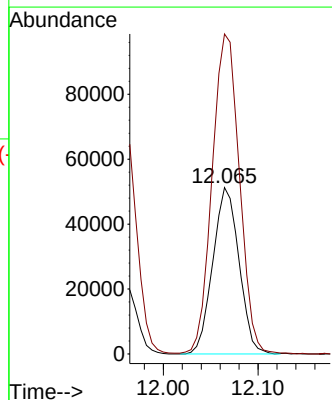
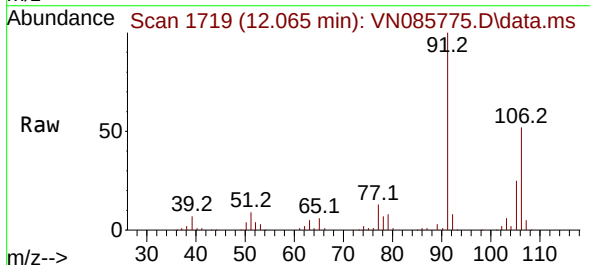
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

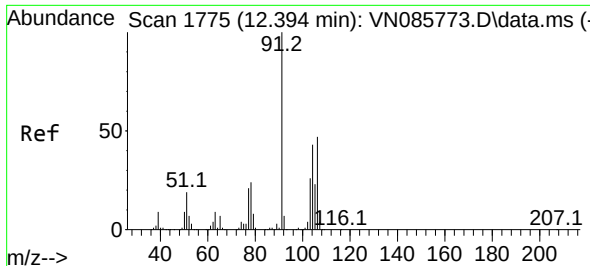
Tgt Ion: 91 Resp: 124323  
Ion Ratio Lower Upper  
91 100  
106 32.0 24.7 37.1



#68  
m/p-Xylenes  
Concen: 21.290 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:106 Resp: 98574  
Ion Ratio Lower Upper  
106 100  
91 200.5 163.3 244.9

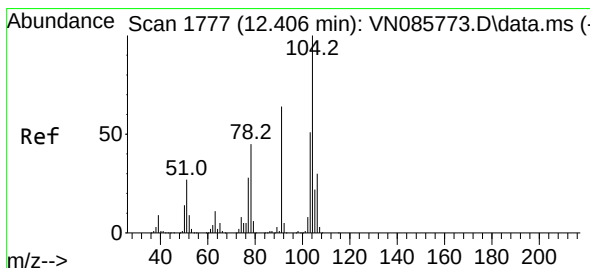
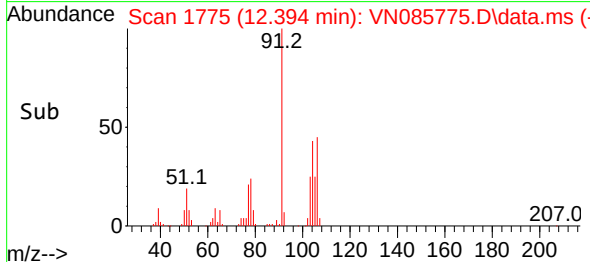
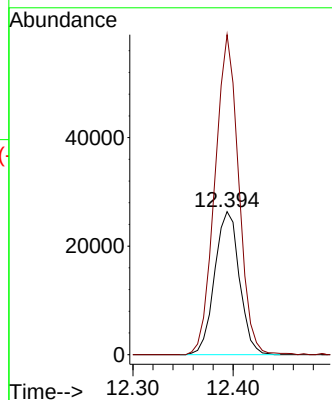
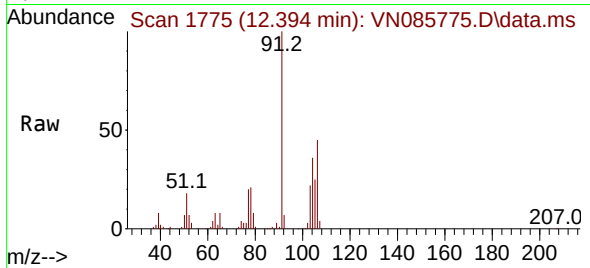




#69  
o-Xylene  
Concen: 10.287 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

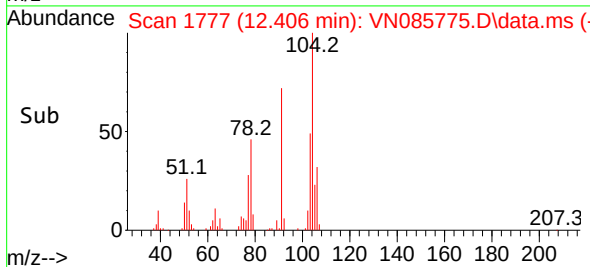
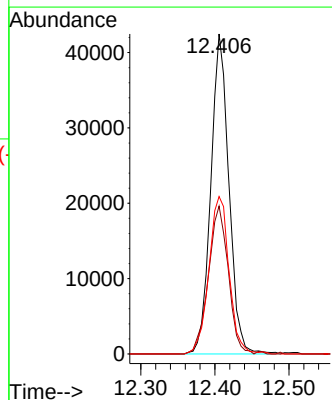
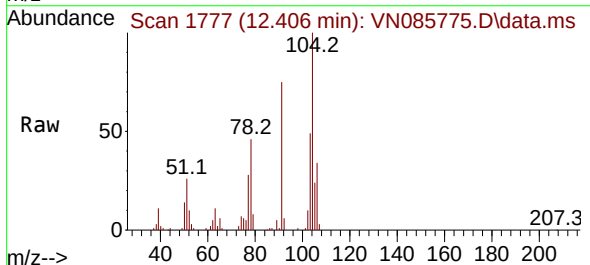
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

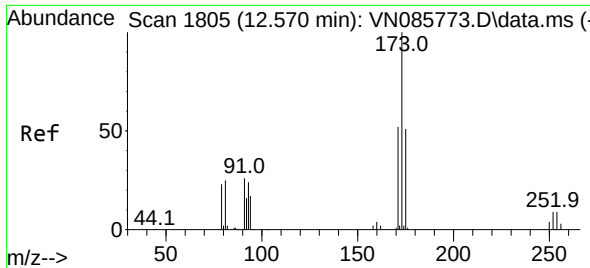
Tgt Ion:106 Resp: 45263  
Ion Ratio Lower Upper  
106 100  
91 214.9 107.1 321.4



#70  
Styrene  
Concen: 9.994 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:104 Resp: 72044  
Ion Ratio Lower Upper  
104 100  
78 50.4 39.0 58.6  
103 55.1 43.3 64.9

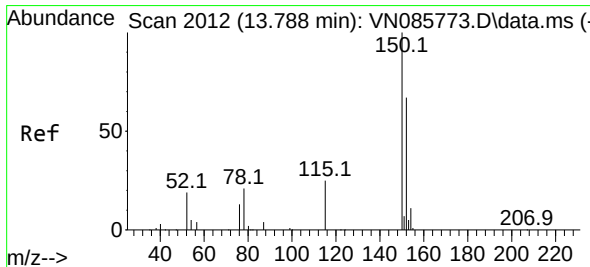
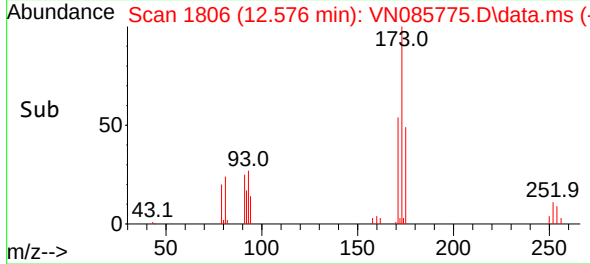
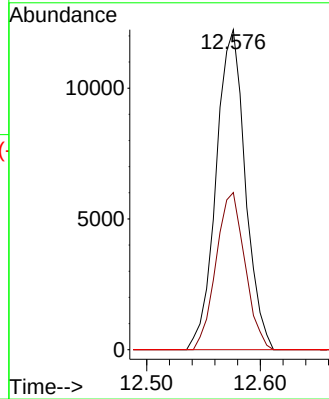
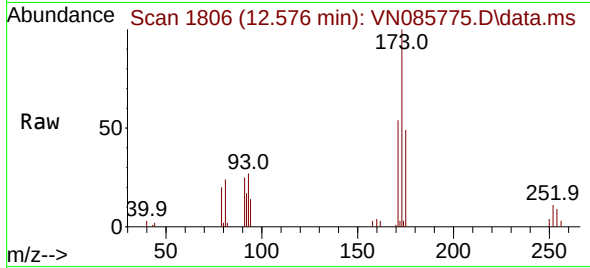




#71  
Bromoform  
Concen: 10.529 ug/l  
RT: 12.576 min Scan# 1806  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

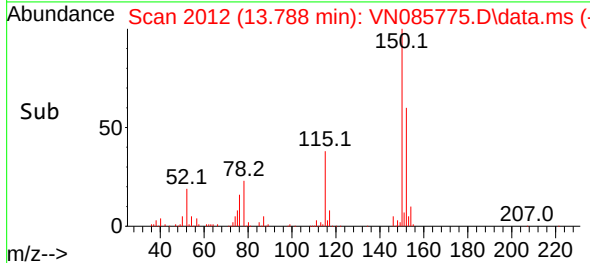
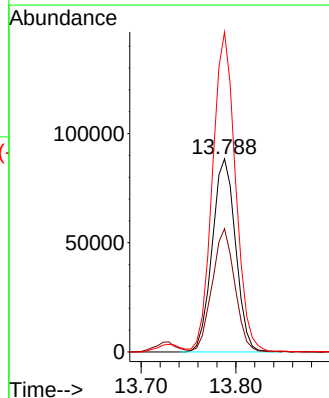
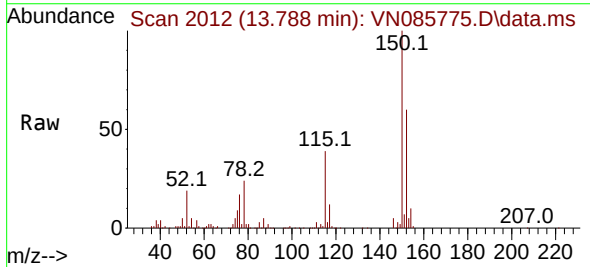
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:173 Resp: 21882  
Ion Ratio Lower Upper  
173 100  
175 48.6 25.1 75.4  
254 0.0 0.0 0.0

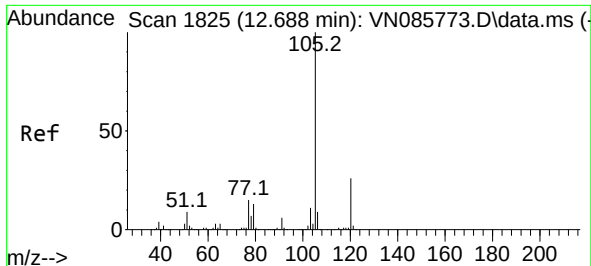


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:152 Resp: 151740  
Ion Ratio Lower Upper  
152 100  
115 61.4 30.4 91.3  
150 163.2 0.0 345.4



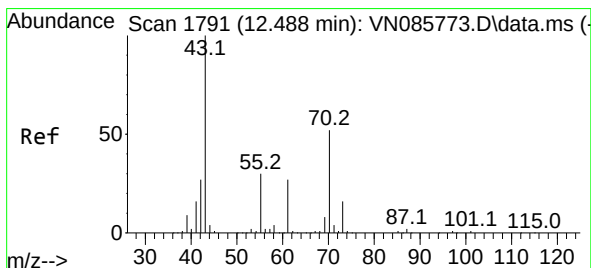
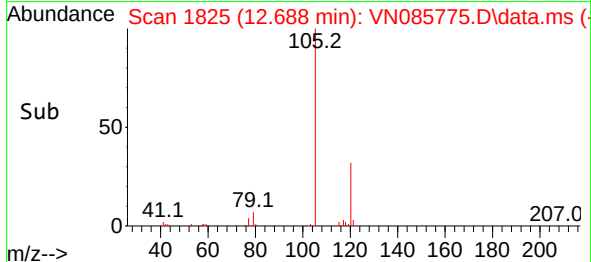
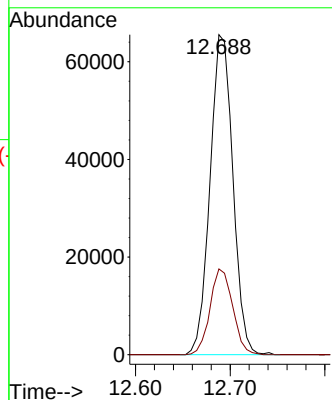
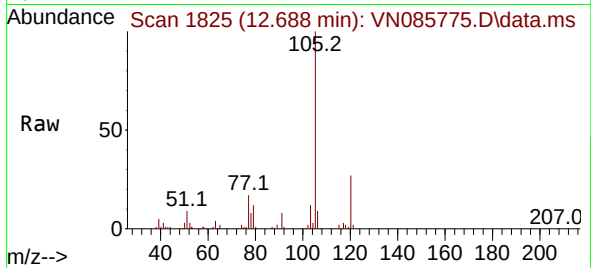




#73  
Isopropylbenzene  
Concen: 10.576 ug/l  
RT: 12.688 min Scan# 1825  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

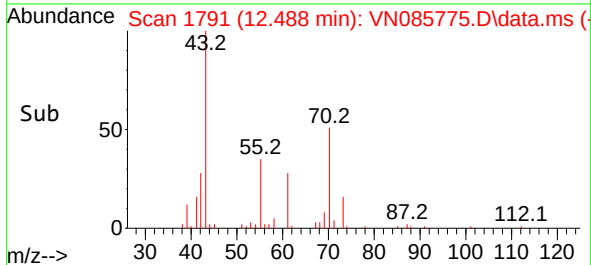
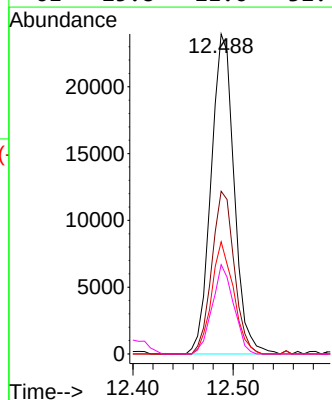
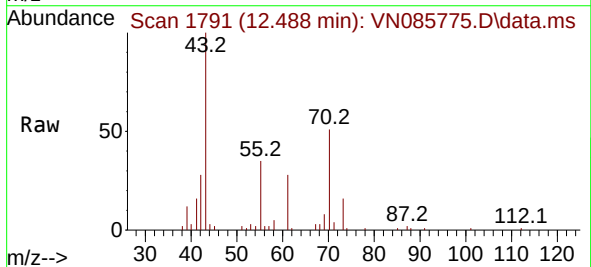
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MSVOA\_N  
ClientSampleId :  
VSTDICC010

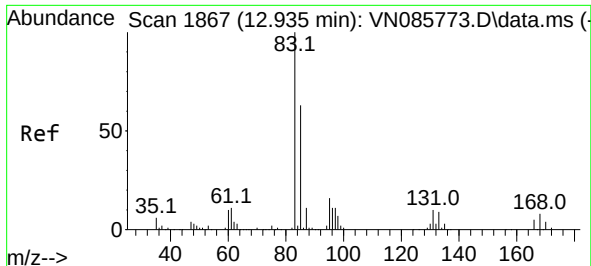
Tgt Ion:105 Resp: 109944  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.0 39.0



#74  
N-ethyl acetate  
Concen: 10.452 ug/l  
RT: 12.488 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 43 Resp: 38318  
Ion Ratio Lower Upper  
43 100  
70 49.4 41.0 61.4  
55 33.3 24.6 36.8  
61 25.8 21.6 32.4

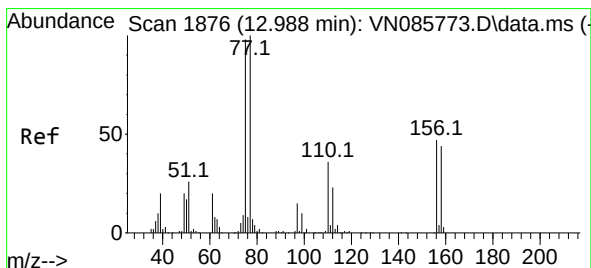
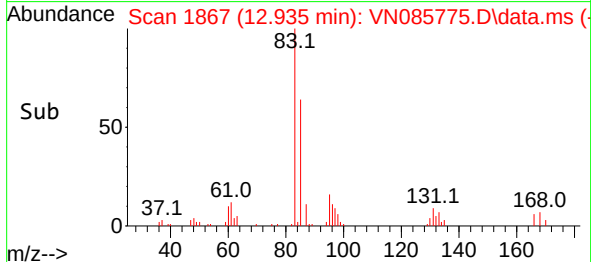
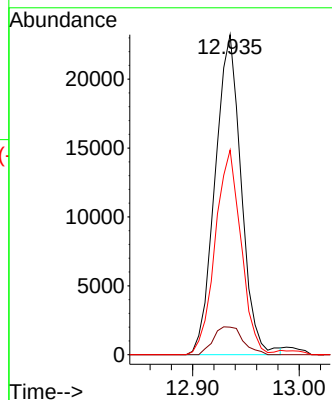
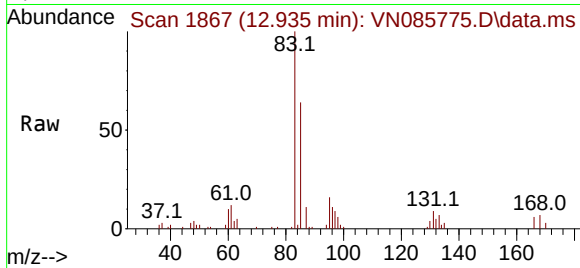




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 11.063 ug/l  
 RT: 12.935 min Scan# 1867  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

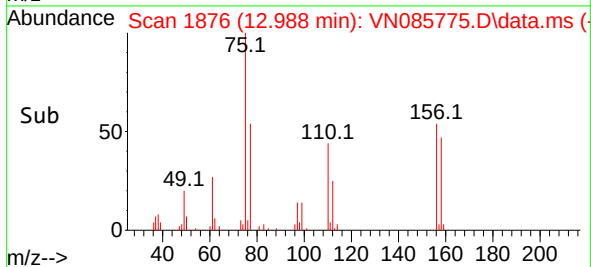
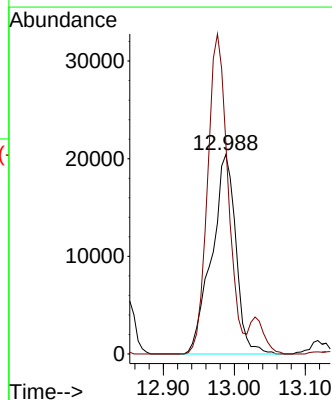
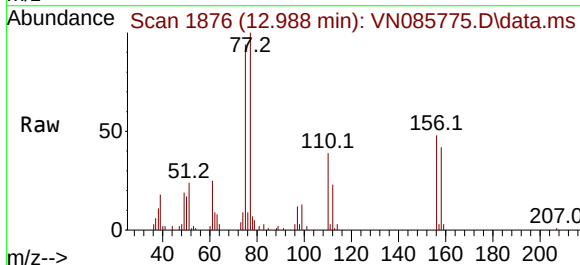
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 ClientSampleId :  
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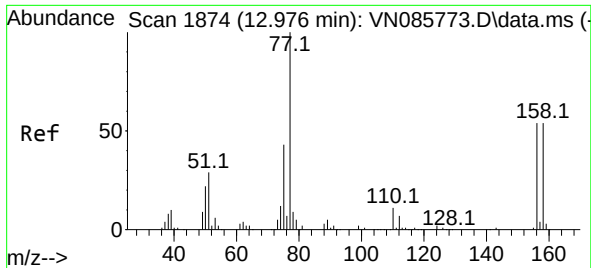
Tgt Ion: 83 Resp: 39575  
 Ion Ratio Lower Upper  
 83 100  
 131 9.8 5.0 15.0  
 85 63.3 32.2 96.6



#76  
 1,2,3-Trichloropropane  
 Concen: 14.469 ug/l  
 RT: 12.988 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion: 75 Resp: 48233  
 Ion Ratio Lower Upper  
 75 100  
 77 135.7 100.0 300.0

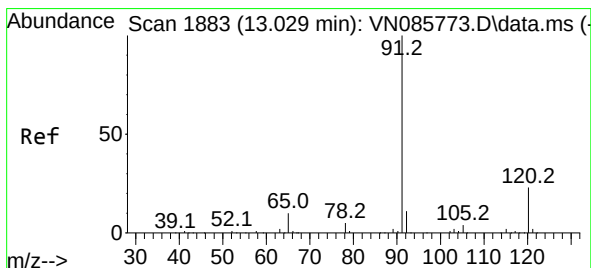
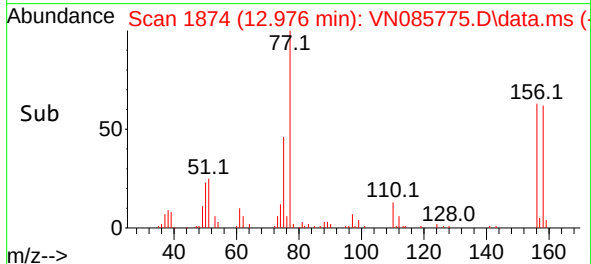
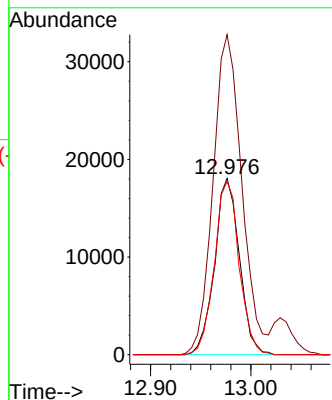
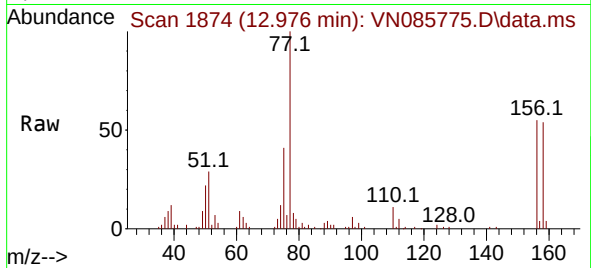




#77  
Bromobenzene  
Concen: 11.061 ug/l  
RT: 12.976 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

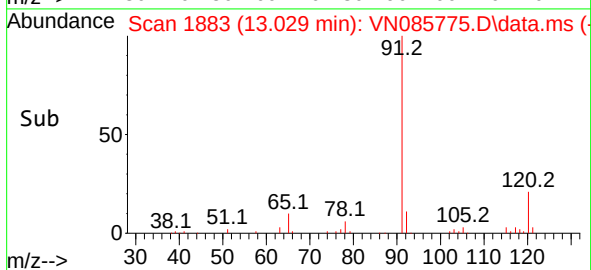
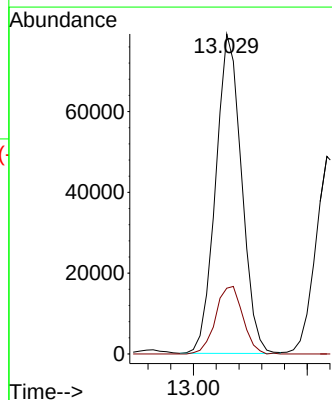
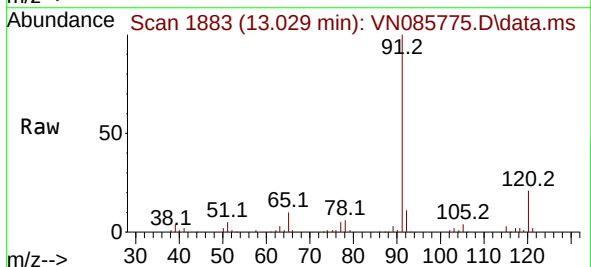
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

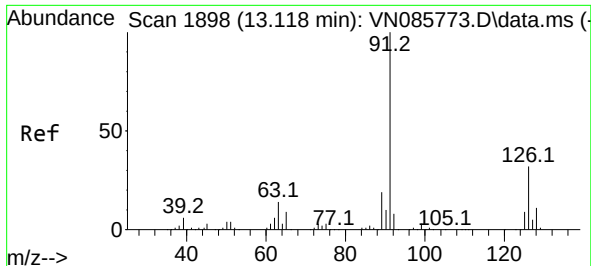
Tgt Ion:156 Resp: 31066  
Ion Ratio Lower Upper  
156 100  
77 210.7 104.1 312.3  
158 98.4 48.1 144.4



#78  
n-propylbenzene  
Concen: 10.517 ug/l  
RT: 13.029 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 91 Resp: 125206  
Ion Ratio Lower Upper  
91 100  
120 22.2 11.3 33.8

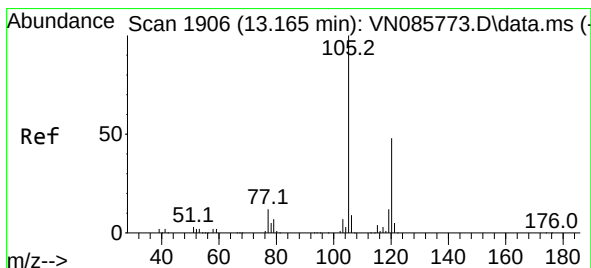
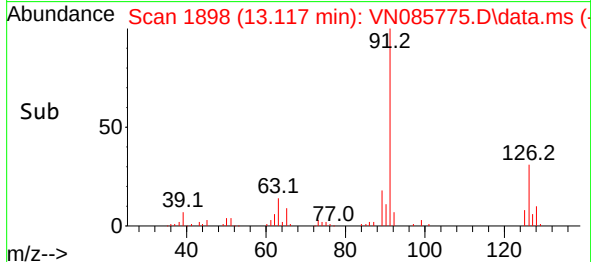
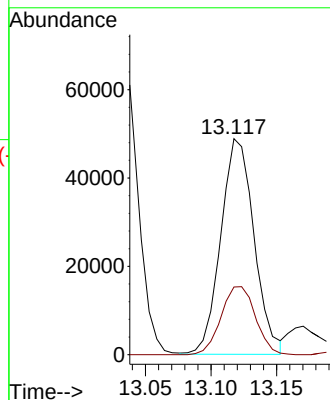
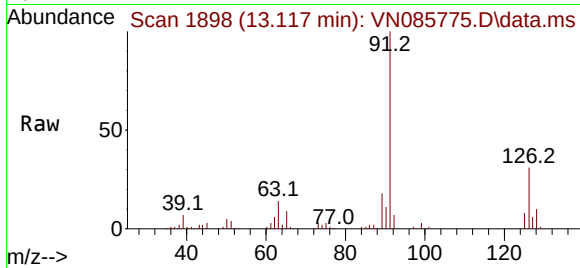




#79  
2-Chlorotoluene  
Concen: 10.841 ug/l  
RT: 13.117 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

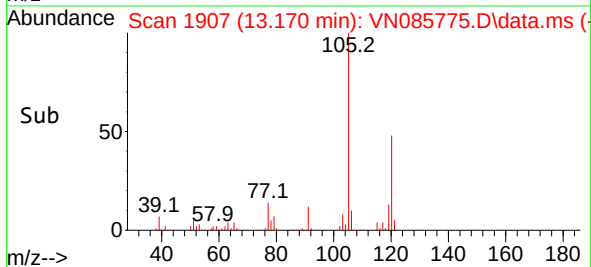
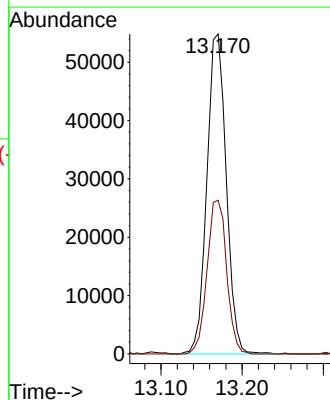
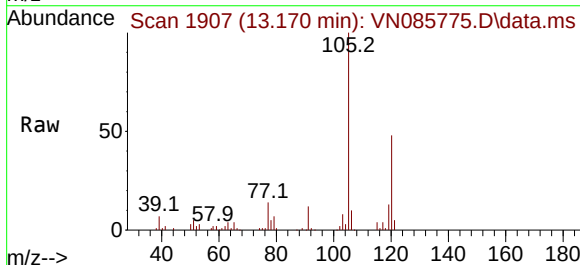
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

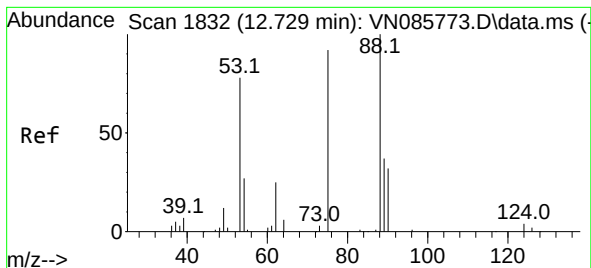
Tgt Ion: 91 Resp: 86237  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 10.713 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 105 Resp: 90718  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.3 72.9

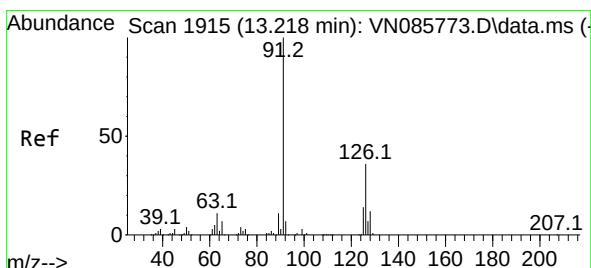
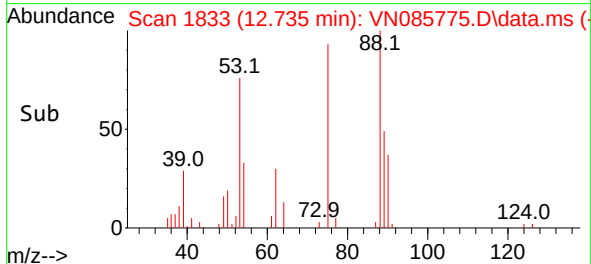
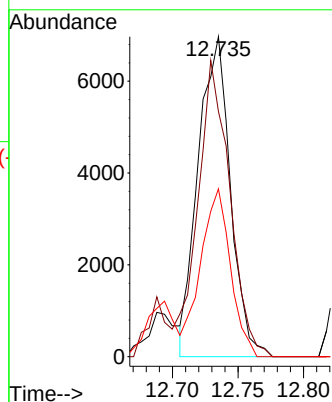
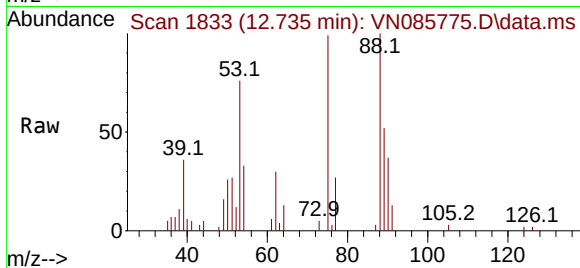




#81  
trans-1,4-Dichloro-2-butene  
Concen: 10.302 ug/l  
RT: 12.735 min Scan# 1833  
Delta R.T. 0.006 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

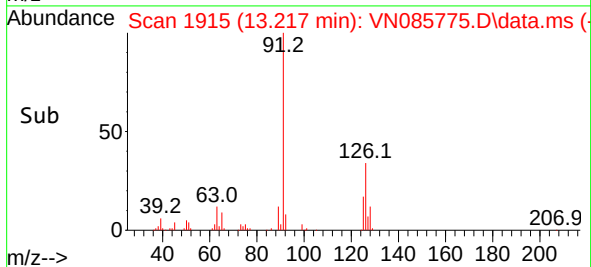
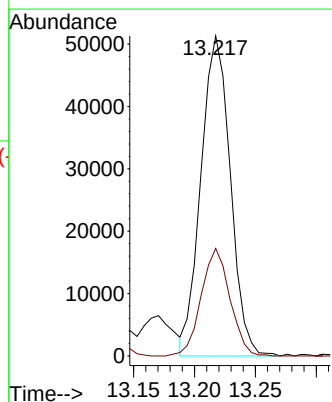
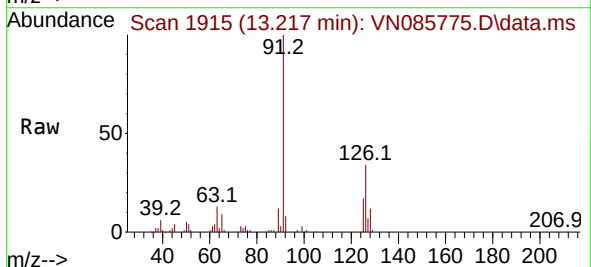
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

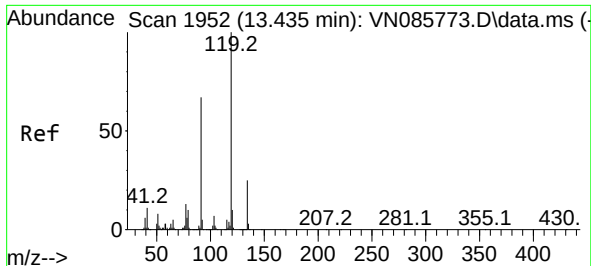
Tgt Ion: 75 Resp: 11901  
Ion Ratio Lower Upper  
75 100  
53 92.1 74.2 111.4  
89 48.8 34.9 52.3



#82  
4-Chlorotoluene  
Concen: 10.919 ug/l  
RT: 13.217 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion: 91 Resp: 86106  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.4 49.4

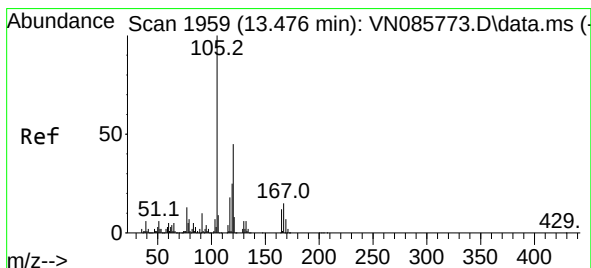
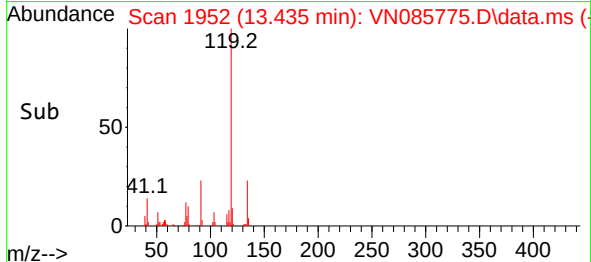
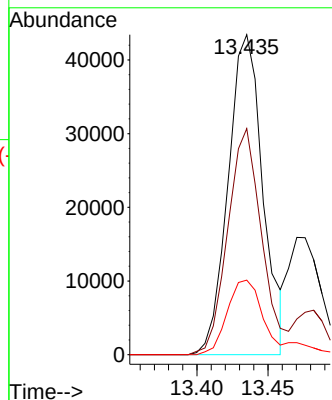
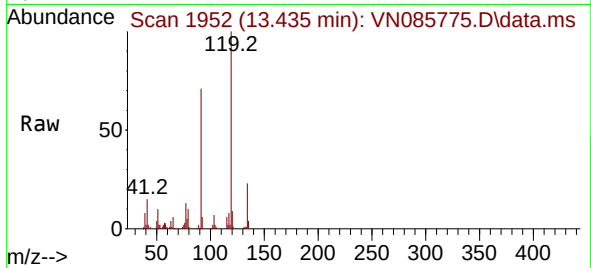




#83  
 tert-Butylbenzene  
 Concen: 10.364 ug/l  
 RT: 13.435 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

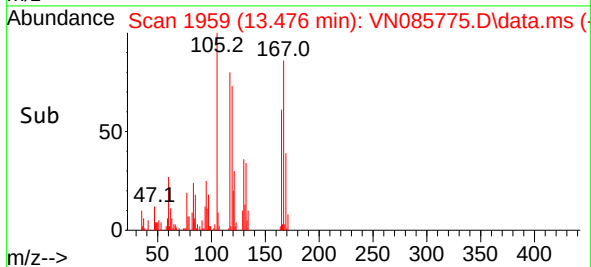
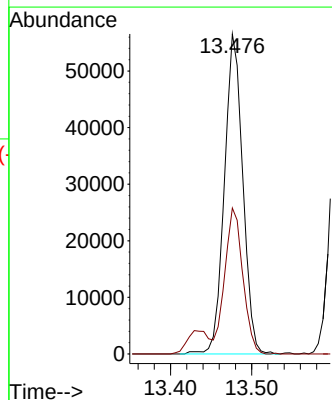
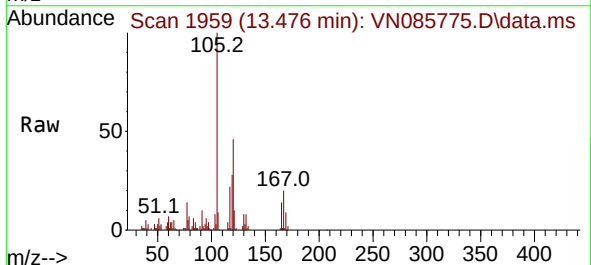
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

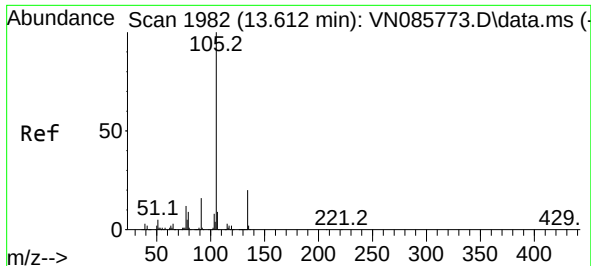
Tgt Ion:119 Resp: 73803  
 Ion Ratio Lower Upper  
 119 100  
 91 69.5 32.5 97.5  
 134 26.5 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 10.638 ug/l  
 RT: 13.476 min Scan# 1959  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion:105 Resp: 89125  
 Ion Ratio Lower Upper  
 105 100  
 120 44.6 22.4 67.3

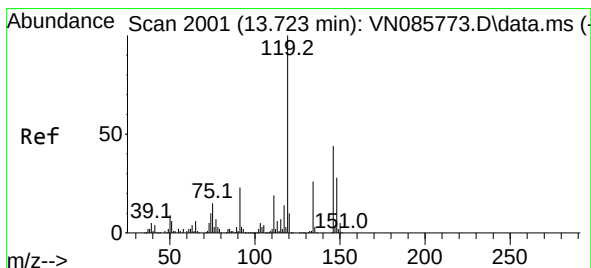
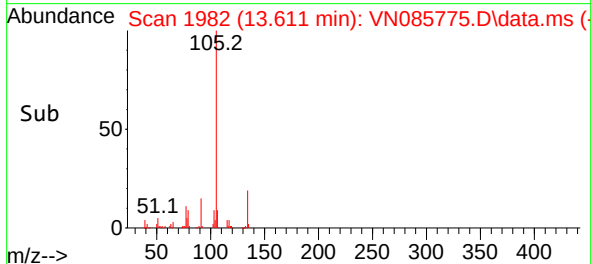
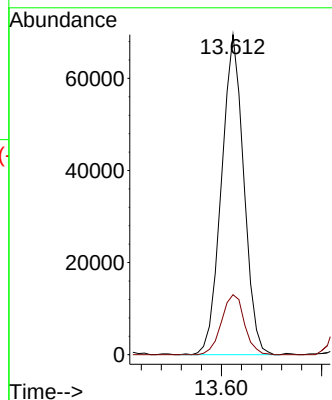
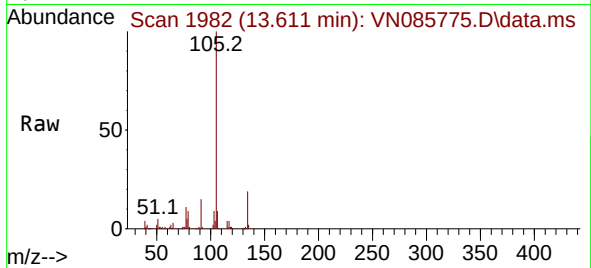




#85  
 sec-Butylbenzene  
 Concen: 10.660 ug/l  
 RT: 13.611 min Scan# 1982  
 Delta R.T. -0.001 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

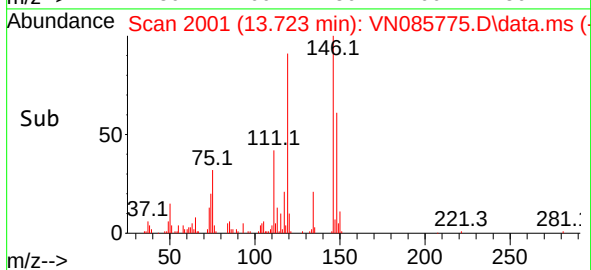
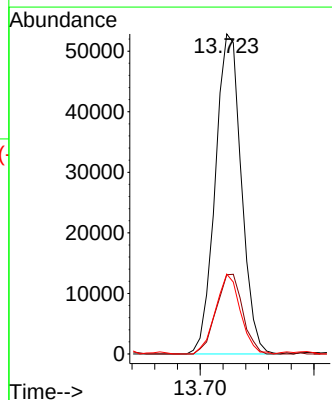
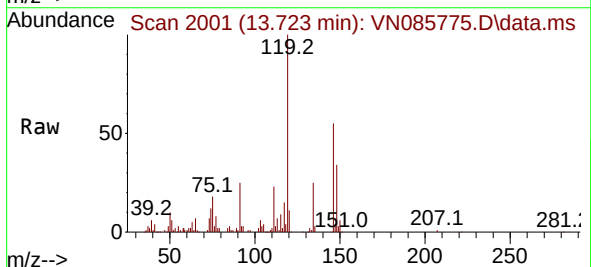
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

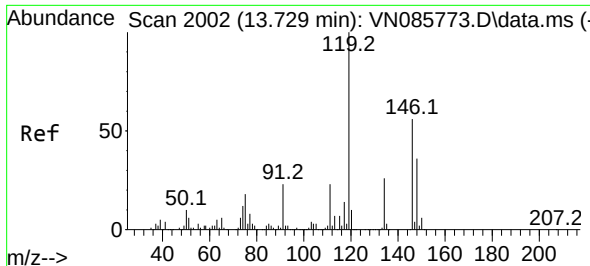
Tgt Ion:105 Resp: 107253  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 10.256 ug/l  
 RT: 13.723 min Scan# 2001  
 Delta R.T. 0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion:119 Resp: 84249  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 13.0 39.0  
 91 23.9 11.7 35.1

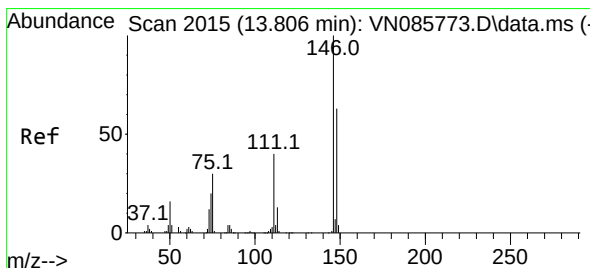
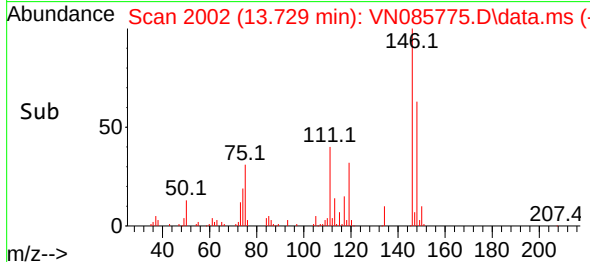
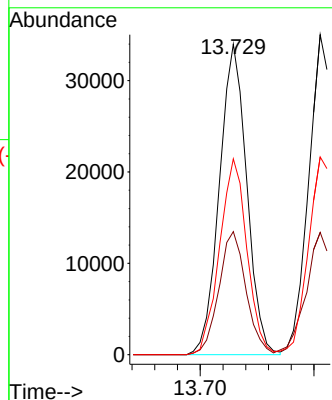
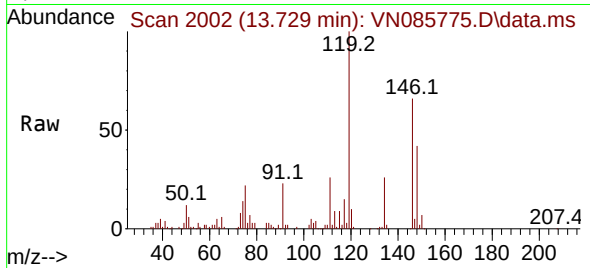




#87  
 1,3-Dichlorobenzene  
 Concen: 10.822 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

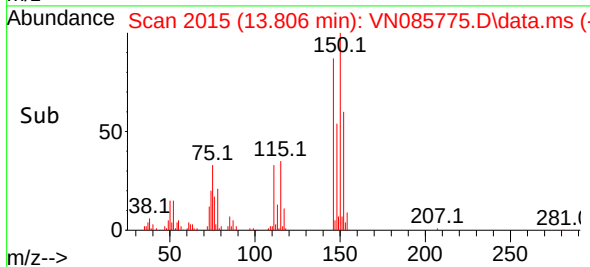
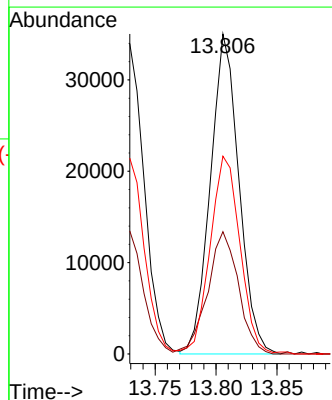
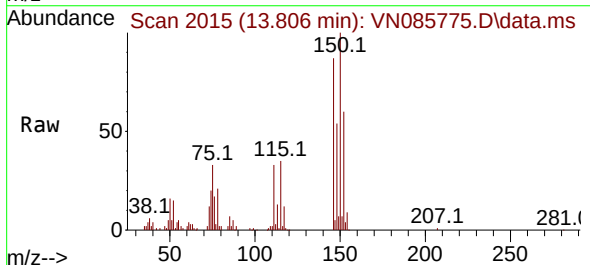
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

Tgt Ion:146 Resp: 56944  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 21.1 63.3  
 148 63.2 32.1 96.5

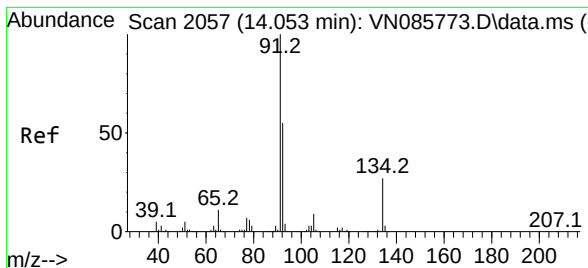


#88  
 1,4-Dichlorobenzene  
 Concen: 10.600 ug/l  
 RT: 13.806 min Scan# 2015  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion:146 Resp: 57166  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 20.4 61.3  
 148 65.0 31.8 95.4







#89

n-Butylbenzene

Concen: 9.931 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

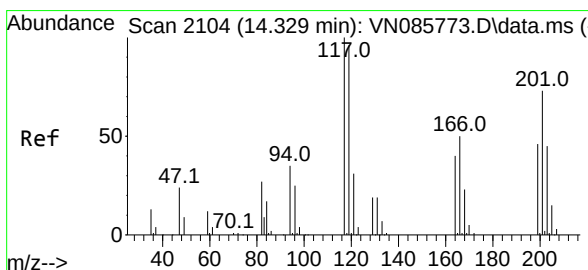
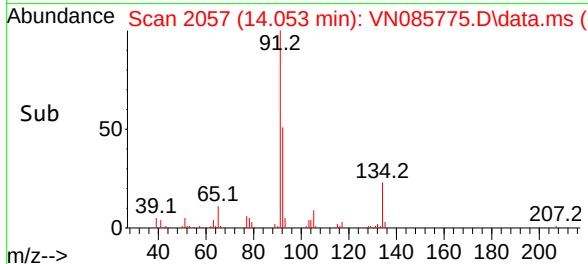
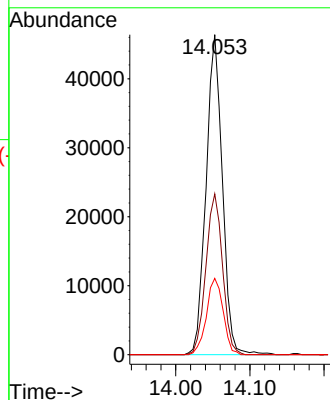
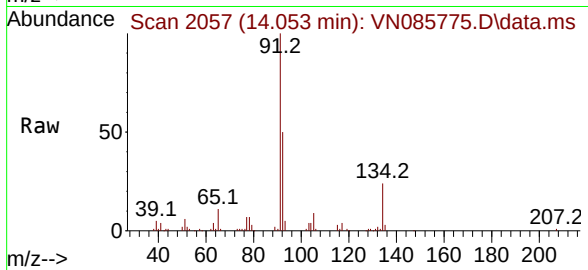
Tgt Ion: 91 Resp: 70940

Ion Ratio Lower Upper

91 100

92 51.2 27.1 81.3

134 24.4 12.7 38.1



#90

Hexachloroethane

Concen: 10.119 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN085775.D

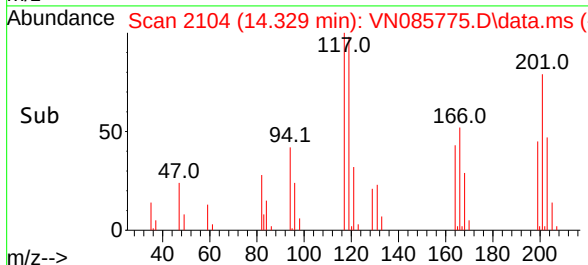
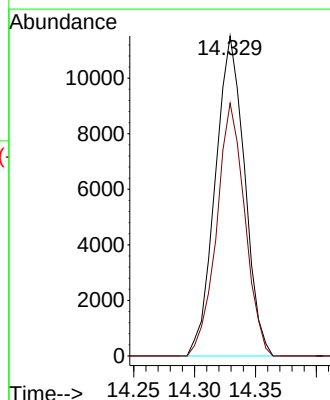
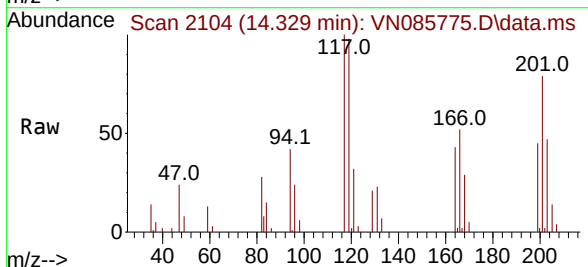
Acq: 18 Feb 2025 12:20

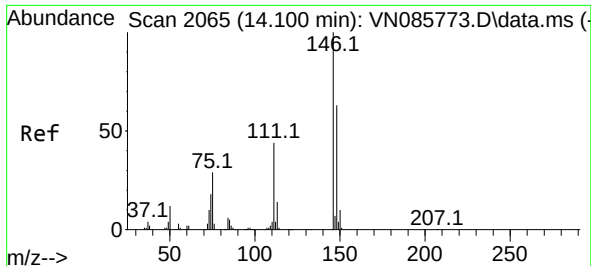
Tgt Ion: 117 Resp: 19282

Ion Ratio Lower Upper

117 100

201 76.1 35.6 106.9

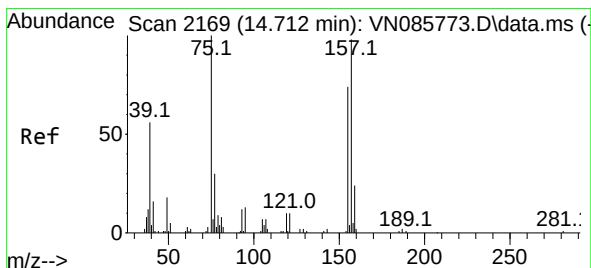
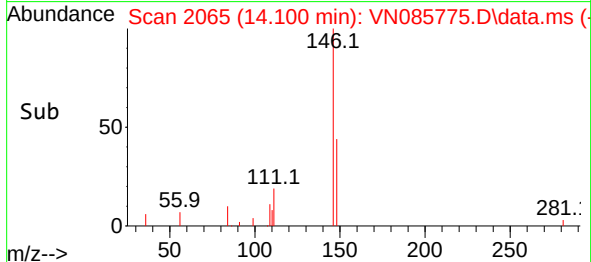
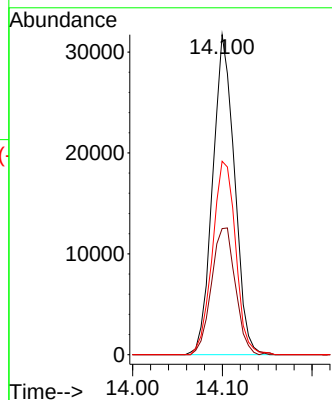
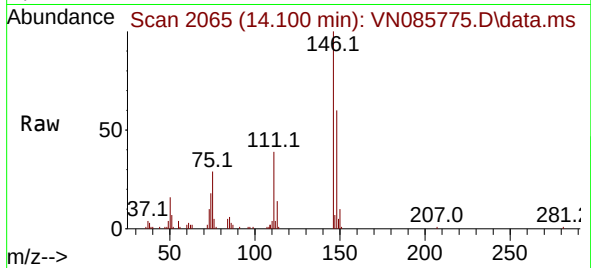




#91  
 1,2-Dichlorobenzene  
 Concen: 10.602 ug/l  
 RT: 14.100 min Scan# 2065  
 Delta R.T. -0.000 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

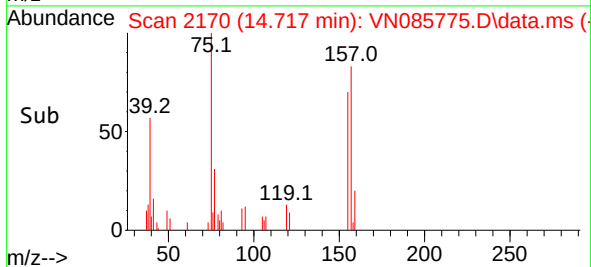
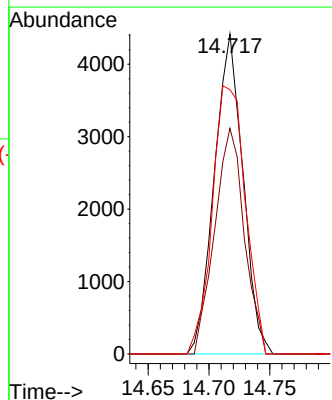
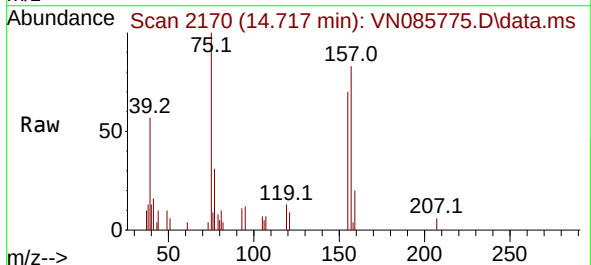
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 ClientSampleId :  
 VSTDIC010

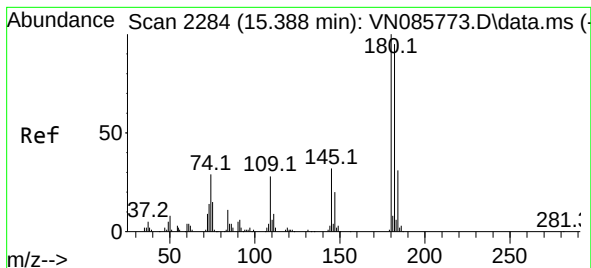
Tgt Ion:146 Resp: 53647  
 Ion Ratio Lower Upper  
 146 100  
 111 43.4 21.4 64.3  
 148 64.3 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.996 ug/l  
 RT: 14.717 min Scan# 2170  
 Delta R.T. 0.006 min  
 Lab File: VN085775.D  
 Acq: 18 Feb 2025 12:20

Tgt Ion: 75 Resp: 7223  
 Ion Ratio Lower Upper  
 75 100  
 155 73.0 39.9 119.6  
 157 96.9 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 10.406 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

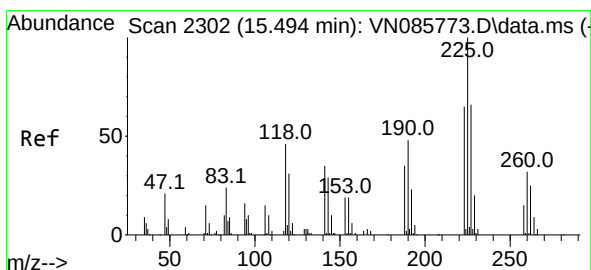
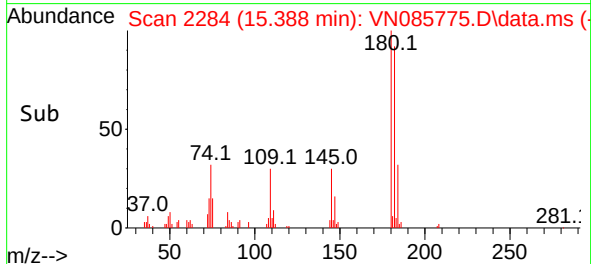
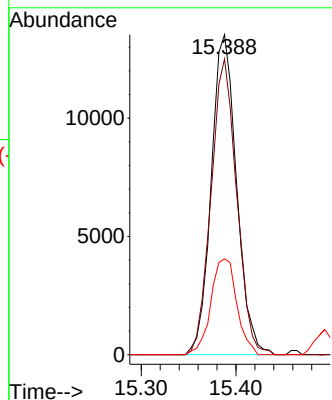
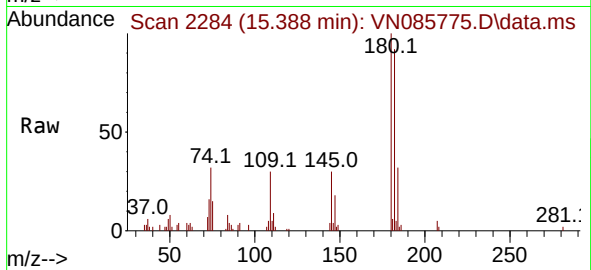
Tgt Ion:180 Resp: 25090

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.9

145 30.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 10.426 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN085775.D

Acq: 18 Feb 2025 12:20

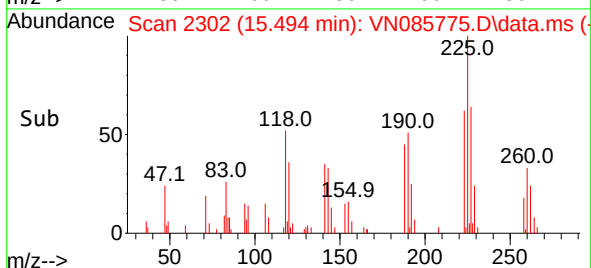
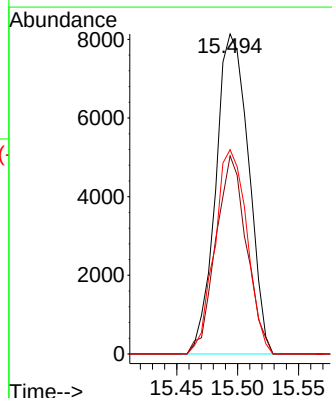
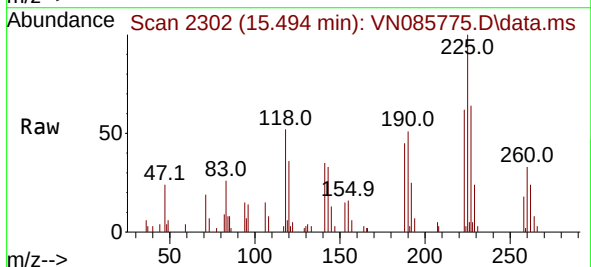
Tgt Ion:225 Resp: 15278

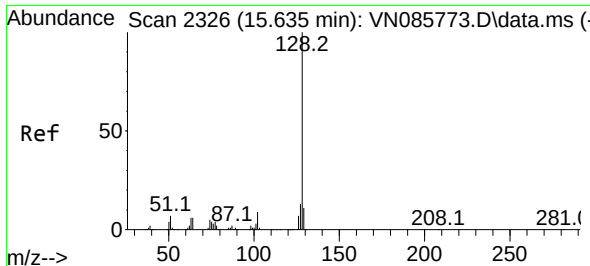
Ion Ratio Lower Upper

225 100

223 58.1 31.9 95.5

227 62.8 32.2 96.6

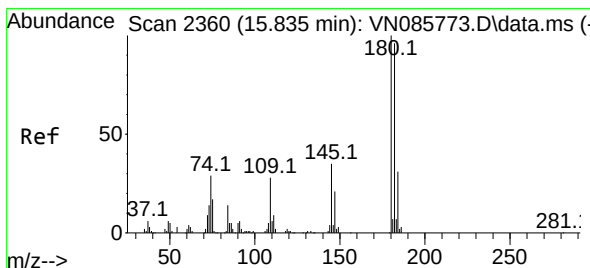
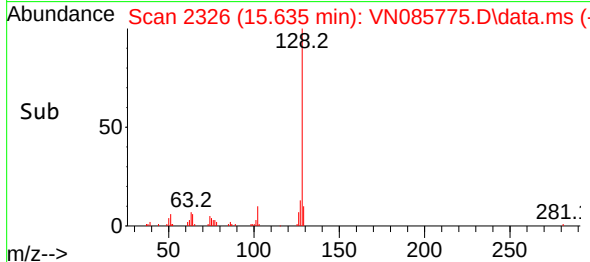
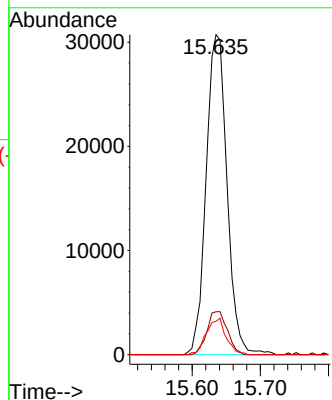
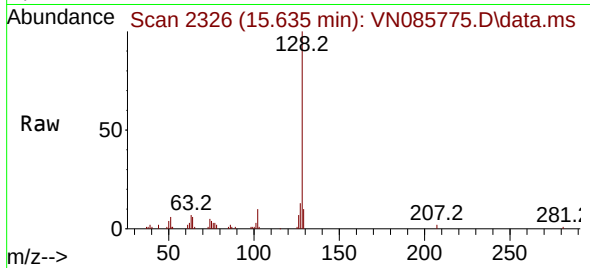




#95  
Naphthalene  
Concen: 9.902 ug/l  
RT: 15.635 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:128 Resp: 65549  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.2  
129 10.7 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 10.581 ug/l  
RT: 15.835 min Scan# 2360  
Delta R.T. -0.000 min  
Lab File: VN085775.D  
Acq: 18 Feb 2025 12:20

Tgt Ion:180 Resp: 25612  
Ion Ratio Lower Upper  
180 100  
182 92.2 47.3 141.8  
145 33.0 16.9 50.6

